
POPULATION PROJECTIONS 2026 - 2046

Based on 2001 - 2021 Census Canada Data



POPULATION PROJECTIONS 2026 - 2046

Contents

List of Tables and Appendices	2
Introduction.....	3
General Characteristics of Projections	3
Basic Assumptions.....	3
Population Projections by Method	7
1. Mathematical Extrapolation.....	7
Arithmetic Straight Line Trend	8
Logarithmic Straight Line Trend.....	11
2. Cohort Component Method	14
General Cohort Survival	14
Summary	15
Cohort Survival Projections Index (by Municipality)	17

POPULATION PROJECTIONS 2026 - 2046

Tables

1. Base Population Data used in Projections	5
2. Arithmetic Straight Line Projections	9
3. Logarithmic Straight Line Projections.....	12
4. Summary of Arithmetic Straight Line Projections	16
5. Summary of Logarithmic Straight Line Projections.....	16

Appendices

A. Arithmetic Straight Line Trend Calculations	190
B. Logarithmic Straight Line Trend Calculations.....	191

INTRODUCTION

Purpose and Intended Use

This report is intended to assist planners in meeting their needs for population projections. It provides assistance in understanding the methods used, their advantages and disadvantages, and their utility.

Description

This report provides a collection of population projections for a portion of the southwest region of Alberta in which the urban, rural and specialized municipalities are members of the Oldman River Regional Services Commission (ORRSC). Three population projection methods are used. The report is made up of three different divisions: a textual discussion of base data, methodologies, and basic assumptions; the projected population statistics; and a summary.

GENERAL CHARACTERISTICS OF PROJECTIONS

The knowledge of possible directions of population change can aid in assessing future requirements for land, services and facilities. Using population projections, planners can formulate the necessary strategy to cope with population change and its effects on a municipality.

Population projections have been defined as the numerical outcome of a set of assumptions made about future trends, usually with reference to trends of the past. Projections are conditional; they show what a population would be if these assumed trends were to occur.

Any projection must be carefully reviewed by evaluating the method used and the specific assumptions within each method. Some of the factors to be considered in evaluating population projections are:

- Population projection methods are only as accurate as the initial data.
- In general, the smaller the initial population, the greater the error to be expected.
- The further into the future the projections are carried, the less reliable the projection.
- The accuracy of the projected results also relies on how representative the base time period is of the typical growth experienced by the municipality.
- There are various forces affecting population change. The most common ones are migration, birth, death, fertility, social, economic and political. Methods incorporating the greatest number of these elements in the projections will result in figures closer to reality.

BASIC ASSUMPTIONS

Basic assumptions made by the methods utilized in this report are:

- Input data source: Census of Canada 2001, 2006, 2011, 2016 and 2021. (see Table 1 for data used in projections)
- Data reflects random rounding at the cohort level only.
- Where feasible, figures have been adjusted to reflect significant boundary changes due to annexation or incorporation of hamlets. This includes the following specifically:
 - The incorporation of Grassy Lake into the M.D. of Taber in 1994. Therefore census population after 1994 for the M.D. of Taber are inclusive of Grassy Lake and no census data for Grassy Lake specifically.
 - The change of the M.D. of Ranchland from the I.D. No. 6 in 1995. Population census data for the M.D. of Ranchland in 1991 contains population from what

Table 1 – Base Population Data (used in projections)

was actually I.D. No. 6. I.D. No. 6 then became the M.D. of Ranchland in 1995, upon which boundary changes were also made.

- The Crowsnest Pass is a specialized municipality that was formed in 1979 through the amalgamation of Blairmore, Bellevue, Coleman, Frank and a portion of I.D. No. 5. Upon the creation of the M.D. of Ranchland in 1995, the Crowsnest Pass also incorporated a portion of I.D. No. 6.
- The incorporation of Granum into the M.D. of Willow Creek as a hamlet in 2020. Beginning in 2021, the Census of Population data for Willow Creek is inclusive of Granum.
- As changing economic, political and social forces are difficult to quantify and factor into a projection, they have not been included and are assumed to remain constant as in the base time period selected.
- The projection formulas have been unilaterally applied to all municipalities regardless of size.
- Projections are done at five-year intervals for a period of 25 years (2026, 2031, 2036, 2041, 2046).

Table 1 – Base Population Data (used in projections)

ORRSC REGION MUNICIPALITIES BASE POPULATION 2001-2021

MUNICIPALITY	YEAR	YEAR	YEAR	YEAR	YEAR	Population Change (%)
	2001	2006	2011	2016	2021	2016-2021
Arrowwood	196	221	188	207	188	-9.18%
Barnwell	548	613	771	947	978	3.27%
Barons	284	276	315	341	313	-8.21%
Bassano	1320	1345	1282	1206	1216	0.83%
Brooks	11604	12498	13676	14451	14924	3.27%
Cardston	3475	3452	3580	3585	3724	3.88%
Carmangay	255	336	367	242	269	11.16%
Champion	355	364	378	317	351	10.73%
Claresholm	3622	3700	3758	3780	3804	0.63%
Coalhurst	1476	1523	1963	2668	2869	7.53%
Coutts	364	305	277	245	224	-8.57%
Cowley	225	219	236	209	216	3.35%
Crowsnest Pass *+	6262	5749	5565	5589	5695	1.90%
Duchess	836	978	992	1085	1053	-2.95%
Fort Macleod	2990	3072	3117	2967	3297	11.12%
Glenwood	258	280	287	316	272	-13.92%
Granum *	392	415	447	406	0	-
Grassy Lake **	0	0	0	0	0	-
Hill Spring	193	192	186	162	168	3.70%
Lomond	171	175	173	166	178	7.23%
Magrath	1993	2081	2217	2374	2481	4.51%
Milk River	879	816	811	827	824	-0.36%
Milo	115	100	122	91	136	49.45%
Nanton ++	1841	2055	2132	2181	2167	-0.64%
Nobleford	615	689	1000	1278	1438	12.52%
Picture Butte	1701	1592	1650	1810	1930	6.63%
Pincher Creek	3666	3625	3685	3642	3622	-0.55%
Raymond	3200	3205	3743	3708	4199	13.24%
Stavelly	442	435	505	541	544	0.55%

Table 1 – Base Population Data (used in projections)

ORRSC REGION MUNICIPALITIES BASE POPULATION 2001-2021

MUNICIPALITY	YEAR	YEAR	YEAR	YEAR	YEAR	Population Change (%)
	2001	2006	2011	2016	2021	2016-2021
<i>Stirling</i>	877	921	1090	978	1164	19.02%
<i>Vauxhall</i>	1112	1069	1288	1222	1286	5.24%
<i>Vulcan</i>	1762	1940	1836	1917	1769	-7.72%
<i>Warner</i>	379	307	331	373	364	-2.41%
<i>Cardston County</i>	4325	4037	4167	4481	4856	8.37%
<i>Lethbridge County</i>	9930	10302	10061	10353	10120	-2.25%
<i>MD of Pincher Creek No.9</i>	3197	3309	3158	2965	3240	9.27%
<i>MD of Ranchland No. 66 ***</i>	96	86	79	92	110	19.57%
<i>M.D. Taber +</i>	6012	6280	6851	7098	7447	4.92%
<i>Vulcan County</i>	3778	3718	3875	3984	4237	6.35%
<i>County of Warner ++</i>	3798	3674	3841	3947	4290	8.69%
<i>MD of Willow Creek No. 26 ~</i>	5412	5337	5107	5179	6081	17.42%
ORSSC Region	89956	91291	95107	97930	102044	4.20%
Significant Non-ORRSC Municipalities within the ORRSC region.						
City of Lethbridge	67374	74637	83517	92729	98406	6.12%
Town of Coaldale	6008	6177	7493	8215	8771	6.77%
Town of Taber	7671	7591	8104	8428	8862	5.15%
County of Newell	7137	6862	7138	7524	7465	-0.78%

This table was last updated in 2022 following the release of the 2021 Census of Population data in February 2022.

* Granum was incorporated into the M.D. of Willow Creek in 2020

** Grassy Lake was incorporated into the M.D. of Taber in 1994

+ Population for M.D. of Taber after 1996 Census data includes Grassy Lake

++ Revised 2016 counts are provided for Nanton and County of Warner

~ Population for M.D. of Willow Creek for 2021 Census and subsequent years includes Granum

*** M.D. of Ranchland 1991 census population is from I.D. No. 6,
which became M.D. of Ranchland, including slight boundary changes, in 1995.

Statistics Canada Census information from 1991, 1996, 2001, 2006 & 2011

*+ The Crowsnest Pass is a specialized municipality that was formed in 1979 through the amalgamation of Blairmore, Bellevue, Coleman, Frank and a portion of I.D. No. 5. Upon the creation of the M.D. of Ranchland in 1995, the Crowsnest Pass also incorporated a portion of I.D. No. 6.

POPULATION PROJECTIONS BY METHOD

The methods used can be classified into two general categories:

1. **Mathematical Extrapolation**, where a straight line is used to extend a population trend of the past into the future.
2. **Cohort Component Method**, where the population is split age and sex groups and the computations show the results of the interaction of fertility, mortality, and mobility.

1. Mathematical Extrapolation

Two mathematical extrapolation methods have been used: the Arithmetic and the Logarithmic Straight Line. One may be more suitable than the other depending on which line fits the past population trend best.

Advantages and Disadvantages

It is the simplest and quickest way to obtain a projected population.

It can lead to unreasonable population projections, as the basic assumption of a particular rate of growth continuing in the future would mean fast growing populations would have larger and larger gains, while declining populations would ultimately result in no population, or mathematically displaying a negative population (for example, Coutts and Glenwood).

Although unlimited increase or decrease can be controlled with logical implications such as in a logistic curve, it still has little correspondence with the forces of population change, and there is generally no useful meaning to the concept of an upper limit to population change.

Utility

Provides a quick description of underlying growth or decline in a population, without any further analysis.

Generally useful only for a short range (5 years) and very long range (50+ years) projections where no age and sex details are needed.

Plotting the information on a graph would help determine whether an arithmetic or logarithmic line would provide the best description of the trend.

ARITHMETIC STRAIGHT LINE TREND

Method

Fits a straight line trend by the method of least squares to a quinquennial series of population values (2001 to 2021) and projects that trend to the year 2046. For detailed calculations see Appendix A.

Specific Assumptions

Population changes by a regular amount in each time period and all else remains equal. For example: Milo will continue to increase by 3.3 people every 5 years, and Claresholm will continue to increase by 44.4.

Projected Data See Table 2 for Arithmetic Straight Line Projections for each of the 43 municipalities in the region.

The equation: $Y_t = a + bx$

Y_t	= pop. at time t
a	= intercept
b	= slope
x	= time

Table 2 – Arithmetic Straight Line Projections

POPULATION PROJECTION: ARITHMETIC STRAIGHT LINE TREND										
	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>
MUNICIPALITY	2001	2006	2011	2016	2021	2026	2031	2036	2041	2046
Arrowwood	196	221	188	207	188	191	188	185	182	179
Barnwell	548	613	771	947	978	1130	1249	1368	1488	1607
Barons	284	276	315	341	313	343	355	367	380	392
Bassano	1320	1345	1282	1206	1216	1170	1135	1100	1066	1031
Brooks	11604	12498	13676	14451	14924	16009	16868	17727	18586	19446
Cardston	3475	3452	3580	3585	3724	3753	3816	3879	3942	4005
Carmangay	255	336	367	242	269	274	267	261	254	248
Champion	355	364	378	317	351	337	331	326	320	315
Claresholm	3622	3700	3758	3780	3804	3866	3910	3955	3999	4044
Coalhurst	1476	1523	1963	2668	2869	3279	3672	4065	4458	4852
Coutts	364	305	277	245	224	181	147	113	79	45
Cowley	225	219	236	209	216	213	210	207	204	201
Crowsnest Pass **	6262	5749	5565	5589	5695	5384	5254	5125	4996	4866
Duchess	836	978	992	1085	1053	1151	1205	1259	1313	1368
Fort Macleod	2990	3072	3117	2967	3297	3241	3292	3343	3394	3445
Glenwood	258	280	287	316	272	302	308	315	321	327
Granum *	392	415	447	406	0	0	0	0	0	0
Grassy Lake **	0	0	0	0	0	0	0	0	0	0
Hill Spring	193	192	186	162	168	156	148	140	132	124
Lomond	171	175	173	166	178	174	175	175	176	176
Magrath	1993	2081	2217	2374	2481	2610	2737	2864	2991	3118
Milk River	879	816	811	827	824	802	792	782	772	762
Milo	115	100	122	91	136	123	126	129	133	136

Table 2 – Arithmetic Straight Line Projections

	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>
MUNICIPALITY	2001	2006	2011	2016	2021	2026	2031	2036	2041	2046
Nanton ++	1841	2055	2132	2181	2167	2309	2386	2464	2542	2620
Nobleford	615	689	1000	1278	1438	1675	1898	2122	2345	2569
Picture Butte	1701	1592	1650	1810	1930	1939	2007	2075	2142	2210
Pincher Creek	3666	3625	3685	3642	3622	3627	3620	3613	3605	3598
Raymond	3200	3205	3743	3708	4199	4361	4611	4862	5112	5362
Stavely	442	435	505	541	544	586	617	648	679	710
Stirling	877	921	1090	978	1164	1195	1258	1322	1385	1448
Vauxhall	1112	1069	1288	1222	1286	1346	1396	1446	1496	1546
Vulcan	1762	1940	1836	1917	1769	1842	1841	1840	1839	1839
Warner	379	307	331	373	364	362	365	369	372	376
Cardston County	4325	4037	4167	4481	4856	4825	4976	5126	5277	5427
Lethbridge County	9930	10302	10061	10353	10120	10283	10326	10369	10412	10455
M.D. Pincher Creek	3197	3309	3158	2965	3240	3096	3071	3045	3019	2993
M.D. Ranchland ***	96	86	79	92	110	103	106	110	113	116
M.D. Taber+	6012	6280	6851	7098	7447	7844	8213	8582	8950	9319
Vulcan County	3778	3718	3875	3984	4237	4274	4392	4510	4629	4747
County of Warner ++	3798	3674	3841	3947	4290	4287	4413	4539	4664	4790
M.D. Willow Creek ~	5412	5337	5107	5179	6081	5777	5895	6013	6131	6249
ORRSC Region	89956	91291	95107	97930	102044	104510	107592	110673	113755	116836
Significant Non-ORRSC Municipalities within the ORRSC region.										
City of Lethbridge	67374	74637	83517	92729	98406	107379	115395	123411	131426	139442
Town of Coaldale	6008	6177	7493	8331	8771	9660	10428	11196	11964	12732
Town of Taber	7671	7591	8104	8428	8862	9097	9419	9741	10063	10385
County of Newell	7137	6862	7138	7524	7465	7621	7752	7884	8016	8148
Statistics Canada Census: 2001, 2006, 2011, 2016, 2021 (For detailed calculations see Appendix A)										
* Granum was incorporated into the M.D. of Willow Creek in 2020										
** Grassy Lake was incorporated into the M.D. of Taber in 1994										
+ Population for M.D. of Taber after 1996 Census data includes Grassy Lake										
++ Revised 2016 counts are provided for Nanton and County of Warner										
~ Population for M.D. of Willow Creek for 2021 Census and subsequent years includes Granum										
*** M.D. of Ranchland 1991 census population is from I.D. No. 6,										
which became M.D. of Ranchland, including slight boundary changes, in 1995.										
*+ The Crowsnest Pass is a specialized municipality that was formed in 1979 through the amalgamation of										
Blairmore, Bellevue, Coleman, Frank and a portion of I.D. No. 5. Upon the creation of the M.D. of Ranchland in 1995,										
the Crowsnest Pass also incorporated a portion of I.D. No. 6.										

LOGARITHMIC STRAIGHT LINE TREND

Method

Describes the percentage rates of change taking place in a quinquennial series of population values (2001 to 2021) and extrapolates the population to the year 2046. For calculations see Appendix B.

Specific Assumptions

Populations increase or decrease at a constant percentage rate and all else remains equal. For example, Barnwell will continue to increase by 15.9 percent in population every five years and Coalhurst will continue to increase by 18.9 percent.

Projection Data

See Table 3 for Logarithmic Straight Line Projections for each of the 43 municipalities in the region.

The equation: $\text{Log}Y_t = a + bx$

Y_t = pop. at time t
 a = intercept
 b = slope
 x = time

Table 3 – Logarithmic Straight Line Projections

POPULATION PROJECTION: LOGARITHMIC STRAIGHT LINE TREND										
	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR
MUNICIPALITY	2001	2006	2011	2016	2021	2026	2031	2036	2041	2046
Arrowwood	196	221	188	207	188	191	188	185	183	180
Barnwell	548	613	771	947	978	1212	1422	1667	1955	2293
Barons	284	276	315	341	313	344	359	374	389	405
Bassano	1320	1345	1282	1206	1216	1172	1141	1110	1080	1051
Brooks	11604	12498	13676	14451	14924	16245	17333	18495	19734	21056
Cardston	3475	3452	3580	3585	3724	3755	3822	3890	3959	4030
Carmangay	255	336	367	242	269	271	265	260	254	248
Champion	355	364	378	317	351	336	330	325	320	315
Claresholm	3622	3700	3758	3780	3804	3868	3915	3962	4010	4058
Coalhurst	1476	1523	1963	2668	2869	3564	4306	5201	6283	7590
Coutts	364	305	277	245	224	195	173	154	137	121
Cowley	225	219	236	209	216	212	210	207	204	202
Crowsnest Pass **	6262	5749	5565	5589	5695	5401	5285	5171	5059	4950
Duchess	836	978	992	1085	1053	1167	1235	1307	1383	1463
Fort Macleod	2990	3072	3117	2967	3297	3239	3291	3345	3399	3454
Glenwood	258	280	287	316	272	302	309	316	323	330
Granum *	392	415	447	406	0	0	0	0	0	0
Grassy Lake **	0	0	0	0	0	0	0	0	0	0
Hill Spring	193	192	186	162	168	157	150	144	137	131
Lomond	171	175	173	166	178	174	174	175	175	176
Magrath	1993	2081	2217	2374	2481	2636	2791	2954	3128	3311
Milk River	879	816	811	827	824	803	793	784	775	766
Milo	115	100	122	91	136	120	123	126	129	132

Table 3 – Logarithmic Straight Line Projections

	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR	YEAR
MUNICIPALITY	2001	2006	2011	2016	2021	2026	2031	2036	2041	2046
Nanton ++	1841	2055	2132	2181	2167	2325	2417	2512	2610	2713
Nobleford	615	689	1000	1278	1438	1906	2403	3029	3819	4814
Picture Butte	1701	1592	1650	1810	1930	1942	2018	2096	2177	2262
Pincher Creek	3666	3625	3685	3642	3622	3627	3620	3613	3606	3599
Raymond	3200	3205	3743	3708	4199	4417	4732	5069	5431	5818
Stavelly	442	435	505	541	544	594	633	674	718	765
Stirling	877	921	1090	978	1164	1207	1285	1368	1457	1551
Vauxhall	1112	1069	1288	1222	1286	1354	1413	1474	1538	1604
Vulcan	1762	1940	1836	1917	1769	1841	1840	1840	1839	1838
Warner	379	307	331	373	364	362	366	370	374	379
Cardston County	4325	4037	4167	4481	4856	4827	4992	5162	5339	5521
Lethbridge County	9930	10302	10061	10353	10120	10283	10327	10372	10416	10461
M.D. Pincher Creek	3197	3309	3158	2965	3240	3094	3068	3043	3017	2993
M.D. Ranchland ***	96	86	79	92	110	102	105	109	113	117
M.D. Taber+	6012	6280	6851	7098	7447	7923	8372	8845	9346	9875
Vulcan County	3778	3718	3875	3984	4237	4281	4410	4544	4682	4824
County of Warner ++	3798	3674	3841	3947	4290	4292	4429	4571	4718	4869
M.D. Willow Creek ~	5412	5337	5107	5179	6081	5753	5871	5991	6114	6239
ORRSC Region	89956	91291	95107	97930	102044	104828	108262	111809	115472	119255
Significant Non-ORRSC Municipalities within the ORRSC region.										
City of Lethbridge	67374	74637	83517	92729	98406	110583	121904	134385	148144	163311
Town of Coaldale	6008	6177	7493	8331	8771	9980	11092	12327	13700	15226
Town of Taber	7671	7591	8104	8428	8862	9134	9500	9881	10278	10690
County of Newell	7137	6862	7138	7524	7465	7626	7766	7909	8054	8202
Statistics Canada Census: 2001, 2006, 2011, 2016, 2021 (For detailed calculations see Appendix A)										
* Granum was incorporated into the M.D. of Willow Creek in 2020										
** Grassy Lake was incorporated into the M.D. of Taber in 1994										
+ Population for M.D. of Taber after 1996 Census data includes Grassy Lake										
++ Revised 2016 counts are provided for Nanton and County of Warner										
~ Population for M.D. of Willow Creek for 2021 Census and subsequent years includes Granum										
*** M.D. of Ranchland 1991 census population is from I.D. No. 6,										
which became M.D. of Ranchland, including slight boundary changes, in 1995.										
*+ The Crowsnest Pass is a specialized municipality that was formed in 1979 through the amalgamation of										
Blairmore, Bellevue, Coleman, Frank and a portion of I.D. No. 5. Upon the creation of the M.D. of Ranchland in 1995,										
the Crowsnest Pass also incorporated a portion of I.D. No. 6.										

2. Cohort Component Method

Advantages and Disadvantages

It is considered the most reliable of the available methodologies because it makes better use of the available data and tested demographic theory. For example, it takes into account the elements of fertility, mortality, and mobility.

It provides unique flexibility in projecting population as it allows for planned change and for local changes not systematically included in the calculations. Thus, each element: migration, fertility, birth and death ratios may be changed as desired.

As with all population projections, the component method can produce unreasonable results if the base time period was one of unusually strong or weak growth, or if the projection is applied too far into the future.

Again, the smaller the population, the greater the possibility of error.

The sum of separately projected components, such as age and sex groups, is generally more reliable as a projection of total population than a projection of the single aggregate for periods of 10 to 40 years.

Utility

Useful where projections are needed by age and sex groupings.

Provides the flexibility of altering migration rates due to anticipated or assumed changes in economic conditions.

GENERAL COHORT SURVIVAL

Method

The starting point is the 'age-sex' distribution of the population at the chosen census period (2021 Census, Statistics Canada). The 5-year provincial age and sex-specific survival rates for 2015-2019 (Alberta Health, Analytics and Performance Reporting Branch) and Census Division age-specific fertility rates for 2015-2019 (Statistics Canada & Alberta Vital Statistics) are applied to the population and held constant for the duration of the projection period. Migration is noted on the basis of the number of net migrants in the time period and is also held as a constant. Computations are usually by five-year age groups with projected results in five-year intervals.

Special procedures are required to obtain the population under five years of age in the projected periods (2026, 2031, 2036, 2041, 2046). For example, to determine the number of births and survivors between 2021 and 2026 in the 0-4 age group, the number of females in each of the childbearing age groups (15-49) are multiplied by the appropriate quinquennial fertility rate. The result is multiplied by the appropriate survivorship rate. This accounts for the number of children born between 2021 and 2026. To allocate the children to male or female categories, the Alberta Provincial Birth rate of 51 percent male to 49 percent female is used. These figures represent the number of children that would appear in the 2026 Census if natural increases were all that influenced population growth. If the actual 2026 figures are different, one can reasonably assume that in-migration or out-migration has occurred.

To arrive at the projected migration rates, past trends are used. Three options for growth are provided. The first uses the last five years for the historical base period. The actual 2016 population is projected to 2021 and then compared with the actual 2021 figures to arrive at a net migration factor for each age group.

As research has shown increasing the base period from 5 to 10 years increased the accuracy of 10, 20, and 30-year projections, a second alternative migration factor is provided. Migration rates are calculated for the 2011 - 2016 period and then averaged with the

2016-2021 rates, resulting in an option for growth based on the last 10 years.

Increasing the historical base to 20 years (2001 to 2021), can bring further improvements in accuracy in many cases, and provides the third option for growth.

Given the instabilities of growth rates and the tendency for extreme rates to moderate, the strategy of averaging migration rates seems to offer an improvement over using rates from the most recent period. Yet, the average rates do not necessarily offer the best projection strategy for specific places. When making projections for a few places, the analyst should at least try to decide which period's rates are the best indicator of the future. What led to past changes in the rates, and how might they change again? Which observed rates might best indicate the future? Another useful option is to compare both average and most recent rates. Comparing the numbers identifies places where growth has been unstable, and where more inquiry and thoughtful forecasts might be worthwhile.

Specific Assumptions

As birth and death rates are not consistently available by municipality, the provincial figures have been used and held constant throughout the projected period.

A migration rate unique to each municipality, once calculated, has been held constant throughout the projected period.

The population of the specific age group category of each census period (2001, 2006, 2011, 2016, 2021) was rounded to the nearest 5 in the census. Therefore the information input for the 5, 10 and 20 year cohort projections was input at 5 person rounded intervals. However, the resulting projections produced numbers that were not rounded.

Municipalities that display a negative population projection are assumed to have a population of 0 as no population can be negative

people. However, the negative number has been used in order to properly indicate the trend that has occurred.

SUMMARY

It is important to note that, although projections relate to the future, they depend on the extension of past trends with no reference to actual data during the projection period. They can sometimes be viewed as mechanical and unrealistic. However, the element of judgement and reasoning is essential in choosing the best projection for planning purposes.

When the user wants to know what the future population of a municipality will be, this report supplies a starting point. Once the municipality has been selected, the projection methods must be carefully evaluated, as well as the specific assumptions established within the methods. Further calculations altering assumptions in any of the methods can still be done quickly and simply. For example, if the fertility rate used in the cohort component method is not high enough, a simple recalculation on the computer can yield more applicable results.

A comparison of negative or positive population trends throughout the ORRSC region (numbers in the tables below do not include the City of Lethbridge, the Town of Coaldale, the Town of Taber or the County of Newell, as they are not ORRSC members) have been indicated below for the past 5 census periods (2001, 2006, 2011, 2016, 2021) using both the Arithmetic Projection and the Logarithmic Projections. The Cohort method was not indicated in the tables below because the method used looks at 5, 10, 20-year periods as a whole and not individual census periods. The following points have been noted:

**Table 4 –
Summary of Arithmetic Straight Line Projections**

No. of Municipalities that:	2021-2026	2026-2031	2031-2036	2036-2041	2041-2046
Gain in Population (Arithmetic)	23	24	24	26	26
Loss in Population (Arithmetic)	16	14	14	13	12
Remain the same	-	1	1	-	1

**Table 5 –
Summary of Logarithmic Straight Line Projections**

No. of Municipalities that:	2021-2026	2026-2031	2031-2036	2036-2041	2041-2046
Gain in Population (Logarithmic)	23	23	24	26	26
Loss in Population (Logarithmic)	16	15	15	13	13
Remain the same	-	1	-	-	-

The data from Table 4 shows that the arithmetic straight line projections from 2021 - 2046 estimate between 23 - 26 municipalities in the ORRSC region gaining population, while an estimated 12-16 municipalities will lose population. According to Table 5, using the logarithmic straight line projection, a projected 23 - 26 ORRSC municipalities will experience a gain in population between 2021 and 2046. During this same time period, using the same projection

method, an estimated 13 - 16 ORRSC municipalities will experience a loss in population.

In the last 20 years, 9 of the 43 municipalities showed a positive population growth in every 5-year period. The Village of Coutts showed negative growth every 5 years over the last 20. In the remaining 33 municipalities, the projection results vary between positive and negative growth through various 5-year census periods, but many have experienced more positive overall growth than negative. This is a direct result of a fluctuating population trend. On the whole, projections based on a 20-year trend reflect the best-case scenario, i.e. the highest gains and least losses.

In conclusion, population projections should be regarded as flexible guides for the future requiring judgment, reasoning and constant revision. Changing conditions in the municipality can alter the choice of projection to be used.

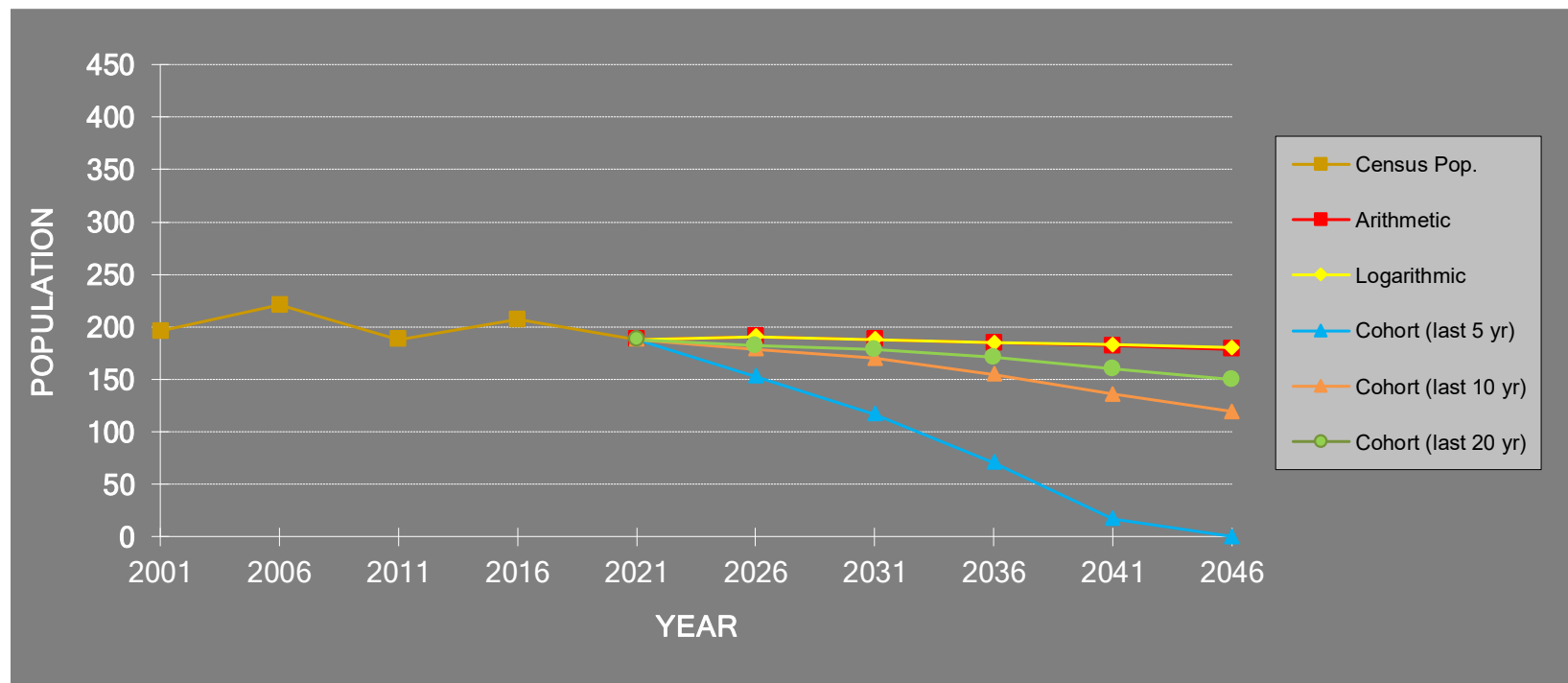
COHORT SURVIVAL PROJECTIONS INDEX (by Municipality)

Arrowwood.....	18
Barnwell.....	22
Barons	26
Bassano.....	30
Brooks	34
Cardston	38
Carmangay	42
Champion	46
Claresholm	50
Coaldale	54
Coalhurst	58
Coutts	62
Cowley.....	66
Crowsnest Pass.....	70
Duchess.....	74
Fort Macleod.....	78
Glenwood	82
Hill Spring	86
Lethbridge.....	90
Lomond.....	94
Magrath	98
Milk River	102
Milo	106
Nanton	110
Nobleford	114
Picture Butte	118
Pincher Creek	122
Raymond	126
Stavely.....	130
Stirling.....	134
Taber	138
Vauxhall.....	142
Vulcan.....	146
Warner.....	150

Cardston County	154
Lethbridge County.....	158
County of Newell	162
Municipal District of Pincher Creek	166
Municipal District of Ranchland	170
Municipal District of Taber	174
Vulcan County.....	178
County of Warner	182
Municipal District of Willow Creek.....	186

ARROWWOOD

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	196					
2006	221					
2011	188					
2016	207					
2021	188	188	188	188	188	188
2026		191	191	153	179	182
2031		188	188	117	170	179
2036		185	185	71	155	171
2041		182	183	17	136	160
2046		179	180	0	119	150



Municipality: **ARROWWOOD**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	5	5	5	3	3	-2	-1	-6	-6	-8	-7
5-9	15	10	4	4	4	4	2	2	-3	-2	-7	-7
10-14	5	5	20	10	9	4	9	4	7	2	2	-2
15-19	5	5	0	0	15	5	4	-1	4	-1	2	-3
20-24	10	5	5	-5	0	-10	15	-5	4	-11	4	-11
25-29	5	5	15	5	10	-5	5	-10	20	-5	9	-11
30-34	5	5	5	5	15	5	10	-5	5	-10	20	-5
35-39	5	5	5	5	5	5	15	5	10	-5	5	-10
40-44	0	0	0	5	0	5	0	5	10	5	5	-5
45-49	5	5	-5	-10	-5	-5	-5	-5	-5	-5	5	-5
50-54	5	0	0	5	-10	-10	-10	-5	-10	-5	-10	-5
55-59	10	5	5	-5	0	0	-10	-15	-10	-10	-10	-10
60-64	5	5	10	5	5	-5	0	0	-10	-15	-10	-10
65-69	5	10	5	5	10	5	5	-5	0	0	-10	-15
70+	10	20	10	35	10	43	16	52	16	50	11	54
TOTAL	95	90	85	69	72	45	55	17	33	-16	9	-51
TOTAL	188		153		117		71		17		-42	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-1	-1					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		-5	-5					
15-19	0.999457	0.999689	0.0612	0	-10	0	0	0	0	0
20-24	0.999036	0.999418	0.3801	5	0	2	-2	-4	-2	-4
25-29	0.998868	0.999579	0.8009	0	0	4	4	-4	-8	-4
30-34	0.998687	0.999520	0.6208	0	0	3	3	3	-3	-6
35-39	0.998757	0.999240	0.2312	-5	0	1	1	1	1	-1
40-44	0.998077	0.998940	0.0394	-5	-10	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-5	0	0	0	0	0	0
50-54	0.996162	0.997438		0	-5					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		0	0					
65-69	0.986250	0.990957		5	0					
70+	0.948021	0.954656		-9	5					
TOTAL				-15	-25	10	7	-3	-12	-15
TOTAL				-40						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **ARROWWOOD**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	5	5	5	4	4	1	1	0	0	0	0
5-9	15	10	7	7	7	7	6	6	3	3	1	2
10-14	5	5	18	10	9	7	10	7	8	6	5	3
15-19	5	5	0	5	13	10	4	7	5	7	3	6
20-24	10	5	5	-3	0	-2	13	3	4	-1	5	0
25-29	5	5	12	5	7	-2	3	-2	15	3	7	-1
30-34	5	5	5	5	12	5	7	-2	3	-2	15	3
35-39	5	5	7	5	7	5	15	5	10	-2	5	-2
40-44	0	0	3	7	5	7	5	7	12	7	7	0
45-49	5	5	-2	-5	0	2	2	2	2	2	10	2
50-54	5	0	3	5	-5	-5	-2	2	0	2	0	2
55-59	10	5	7	-2	5	2	-2	-7	0	0	3	0
60-64	5	5	7	5	5	-2	3	2	-5	-7	-2	0
65-69	5	10	2	7	5	7	2	0	0	5	-7	-5
70+	10	20	13	29	13	36	15	42	15	41	13	44
TOTAL	95	90	92	87	88	81	81	73	73	64	65	54
TOTAL	188		179		170		155		136		119	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		2	2					
5-9	0.999919	0.999931		3	0					
10-14	0.999828	0.999880		-5	0					
15-19	0.999457	0.999689	0.0612	0	-7	0	0	1	0	0
20-24	0.999036	0.999418	0.3801	3	0	2	-1	-1	1	0
25-29	0.998868	0.999579	0.8009	0	0	4	4	-2	-2	2
30-34	0.998687	0.999520	0.6208	3	0	3	3	3	-2	-2
35-39	0.998757	0.999240	0.2312	-2	3	1	1	1	1	-1
40-44	0.998077	0.998940	0.0394	-2	-5	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-2	0	0	0	0	0	0
50-54	0.996162	0.997438		3	-2					
55-59	0.994412	0.996295		-2	0					
60-64	0.990746	0.994351		-2	3					
65-69	0.986250	0.990957		5	-2					
70+	0.948021	0.954656		-7	3					
TOTAL				-7	-7	10	8	2	-1	0
TOTAL				-15						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **ARROWWOOD**

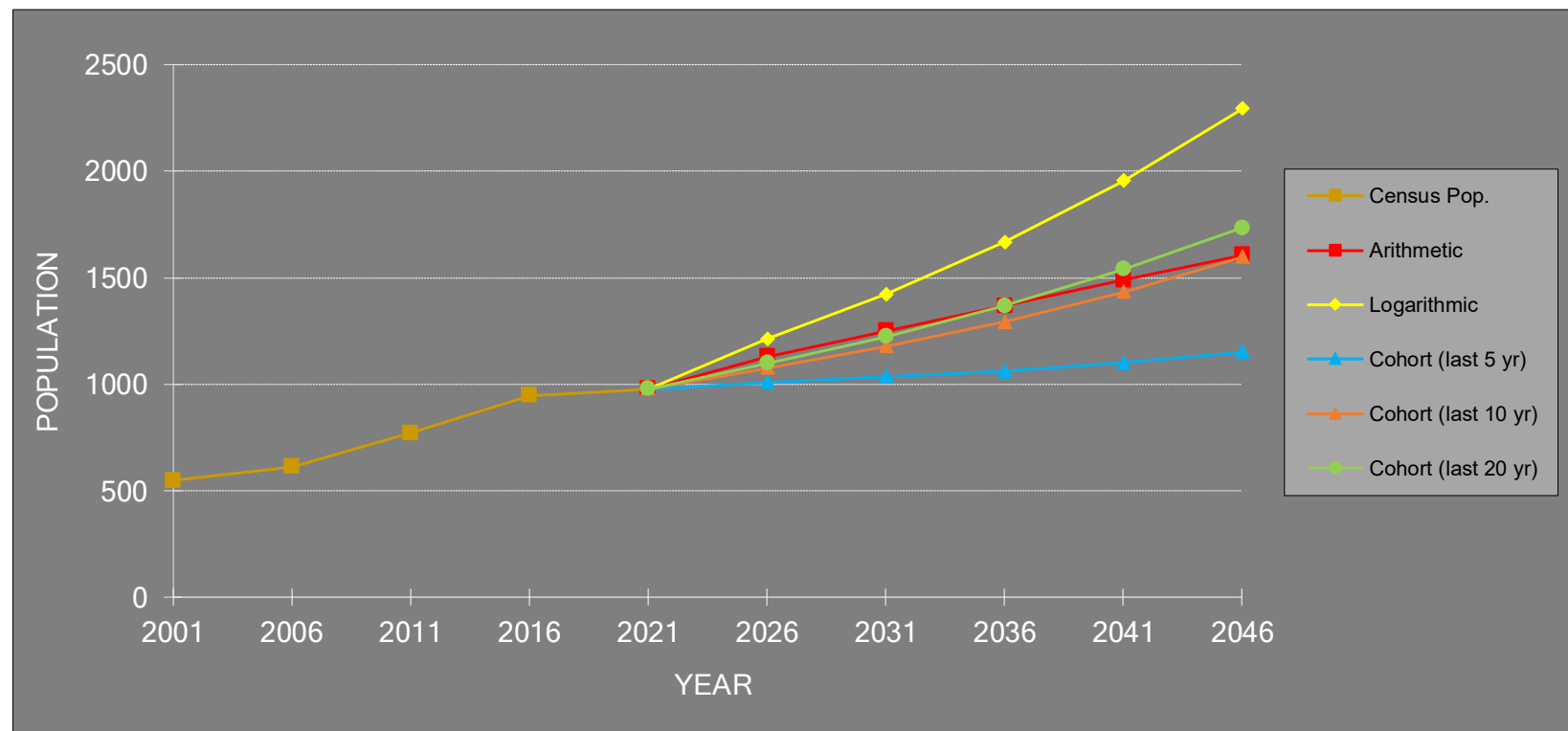
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	5	5	5	5	5	3	3	2	1	2	2
5-9	15	10	7	10	8	10	7	10	6	8	4	6
10-14	5	5	16	9	9	9	9	9	9	9	7	7
15-19	5	5	2	3	14	6	6	6	6	6	6	6
20-24	10	5	2	0	0	-2	11	1	4	1	4	1
25-29	5	5	10	6	2	1	0	-1	11	3	4	3
30-34	5	5	6	6	11	7	4	3	1	0	12	4
35-39	5	5	6	4	7	5	12	6	5	1	3	-1
40-44	0	0	4	5	5	4	6	5	11	6	4	1
45-49	5	5	0	-1	4	4	5	3	6	4	11	5
50-54	5	0	3	3	-2	-4	1	1	3	0	4	1
55-59	10	5	7	-1	5	1	0	-5	4	0	5	-1
60-64	5	5	10	6	7	0	5	3	0	-4	4	1
65-69	5	10	2	6	7	7	5	1	2	4	-2	-2
70+	10	20	13	27	13	30	17	34	20	32	19	32
TOTAL	95	90	95	87	95	84	93	79	89	72	85	65
TOTAL	188		182		179		171		160		150	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		2	5					
5-9	0.999919	0.999931		1	-1					
10-14	0.999828	0.999880		-2	-2					
15-19	0.999457	0.999689	0.0612	-2	-5	0	0	0	0	0
20-24	0.999036	0.999418	0.3801	0	1	2	0	-1	0	0
25-29	0.998868	0.999579	0.8009	1	1	4	5	1	-1	2
30-34	0.998687	0.999520	0.6208	1	-1	3	4	5	2	0
35-39	0.998757	0.999240	0.2312	-1	0	1	1	1	1	0
40-44	0.998077	0.998940	0.0394	0	-1	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-2	-2	0	0	0	0	0
50-54	0.996162	0.997438		3	-1					
55-59	0.994412	0.996295		0	1					
60-64	0.990746	0.994351		-2	1					
65-69	0.986250	0.990957		1	-1					
70+	0.948021	0.954656		-3	-1					
TOTAL				-4	-7	10	10	6	3	3
TOTAL				-11						

* Migration Period: 20-year average (2001 – 2021)

BARNWELL

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	548					
2006	613					
2011	771					
2016	947					
2021	978	978	978	978	978	978
2026		1130	1212	1010	1076	1098
2031		1249	1422	1035	1178	1224
2036		1368	1667	1061	1293	1368
2041		1488	1955	1101	1433	1539
2046		1607	2293	1152	1597	1734



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **BARNWELL**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	45	30	29	25	24	26	25	33	32	39	38
5-9	65	55	80	61	55	45	50	40	51	41	59	48
10-14	55	65	70	55	85	61	60	45	55	40	56	41
15-19	50	50	55	70	70	60	85	66	60	50	55	45
20-24	25	25	50	45	55	65	70	55	85	61	60	45
25-29	25	25	15	0	40	20	45	40	60	30	75	36
30-34	30	35	15	25	5	0	30	20	35	40	50	30
35-39	25	25	25	40	10	30	0	5	25	25	30	45
40-44	30	35	30	20	30	35	15	25	5	0	30	20
45-49	30	25	20	45	20	30	20	45	5	35	-5	10
50-54	20	20	25	25	15	45	15	30	15	45	0	35
55-59	20	20	25	15	30	20	20	40	20	25	20	40
60-64	15	20	20	25	25	20	30	25	20	45	20	30
65-69	15	15	15	25	20	30	25	25	30	30	20	50
70+	25	30	20	35	16	49	17	68	22	81	32	98
TOTAL	495	480	495	515	501	534	507	554	521	580	541	611
TOTAL	978		1010		1035		1061		1101		1152	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		25	16					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		0	5					
15-19	0.999457	0.999689	0.0620	0	-5	3	4	4	4	3
20-24	0.999036	0.999418	0.3697	-10	-25	9	17	24	20	23
25-29	0.998868	0.999579	0.6488	-10	0	16	0	13	26	19
30-34	0.998687	0.999520	0.6206	-5	5	22	16	0	12	25
35-39	0.998757	0.999240	0.2673	5	-5	7	11	8	1	7
40-44	0.998077	0.998940	0.0489	-10	10	2	1	2	1	0
45-49	0.997526	0.998567	0.0033	-5	0	0	0	0	0	0
50-54	0.996162	0.997438		5	-5					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		0	5					
65-69	0.986250	0.990957		-5	-5					
70+	0.948021	0.954656		-13	-4					
TOTAL				-17	-2	59	48	51	66	77
TOTAL				-19						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **BARNWELL**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	45	30	29	31	29	38	36	51	49	64	62
5-9	65	55	86	69	61	53	61	54	68	61	82	74
10-14	55	65	73	65	93	79	68	63	69	64	76	71
15-19	50	50	57	75	75	75	96	89	71	73	71	74
20-24	25	25	50	47	57	72	75	73	96	87	71	71
25-29	25	25	12	10	37	32	45	57	62	57	83	72
30-34	30	35	25	30	13	15	37	37	45	62	62	62
35-39	25	25	30	42	25	37	13	23	37	45	45	70
40-44	30	35	33	22	37	40	32	35	20	20	45	42
45-49	30	25	27	40	30	27	35	45	30	40	18	25
50-54	20	20	22	20	20	35	22	22	27	40	22	35
55-59	20	20	17	15	20	15	17	30	20	17	25	35
60-64	15	20	20	22	17	17	20	17	17	32	20	20
65-69	15	15	17	25	22	27	20	22	22	22	20	37
70+	25	30	30	32	37	45	49	59	58	67	69	75
TOTAL	495	480	531	545	577	601	629	663	695	738	773	824
TOTAL	978		1076		1178		1293		1433		1597	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		31	24					
5-9	0.999919	0.999931		8	10					
10-14	0.999828	0.999880		3	10					
15-19	0.999457	0.999689	0.0620	0	-2	3	5	5	6	5
20-24	0.999036	0.999418	0.3697	-12	-15	9	18	27	27	32
25-29	0.998868	0.999579	0.6488	0	5	16	6	21	37	37
30-34	0.998687	0.999520	0.6206	0	8	22	19	9	23	39
35-39	0.998757	0.999240	0.2673	8	-2	7	11	10	6	12
40-44	0.998077	0.998940	0.0489	-2	5	2	1	2	2	1
45-49	0.997526	0.998567	0.0033	-7	-5	0	0	0	0	0
50-54	0.996162	0.997438		-2	-5					
55-59	0.994412	0.996295		0	3					
60-64	0.990746	0.994351		3	5					
65-69	0.986250	0.990957		-2	-2					
70+	0.948021	0.954656		-6	-9					
TOTAL				18	29	59	60	74	101	126
TOTAL				47						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **BARNWELL**

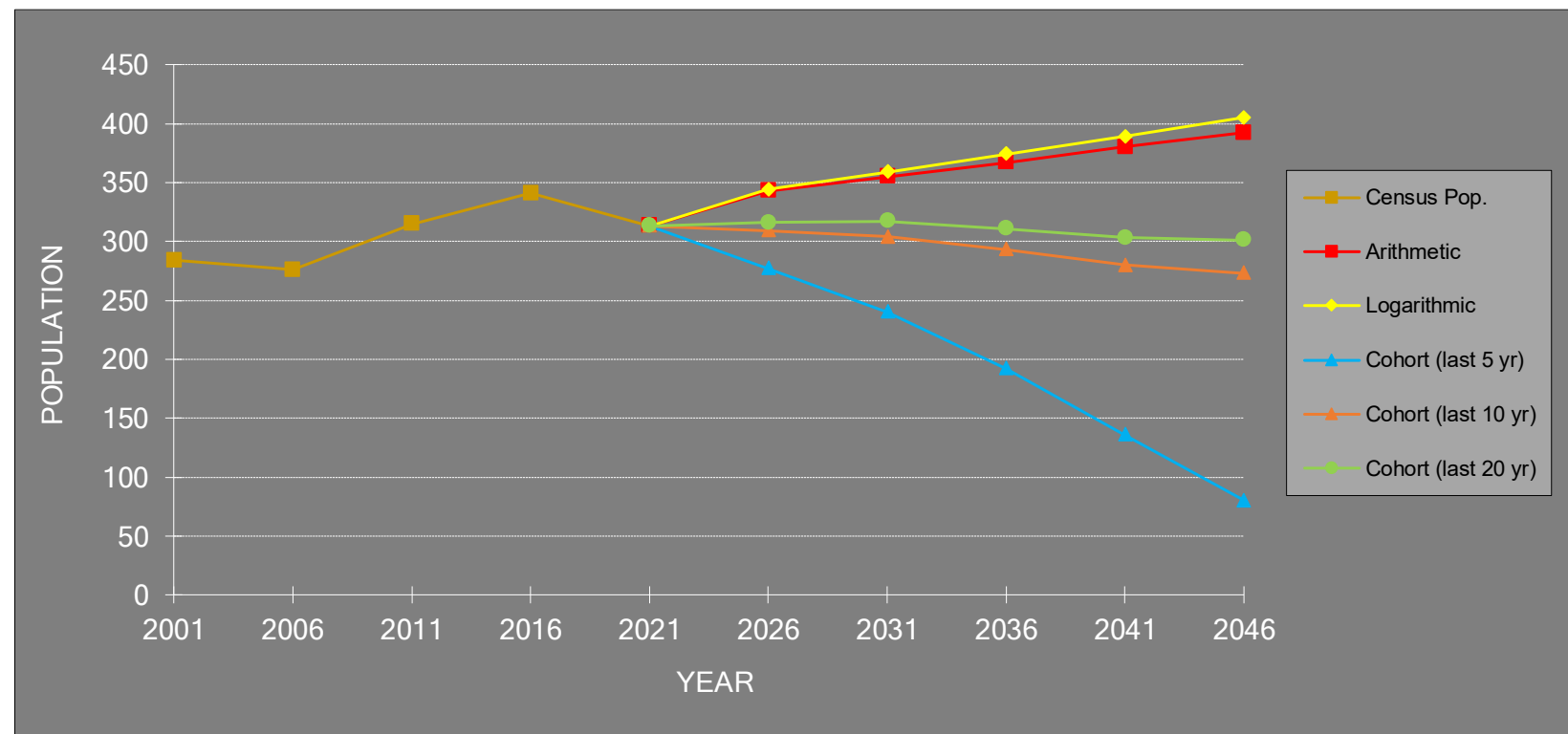
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	45	30	29	33	31	42	40	56	54	69	66
5-9	65	55	77	65	52	48	55	51	64	60	79	74
10-14	55	65	75	68	87	77	62	61	65	63	74	72
15-19	50	50	61	72	81	75	94	85	69	68	71	71
20-24	25	25	51	50	62	72	82	75	95	85	70	68
25-29	25	25	14	15	40	40	51	62	71	65	84	75
30-34	30	35	24	30	13	20	39	45	50	67	70	70
35-39	25	25	36	42	30	37	19	27	45	52	56	75
40-44	30	35	30	24	41	41	35	36	24	26	50	51
45-49	30	25	31	41	31	30	42	47	36	42	25	32
50-54	20	20	29	22	30	39	30	27	41	45	35	40
55-59	20	20	19	19	27	21	29	37	29	26	40	44
60-64	15	20	20	19	19	17	27	20	29	36	29	25
65-69	15	15	15	21	20	20	19	19	27	21	28	37
70+	25	30	31	37	37	50	47	61	56	71	72	82
TOTAL	495	480	543	554	604	621	673	695	756	783	851	882
TOTAL	978		1098		1224		1368		1539		1734	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		23	20					
5-9	0.999919	0.999931		10	13					
10-14	0.999828	0.999880		6	8					
15-19	0.999457	0.999689	0.0620	1	0	3	4	5	5	4
20-24	0.999036	0.999418	0.3697	-11	-10	9	18	27	28	31
25-29	0.998868	0.999579	0.6488	-1	5	16	10	26	41	42
30-34	0.998687	0.999520	0.6206	6	8	22	19	12	28	42
35-39	0.998757	0.999240	0.2673	5	-1	7	11	10	7	14
40-44	0.998077	0.998940	0.0489	1	6	2	1	2	2	1
45-49	0.997526	0.998567	0.0033	-1	-2	0	0	0	0	0
50-54	0.996162	0.997438		-1	-1					
55-59	0.994412	0.996295		0	-1					
60-64	0.990746	0.994351		0	1					
65-69	0.986250	0.990957		-2	0					
70+	0.948021	0.954656		-5	-6					
TOTAL				31	37	59	64	82	111	135
TOTAL				68						

* Migration Period: 20-year average (2001 – 2021)

BARONS

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	284					
2006	276					
2011	315					
2016	341					
2021	313	313	313	313	313	313
2026		343	344	277	309	316
2031		355	359	240	304	317
2036		367	374	192	293	311
2041		380	389	136	280	303
2046		392	405	80	273	301



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **BARONS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	15	15	9	9	7	7	1	1	-4	-4	-4	-4
5-9	15	15	21	22	16	16	13	13	8	8	3	3
10-14	15	5	10	15	17	22	11	16	8	13	3	8
15-19	10	5	15	-5	10	5	16	12	11	6	8	3
20-24	5	5	5	-5	10	-15	5	-5	11	2	6	-4
25-29	15	10	5	5	5	-5	10	-15	5	-5	11	2
30-34	15	10	20	15	10	10	10	0	15	-10	10	0
35-39	10	10	15	10	20	15	10	10	10	0	15	-10
40-44	10	5	5	10	10	10	15	15	5	10	5	0
45-49	5	10	10	5	5	10	10	10	15	15	5	10
50-54	15	5	5	10	10	5	5	10	10	10	15	15
55-59	10	10	20	5	10	10	15	5	10	10	15	10
60-64	15	10	5	5	15	0	5	5	10	0	5	5
65-69	5	10	15	5	5	0	15	-5	5	0	10	-5
70+	10	15	0	10	1	1	-8	-13	-7	-31	-16	-44
TOTAL	170	145	161	116	150	90	133	59	112	24	91	-11
TOTAL	313		277		240		192		136		80	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		6	7					
5-9	0.999919	0.999931		-5	0					
10-14	0.999828	0.999880		0	-10					
15-19	0.999457	0.999689	0.0620	-5	-10	0	0	0	1	0
20-24	0.999036	0.999418	0.3697	0	0	2	-2	-6	-2	1
25-29	0.998868	0.999579	0.6488	5	5	6	3	-3	-10	-3
30-34	0.998687	0.999520	0.6206	0	0	6	9	6	0	-6
35-39	0.998757	0.999240	0.2673	-5	0	3	3	4	3	0
40-44	0.998077	0.998940	0.0489	0	0	0	0	0	1	0
45-49	0.997526	0.998567	0.0033	0	0	0	0	0	0	0
50-54	0.996162	0.997438		5	0					
55-59	0.994412	0.996295		-5	-5					
60-64	0.990746	0.994351		0	-5					
65-69	0.986250	0.990957		0	5					
70+	0.948021	0.954656		-14	-19					
TOTAL				-17	-32	18	14	2	-7	-8
TOTAL				-49						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **BARONS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	15	15	9	9	7	7	4	4	3	2	5	5
5-9	15	15	24	22	18	16	16	14	13	10	11	9
10-14	15	5	13	18	21	24	16	18	14	16	10	13
15-19	10	5	17	0	15	13	24	19	18	13	16	11
20-24	5	5	5	0	12	-5	10	8	19	14	13	8
25-29	15	10	5	5	5	0	12	-5	10	8	19	14
30-34	15	10	20	13	10	8	10	3	17	-2	15	10
35-39	10	10	20	10	25	12	15	8	15	3	22	-2
40-44	10	5	8	10	17	10	22	12	12	7	12	3
45-49	5	10	7	5	5	10	15	10	20	12	10	7
50-54	15	5	5	7	7	3	5	7	15	7	20	10
55-59	10	10	20	7	10	10	12	5	10	10	20	10
60-64	15	10	5	5	15	3	5	5	7	0	5	5
65-69	5	10	12	5	3	0	12	-2	3	0	5	-5
70+	10	15	3	20	3	20	-6	15	-5	8	-13	3
TOTAL	170	145	173	136	175	129	174	120	171	109	172	102
TOTAL	313		309		304		293		280		273	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		9	7					
5-9	0.999919	0.999931		-2	3					
10-14	0.999828	0.999880		3	-5					
15-19	0.999457	0.999689	0.0620	-5	-5	0	0	1	1	1
20-24	0.999036	0.999418	0.3697	0	0	2	0	-2	3	5
25-29	0.998868	0.999579	0.6488	5	3	6	3	0	-3	5
30-34	0.998687	0.999520	0.6206	5	0	6	8	5	2	-2
35-39	0.998757	0.999240	0.2673	-2	0	3	3	3	2	1
40-44	0.998077	0.998940	0.0489	-2	0	0	0	0	1	0
45-49	0.997526	0.998567	0.0033	0	-2	0	0	0	0	0
50-54	0.996162	0.997438		5	3					
55-59	0.994412	0.996295		-5	-5					
60-64	0.990746	0.994351		-2	-5					
65-69	0.986250	0.990957		0	5					
70+	0.948021	0.954656		-12	-9					
TOTAL				-5	-12	18	14	7	5	10
TOTAL				-17						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **BARONS**

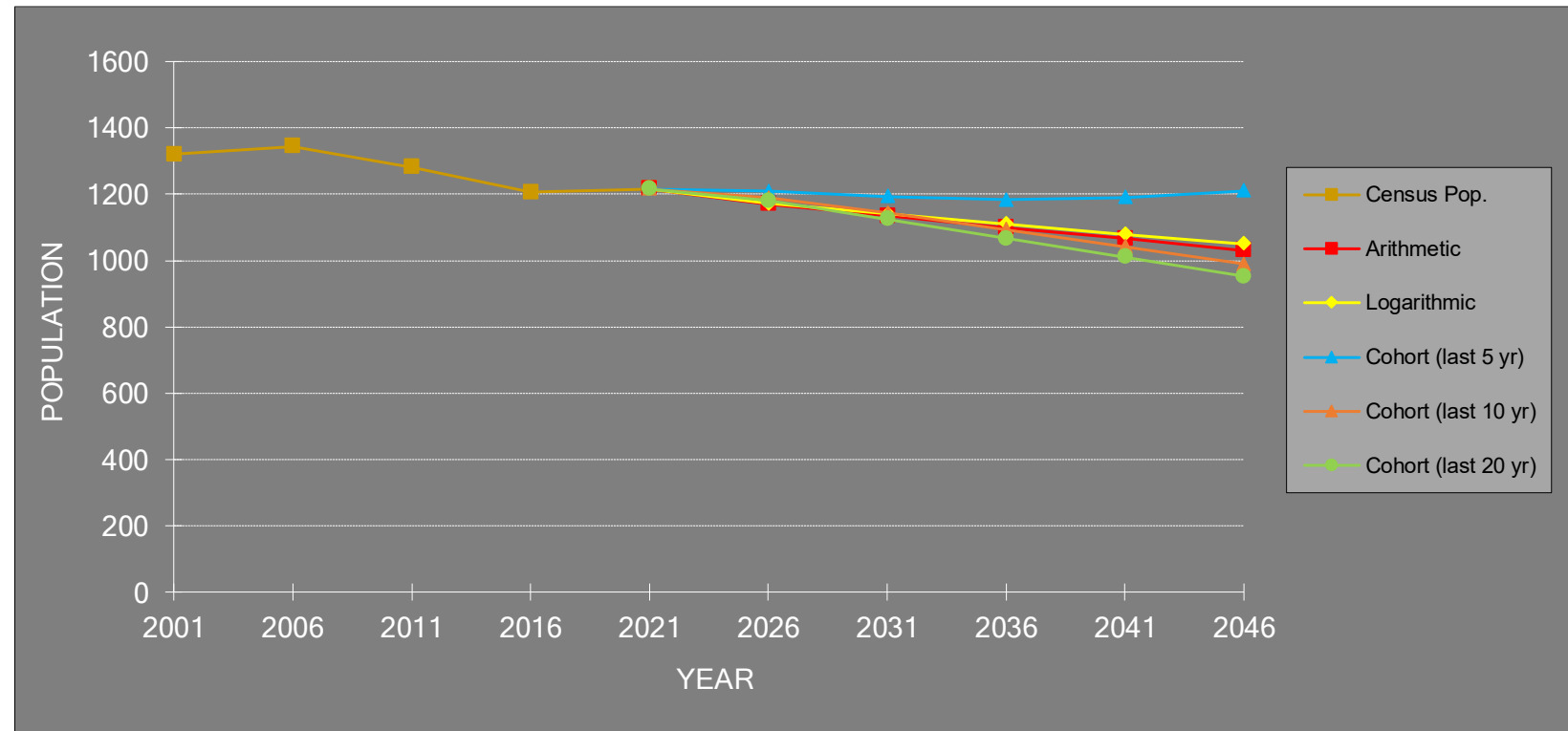
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	15	15	9	9	7	6	3	3	2	2	5	5
5-9	15	15	21	18	15	12	12	10	9	6	8	5
10-14	15	5	15	19	21	22	15	16	12	14	9	10
15-19	10	5	16	3	16	16	22	20	16	13	14	11
20-24	5	5	5	-1	11	-4	11	10	17	13	11	7
25-29	15	10	1	4	1	-2	7	-5	8	9	13	12
30-34	15	10	16	12	3	6	3	0	9	-2	9	11
35-39	10	10	21	10	22	12	9	6	9	0	15	-2
40-44	10	5	10	11	21	11	22	14	9	8	9	1
45-49	5	10	7	6	7	12	19	12	20	15	6	9
50-54	15	5	5	9	7	5	7	11	19	11	20	14
55-59	10	10	17	8	8	11	10	8	10	14	21	14
60-64	15	10	9	7	16	5	6	9	9	5	9	11
65-69	5	10	15	7	9	5	16	3	6	6	9	3
70+	10	15	6	20	11	22	10	22	17	20	13	21
TOTAL	170	145	174	142	175	142	173	138	170	133	169	131
TOTAL	313		316		317		311		303		301	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		6	3					
5-9	0.999919	0.999931		0	4					
10-14	0.999828	0.999880		1	-2					
15-19	0.999457	0.999689	0.0620	-5	-6	0	0	1	1	1
20-24	0.999036	0.999418	0.3697	-4	-1	2	0	-1	4	5
25-29	0.998868	0.999579	0.6488	1	3	6	2	-2	-3	6
30-34	0.998687	0.999520	0.6206	6	0	6	8	4	0	-2
35-39	0.998757	0.999240	0.2673	0	1	3	3	3	2	0
40-44	0.998077	0.998940	0.0489	-2	1	0	1	1	1	0
45-49	0.997526	0.998567	0.0033	0	-1	0	0	0	0	0
50-54	0.996162	0.997438		3	3					
55-59	0.994412	0.996295		-1	-2					
60-64	0.990746	0.994351		0	-2					
65-69	0.986250	0.990957		3	5					
70+	0.948021	0.954656		-11	-9					
TOTAL				-4	-6	18	13	6	4	10
TOTAL				-10						

* Migration Period: 20-year average (2001 – 2021)

BASSANO

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	1320					
2006	1345					
2011	1282					
2016	1206					
2021	1216	1216	1216	1216	1216	1216
2026		1170	1172	1209	1189	1180
2031		1135	1141	1193	1143	1125
2036		1100	1110	1184	1093	1067
2041		1066	1080	1191	1043	1011
2046		1031	1051	1210	990	953



Municipality: **BASSANO**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	20	25	27	26	26	25	30	29	37	36	43	41
5-9	20	35	12	24	19	24	19	24	22	27	30	34
10-14	45	35	15	45	8	34	14	34	14	34	17	37
15-19	40	30	55	40	25	50	18	39	24	39	24	39
20-24	35	25	55	35	70	45	40	55	33	44	39	44
25-29	25	25	30	20	50	30	65	40	35	50	28	39
30-34	40	25	20	25	25	20	45	30	60	40	30	50
35-39	25	30	55	20	35	20	40	15	60	25	75	35
40-44	35	30	25	40	55	30	35	30	40	25	60	35
45-49	35	35	40	25	30	35	60	25	40	25	45	20
50-54	55	50	35	40	40	30	30	40	60	30	40	30
55-59	35	40	60	50	40	40	45	30	35	40	65	30
60-64	55	55	35	35	60	45	40	35	45	25	35	35
65-69	50	40	50	60	30	40	54	50	35	40	40	30
70+	110	120	115	96	120	93	105	70	116	58	106	37
TOTAL	615	600	629	580	633	560	640	545	654	537	674	535
TOTAL	1216		1209		1193		1184		1191		1210	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-7	-1					
5-9	0.999919	0.999931		-5	10					
10-14	0.999828	0.999880		10	5					
15-19	0.999457	0.999689	0.0620	15	5	2	2	3	2	2
20-24	0.999036	0.999418	0.3697	-5	-5	9	13	17	20	16
25-29	0.998868	0.999579	0.6488	-5	0	16	13	19	26	32
30-34	0.998687	0.999520	0.6206	15	-5	16	16	12	19	25
35-39	0.998757	0.999240	0.2673	0	10	8	5	5	4	7
40-44	0.998077	0.998940	0.0489	5	-5	1	2	1	1	1
45-49	0.997526	0.998567	0.0033	0	5	0	0	0	0	0
50-54	0.996162	0.997438		5	0					
55-59	0.994412	0.996295		0	-5					
60-64	0.990746	0.994351		-5	5					
65-69	0.986250	0.990957		5	0					
70+	0.948021	0.954656		-44	-58					
TOTAL				-15	-39	52	51	59	73	84
TOTAL				-54						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **BASSANO**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	20	25	27	26	23	22	21	20	22	21	21	20
5-9	20	35	13	22	20	23	16	19	14	17	15	18
10-14	45	35	18	35	11	22	17	23	14	19	12	17
15-19	40	30	50	35	23	35	16	22	22	23	19	19
20-24	35	25	42	27	52	32	25	33	18	19	25	20
25-29	25	25	27	15	35	17	45	22	18	23	11	9
30-34	40	25	20	25	22	15	30	17	40	22	13	23
35-39	25	30	45	20	25	20	27	10	35	13	45	17
40-44	35	30	23	35	42	25	23	25	25	15	32	18
45-49	35	35	37	30	25	35	45	25	25	25	27	15
50-54	55	50	32	37	35	32	23	37	42	28	23	28
55-59	35	40	55	52	32	40	35	35	23	40	42	30
60-64	55	55	32	30	52	42	30	30	32	25	20	30
65-69	50	40	52	60	30	35	50	47	28	35	30	30
70+	110	120	130	135	150	168	148	176	166	195	160	202
TOTAL	615	600	604	585	579	565	551	542	523	519	495	495
TOTAL	1216		1189		1143		1093		1043		990	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-7	-3					
5-9	0.999919	0.999931		-2	0					
10-14	0.999828	0.999880		5	0					
15-19	0.999457	0.999689	0.0620	3	-2	2	2	2	1	1
20-24	0.999036	0.999418	0.3697	-7	-10	9	10	12	12	7
25-29	0.998868	0.999579	0.6488	-5	0	16	10	11	15	15
30-34	0.998687	0.999520	0.6206	5	-5	16	16	9	11	14
35-39	0.998757	0.999240	0.2673	-2	5	8	5	5	3	3
40-44	0.998077	0.998940	0.0489	3	0	1	2	1	1	1
45-49	0.997526	0.998567	0.0033	-2	3	0	0	0	0	0
50-54	0.996162	0.997438		0	3					
55-59	0.994412	0.996295		-2	-10					
60-64	0.990746	0.994351		-2	5					
65-69	0.986250	0.990957		3	3					
70+	0.948021	0.954656		-27	-22					
TOTAL				-40	-35	52	45	42	43	41
TOTAL				-74						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **BASSANO**

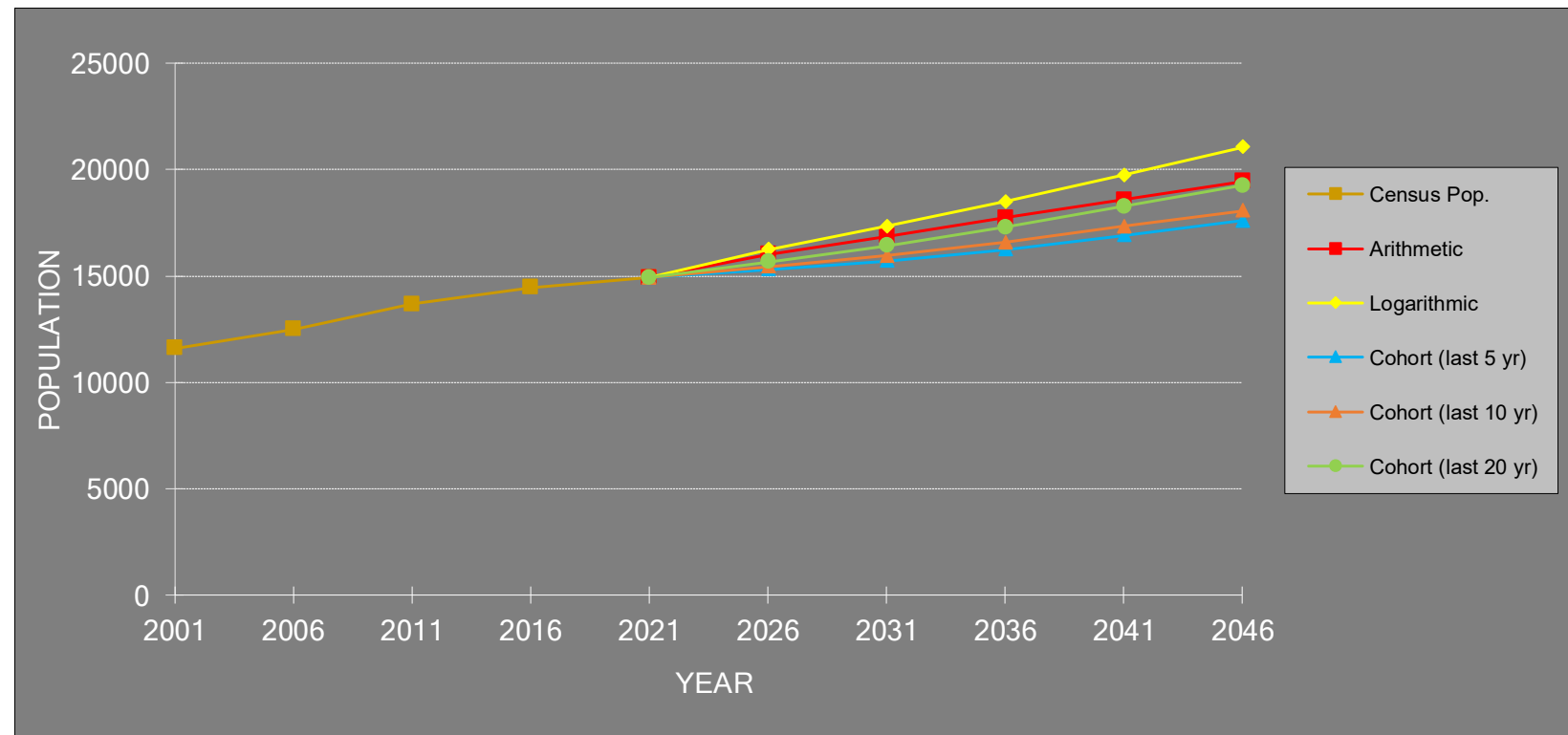
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	20	25	27	26	23	22	22	21	24	23	23	23
5-9	20	35	16	23	23	23	19	20	18	19	20	20
10-14	45	35	18	36	14	24	20	24	17	21	16	20
15-19	40	30	49	35	21	36	17	24	24	24	20	21
20-24	35	25	36	29	45	34	18	35	14	23	20	23
25-29	25	25	22	16	24	20	32	25	5	26	1	14
30-34	40	25	16	24	14	15	15	19	24	24	-4	25
35-39	25	30	39	20	15	19	13	10	14	14	22	19
40-44	35	30	26	35	40	25	16	24	14	15	15	19
45-49	35	35	37	27	29	32	42	23	19	21	16	13
50-54	55	50	35	39	37	31	29	36	42	26	19	25
55-59	35	40	54	49	34	37	36	30	28	35	41	25
60-64	55	55	34	34	52	42	32	31	35	24	26	29
65-69	50	40	55	56	34	35	52	44	32	32	35	25
70+	110	120	135	133	163	162	169	168	193	182	196	185
TOTAL	615	600	599	581	567	558	534	533	502	509	468	485
TOTAL	1216		1180		1125		1067		1011		953	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-4	-2					
5-9	0.999919	0.999931		-2	1					
10-14	0.999828	0.999880		4	0					
15-19	0.999457	0.999689	0.0620	-4	-1	2	2	2	1	2
20-24	0.999036	0.999418	0.3697	-12	-9	9	11	12	13	8
25-29	0.998868	0.999579	0.6488	-9	-1	16	11	13	16	17
30-34	0.998687	0.999520	0.6206	-1	-5	16	15	9	12	15
35-39	0.998757	0.999240	0.2673	1	5	8	5	5	3	4
40-44	0.998077	0.998940	0.0489	3	-2	1	2	1	1	1
45-49	0.997526	0.998567	0.0033	0	4	0	0	0	0	0
50-54	0.996162	0.997438		-1	-1					
55-59	0.994412	0.996295		-1	-6					
60-64	0.990746	0.994351		0	1					
65-69	0.986250	0.990957		3	4					
70+	0.948021	0.954656		-22	-25					
TOTAL				-45	-38	52	45	43	46	46
TOTAL				-83						

* Migration Period: 20-year average (2001 – 2021)

BROOKS

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	11604					
2006	12498					
2011	13676					
2016	14451					
2021	14924	14924	14924	14924	14924	14924
2026		16009	16245	15315	15428	15661
2031		16868	17333	15717	15946	16418
2036		17727	18495	16244	16580	17289
2041		18586	19734	16912	17328	18263
2046		19446	21056	17606	18077	19241



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **BROOKS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	540	485	478	459	486	467	554	532	630	605	649	624
5-9	645	535	556	466	493	440	502	448	569	513	645	586
10-14	600	605	661	526	571	457	509	431	518	439	585	504
15-19	520	565	630	665	691	586	601	517	539	491	548	499
20-24	495	415	545	625	655	725	715	645	626	577	564	551
25-29	450	405	500	365	550	575	659	675	720	595	631	526
30-34	525	480	455	460	505	420	554	630	664	729	725	650
35-39	680	585	580	485	510	465	560	425	609	635	719	734
40-44	680	620	715	580	615	480	545	460	595	420	644	629
45-49	585	515	655	610	690	570	590	470	520	450	569	410
50-54	490	380	490	500	559	595	594	554	495	455	425	435
55-59	390	380	454	350	454	469	523	564	558	524	459	424
60-64	360	325	364	350	428	319	428	438	497	533	532	493
65-69	265	280	304	314	308	339	372	309	372	427	440	521
70+	490	635	524	651	595	701	667	773	797	811	921	966
TOTAL	7705	7220	7910	7405	8110	7607	8374	7870	8708	8203	9054	8552
TOTAL	14924		15315		15717		16244		16912		17606	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		16	-18					
5-9	0.999919	0.999931		16	-9					
10-14	0.999828	0.999880		30	60					
15-19	0.999457	0.999689	0.0620	25	60	35	41	36	32	30
20-24	0.999036	0.999418	0.3697	5	-50	153	231	268	239	213
25-29	0.998868	0.999579	0.6488	5	55	263	237	373	438	386
30-34	0.998687	0.999520	0.6206	56	5	298	285	261	391	453
35-39	0.998757	0.999240	0.2673	36	-5	156	130	124	114	170
40-44	0.998077	0.998940	0.0489	-24	-10	30	28	23	22	21
45-49	0.997526	0.998567	0.0033	-94	-14	2	2	2	2	1
50-54	0.996162	0.997438		-34	-29					
55-59	0.994412	0.996295		-23	-29					
60-64	0.990746	0.994351		-53	-9					
65-69	0.986250	0.990957		-47	-23					
70+	0.948021	0.954656		-155	-209					
TOTAL				-240	-225	937	954	1087	1237	1274
TOTAL				-465						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **BROOKS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	540	485	478	459	490	471	556	534	621	596	628	603
5-9	645	535	590	486	527	460	540	472	605	535	670	597
10-14	600	605	648	496	593	446	530	420	543	432	608	495
15-19	520	565	645	650	693	541	638	491	575	465	588	477
20-24	495	415	575	615	700	700	748	590	692	541	630	515
25-29	450	405	527	377	607	577	732	662	780	553	724	503
30-34	525	480	462	468	540	440	619	640	744	724	792	615
35-39	680	585	552	480	490	468	567	440	647	640	771	724
40-44	680	620	660	602	533	497	470	485	547	457	627	657
45-49	585	515	632	650	612	632	485	527	423	515	500	487
50-54	490	380	495	487	542	622	522	604	395	500	333	487
55-59	390	380	447	350	452	457	498	591	479	573	352	469
60-64	360	325	345	347	401	317	406	423	452	557	433	540
65-69	265	280	314	299	298	321	354	291	359	397	405	530
70+	490	635	576	717	706	814	815	928	972	1008	1127	1189
TOTAL	7705	7220	7946	7482	8184	7762	8480	8100	8835	8494	9188	8889
TOTAL	14924		15428		15946		16580		17328		18077	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		50	1					
5-9	0.999919	0.999931		3	-39					
10-14	0.999828	0.999880		45	45					
15-19	0.999457	0.999689	0.0620	55	50	35	40	34	30	29
20-24	0.999036	0.999418	0.3697	33	-37	153	227	259	218	200
25-29	0.998868	0.999579	0.6488	13	63	263	245	374	430	359
30-34	0.998687	0.999520	0.6206	28	0	298	290	273	397	450
35-39	0.998757	0.999240	0.2673	-19	18	156	128	125	118	171
40-44	0.998077	0.998940	0.0489	-47	30	30	29	24	24	22
45-49	0.997526	0.998567	0.0033	-89	-27	2	2	2	2	2
50-54	0.996162	0.997438		-41	-29					
55-59	0.994412	0.996295		-43	-32					
60-64	0.990746	0.994351		-43	-24					
65-69	0.986250	0.990957		-40	-18					
70+	0.948021	0.954656		-110	-149					
TOTAL				-204	-148	937	963	1091	1218	1232
TOTAL				-352						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **BROOKS**

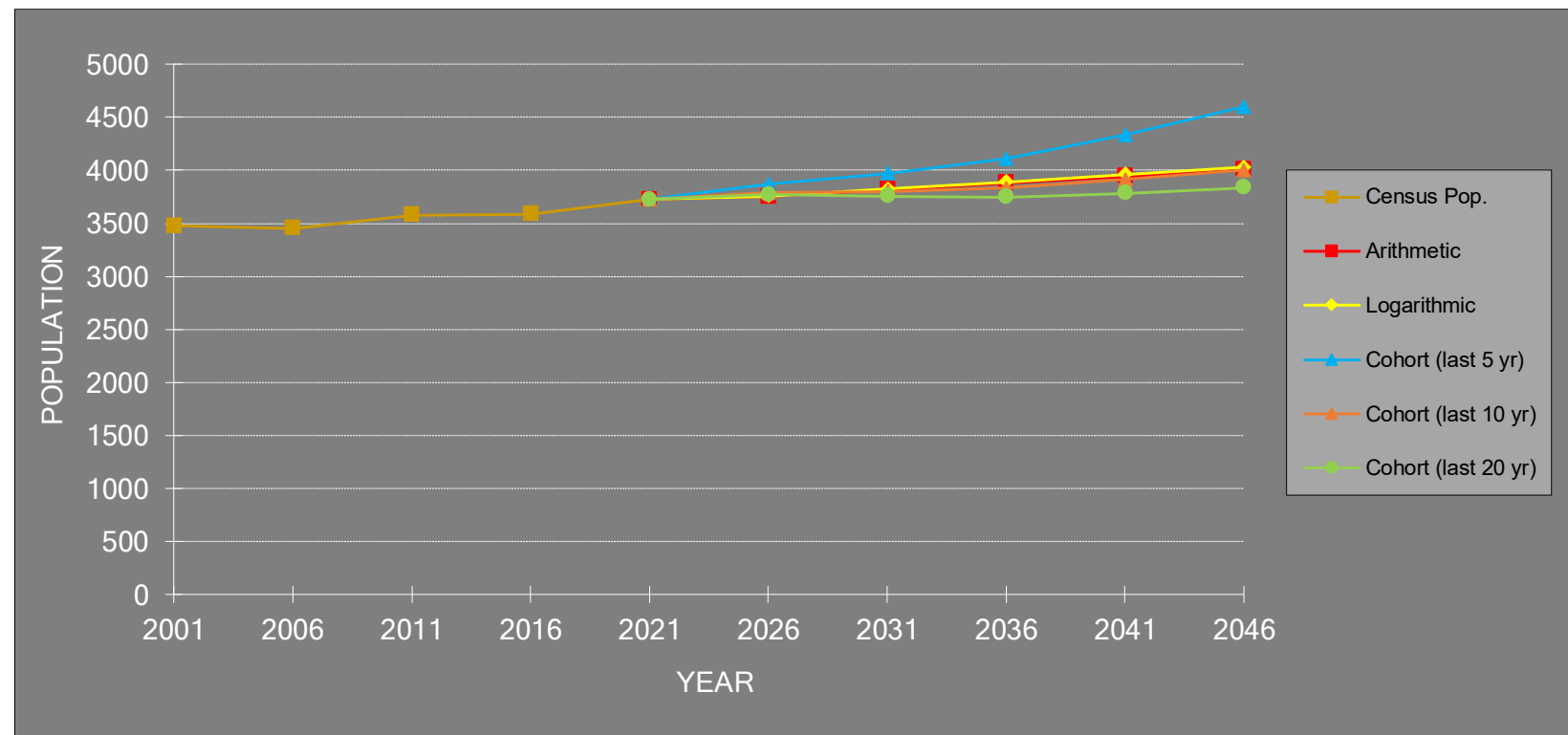
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	540	485	478	459	496	477	563	541	625	601	638	613
5-9	645	535	584	513	522	487	540	505	607	569	669	629
10-14	600	605	628	514	567	492	505	466	523	484	590	548
15-19	520	565	626	636	654	545	593	524	531	498	550	515
20-24	495	415	569	595	675	666	703	575	642	553	580	527
25-29	450	405	542	409	616	588	722	660	750	569	689	547
30-34	525	480	451	468	543	471	617	651	723	722	751	631
35-39	680	585	544	480	470	468	562	471	636	651	741	722
40-44	680	620	686	590	550	485	477	472	569	476	642	656
45-49	585	515	677	642	683	612	547	507	474	495	566	498
50-54	490	380	532	500	624	627	630	597	495	492	421	480
55-59	390	380	457	353	499	473	590	599	596	569	461	465
60-64	360	325	363	363	429	337	471	456	562	582	568	552
65-69	265	280	323	305	327	344	392	317	434	435	524	561
70+	490	635	607	766	775	917	937	1098	1156	1245	1404	1502
TOTAL	7705	7220	8067	7594	8430	7988	8850	8439	9322	8941	9794	9447
TOTAL	14924		15661		16418		17289		18263		19241	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		45	29					
5-9	0.999919	0.999931		-17	-21					
10-14	0.999828	0.999880		26	31					
15-19	0.999457	0.999689	0.0620	49	30	35	39	34	32	31
20-24	0.999036	0.999418	0.3697	48	-6	153	220	246	213	205
25-29	0.998868	0.999579	0.6488	2	63	263	265	382	428	369
30-34	0.998687	0.999520	0.6206	19	0	298	290	292	404	448
35-39	0.998757	0.999240	0.2673	7	5	156	128	125	126	174
40-44	0.998077	0.998940	0.0489	-2	23	30	29	24	23	23
45-49	0.997526	0.998567	0.0033	-51	-15	2	2	2	2	2
50-54	0.996162	0.997438		-31	-26					
55-59	0.994412	0.996295		-25	-15					
60-64	0.990746	0.994351		-33	-18					
65-69	0.986250	0.990957		-30	-11					
70+	0.948021	0.954656		-89	-106					
TOTAL				-83	-37	937	974	1105	1228	1252
TOTAL				-119						

* Migration Period: 20-year average (2001 – 2021)

CARDSTON

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	3475					
2006	3452					
2011	3580					
2016	3585					
2021	3724	3724	3724	3724	3724	3724
2026		3753	3755	3867	3787	3770
2031		3816	3822	3970	3801	3754
2036		3879	3890	4110	3833	3749
2041		3942	3959	4330	3911	3785
2046		4005	4030	4599	4001	3837



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **CARDSTON**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	120	115	105	101	89	86	110	105	151	145	177	170
5-9	165	145	134	128	119	114	103	99	124	118	164	158
10-14	160	165	195	180	164	163	149	149	133	134	154	154
15-19	135	130	170	190	205	205	174	188	159	174	143	159
20-24	95	85	120	125	155	185	190	200	159	183	144	169
25-29	105	60	55	25	80	65	115	125	150	140	119	123
30-34	75	95	115	50	65	15	90	55	125	115	160	130
35-39	95	95	85	115	125	70	75	35	100	75	135	135
40-44	90	90	105	105	95	125	135	80	85	45	110	85
45-49	75	105	90	90	105	105	95	125	135	80	85	45
50-54	100	85	80	105	95	90	110	105	100	125	140	80
55-59	65	100	115	100	95	120	110	105	125	120	115	140
60-64	100	110	55	115	104	115	85	135	99	120	114	134
65-69	110	125	105	115	60	120	109	119	89	139	104	124
70+	320	415	374	421	420	416	419	417	467	417	493	437
TOTAL	1800	1920	1902	1964	1976	1994	2068	2042	2200	2130	2356	2243
TOTAL	3724		3867		3970		4110		4330		4599	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		14	13					
5-9	0.999919	0.999931		30	35					
10-14	0.999828	0.999880		10	25					
15-19	0.999457	0.999689	0.1017	-15	-5	13	19	21	19	18
20-24	0.999036	0.999418	0.5237	-40	-60	45	65	97	105	96
25-29	0.998868	0.999579	0.9853	10	-10	59	25	64	123	138
30-34	0.998687	0.999520	0.6492	10	20	62	32	10	36	75
35-39	0.998757	0.999240	0.2433	10	10	23	28	17	9	18
40-44	0.998077	0.998940	0.0511	0	0	5	5	6	4	2
45-49	0.997526	0.998567	0.0018	5	0	0	0	0	0	0
50-54	0.996162	0.997438		15	15					
55-59	0.994412	0.996295		-10	15					
60-64	0.990746	0.994351		6	5					
65-69	0.986250	0.990957		6	1					
70+	0.948021	0.954656		-44	-100					
TOTAL				8	-35	206	175	215	295	347
TOTAL				-27						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **CARDSTON**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	120	115	105	101	86	82	97	93	122	117	130	125
5-9	165	145	137	121	122	107	102	88	114	99	138	123
10-14	160	165	185	163	157	139	142	125	122	106	134	117
15-19	135	130	165	170	190	168	162	144	147	130	127	111
20-24	95	85	125	122	155	162	180	160	152	136	137	122
25-29	105	60	45	20	75	57	105	97	130	95	102	71
30-34	75	95	92	55	33	15	62	52	92	92	117	90
35-39	95	95	85	107	102	68	43	28	72	65	102	105
40-44	90	90	100	95	90	107	107	68	48	28	77	65
45-49	75	105	87	90	97	95	87	107	105	68	45	28
50-54	100	85	80	100	92	85	102	90	92	102	110	63
55-59	65	100	107	90	87	105	100	90	110	95	100	107
60-64	100	110	60	107	102	97	82	112	94	97	104	102
65-69	110	125	107	122	67	120	109	110	89	124	102	110
70+	320	415	388	455	449	490	468	521	527	541	563	574
TOTAL	1800	1920	1869	1919	1904	1897	1949	1885	2016	1895	2089	1912
TOTAL	3724		3787		3801		3833		3911		4001	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		17	6					
5-9	0.999919	0.999931		20	18					
10-14	0.999828	0.999880		5	5					
15-19	0.999457	0.999689	0.1017	-10	-7	13	17	17	15	13
20-24	0.999036	0.999418	0.5237	-50	-65	45	64	85	84	71
25-29	0.998868	0.999579	0.9853	-12	-5	59	20	57	96	94
30-34	0.998687	0.999520	0.6492	10	13	62	36	10	34	60
35-39	0.998757	0.999240	0.2433	5	0	23	26	16	7	16
40-44	0.998077	0.998940	0.0511	-2	0	5	5	5	3	1
45-49	0.997526	0.998567	0.0018	5	-5	0	0	0	0	0
50-54	0.996162	0.997438		8	5					
55-59	0.994412	0.996295		-5	8					
60-64	0.990746	0.994351		8	13					
65-69	0.986250	0.990957		6	3					
70+	0.948021	0.954656		-30	-68					
TOTAL				-26	-80	206	168	191	239	255
TOTAL				-106						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **CARDSTON**

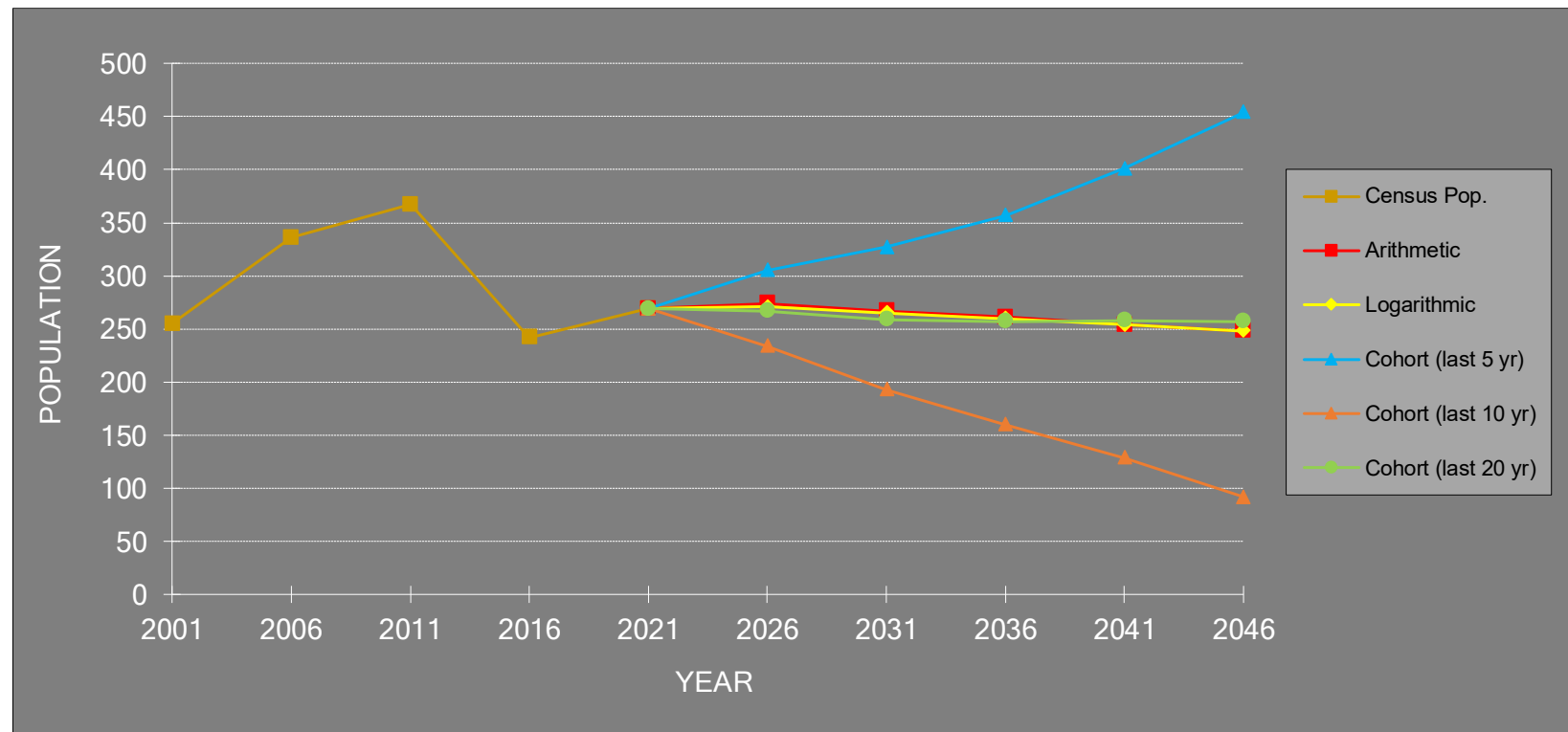
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	120	115	105	101	79	76	87	83	110	105	119	115
5-9	165	145	135	127	120	113	94	88	102	95	124	117
10-14	160	165	185	164	155	146	140	132	114	107	122	114
15-19	135	130	164	166	189	165	159	147	144	133	118	108
20-24	95	85	124	126	152	162	178	161	147	143	132	129
25-29	105	60	40	7	69	49	97	85	122	84	92	66
30-34	75	95	81	51	16	-1	45	40	74	76	99	75
35-39	95	95	87	107	94	64	29	11	57	52	86	89
40-44	90	90	101	99	94	111	100	68	35	15	64	56
45-49	75	105	87	87	99	96	91	109	97	65	33	13
50-54	100	85	81	104	94	86	105	95	97	107	103	64
55-59	65	100	105	89	86	107	98	90	110	99	102	111
60-64	100	110	64	106	103	95	85	113	97	96	108	105
65-69	110	125	108	120	72	116	112	105	93	123	105	106
70+	320	415	380	467	436	512	453	551	508	577	542	620
TOTAL	1800	1920	1848	1922	1857	1897	1872	1877	1908	1878	1950	1886
TOTAL	3724		3770		3754		3749		3785		3837	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		15	12					
5-9	0.999919	0.999931		20	19					
10-14	0.999828	0.999880		4	1					
15-19	0.999457	0.999689	0.1017	-11	-4	13	17	17	15	14
20-24	0.999036	0.999418	0.5237	-55	-77	45	66	85	84	75
25-29	0.998868	0.999579	0.9853	-24	-9	59	7	48	84	83
30-34	0.998687	0.999520	0.6492	13	13	62	33	-1	26	49
35-39	0.998757	0.999240	0.2433	6	4	23	26	16	3	13
40-44	0.998077	0.998940	0.0511	-2	-2	5	5	6	3	1
45-49	0.997526	0.998567	0.0018	6	-1	0	0	0	0	0
50-54	0.996162	0.997438		5	4					
55-59	0.994412	0.996295		-1	7					
60-64	0.990746	0.994351		9	10					
65-69	0.986250	0.990957		7	4					
70+	0.948021	0.954656		-39	-57					
TOTAL				-46	-77	206	155	170	215	234
TOTAL				-123						

* Migration Period: 20-year average (2001 – 2021)

CARMANGAY

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	255					
2006	336					
2011	367					
2016	242					
2021	269	269	269	269	269	269
2026		274	271	305	234	267
2031		267	265	327	193	259
2036		261	260	357	160	257
2041		254	254	401	129	258
2046		248	248	454	92	257



Municipality: **CARMANGAY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	5	3	2	-1	-1	4	4	12	11	17	16
5-9	5	5	5	5	3	3	-1	0	4	4	12	12
10-14	5	10	5	10	5	10	3	8	-1	5	4	9
15-19	5	10	5	20	5	20	5	20	3	18	-1	15
20-24	5	0	5	15	5	25	5	25	5	25	3	23
25-29	5	0	10	-5	10	10	10	20	10	20	10	20
30-34	0	5	5	-10	10	-15	10	0	10	10	10	10
35-39	10	5	-5	5	0	-10	5	-15	5	0	5	10
40-44	5	5	15	10	0	10	5	-5	10	-10	10	5
45-49	5	5	5	5	15	10	0	10	5	-5	10	-10
50-54	10	5	5	5	5	5	15	10	0	10	5	-5
55-59	10	15	15	5	10	5	10	5	20	10	5	10
60-64	10	20	15	20	20	10	15	10	15	10	25	15
65-69	15	25	10	30	15	30	20	20	15	20	15	20
70+	30	35	35	55	34	79	39	101	47	113	51	124
TOTAL	125	145	132	173	136	191	144	213	160	241	181	274
TOTAL	269		305		327		357		401		454	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		0	0					
5-9	0.999919	0.999931		0	5					
10-14	0.999828	0.999880		0	10					
15-19	0.999457	0.999689	0.0612	0	5	1	1	1	1	1
20-24	0.999036	0.999418	0.3801	5	-5	0	6	9	9	10
25-29	0.998868	0.999579	0.8009	0	-10	0	-4	8	16	16
30-34	0.998687	0.999520	0.6208	-5	0	3	-6	-9	0	6
35-39	0.998757	0.999240	0.2312	5	5	1	1	-2	-3	0
40-44	0.998077	0.998940	0.0394	0	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	0	0	0	0	0	0	0
50-54	0.996162	0.997438		5	0					
55-59	0.994412	0.996295		5	5					
60-64	0.990746	0.994351		0	10					
65-69	0.986250	0.990957		0	5					
70+	0.948021	0.954656		-9	-9					
TOTAL				7	22	5	-2	8	23	33
TOTAL				29						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **CARMANGAY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	5	3	2	3	3	7	6	8	8	5	4
5-9	5	5	4	1	1	-1	1	-1	5	3	7	4
10-14	5	10	0	-2	-1	-6	-4	-9	-4	-9	0	-5
15-19	5	10	0	12	-5	0	-6	-4	-9	-6	-9	-6
20-24	5	0	2	10	-2	12	-7	0	-9	-4	-11	-6
25-29	5	0	7	3	5	12	0	15	-5	3	-6	-1
30-34	0	5	5	-2	7	0	5	10	0	12	-5	0
35-39	10	5	-2	0	2	-7	5	-5	2	5	-2	7
40-44	5	5	10	5	-2	0	3	-7	5	-5	3	5
45-49	5	5	2	5	7	5	-5	0	0	-7	2	-5
50-54	10	5	5	3	3	2	7	2	-5	-2	0	-10
55-59	10	15	10	5	5	3	3	3	7	3	-5	-2
60-64	10	20	15	15	15	5	10	3	8	3	12	3
65-69	15	25	10	27	15	22	15	13	10	10	8	10
70+	30	35	27	52	20	71	18	84	16	87	9	87
TOTAL	125	145	98	136	72	121	50	109	30	99	7	85
TOTAL	269		234		193		160		129		92	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-1	-4					
5-9	0.999919	0.999931		-5	-7					
10-14	0.999828	0.999880		-5	3					
15-19	0.999457	0.999689	0.0612	-2	0	1	1	0	0	0
20-24	0.999036	0.999418	0.3801	3	3	0	4	5	0	-1
25-29	0.998868	0.999579	0.8009	0	-2	0	2	10	12	2
30-34	0.998687	0.999520	0.6208	-2	-5	3	-2	0	6	8
35-39	0.998757	0.999240	0.2312	0	0	1	0	-2	-1	1
40-44	0.998077	0.998940	0.0394	-2	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	0	-2	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		5	0					
60-64	0.990746	0.994351		0	8					
65-69	0.986250	0.990957		-2	3					
70+	0.948021	0.954656		-13	-9					
TOTAL				-27	-15	5	5	13	17	9
TOTAL				-42						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **CARMANGAY**

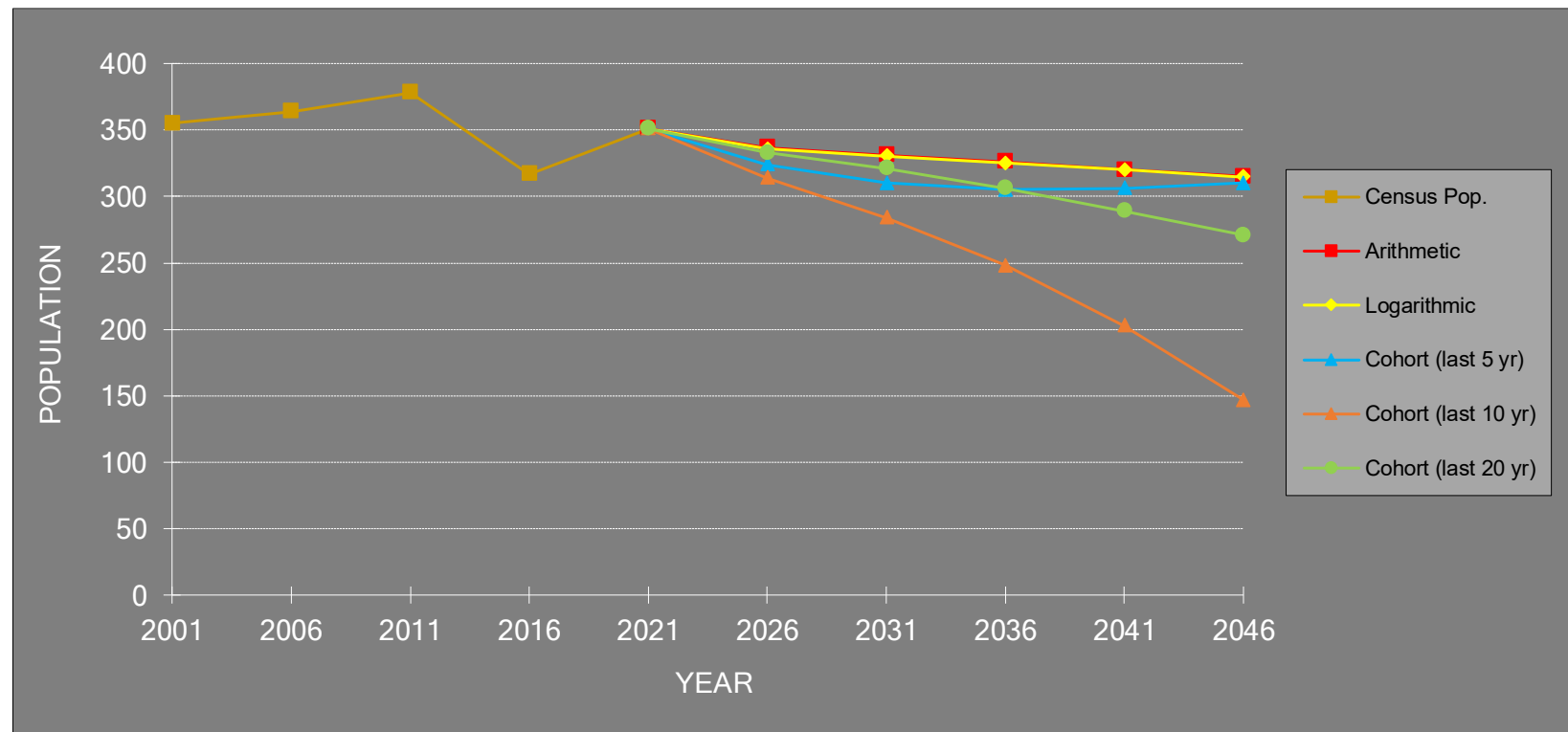
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	5	3	2	2	2	6	6	8	7	6	6
5-9	5	5	9	9	6	6	6	6	9	9	11	11
10-14	5	10	5	1	9	5	6	3	6	3	9	6
15-19	5	10	2	11	3	3	6	6	4	4	4	4
20-24	5	0	4	10	1	11	1	3	5	6	2	4
25-29	5	0	4	0	2	10	0	11	0	3	4	6
30-34	0	5	6	-1	5	-1	4	9	1	10	1	1
35-39	10	5	0	4	6	-2	5	-2	4	7	1	9
40-44	5	5	11	7	1	6	8	0	6	0	5	10
45-49	5	5	4	4	10	6	0	5	6	-1	5	-1
50-54	10	5	6	4	5	3	11	5	1	4	7	-2
55-59	10	15	10	9	6	8	5	6	11	9	1	7
60-64	10	20	15	16	15	10	11	9	10	8	16	10
65-69	15	25	12	25	17	21	17	15	14	14	12	13
70+	30	35	29	46	25	57	26	63	28	63	25	62
TOTAL	125	145	120	147	115	144	113	144	113	145	112	145
TOTAL	269		267		259		257		258		257	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		4	4					
5-9	0.999919	0.999931		0	-4					
10-14	0.999828	0.999880		-2	1					
15-19	0.999457	0.999689	0.0612	-1	0	1	1	0	0	0
20-24	0.999036	0.999418	0.3801	-1	0	0	4	4	1	2
25-29	0.998868	0.999579	0.8009	1	-1	0	0	8	9	2
30-34	0.998687	0.999520	0.6208	0	-1	3	-1	-1	5	6
35-39	0.998757	0.999240	0.2312	1	3	1	1	-1	-1	2
40-44	0.998077	0.998940	0.0394	-1	-1	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	1	-1	0	0	0	0	0
50-54	0.996162	0.997438		0	4					
55-59	0.994412	0.996295		5	1					
60-64	0.990746	0.994351		3	5					
65-69	0.986250	0.990957		0	1					
70+	0.948021	0.954656		-15	-13					
TOTAL				-6	-3	5	5	11	15	13
TOTAL				-9						

* Migration Period: 20-year average (2001 – 2021)

CHAMPION

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	355					
2006	364					
2011	378					
2016	317					
2021	351	351	351	351	351	351
2026		337	336	324	314	333
2031		331	330	310	284	321
2036		326	325	305	248	306
2041		320	320	306	203	289
2046		315	315	310	147	271



Municipality: **CHAMPION**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	5	6	6	7	7	11	10	14	13	14	14
5-9	10	5	10	1	7	2	7	2	11	6	14	9
10-14	15	10	10	10	10	6	7	7	7	7	11	11
15-19	5	10	20	10	15	10	15	6	12	7	12	7
20-24	5	5	5	15	20	15	15	15	15	11	12	12
25-29	10	5	10	5	10	15	25	15	20	15	20	11
30-34	10	5	10	5	10	5	10	15	25	15	20	15
35-39	15	10	15	0	15	0	15	0	15	10	30	10
40-44	5	10	20	10	20	0	20	0	20	0	20	10
45-49	5	10	5	10	20	10	20	0	20	0	20	0
50-54	15	10	0	10	0	10	15	10	15	0	15	0
55-59	10	10	25	10	10	10	10	10	25	10	25	0
60-64	15	20	5	5	20	5	5	5	5	5	20	5
65-69	15	10	10	20	0	5	15	5	0	5	0	5
70+	40	30	26	30	8	40	-19	34	-31	29	-56	24
TOTAL	185	165	177	146	171	139	170	134	173	133	177	132
TOTAL	351		324		310		305		306		310	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		0	-4					
5-9	0.999919	0.999931		0	5					
10-14	0.999828	0.999880		5	0					
15-19	0.999457	0.999689	0.0612	0	5	1	1	1	0	0
20-24	0.999036	0.999418	0.3801	5	0	2	6	6	6	4
25-29	0.998868	0.999579	0.8009	0	0	4	4	12	12	12
30-34	0.998687	0.999520	0.6208	5	-5	3	3	3	9	9
35-39	0.998757	0.999240	0.2312	5	0	2	0	0	0	2
40-44	0.998077	0.998940	0.0394	0	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-5	0	0	0	0	0	0
50-54	0.996162	0.997438		10	0					
55-59	0.994412	0.996295		-5	-5					
60-64	0.990746	0.994351		-5	0					
65-69	0.986250	0.990957		5	0					
70+	0.948021	0.954656		-32	-9					
TOTAL				-11	-13	12	14	21	27	28
TOTAL				-24						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **CHAMPION**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	5	6	6	4	4	2	2	-3	-2	-8	-8
5-9	10	5	11	-1	7	0	5	-2	3	-5	-2	-9
10-14	15	10	10	5	11	-1	7	0	5	-2	3	-5
15-19	5	10	12	2	8	-2	8	-9	5	-8	3	-10
20-24	5	5	0	5	7	-2	3	-7	3	-14	0	-13
25-29	10	5	5	2	0	2	7	-5	3	-10	3	-16
30-34	10	5	7	5	3	3	-2	3	5	-5	0	-10
35-39	15	10	12	5	10	5	5	3	0	3	7	-5
40-44	5	10	17	10	15	5	12	5	8	3	3	3
45-49	5	10	7	10	20	10	17	5	15	5	10	3
50-54	15	10	-2	12	0	12	12	12	10	8	7	8
55-59	10	10	22	10	5	12	8	12	20	12	17	8
60-64	15	20	10	8	22	8	5	10	8	10	20	10
65-69	15	10	12	20	7	8	20	8	3	10	5	10
70+	40	30	48	35	53	49	52	50	64	52	59	55
TOTAL	185	165	180	134	172	111	162	86	147	56	127	20
TOTAL	351		314		284		248		203		147	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	-6					
5-9	0.999919	0.999931		0	0					
10-14	0.999828	0.999880		-2	-7					
15-19	0.999457	0.999689	0.0612	-5	-5	1	0	0	-1	0
20-24	0.999036	0.999418	0.3801	0	-2	2	2	-1	-3	-5
25-29	0.998868	0.999579	0.8009	-2	0	4	2	2	-4	-8
30-34	0.998687	0.999520	0.6208	3	0	3	3	2	2	-3
35-39	0.998757	0.999240	0.2312	3	0	2	1	1	1	1
40-44	0.998077	0.998940	0.0394	3	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-7	3	0	0	0	0	0
50-54	0.996162	0.997438		8	0					
55-59	0.994412	0.996295		0	-2					
60-64	0.990746	0.994351		-2	0					
65-69	0.986250	0.990957		8	0					
70+	0.948021	0.954656		-13	-4					
TOTAL				-9	-25	12	9	4	-5	-16
TOTAL				-34						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **CHAMPION**

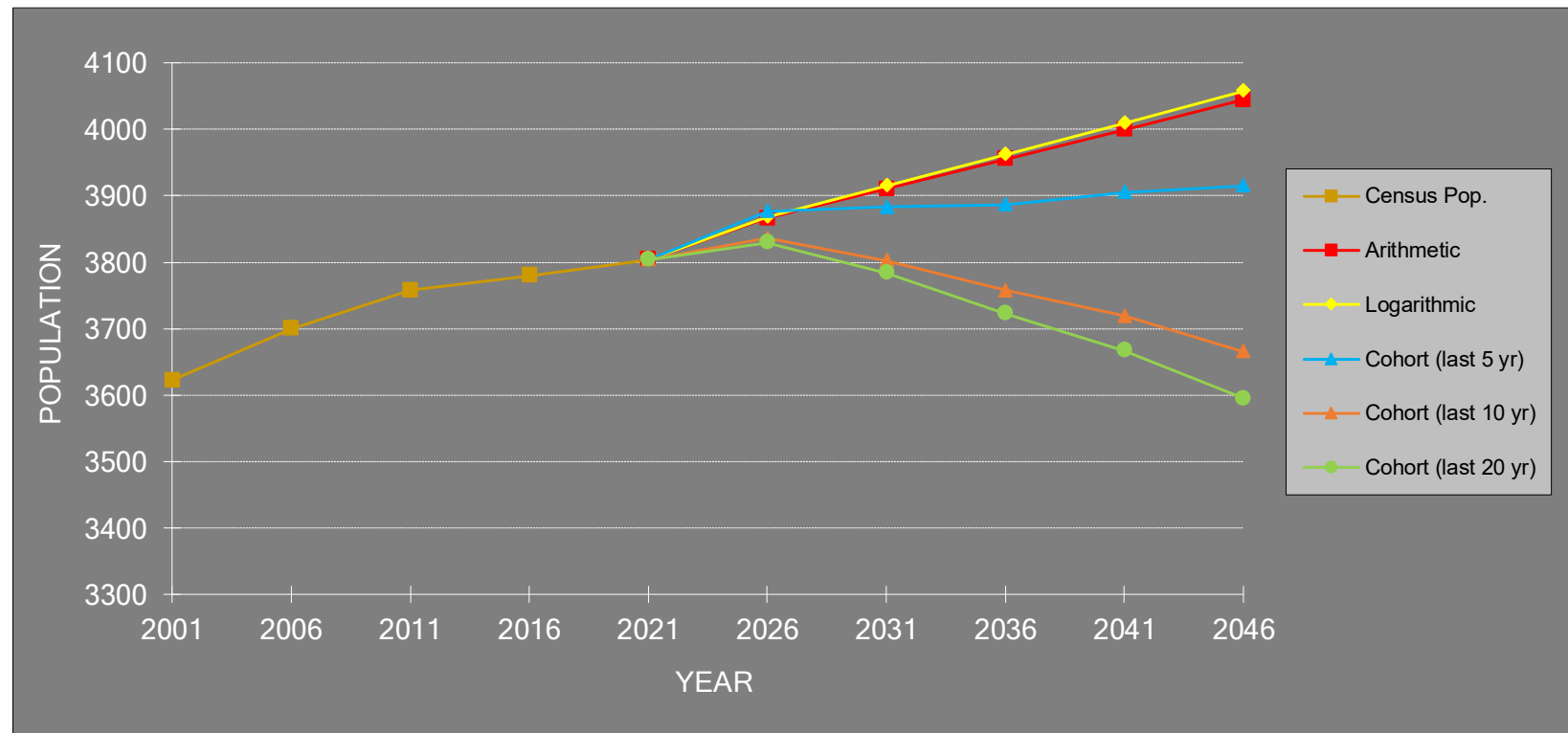
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	5	6	6	4	4	2	2	2	2	1	1
5-9	10	5	11	4	7	5	5	2	3	1	2	0
10-14	15	10	14	9	14	7	11	8	8	6	7	4
15-19	5	10	15	11	14	10	14	9	11	10	8	7
20-24	5	5	2	5	12	6	11	5	12	4	8	5
25-29	10	5	3	-1	0	-1	10	0	9	-1	9	-3
30-34	10	5	9	6	1	0	-1	0	9	1	7	0
35-39	15	10	11	8	10	9	3	3	0	3	10	4
40-44	5	10	16	10	12	7	11	9	4	3	1	3
45-49	5	10	9	10	20	10	16	7	15	9	8	3
50-54	15	10	-1	12	3	12	14	12	10	10	9	11
55-59	10	10	20	10	4	12	8	12	19	12	15	10
60-64	15	20	10	9	20	9	4	11	8	11	19	11
65-69	15	10	14	21	9	10	19	10	3	12	6	12
70+	40	30	46	30	50	40	50	39	58	39	51	40
TOTAL	185	165	184	149	180	141	175	131	169	120	162	109
TOTAL	351		333		321		306		289		271	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	-1					
5-9	0.999919	0.999931		4	4					
10-14	0.999828	0.999880		0	1					
15-19	0.999457	0.999689	0.0612	-2	-5	1	1	1	1	1
20-24	0.999036	0.999418	0.3801	-2	-6	2	2	2	2	1
25-29	0.998868	0.999579	0.8009	-1	1	4	-1	-1	0	-1
30-34	0.998687	0.999520	0.6208	1	3	3	4	0	0	1
35-39	0.998757	0.999240	0.2312	1	0	2	2	2	1	1
40-44	0.998077	0.998940	0.0394	4	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-6	3	0	0	0	0	0
50-54	0.996162	0.997438		5	0					
55-59	0.994412	0.996295		0	-1					
60-64	0.990746	0.994351		-1	1					
65-69	0.986250	0.990957		6	0					
70+	0.948021	0.954656		-13	-9					
TOTAL				-5	-10	12	8	4	3	2
TOTAL				-15						

* Migration Period: 20-year average (2001 – 2021)

CLARESHOLM

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	3622					
2006	3700					
2011	3758					
2016	3780					
2021	3804	3804	3804	3804	3804	3804
2026		3866	3868	3877	3836	3830
2031		3910	3915	3883	3803	3784
2036		3955	3962	3887	3758	3723
2041		3999	4010	3905	3719	3667
2046		4044	4058	3915	3666	3595



Municipality: **CLARESHOLM**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	80	60	91	87	72	69	74	72	86	82	84	81
5-9	90	80	63	27	74	54	56	37	58	39	69	50
10-14	100	85	105	90	79	37	89	64	71	47	73	49
15-19	85	70	105	90	110	95	84	42	94	69	76	52
20-24	85	55	90	80	110	100	115	105	89	52	99	79
25-29	70	70	65	25	70	50	90	70	95	75	69	22
30-34	80	70	30	65	25	20	30	45	50	65	55	70
35-39	105	90	95	75	45	70	40	25	45	50	65	70
40-44	90	105	125	105	115	90	65	85	60	40	65	65
45-49	80	80	90	110	125	110	115	95	65	90	60	45
50-54	105	105	90	80	100	110	135	110	125	95	75	90
55-59	140	155	120	100	105	75	115	105	149	105	139	90
60-64	155	165	150	170	130	115	115	90	125	120	159	120
65-69	160	200	159	185	154	189	134	135	120	110	129	140
70+	450	560	543	668	630	756	707	844	761	874	798	879
TOTAL	1865	1945	1920	1956	1943	1941	1963	1923	1991	1913	2015	1900
TOTAL	3804		3877		3883		3887		3905		3915	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-16	-33					
5-9	0.999919	0.999931		15	10					
10-14	0.999828	0.999880		5	5					
15-19	0.999457	0.999689	0.1017	5	10	7	9	10	4	7
20-24	0.999036	0.999418	0.5237	-20	-30	29	42	52	55	27
25-29	0.998868	0.999579	0.9853	-40	-5	69	25	49	69	74
30-34	0.998687	0.999520	0.6492	15	5	45	42	13	29	42
35-39	0.998757	0.999240	0.2433	20	15	22	18	17	6	12
40-44	0.998077	0.998940	0.0511	0	5	5	5	5	4	2
45-49	0.997526	0.998567	0.0018	10	0	0	0	0	0	0
50-54	0.996162	0.997438		15	-5					
55-59	0.994412	0.996295		10	15					
60-64	0.990746	0.994351		6	21					
65-69	0.986250	0.990957		26	31					
70+	0.948021	0.954656		-68	-96					
TOTAL				-16	-51	178	142	146	168	165
TOTAL				-67						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **CLARESHOLM**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	80	60	91	87	72	69	71	68	77	74	72	69
5-9	90	80	61	32	71	59	53	41	51	40	57	46
10-14	100	85	103	85	73	37	84	64	66	47	64	45
15-19	85	70	102	85	105	85	76	37	86	64	68	47
20-24	85	55	80	75	97	90	100	90	71	42	81	69
25-29	70	70	65	22	60	42	77	57	80	58	51	10
30-34	80	70	45	75	40	28	35	47	52	62	55	63
35-39	105	90	90	72	55	78	50	30	45	50	62	65
40-44	90	105	117	105	102	87	68	92	63	45	58	65
45-49	80	80	92	110	120	110	105	92	70	97	65	50
50-54	105	105	82	80	95	110	122	110	107	92	73	97
55-59	140	155	117	97	95	72	107	102	135	102	120	85
60-64	155	165	147	160	125	102	102	78	115	107	142	107
65-69	160	200	159	182	152	177	129	120	107	95	119	125
70+	450	560	542	674	628	765	702	847	750	868	774	864
TOTAL	1865	1945	1894	1942	1891	1912	1882	1877	1875	1844	1861	1806
TOTAL	3804		3836		3803		3758		3719		3666	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-19	-28					
5-9	0.999919	0.999931		13	5					
10-14	0.999828	0.999880		3	0					
15-19	0.999457	0.999689	0.1017	-5	5	7	9	9	4	7
20-24	0.999036	0.999418	0.5237	-20	-32	29	39	47	47	22
25-29	0.998868	0.999579	0.9853	-25	5	69	22	42	57	57
30-34	0.998687	0.999520	0.6492	10	3	45	49	18	31	41
35-39	0.998757	0.999240	0.2433	13	15	22	18	19	7	12
40-44	0.998077	0.998940	0.0511	3	5	5	5	4	5	2
45-49	0.997526	0.998567	0.0018	3	0	0	0	0	0	0
50-54	0.996162	0.997438		13	-7					
55-59	0.994412	0.996295		8	5					
60-64	0.990746	0.994351		6	18					
65-69	0.986250	0.990957		29	28					
70+	0.948021	0.954656		-71	-87					
TOTAL				-42	-65	178	142	139	151	140
TOTAL				-108						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **CLARESHOLM**

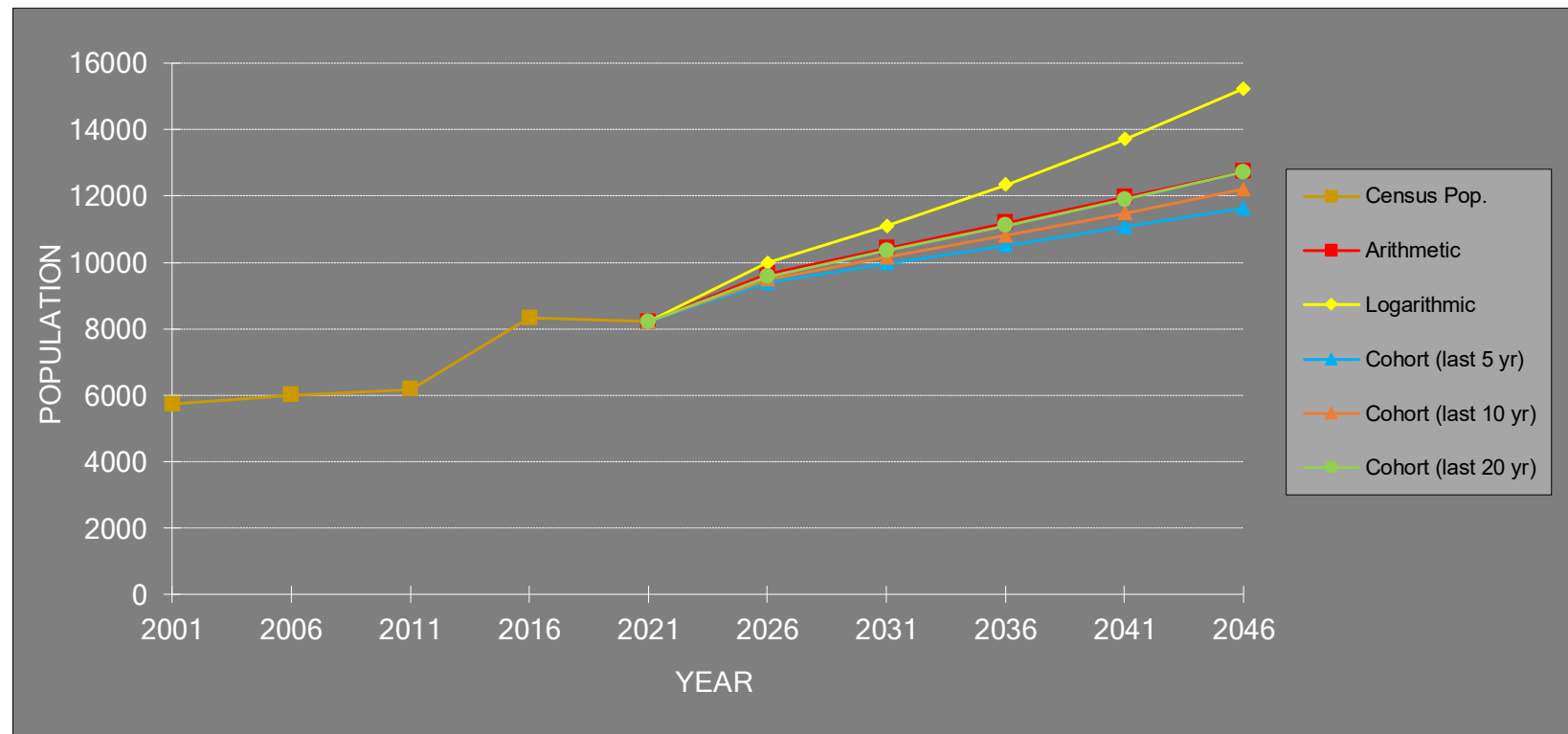
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	80	60	91	87	69	66	66	63	72	69	65	63
5-9	90	80	54	28	64	55	43	34	40	31	45	37
10-14	100	85	99	84	63	32	73	59	52	38	49	35
15-19	85	70	107	87	106	86	70	34	81	61	59	40
20-24	85	55	86	74	109	91	108	90	71	38	82	65
25-29	70	70	62	19	64	37	86	55	85	54	49	2
30-34	80	70	44	73	36	21	37	40	60	57	59	56
35-39	105	90	90	71	54	74	46	23	47	41	70	59
40-44	90	105	111	97	96	79	60	81	53	30	54	49
45-49	80	80	96	116	117	109	102	90	66	92	59	41
50-54	105	105	83	88	99	124	120	116	105	97	69	100
55-59	140	155	111	101	89	84	105	120	126	112	111	94
60-64	155	165	143	166	115	112	92	95	108	131	129	123
65-69	160	200	162	178	150	179	122	126	100	109	116	144
70+	450	560	548	674	643	761	721	845	768	873	790	882
TOTAL	1865	1945	1887	1943	1874	1910	1852	1871	1833	1834	1805	1790
TOTAL	3804		3830		3784		3723		3667		3595	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-26	-32					
5-9	0.999919	0.999931		9	4					
10-14	0.999828	0.999880		8	3					
15-19	0.999457	0.999689	0.1017	1	4	7	9	9	3	6
20-24	0.999036	0.999418	0.5237	-22	-36	29	39	48	47	20
25-29	0.998868	0.999579	0.9853	-26	3	69	18	37	54	53
30-34	0.998687	0.999520	0.6492	10	1	45	47	14	26	37
35-39	0.998757	0.999240	0.2433	6	8	22	17	18	5	10
40-44	0.998077	0.998940	0.0511	6	11	5	5	4	4	2
45-49	0.997526	0.998567	0.0018	3	8	0	0	0	0	0
50-54	0.996162	0.997438		7	-4					
55-59	0.994412	0.996295		4	12					
60-64	0.990746	0.994351		8	14					
65-69	0.986250	0.990957		24	26					
70+	0.948021	0.954656		-60	-85					
TOTAL				-49	-65	178	136	129	141	128
TOTAL				-114						

* Migration Period: 20-year average (2001 – 2021)

COALDALE

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	5731					
2006	6008					
2011	6177					
2016	8331					
2021	8215	8215	8215	8215	8215	8215
2026		9660	9980	9382	9474	9575
2031		10428	11092	9961	10146	10347
2036		11196	12327	10516	10804	11104
2041		11964	13700	11070	11482	11886
2046		12732	15226	11640	12203	12723



Municipality: **COALDALE**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	315	290	291	279	289	278	285	274	293	281	306	294
5-9	365	320	356	316	331	306	330	304	326	300	333	308
10-14	350	290	380	310	371	307	347	296	345	295	341	291
15-19	280	250	335	280	365	300	356	297	332	286	330	285
20-24	250	235	275	230	330	260	360	280	351	277	327	266
25-29	280	275	250	245	275	240	330	270	360	290	351	287
30-34	290	315	315	305	285	275	310	270	365	300	395	320
35-39	315	300	300	380	325	370	295	340	320	335	374	365
40-44	265	280	350	295	335	375	360	365	330	335	355	330
45-49	240	215	280	295	365	310	350	390	374	380	344	350
50-54	205	225	235	220	275	300	359	315	344	394	369	384
55-59	265	275	175	225	205	220	244	299	328	314	313	394
60-64	265	285	284	270	195	220	224	215	264	294	347	309
65-69	230	265	264	304	283	289	194	239	224	234	263	313
70+	500	550	622	716	771	914	932	1088	996	1204	1086	1310
TOTAL	4420	4350	4711	4671	4999	4962	5275	5241	5551	5519	5835	5804
TOTAL	8771		9382		9961		10516		11070		11640	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		41	27					
5-9	0.999919	0.999931		15	-10					
10-14	0.999828	0.999880		-15	-10					
15-19	0.999457	0.999689	0.0620	-5	-20	16	17	19	18	18
20-24	0.999036	0.999418	0.3697	0	10	87	85	96	104	102
25-29	0.998868	0.999579	0.6488	35	30	178	159	156	175	188
30-34	0.998687	0.999520	0.6206	10	65	195	189	171	168	186
35-39	0.998757	0.999240	0.2673	35	-5	80	102	99	91	90
40-44	0.998077	0.998940	0.0489	15	15	14	14	18	18	16
45-49	0.997526	0.998567	0.0033	-5	5	1	1	1	1	1
50-54	0.996162	0.997438		-29	0					
55-59	0.994412	0.996295		21	-4					
60-64	0.990746	0.994351		1	21					
65-69	0.986250	0.990957		12	16					
70+	0.948021	0.954656		-91	-88					
TOTAL				43	54	571	568	559	575	602
TOTAL				96						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **COALDALE**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	315	290	291	279	290	278	292	280	310	298	338	325
5-9	365	320	381	344	357	334	356	333	358	335	377	353
10-14	350	290	383	323	399	347	375	337	374	335	376	338
15-19	280	250	342	290	375	323	392	347	368	337	366	335
20-24	250	235	285	242	347	282	380	315	397	340	372	329
25-29	280	275	232	247	267	255	330	295	362	328	379	352
30-34	290	315	315	303	267	275	302	282	364	322	397	355
35-39	315	300	300	362	325	350	277	322	312	330	374	370
40-44	265	280	330	300	315	362	340	350	292	322	327	330
45-49	240	215	272	287	337	307	322	370	347	357	300	330
50-54	205	225	245	217	277	290	342	310	327	372	352	359
55-59	265	275	185	242	225	235	257	307	321	327	306	389
60-64	265	285	282	272	202	240	242	232	274	304	338	324
65-69	230	265	256	309	273	297	194	264	233	257	265	328
70+	500	550	635	719	789	925	952	1109	1028	1252	1139	1381
TOTAL	4420	4350	4735	4739	5046	5099	5352	5452	5668	5815	6006	6197
TOTAL	8771		9474		10146		10804		11482		12203	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		67	55					
5-9	0.999919	0.999931		18	3					
10-14	0.999828	0.999880		-7	0					
15-19	0.999457	0.999689	0.0620	5	-7	16	18	20	22	21
20-24	0.999036	0.999418	0.3697	-17	13	87	90	104	117	126
25-29	0.998868	0.999579	0.6488	35	28	178	161	165	191	213
30-34	0.998687	0.999520	0.6206	10	48	195	188	171	175	200
35-39	0.998757	0.999240	0.2673	15	0	80	97	94	86	88
40-44	0.998077	0.998940	0.0489	8	8	14	15	18	17	16
45-49	0.997526	0.998567	0.0033	5	3	1	1	1	1	1
50-54	0.996162	0.997438		-19	18					
55-59	0.994412	0.996295		18	-2					
60-64	0.990746	0.994351		-6	26					
65-69	0.986250	0.990957		14	14					
70+	0.948021	0.954656		-80	-82					
TOTAL				66	122	571	568	573	609	664
TOTAL				188						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **COALDALE**

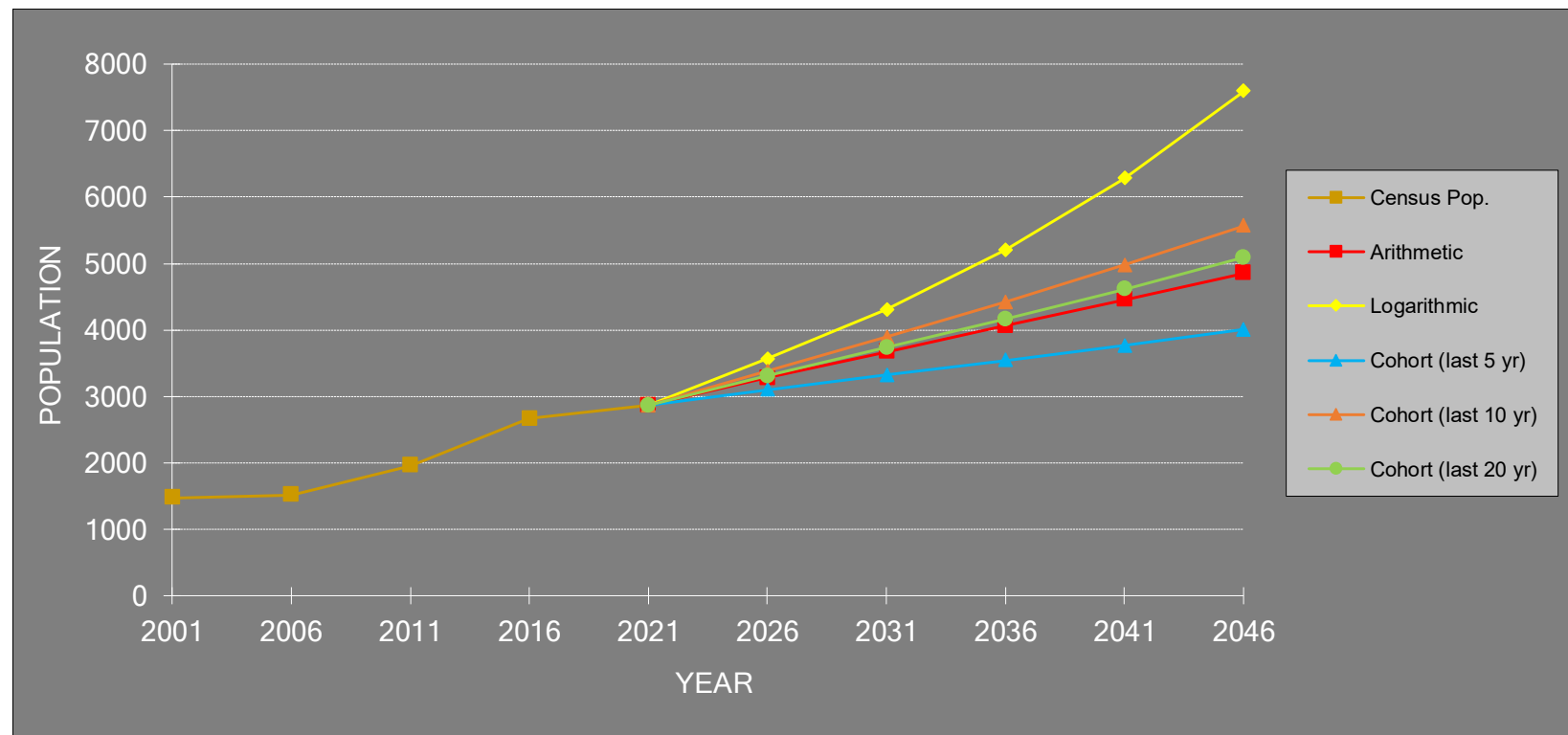
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	315	290	291	279	290	279	292	280	314	302	349	336
5-9	365	320	394	340	369	330	369	329	370	330	393	352
10-14	350	290	385	341	414	362	390	351	389	350	390	352
15-19	280	250	355	296	390	348	419	368	395	357	394	357
20-24	250	235	281	245	356	291	391	343	420	363	396	352
25-29	280	275	217	227	249	237	323	284	359	335	387	355
30-34	290	315	316	325	254	277	285	287	359	334	395	385
35-39	315	300	317	357	343	367	281	320	312	330	387	376
40-44	265	280	339	304	341	361	367	371	305	324	336	333
45-49	240	215	271	287	345	311	347	368	373	378	311	331
50-54	205	225	247	222	278	295	352	318	354	376	380	385
55-59	265	275	194	234	236	231	267	303	340	327	342	384
60-64	265	285	287	282	216	241	258	238	288	310	361	333
65-69	230	265	260	308	282	305	211	264	253	261	283	333
70+	500	550	651	721	824	927	1010	1120	1116	1264	1257	1399
TOTAL	4420	4350	4805	4770	5186	5161	5560	5544	5946	5940	6360	6363
TOTAL	8771		9575		10347		11104		11886		12723	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		79	50					
5-9	0.999919	0.999931		20	22					
10-14	0.999828	0.999880		5	6					
15-19	0.999457	0.999689	0.0620	1	-5	16	18	22	23	22
20-24	0.999036	0.999418	0.3697	-32	-7	87	91	108	127	134
25-29	0.998868	0.999579	0.6488	36	50	178	148	154	184	217
30-34	0.998687	0.999520	0.6206	28	43	195	202	172	178	207
35-39	0.998757	0.999240	0.2673	24	4	80	96	98	86	88
40-44	0.998077	0.998940	0.0489	7	8	14	15	18	18	16
45-49	0.997526	0.998567	0.0033	8	8	1	1	1	1	1
50-54	0.996162	0.997438		-11	9					
55-59	0.994412	0.996295		23	8					
60-64	0.990746	0.994351		-3	24					
65-69	0.986250	0.990957		13	9					
70+	0.948021	0.954656		-62	-75					
TOTAL				136	153	571	570	572	617	686
TOTAL				289						

* Migration Period: 20-year average (2001 – 2021)

COALHURST

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	1476					
2006	1523					
2011	1963					
2016	2668					
2021	2869	2869	2869	2869	2869	2869
2026		3279	3564	3103	3379	3307
2031		3672	4306	3322	3892	3733
2036		4065	5201	3541	4422	4164
2041		4458	6283	3767	4976	4613
2046		4852	7590	4006	5565	5093



Municipality: **COALHURST**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	125	120	116	112	118	114	120	116	126	121	135	130
5-9	135	120	137	131	128	123	130	125	132	127	138	133
10-14	105	120	135	115	137	126	128	118	130	120	132	122
15-19	90	85	105	120	135	115	137	126	128	118	130	120
20-24	100	90	95	70	110	105	140	100	142	111	133	103
25-29	125	105	105	115	100	95	115	130	145	125	147	136
30-34	110	135	155	125	135	135	130	115	145	150	175	145
35-39	115	125	105	150	150	140	130	150	125	130	140	165
40-44	90	80	110	125	100	150	145	140	125	150	120	130
45-49	80	70	80	60	100	105	90	130	135	120	115	130
50-54	80	60	70	60	70	50	90	95	80	120	125	110
55-59	65	90	85	55	75	55	75	45	95	90	85	115
60-64	80	75	65	95	85	60	75	60	75	50	94	95
65-69	55	65	80	85	65	105	84	70	74	70	74	60
70+	100	90	119	124	161	177	186	246	230	278	261	309
TOTAL	1450	1425	1561	1542	1668	1654	1775	1766	1887	1880	2004	2002
TOTAL	2869		3103		3322		3541		3767		4006	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		12	11					
5-9	0.999919	0.999931		0	-5					
10-14	0.999828	0.999880		0	0					
15-19	0.999457	0.999689	0.0620	5	-15	5	7	7	8	7
20-24	0.999036	0.999418	0.3697	5	25	33	26	39	37	41
25-29	0.998868	0.999579	0.6488	30	20	68	75	62	84	81
30-34	0.998687	0.999520	0.6206	-5	15	84	78	84	71	93
35-39	0.998757	0.999240	0.2673	-5	0	33	40	37	40	35
40-44	0.998077	0.998940	0.0489	-10	-20	4	6	7	7	7
45-49	0.997526	0.998567	0.0033	-10	-10	0	0	0	0	0
50-54	0.996162	0.997438		5	-5					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		0	10					
65-69	0.986250	0.990957		-4	0					
70+	0.948021	0.954656		-26	-26					
TOTAL				-1	6	228	232	236	248	265
TOTAL				5						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **COALHURST**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	125	120	116	112	128	123	139	134	155	149	176	169
5-9	135	120	158	150	150	141	161	153	173	164	189	179
10-14	105	120	143	128	166	157	157	149	169	160	180	171
15-19	90	85	120	127	158	135	181	165	172	156	184	168
20-24	100	90	102	82	132	125	170	133	193	162	185	154
25-29	125	105	117	117	120	110	150	152	187	160	211	190
30-34	110	135	162	142	155	155	157	147	187	190	225	197
35-39	115	125	117	152	170	160	162	172	165	165	195	207
40-44	90	80	127	142	130	170	182	177	175	190	177	182
45-49	80	70	95	77	132	140	135	167	187	175	180	187
50-54	80	60	85	65	100	72	137	135	140	162	192	170
55-59	65	90	85	65	90	70	105	77	142	139	144	167
60-64	80	75	75	95	95	70	100	75	114	82	151	144
65-69	55	65	77	77	72	97	92	72	97	77	111	85
70+	100	90	128	136	177	192	218	266	277	311	337	359
TOTAL	1450	1425	1710	1670	1974	1918	2247	2175	2533	2443	2836	2729
TOTAL	2869		3379		3892		4422		4976		5565	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		34	30					
5-9	0.999919	0.999931		8	8					
10-14	0.999828	0.999880		15	8					
15-19	0.999457	0.999689	0.0620	13	-2	5	8	8	10	10
20-24	0.999036	0.999418	0.3697	18	28	33	30	46	49	60
25-29	0.998868	0.999579	0.6488	38	38	68	76	71	99	104
30-34	0.998687	0.999520	0.6206	8	18	84	88	96	92	118
35-39	0.998757	0.999240	0.2673	13	18	33	41	43	46	44
40-44	0.998077	0.998940	0.0489	5	-2	4	7	8	9	9
45-49	0.997526	0.998567	0.0033	5	-5	0	0	0	1	1
50-54	0.996162	0.997438		5	5					
55-59	0.994412	0.996295		10	5					
60-64	0.990746	0.994351		-2	3					
65-69	0.986250	0.990957		3	3					
70+	0.948021	0.954656		-24	-17					
TOTAL				147	134	228	251	274	305	345
TOTAL				281						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **COALHURST**

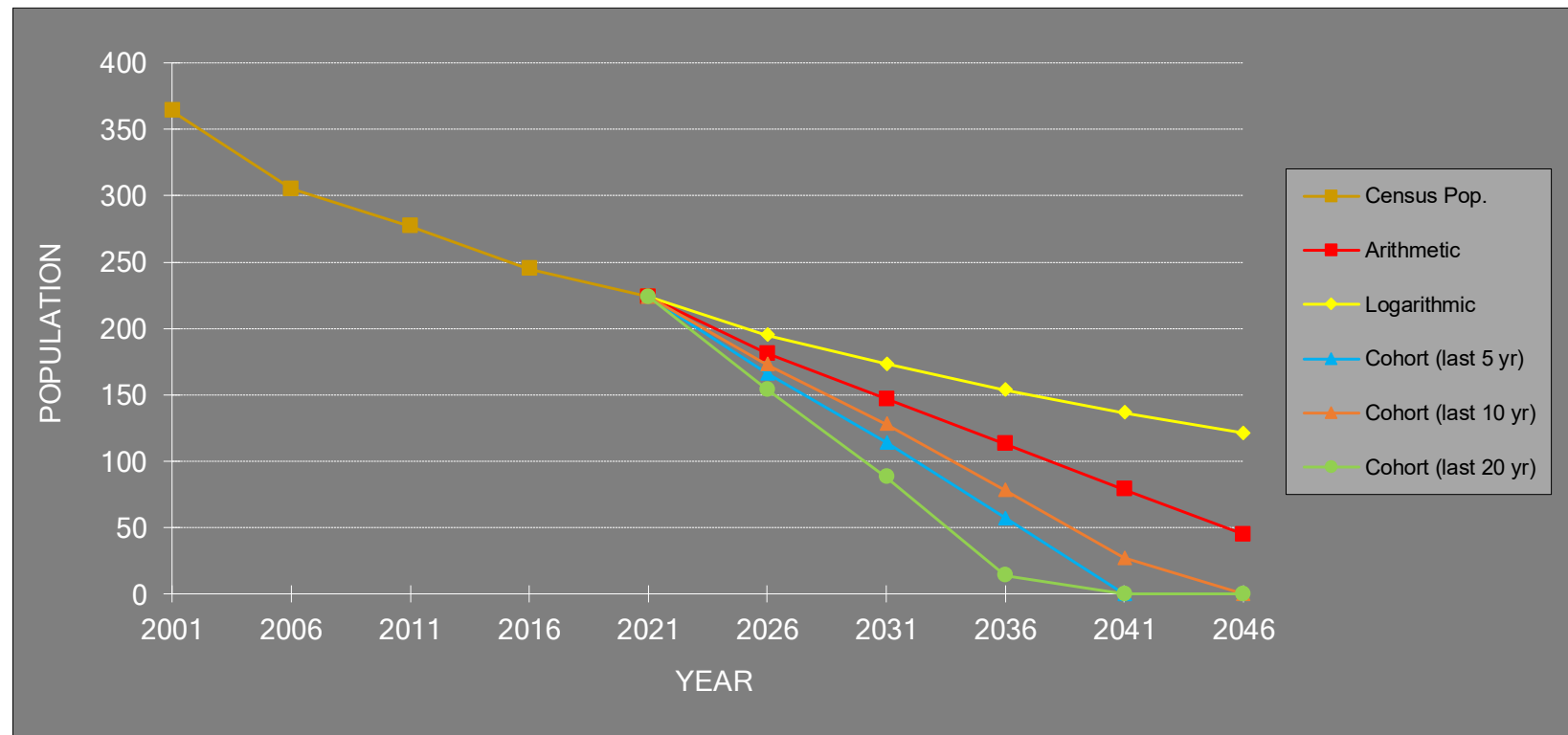
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	125	120	116	112	121	116	126	121	139	134	158	152
5-9	135	120	149	148	140	140	145	144	150	150	163	162
10-14	105	120	140	128	154	156	145	148	150	152	155	157
15-19	90	85	117	125	153	133	167	161	158	153	162	157
20-24	100	90	96	81	124	121	159	129	173	157	164	149
25-29	125	105	102	104	99	95	126	135	161	142	175	171
30-34	110	135	159	140	136	139	132	130	160	170	195	177
35-39	115	125	119	141	167	146	145	145	141	136	168	176
40-44	90	80	124	139	127	155	176	160	153	159	150	150
45-49	80	70	92	79	126	137	130	154	178	159	156	157
50-54	80	60	80	74	92	82	126	141	130	157	178	162
55-59	65	90	82	59	82	72	95	81	128	139	132	156
60-64	80	75	72	96	90	65	90	79	102	87	135	145
65-69	55	65	78	75	71	96	88	65	88	78	100	87
70+	100	90	138	141	198	200	247	277	310	320	370	374
TOTAL	1450	1425	1666	1641	1880	1853	2095	2068	2321	2292	2561	2531
TOTAL	2869		3307		3733		4164		4613		5093	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		24	28					
5-9	0.999919	0.999931		5	8					
10-14	0.999828	0.999880		13	5					
15-19	0.999457	0.999689	0.0620	6	-4	5	8	8	10	9
20-24	0.999036	0.999418	0.3697	3	14	33	30	45	48	58
25-29	0.998868	0.999579	0.6488	34	35	68	67	62	88	92
30-34	0.998687	0.999520	0.6206	9	6	84	87	86	81	105
35-39	0.998757	0.999240	0.2673	9	14	33	38	39	39	36
40-44	0.998077	0.998940	0.0489	3	-1	4	7	8	8	8
45-49	0.997526	0.998567	0.0033	0	4	0	0	0	1	1
50-54	0.996162	0.997438		3	-1					
55-59	0.994412	0.996295		8	6					
60-64	0.990746	0.994351		-1	0					
65-69	0.986250	0.990957		3	3					
70+	0.948021	0.954656		-13	-12					
TOTAL				104	105	228	237	248	273	310
TOTAL				209						

* Migration Period: 20-year average (2001 – 2021)

COUTTS

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	364					
2006	305					
2011	277					
2016	245					
2021	224	224	224	224	224	224
2026		181	195	166	173	154
2031		147	173	114	128	88
2036		113	154	57	78	14
2041		79	137	0	27	0
2046		45	121	0	0	0



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **COUTTS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	3	2	-1	-1	-4	-4	-5	-5	-8	-8
5-9	0	5	5	-5	3	-2	-1	-6	-4	-8	-5	-10
10-14	5	5	-5	5	0	-5	-2	-2	-6	-6	-9	-8
15-19	5	5	0	0	-10	0	-5	-10	-7	-7	-11	-11
20-24	0	0	5	5	0	0	-10	0	-5	-10	-7	-7
25-29	0	0	-5	-5	0	0	-5	-5	-15	-5	-10	-15
30-34	5	5	0	-5	-5	-10	0	-5	-5	-10	-15	-10
35-39	5	5	5	5	0	-5	-5	-10	0	-5	-5	-10
40-44	0	5	5	5	5	5	0	-5	-5	-10	0	-5
45-49	10	5	-5	5	0	5	0	5	-5	-5	-10	-10
50-54	10	10	15	10	0	10	5	10	5	10	0	0
55-59	10	20	10	15	15	15	0	15	5	15	5	15
60-64	15	20	10	20	10	15	15	15	0	15	5	15
65-69	10	5	15	25	10	25	10	20	15	20	0	20
70+	20	20	25	1	35	2	39	3	43	-1	52	-5
TOTAL	105	120	82	83	61	53	36	21	10	-13	-19	-49
TOTAL	224		166		114		57		-2		-67	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		0	-5					
5-9	0.999919	0.999931		-5	0					
10-14	0.999828	0.999880		-5	-5					
15-19	0.999457	0.999689	0.0620	0	0	0	0	0	-1	0
20-24	0.999036	0.999418	0.3697	-5	-5	0	2	0	0	-4
25-29	0.998868	0.999579	0.6488	0	-5	0	-3	0	-3	-3
30-34	0.998687	0.999520	0.6206	0	0	3	-3	-6	-3	-6
35-39	0.998757	0.999240	0.2673	0	0	1	1	-1	-3	-1
40-44	0.998077	0.998940	0.0489	-5	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0033	5	5	0	0	0	0	0
50-54	0.996162	0.997438		0	5					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		0	5					
65-69	0.986250	0.990957		5	-5					
70+	0.948021	0.954656		-9	-19					
TOTAL				-19	-28	5	-3	-7	-10	-15
TOTAL				-47						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **COUTTS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	3	2	-1	-1	-3	-3	-4	-4	-5	-5
5-9	0	5	5	-2	2	0	-1	-4	-3	-6	-4	-6
10-14	5	5	-5	8	0	0	-3	2	-6	-1	-8	-3
15-19	5	5	0	2	-10	5	-5	-2	-8	0	-11	-4
20-24	0	0	5	2	0	0	-10	3	-5	-5	-8	-3
25-29	0	0	-5	-5	0	-2	-5	-5	-15	-2	-10	-10
30-34	5	5	-2	-2	-7	-7	-2	-5	-7	-7	-17	-5
35-39	5	5	5	5	-2	-2	-7	-7	-2	-5	-7	-7
40-44	0	5	3	5	3	5	-5	-2	-10	-7	-5	-5
45-49	10	5	0	2	3	2	3	2	-5	-5	-10	-10
50-54	10	10	15	7	5	5	8	5	8	5	0	-2
55-59	10	20	12	12	17	10	8	8	10	8	10	8
60-64	15	20	8	20	10	12	15	10	5	8	7	8
65-69	10	5	12	22	5	22	7	15	12	12	3	10
70+	20	20	25	13	32	23	32	33	34	35	40	35
TOTAL	105	120	80	93	56	72	29	49	2	25	-26	0
TOTAL	224		173		128		78		27		-26	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		0	-2					
5-9	0.999919	0.999931		-5	3					
10-14	0.999828	0.999880		-5	-2					
15-19	0.999457	0.999689	0.0620	0	-2	0	0	0	0	0
20-24	0.999036	0.999418	0.3697	-5	-5	0	1	0	1	-2
25-29	0.998868	0.999579	0.6488	-2	-2	0	-3	-2	-3	-2
30-34	0.998687	0.999520	0.6206	0	0	3	-2	-5	-3	-5
35-39	0.998757	0.999240	0.2673	-2	0	1	1	-1	-2	-1
40-44	0.998077	0.998940	0.0489	0	-2	0	0	0	0	0
45-49	0.997526	0.998567	0.0033	5	3	0	0	0	0	0
50-54	0.996162	0.997438		3	3					
55-59	0.994412	0.996295		-2	0					
60-64	0.990746	0.994351		-2	3					
65-69	0.986250	0.990957		5	-2					
70+	0.948021	0.954656		-9	-9					
TOTAL				-21	-19	5	-2	-6	-8	-10
TOTAL				-40						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **COUTTS**

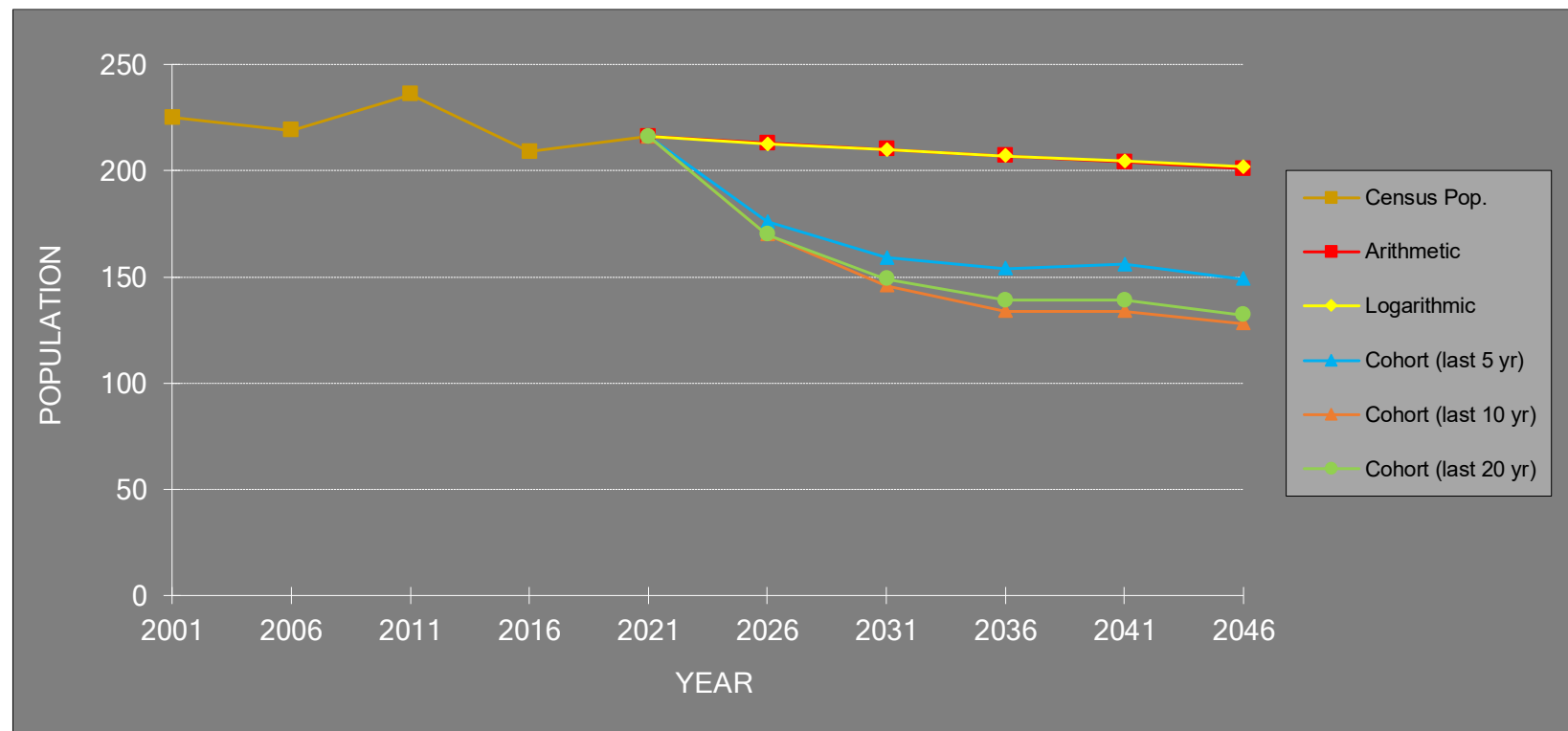
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	3	2	-2	-2	-6	-6	-8	-8	-10	-10
5-9	0	5	6	-2	4	0	-1	-5	-5	-8	-7	-10
10-14	5	5	-2	4	4	-4	1	-1	-4	-6	-7	-9
15-19	5	5	1	3	-6	1	0	-6	-3	-4	-7	-8
20-24	0	0	1	1	-2	-1	-10	-2	-4	-10	-6	-7
25-29	0	0	-6	-7	-5	-6	-9	-9	-16	-10	-10	-17
30-34	5	5	-2	-2	-9	-10	-7	-9	-11	-11	-19	-12
35-39	5	5	4	4	-4	-4	-10	-11	-9	-10	-12	-12
40-44	0	5	1	6	0	5	-7	-2	-14	-10	-12	-9
45-49	10	5	-2	0	-1	1	-2	0	-10	-7	-16	-15
50-54	10	10	11	5	-1	0	0	1	-1	0	-9	-7
55-59	10	20	10	12	11	8	-1	3	0	4	-1	3
60-64	15	20	9	21	9	14	10	9	-2	4	-1	5
65-69	10	5	14	21	7	22	7	15	9	10	-4	5
70+	20	20	26	14	36	24	39	35	41	38	45	36
TOTAL	105	120	72	81	39	48	3	11	-36	-28	-77	-69
TOTAL	224		154		88		14		-64		-147	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	-2					
5-9	0.999919	0.999931		-2	-1					
10-14	0.999828	0.999880		-4	-2					
15-19	0.999457	0.999689	0.0620	-4	-4	0	0	0	0	0
20-24	0.999036	0.999418	0.3697	-6	-7	0	0	0	-1	-4
25-29	0.998868	0.999579	0.6488	-2	-2	0	-5	-4	-6	-6
30-34	0.998687	0.999520	0.6206	-1	-1	3	-2	-6	-5	-7
35-39	0.998757	0.999240	0.2673	-4	1	1	1	-1	-3	-3
40-44	0.998077	0.998940	0.0489	-2	-5	0	0	0	0	0
45-49	0.997526	0.998567	0.0033	1	0	0	0	0	0	0
50-54	0.996162	0.997438		0	3					
55-59	0.994412	0.996295		-1	1					
60-64	0.990746	0.994351		-1	1					
65-69	0.986250	0.990957		5	-1					
70+	0.948021	0.954656		-8	-9					
TOTAL				-29	-30	5	-4	-11	-16	-20
TOTAL				-59						

* Migration Period: 20-year average (2001 – 2021)

COWLEY

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	225					
2006	219					
2011	236					
2016	209					
2021	216	216	216	216	216	216
2026		213	212	176	170	170
2031		210	210	159	146	149
2036		207	207	154	134	139
2041		204	204	156	134	139
2046		201	202	149	128	132



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **COWLEY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	5	4	3	3	9	8	13	12	7	7
5-9	15	0	3	-7	3	-2	1	-3	7	2	11	6
10-14	5	20	20	0	8	-7	8	-2	6	-3	12	2
15-19	0	10	10	25	25	5	13	-2	13	3	11	2
20-24	0	0	0	10	10	25	25	5	13	-2	13	3
25-29	5	0	-5	-5	-5	5	5	20	20	0	8	-7
30-34	5	10	5	0	-5	-5	-5	5	5	20	20	0
35-39	0	5	10	15	10	5	0	0	0	10	10	25
40-44	15	5	-5	0	5	10	5	0	-5	-5	-5	5
45-49	5	0	20	5	0	0	10	10	10	0	0	-5
50-54	10	5	5	-5	20	0	0	-5	10	5	10	-5
55-59	5	10	10	5	5	-5	20	0	0	-5	10	5
60-64	5	10	5	10	10	5	5	-5	20	0	0	-5
65-69	10	5	5	5	5	5	10	0	5	-10	20	-5
70+	10	15	6	20	-4	24	-12	29	-16	28	-24	17
TOTAL	110	105	93	83	90	69	94	60	101	55	104	45
TOTAL	216		176		159		154		156		149	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-2	-7					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		5	5					
15-19	0.999457	0.999689	0.1017	0	0	1	3	1	0	0
20-24	0.999036	0.999418	0.5237	-5	-5	0	5	13	3	-1
25-29	0.998868	0.999579	0.9853	0	0	0	-5	5	20	0
30-34	0.998687	0.999520	0.6492	5	5	6	0	-3	3	13
35-39	0.998757	0.999240	0.2433	-5	-5	1	4	1	0	2
40-44	0.998077	0.998940	0.0511	5	0	0	0	1	0	0
45-49	0.997526	0.998567	0.0018	0	-5	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		0	-5					
65-69	0.986250	0.990957		0	0					
70+	0.948021	0.954656		-14	0					
TOTAL				-6	-16	9	7	17	25	15
TOTAL				-21						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **COWLEY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	5	4	3	3	9	8	15	14	11	11
5-9	15	0	5	-7	5	-2	3	-4	9	1	15	7
10-14	5	20	15	3	5	-4	5	0	3	-2	9	4
15-19	0	10	2	27	13	10	3	3	2	8	1	6
20-24	0	0	0	10	2	27	12	10	3	3	2	8
25-29	5	0	-5	-5	-5	5	-2	22	7	5	-2	-2
30-34	5	10	5	-2	-5	-7	-5	2	-2	20	7	2
35-39	0	5	7	15	7	3	-2	-2	-2	7	0	25
40-44	15	5	-2	2	5	12	5	0	-5	-5	-5	5
45-49	5	0	17	7	0	5	7	15	7	3	-2	-2
50-54	10	5	3	-5	15	2	-2	0	5	10	5	-2
55-59	5	10	7	7	0	-2	12	5	-5	3	3	12
60-64	5	10	3	10	5	7	-2	-2	10	5	-7	3
65-69	10	5	3	7	0	7	2	5	-5	-5	7	3
70+	10	15	15	15	13	17	8	19	6	19	-3	9
TOTAL	110	105	80	90	63	83	53	82	48	86	41	87
TOTAL	216		170		146		134		134		128	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		0	-7					
5-9	0.999919	0.999931		0	3					
10-14	0.999828	0.999880		-2	8					
15-19	0.999457	0.999689	0.1017	0	0	1	3	1	0	1
20-24	0.999036	0.999418	0.5237	-5	-5	0	5	14	5	2
25-29	0.998868	0.999579	0.9853	0	-2	0	-5	5	22	5
30-34	0.998687	0.999520	0.6492	3	5	6	-2	-5	2	13
35-39	0.998757	0.999240	0.2433	-2	-2	1	4	1	-1	2
40-44	0.998077	0.998940	0.0511	3	3	0	0	1	0	0
45-49	0.997526	0.998567	0.0018	-2	-5	0	0	0	0	0
50-54	0.996162	0.997438		-2	3					
55-59	0.994412	0.996295		-2	0					
60-64	0.990746	0.994351		-2	-2					
65-69	0.986250	0.990957		3	-2					
70+	0.948021	0.954656		-7	-2					
TOTAL				-18	-9	9	5	17	29	22
TOTAL				-27						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **COWLEY**

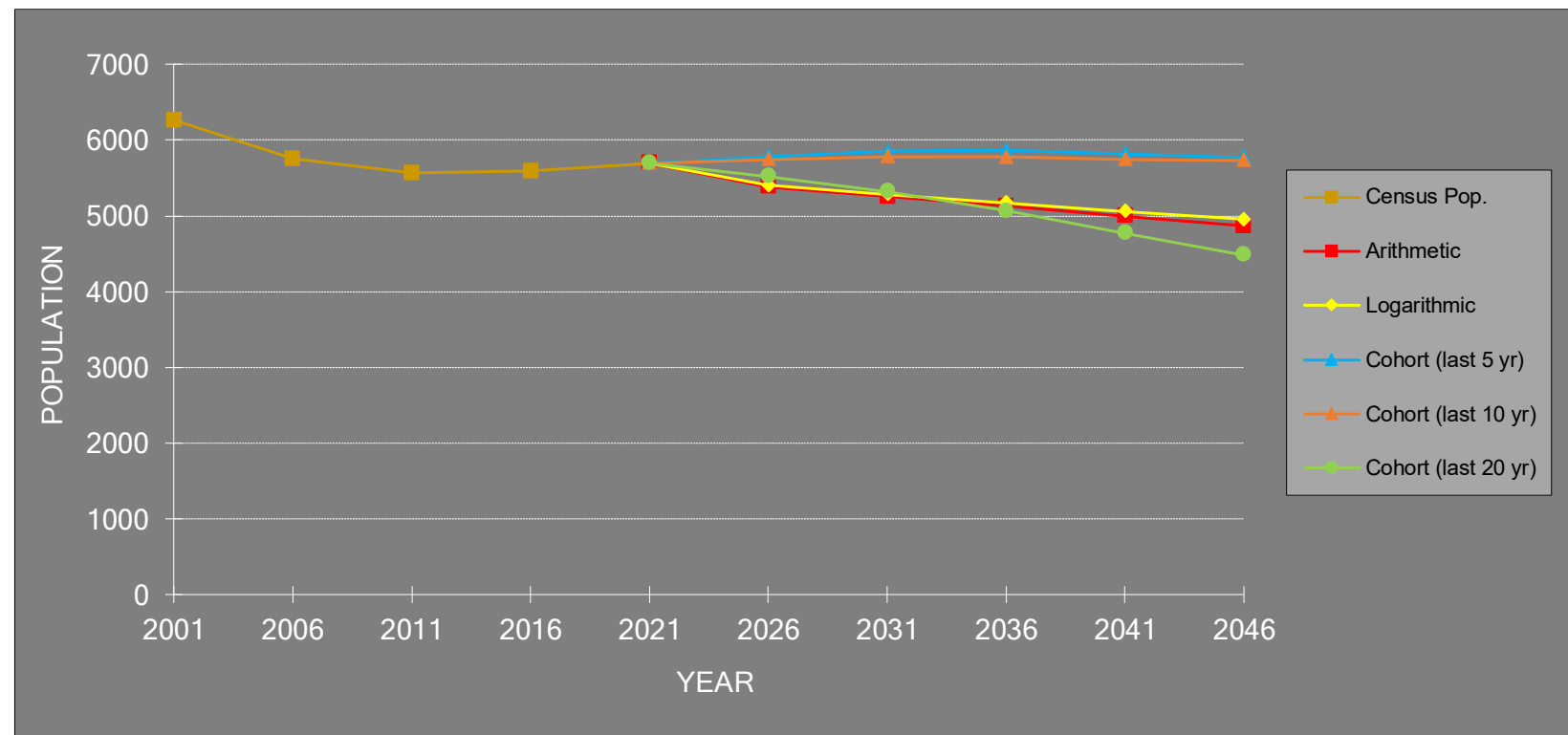
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	5	4	4	4	9	9	14	14	10	10
5-9	15	0	3	-3	2	1	1	0	7	6	12	11
10-14	5	20	19	0	7	-3	6	1	5	0	11	6
15-19	0	10	1	26	15	6	3	3	2	7	1	7
20-24	0	0	0	9	1	25	15	5	3	2	2	6
25-29	5	0	-5	-2	-5	6	-4	22	10	3	-2	-1
30-34	5	10	5	-1	-5	-4	-5	5	-4	21	10	1
35-39	0	5	9	12	9	1	-1	-1	-1	7	0	24
40-44	15	5	-1	2	7	10	7	-1	-2	-4	-2	5
45-49	5	0	17	5	1	3	10	10	10	-1	0	-4
50-54	10	5	6	-2	19	3	3	0	11	7	11	-4
55-59	5	10	7	7	4	0	16	5	0	3	9	10
60-64	5	10	5	9	7	6	4	-1	16	4	0	1
65-69	10	5	1	10	1	9	4	6	0	-1	12	4
70+	10	15	9	12	0	15	-9	16	-15	15	-25	6
TOTAL	110	105	82	89	67	82	59	80	56	83	50	82
TOTAL	216		170		149		139		139		132	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-2	-3					
5-9	0.999919	0.999931		4	0					
10-14	0.999828	0.999880		-4	6					
15-19	0.999457	0.999689	0.1017	0	-1	1	3	1	0	1
20-24	0.999036	0.999418	0.5237	-5	-2	0	5	13	3	1
25-29	0.998868	0.999579	0.9853	0	-1	0	-2	6	22	2
30-34	0.998687	0.999520	0.6492	4	3	6	-1	-2	3	14
35-39	0.998757	0.999240	0.2433	-1	-2	1	3	0	0	2
40-44	0.998077	0.998940	0.0511	3	0	0	0	1	0	0
45-49	0.997526	0.998567	0.0018	1	-2	0	0	0	0	0
50-54	0.996162	0.997438		-2	3					
55-59	0.994412	0.996295		0	-1					
60-64	0.990746	0.994351		-4	0					
65-69	0.986250	0.990957		0	-2					
70+	0.948021	0.954656		-10	-4					
TOTAL				-17	-10	9	7	18	28	20
TOTAL				-27						

* Migration Period: 20-year average (2001 – 2021)

CROWSNEST PASS

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	6262					
2006	5749					
2011	5565					
2016	5589					
2021	5695	5695	5695	5695	5695	5695
2026		5384	5401	5782	5742	5522
2031		5254	5285	5852	5780	5324
2036		5125	5171	5862	5775	5067
2041		4996	5059	5822	5746	4773
2046		4866	4950	5770	5732	4485



Municipality: **CROWSNEST PASS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	110	85	93	89	87	84	65	62	46	44	45	43
5-9	135	130	128	82	111	86	105	80	83	59	65	41
10-14	135	125	150	125	143	77	126	81	120	76	98	55
15-19	125	85	115	115	130	115	123	67	106	71	100	66
20-24	95	70	120	65	110	95	125	95	118	47	101	51
25-29	125	130	60	5	85	0	75	30	90	30	83	-18
30-34	140	150	155	175	90	50	115	45	105	75	120	75
35-39	170	175	180	190	195	215	130	90	155	85	145	115
40-44	170	150	185	185	195	200	210	225	145	100	170	95
45-49	170	155	170	155	185	190	195	205	210	230	145	105
50-54	190	190	180	160	180	160	195	195	205	210	219	235
55-59	240	260	205	205	195	175	195	175	209	209	219	224
60-64	300	295	260	265	224	210	214	180	214	180	229	214
65-69	280	260	299	309	259	279	224	225	214	195	214	195
70+	525	515	783	575	1047	681	1258	753	1423	767	1570	751
TOTAL	2915	2780	3082	2700	3236	2616	3354	2507	3444	2378	3523	2247
TOTAL	5695		5782		5852		5862		5822		5770	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		18	-3					
5-9	0.999919	0.999931		15	-5					
10-14	0.999828	0.999880		-20	-10					
15-19	0.999457	0.999689	0.0776	-5	-20	7	9	9	5	6
20-24	0.999036	0.999418	0.1321	-35	-65	9	9	13	13	6
25-29	0.998868	0.999579	0.2494	30	45	32	1	0	7	8
30-34	0.998687	0.999520	0.4411	40	40	66	77	22	20	33
35-39	0.998757	0.999240	0.3227	15	10	56	61	69	29	27
40-44	0.998077	0.998940	0.0701	0	5	11	13	14	16	7
45-49	0.997526	0.998567	0.0039	10	5	1	1	1	1	1
50-54	0.996162	0.997438		15	15					
55-59	0.994412	0.996295		21	6					
60-64	0.990746	0.994351		2	16					
65-69	0.986250	0.990957		102	-4					
70+	0.948021	0.954656		-92	-171					
TOTAL				117	-135	182	171	128	91	88
TOTAL				-18						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **CROWSNEST PASS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	110	85	93	89	88	85	71	68	62	59	70	67
5-9	135	130	139	112	122	116	117	112	100	96	91	87
10-14	135	125	160	138	164	120	147	124	142	120	125	103
15-19	125	85	135	127	160	140	164	123	147	127	142	122
20-24	95	70	120	82	130	125	155	138	159	120	142	124
25-29	125	130	45	20	70	32	80	75	105	88	109	70
30-34	140	150	137	160	58	50	82	63	92	105	117	118
35-39	170	175	177	195	175	205	95	95	120	108	130	150
40-44	170	150	195	190	202	210	200	220	120	110	145	123
45-49	170	155	177	167	202	207	210	227	207	237	128	128
50-54	190	190	182	160	190	172	215	212	222	232	219	242
55-59	240	260	205	207	197	177	204	190	229	229	237	249
60-64	300	295	265	255	230	202	222	172	229	185	254	224
65-69	280	260	241	299	206	259	172	207	164	177	171	190
70+	525	515	678	589	786	698	853	763	882	773	902	753
TOTAL	2915	2780	2950	2791	2980	2800	2987	2788	2981	2765	2983	2749
TOTAL	5695		5742		5780		5775		5746		5732	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		29	27					
5-9	0.999919	0.999931		25	8					
10-14	0.999828	0.999880		0	3					
15-19	0.999457	0.999689	0.0776	-5	-2	7	10	11	10	10
20-24	0.999036	0.999418	0.1321	-50	-50	9	11	17	18	16
25-29	0.998868	0.999579	0.2494	13	30	32	5	8	19	22
30-34	0.998687	0.999520	0.4411	38	45	66	71	22	28	46
35-39	0.998757	0.999240	0.3227	25	15	56	63	66	31	35
40-44	0.998077	0.998940	0.0701	8	18	11	13	15	15	8
45-49	0.997526	0.998567	0.0039	13	5	1	1	1	1	1
50-54	0.996162	0.997438		15	18					
55-59	0.994412	0.996295		26	-4					
60-64	0.990746	0.994351		-56	6					
65-69	0.986250	0.990957		35	-14					
70+	0.948021	0.954656		-130	-147					
TOTAL				-15	-43	182	173	139	121	137
TOTAL				-58						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **CROWSNEST PASS**

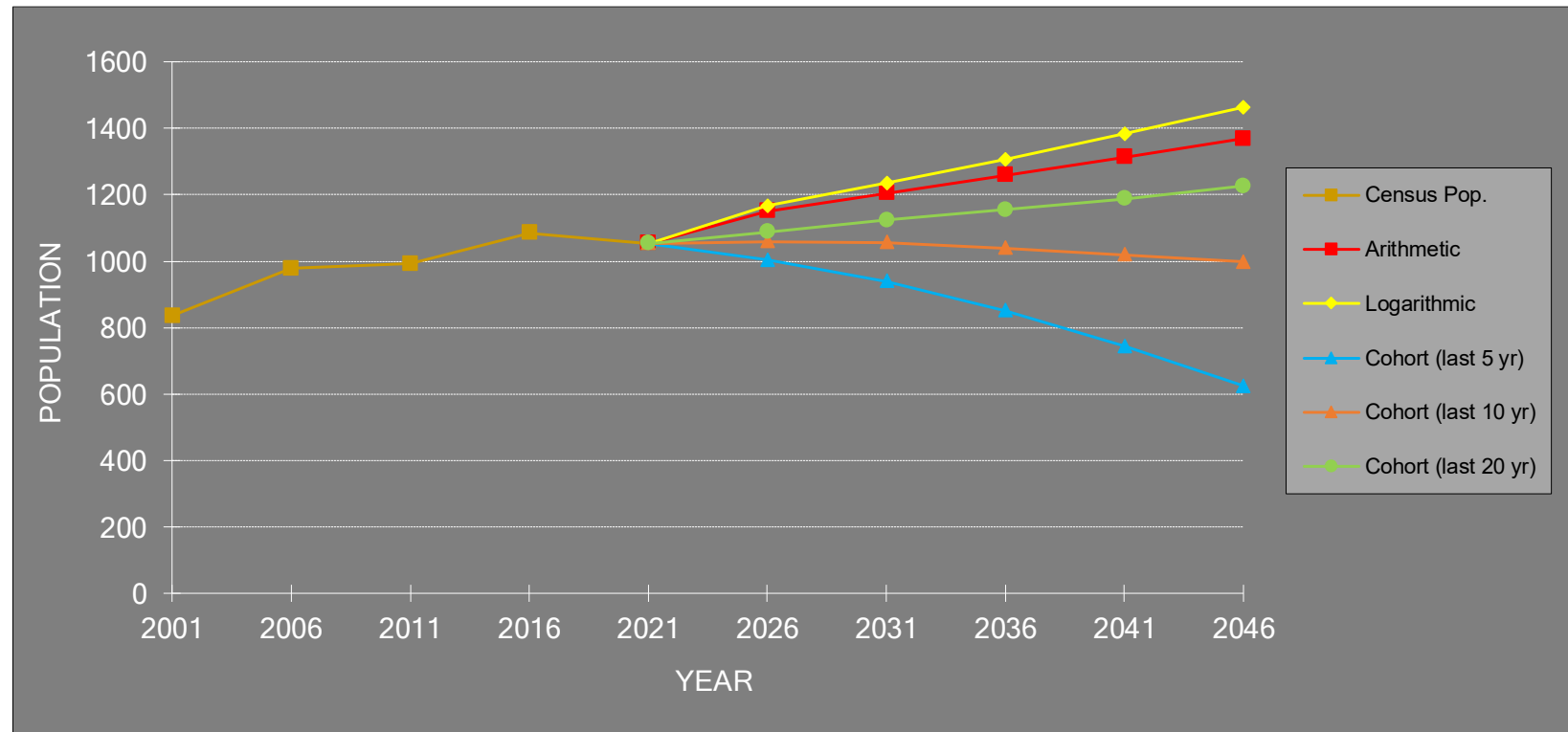
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	110	85	93	89	79	76	53	51	37	35	40	38
5-9	135	130	128	100	111	104	97	91	71	67	55	51
10-14	135	125	148	131	140	102	123	106	109	92	84	68
15-19	125	85	127	127	140	134	133	104	116	108	102	95
20-24	95	70	112	62	115	105	128	111	120	82	103	86
25-29	125	130	21	11	39	4	41	46	54	53	47	23
30-34	140	150	129	144	25	25	43	18	45	60	58	66
35-39	170	175	174	176	162	170	59	51	76	44	79	86
40-44	170	150	186	184	190	185	179	179	75	60	93	53
45-49	170	155	170	155	186	189	190	190	179	184	75	65
50-54	190	190	172	165	172	165	189	199	192	200	181	194
55-59	240	260	197	199	180	174	180	174	196	207	200	208
60-64	300	295	256	263	213	202	196	177	196	177	212	211
65-69	280	260	277	299	234	268	192	207	175	182	174	182
70+	525	515	649	576	763	672	829	734	849	732	852	706
TOTAL	2915	2780	2840	2683	2750	2574	2630	2438	2490	2283	2353	2132
TOTAL	5695		5522		5324		5067		4773		4485	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		18	15					
5-9	0.999919	0.999931		13	1					
10-14	0.999828	0.999880		-7	3					
15-19	0.999457	0.999689	0.0776	-12	-22	7	10	10	8	8
20-24	0.999036	0.999418	0.1321	-74	-59	9	8	14	15	11
25-29	0.998868	0.999579	0.2494	4	14	32	3	1	12	13
30-34	0.998687	0.999520	0.4411	34	26	66	63	11	8	26
35-39	0.998757	0.999240	0.3227	16	9	56	57	55	17	14
40-44	0.998077	0.998940	0.0701	0	5	11	13	13	13	4
45-49	0.997526	0.998567	0.0039	3	10	1	1	1	1	1
50-54	0.996162	0.997438		8	9					
55-59	0.994412	0.996295		17	4					
60-64	0.990746	0.994351		-20	6					
65-69	0.986250	0.990957		19	-8					
70+	0.948021	0.954656		-145	-166					
TOTAL				-126	-152	182	155	105	72	78
TOTAL				-277						

* Migration Period: 20-year average (2001 – 2021)

DUCHESS

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	836					
2006	978					
2011	992					
2016	1085					
2021	1053	1053	1053	1053	1053	1053
2026		1151	1167	1004	1059	1088
2031		1205	1235	939	1056	1123
2036		1259	1307	851	1040	1155
2041		1313	1383	744	1019	1188
2046		1368	1463	624	998	1226



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **DUCHESS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	40	40	30	29	21	20	11	11	2	2	-3	-3
5-9	45	45	42	44	33	33	24	24	14	15	5	6
10-14	60	30	50	35	48	34	38	23	29	14	19	5
15-19	45	35	70	20	60	25	58	24	48	13	39	4
20-24	30	25	35	15	60	0	50	5	48	4	38	-7
25-29	30	30	20	15	25	5	50	-10	40	-5	37	-6
30-34	30	20	20	30	10	15	15	5	40	-10	30	-5
35-39	35	50	35	15	25	25	15	10	20	0	45	-15
40-44	40	50	25	50	25	15	15	25	5	10	10	0
45-49	45	35	35	60	20	60	20	25	10	35	0	20
50-54	35	30	35	25	25	50	10	50	10	15	0	25
55-59	25	30	35	20	35	15	25	40	10	40	10	5
60-64	25	30	20	20	30	10	30	5	20	30	5	30
65-69	30	20	30	35	25	25	35	15	35	10	25	35
70+	35	30	65	44	92	73	114	90	144	97	172	99
TOTAL	555	500	547	457	534	405	509	343	473	270	432	193
TOTAL	1053		1004		939		851		744		624	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		3	4					
5-9	0.999919	0.999931		5	-10					
10-14	0.999828	0.999880		10	-10					
15-19	0.999457	0.999689	0.0620	-10	-20	2	1	2	1	1
20-24	0.999036	0.999418	0.3697	-10	-10	9	6	0	2	1
25-29	0.998868	0.999579	0.6488	-10	0	19	10	3	-6	-3
30-34	0.998687	0.999520	0.6206	5	-5	12	19	9	3	-6
35-39	0.998757	0.999240	0.2673	-10	0	13	4	7	3	0
40-44	0.998077	0.998940	0.0489	-5	10	2	2	1	1	0
45-49	0.997526	0.998567	0.0033	-10	-10	0	0	0	0	0
50-54	0.996162	0.997438		0	-10					
55-59	0.994412	0.996295		-5	-10					
60-64	0.990746	0.994351		5	5					
65-69	0.986250	0.990957		5	0					
70+	0.948021	0.954656		-3	-4					
TOTAL				-30	-70	59	42	22	4	-6
TOTAL				-100						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **DUCHESS**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	40	40	30	29	25	24	19	19	17	16	18	18
5-9	45	45	41	50	31	39	26	34	21	29	18	26
10-14	60	30	53	40	49	45	39	34	33	29	28	24
15-19	45	35	67	30	60	40	56	45	46	34	41	29
20-24	30	25	40	20	62	15	55	25	51	30	41	19
25-29	30	30	22	17	32	12	55	7	47	18	44	23
30-34	30	20	25	33	18	20	27	15	50	10	42	20
35-39	35	50	35	20	30	33	23	20	32	15	55	10
40-44	40	50	33	47	33	18	28	30	20	18	30	13
45-49	45	35	42	57	35	55	35	25	30	37	23	25
50-54	35	30	40	32	37	55	30	52	30	23	25	35
55-59	25	30	32	25	37	27	35	50	27	47	27	18
60-64	25	30	20	22	27	17	32	20	30	42	22	40
65-69	30	20	22	32	17	25	25	20	30	22	27	45
70+	35	30	57	42	70	66	78	81	93	91	111	102
TOTAL	555	500	560	498	565	491	563	478	558	461	553	445
TOTAL	1053		1059		1056		1040		1019		998	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	10					
5-9	0.999919	0.999931		8	-5					
10-14	0.999828	0.999880		8	0					
15-19	0.999457	0.999689	0.0620	-5	-15	2	2	2	3	2
20-24	0.999036	0.999418	0.3697	-7	-7	9	7	6	9	11
25-29	0.998868	0.999579	0.6488	-5	3	19	11	8	5	11
30-34	0.998687	0.999520	0.6206	5	0	12	20	12	9	6
35-39	0.998757	0.999240	0.2673	-2	-2	13	5	9	5	4
40-44	0.998077	0.998940	0.0489	3	8	2	2	1	1	1
45-49	0.997526	0.998567	0.0033	-5	-2	0	0	0	0	0
50-54	0.996162	0.997438		-2	-5					
55-59	0.994412	0.996295		-5	-7					
60-64	0.990746	0.994351		-2	3					
65-69	0.986250	0.990957		0	5					
70+	0.948021	0.954656		-6	-12					
TOTAL				-17	-28	59	49	38	33	36
TOTAL				-45						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **DUCHESS**

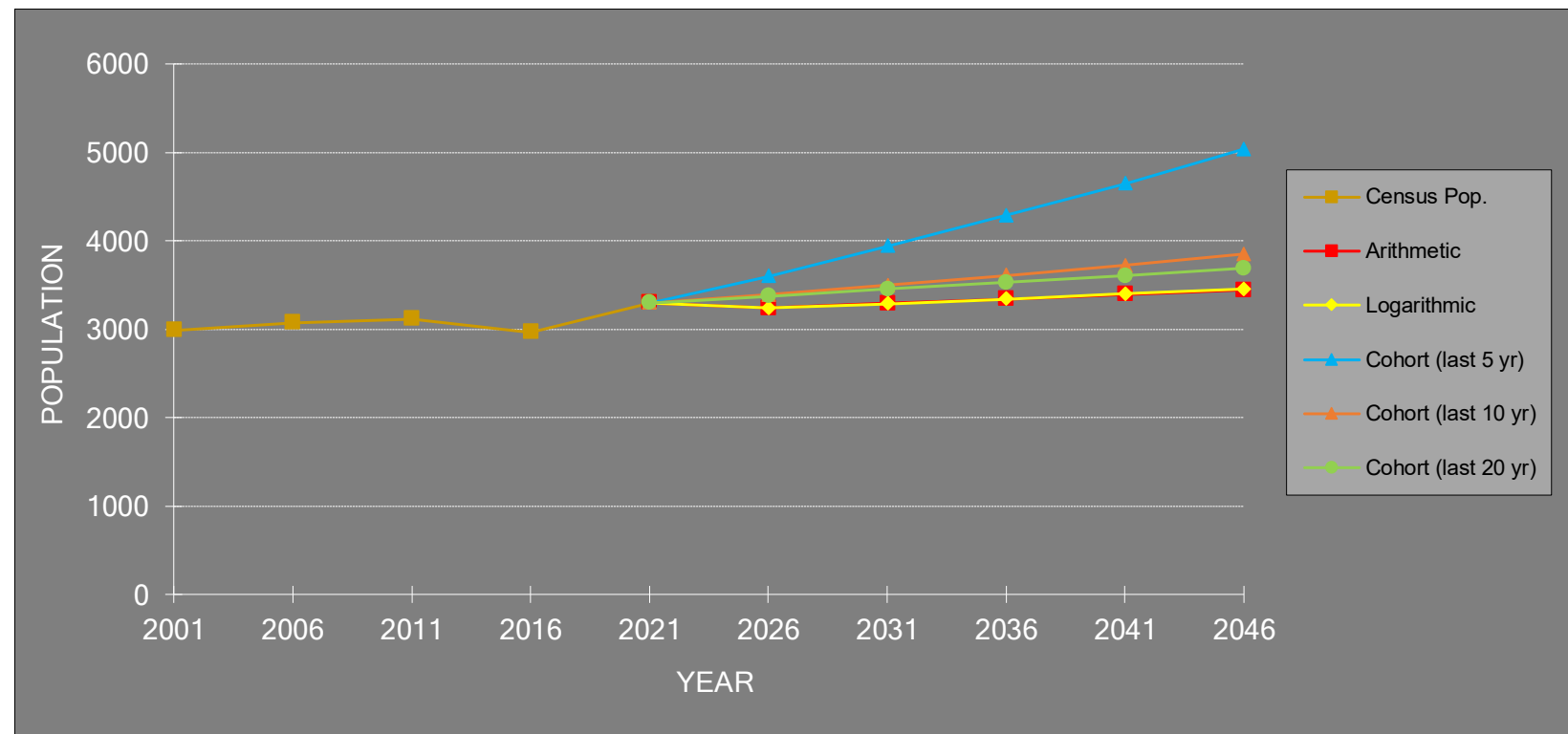
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	40	40	30	29	30	29	29	28	30	29	34	32
5-9	45	45	46	51	36	40	36	40	35	39	35	39
10-14	60	30	49	43	49	48	40	37	39	37	38	36
15-19	45	35	69	32	58	45	58	51	48	40	48	40
20-24	30	25	35	25	59	22	48	35	48	41	38	30
25-29	30	30	30	20	35	20	59	17	47	30	48	36
30-34	30	20	28	40	27	30	32	30	56	27	45	40
35-39	35	50	37	28	35	47	35	38	40	37	64	35
40-44	40	50	34	47	36	25	34	45	34	35	39	35
45-49	45	35	40	51	34	49	36	26	34	46	34	36
50-54	35	30	36	27	31	44	25	41	27	19	25	39
55-59	25	30	35	27	36	25	31	41	25	39	27	16
60-64	25	30	22	26	32	24	34	21	29	37	22	35
65-69	30	20	22	30	20	26	30	24	31	21	26	37
70+	35	30	56	42	67	63	76	80	94	93	113	103
TOTAL	555	500	569	519	586	537	602	554	618	570	636	590
TOTAL	1053		1088		1123		1155		1188		1226	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		6	11					
5-9	0.999919	0.999931		4	-2					
10-14	0.999828	0.999880		9	3					
15-19	0.999457	0.999689	0.0620	-10	-10	2	2	3	3	2
20-24	0.999036	0.999418	0.3697	0	-5	9	9	8	13	15
25-29	0.998868	0.999579	0.6488	-2	10	19	13	13	11	19
30-34	0.998687	0.999520	0.6206	8	8	12	25	19	19	17
35-39	0.998757	0.999240	0.2673	-1	-2	13	7	13	10	10
40-44	0.998077	0.998940	0.0489	0	1	2	2	1	2	2
45-49	0.997526	0.998567	0.0033	-9	-7	0	0	0	0	0
50-54	0.996162	0.997438		0	-2					
55-59	0.994412	0.996295		-2	-4					
60-64	0.990746	0.994351		-2	0					
65-69	0.986250	0.990957		1	3					
70+	0.948021	0.954656		-9	-9					
TOTAL				-8	-8	59	59	57	58	66
TOTAL				-16						

* Migration Period: 20-year average (2001 – 2021)

FORT MACLEOD

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	2990					
2006	3072					
2011	3117					
2016	2967					
2021	3297	3297	3297	3297	3297	3297
2026		3241	3239	3601	3389	3372
2031		3292	3291	3938	3499	3454
2036		3343	3345	4288	3610	3530
2041		3394	3399	4648	3722	3605
2046		3445	3454	5034	3848	3690



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **FORT MACLEOD**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	110	110	124	119	134	129	143	138	151	145	166	160
5-9	110	105	106	111	120	120	131	130	140	139	148	146
10-14	90	90	120	120	117	126	131	135	141	145	150	154
15-19	100	100	105	85	135	115	132	121	146	130	156	140
20-24	85	90	125	115	130	100	160	130	157	136	170	145
25-29	105	105	85	85	125	110	130	95	160	125	156	131
30-34	110	90	130	135	110	115	150	140	155	125	185	155
35-39	85	80	140	80	160	125	140	105	180	130	185	115
40-44	75	90	95	80	150	80	170	125	150	105	190	130
45-49	80	90	70	100	90	90	145	90	165	135	145	115
50-54	75	95	95	110	85	120	105	110	159	110	179	155
55-59	120	95	75	95	95	110	85	120	105	110	159	110
60-64	105	125	125	90	80	90	100	105	90	115	109	105
65-69	100	110	105	140	124	105	80	105	99	119	89	129
70+	245	310	294	343	344	405	411	429	431	452	469	488
TOTAL	1600	1695	1793	1808	1999	1939	2211	2077	2427	2220	2657	2377
TOTAL	3297		3601		3938		4288		4648		5034	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-3	1					
5-9	0.999919	0.999931		10	15					
10-14	0.999828	0.999880		15	-5					
15-19	0.999457	0.999689	0.1017	25	15	10	9	12	12	13
20-24	0.999036	0.999418	0.5237	0	-5	47	60	52	68	71
25-29	0.998868	0.999579	0.9853	25	30	103	84	108	94	123
30-34	0.998687	0.999520	0.6492	30	-10	58	88	75	91	81
35-39	0.998757	0.999240	0.2433	10	0	19	19	30	26	32
40-44	0.998077	0.998940	0.0511	-5	10	5	4	4	6	5
45-49	0.997526	0.998567	0.0018	15	20	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		5	-5					
60-64	0.990746	0.994351		1	15					
65-69	0.986250	0.990957		1	1					
70+	0.948021	0.954656		-38	-62					
TOTAL				91	21	243	264	282	297	326
TOTAL				112						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **FORT MACLEOD**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	110	110	124	119	126	121	128	123	131	126	137	132
5-9	110	105	106	105	120	114	122	116	124	118	126	120
10-14	90	90	110	108	106	107	120	117	122	119	124	121
15-19	100	100	92	87	113	105	108	105	122	114	124	116
20-24	85	90	102	110	95	97	115	115	111	115	125	124
25-29	105	105	70	75	87	95	80	82	100	100	96	100
30-34	110	90	115	125	80	95	97	115	90	102	110	120
35-39	85	80	122	90	127	125	92	95	110	115	102	102
40-44	75	90	85	80	122	90	127	125	92	95	110	115
45-49	80	90	65	82	75	72	112	82	117	117	82	87
50-54	75	95	90	97	75	90	85	80	122	90	127	125
55-59	120	95	75	95	90	97	75	90	85	80	122	90
60-64	105	125	115	92	70	92	85	95	70	87	80	77
65-69	100	110	107	130	117	97	72	97	87	100	72	92
70+	245	310	281	333	321	375	369	383	371	391	388	400
TOTAL	1600	1695	1659	1729	1724	1775	1789	1821	1854	1869	1925	1923
TOTAL	3297		3389		3499		3610		3722		3848	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-4	-5					
5-9	0.999919	0.999931		0	3					
10-14	0.999828	0.999880		3	-2					
15-19	0.999457	0.999689	0.1017	3	10	10	9	11	11	12
20-24	0.999036	0.999418	0.5237	-15	-15	47	58	51	60	60
25-29	0.998868	0.999579	0.9853	10	20	103	74	94	81	99
30-34	0.998687	0.999520	0.6492	13	0	58	81	62	75	67
35-39	0.998757	0.999240	0.2433	0	0	19	22	30	23	28
40-44	0.998077	0.998940	0.0511	-10	-7	5	4	5	6	5
45-49	0.997526	0.998567	0.0018	10	8	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		-5	-2					
60-64	0.990746	0.994351		3	5					
65-69	0.986250	0.990957		1	1					
70+	0.948021	0.954656		-51	-72					
TOTAL				-43	-58	243	248	252	256	270
TOTAL				-100						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **FORT MACLEOD**

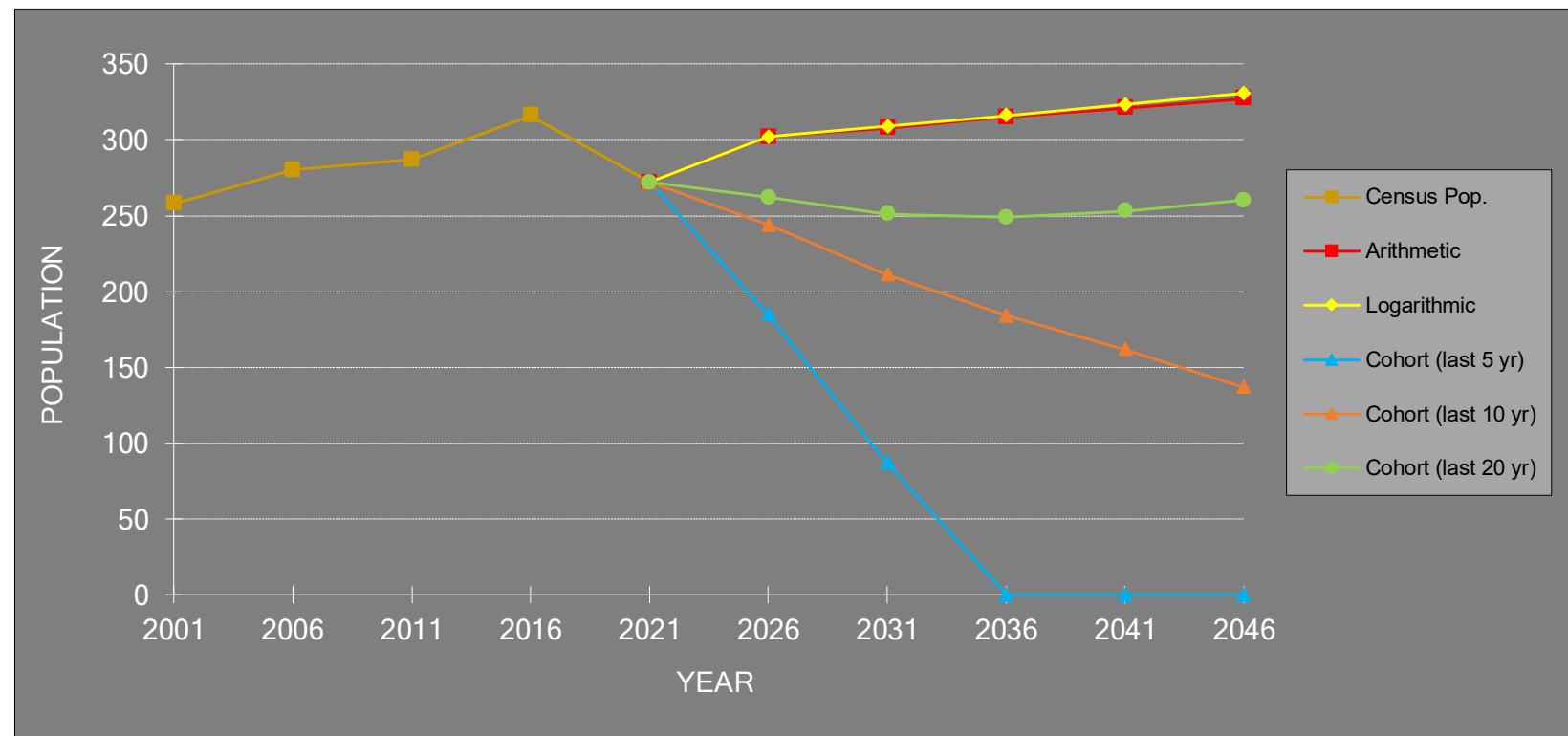
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	110	110	124	119	120	115	119	115	120	115	125	120
5-9	110	105	96	103	110	112	106	108	105	107	106	108
10-14	90	90	118	105	103	103	117	112	113	108	113	107
15-19	100	100	90	89	118	104	103	101	117	111	113	107
20-24	85	90	102	109	92	97	120	113	106	110	120	119
25-29	105	105	69	72	86	91	76	80	104	95	90	93
30-34	110	90	107	110	71	77	89	96	79	85	106	100
35-39	85	80	122	92	120	112	84	80	101	99	91	87
40-44	75	90	83	81	120	94	117	114	81	81	99	100
45-49	80	90	70	89	77	80	115	92	112	112	76	80
50-54	75	95	89	96	79	95	86	86	123	99	121	119
55-59	120	95	77	92	91	94	81	92	89	84	126	96
60-64	105	125	120	96	77	94	91	95	81	94	88	85
65-69	100	110	107	135	122	106	80	103	93	105	83	103
70+	245	310	280	330	320	373	372	386	380	396	401	406
TOTAL	1600	1695	1654	1718	1706	1747	1757	1773	1805	1800	1858	1831
TOTAL	3297		3372		3454		3530		3605		3690	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-14	-7					
5-9	0.999919	0.999931		8	0					
10-14	0.999828	0.999880		0	-1					
15-19	0.999457	0.999689	0.1017	3	9	10	9	11	10	11
20-24	0.999036	0.999418	0.5237	-16	-17	47	57	51	59	58
25-29	0.998868	0.999579	0.9853	3	5	103	71	90	79	94
30-34	0.998687	0.999520	0.6492	13	3	58	71	50	62	55
35-39	0.998757	0.999240	0.2433	-2	1	19	23	27	19	24
40-44	0.998077	0.998940	0.0511	-5	-1	5	4	5	6	4
45-49	0.997526	0.998567	0.0018	9	6	0	0	0	0	0
50-54	0.996162	0.997438		3	-2					
55-59	0.994412	0.996295		0	2					
60-64	0.990746	0.994351		3	10					
65-69	0.986250	0.990957		2	-1					
70+	0.948021	0.954656		-53	-74					
TOTAL				-48	-69	243	236	234	236	246
TOTAL				-117						

* Migration Period: 20-year average (2001 – 2021)

GLENWOOD

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	258					
2006	280					
2011	287					
2016	316					
2021	272	272	272	272	272	272
2026		302	302	185	244	262
2031		308	309	87	211	251
2036		315	316	0	184	249
2041		321	323	0	162	253
2046		327	330	0	137	260



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **GLENWOOD**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	10	4	4	-2	-2	-2	-2	-2	-2	-4	-4
5-9	15	10	-1	9	-3	3	-9	-3	-9	-3	-8	-3
10-14	20	15	20	10	4	9	2	3	-4	-3	-4	-3
15-19	5	15	20	15	20	10	4	9	2	3	-4	-3
20-24	5	0	-15	10	0	10	0	5	-16	4	-17	-2
25-29	5	0	0	-10	-20	0	-5	0	-5	-5	-21	-6
30-34	5	5	10	-5	5	-15	-15	-5	0	-5	0	-10
35-39	5	10	5	5	10	-5	5	-15	-15	-5	0	-5
40-44	10	10	0	5	0	0	5	-10	0	-20	-20	-10
45-49	5	5	0	5	-10	0	-10	-5	-5	-15	-10	-25
50-54	5	5	5	0	0	0	-10	-5	-10	-10	-5	-20
55-59	0	0	5	5	5	0	0	0	-10	-5	-10	-10
60-64	5	15	-10	-10	-5	-5	-5	-10	-10	-10	-20	-15
65-69	15	10	10	20	-5	-5	0	0	0	-5	-5	-5
70+	25	30	35	35	40	49	29	39	24	33	20	23
TOTAL	130	140	88	98	38	49	-11	0	-59	-48	-109	-98
TOTAL	272		185		87		-11		-107		-207	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-6	-1					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		0	0					
15-19	0.999457	0.999689	0.1017	-20	-5	2	2	1	1	0
20-24	0.999036	0.999418	0.5237	-5	-10	0	5	5	3	2
25-29	0.998868	0.999579	0.9853	5	-5	0	-10	0	0	-5
30-34	0.998687	0.999520	0.6492	0	0	3	-3	-10	-3	-3
35-39	0.998757	0.999240	0.2433	-5	-5	2	1	-1	-4	-1
40-44	0.998077	0.998940	0.0511	-10	-5	1	0	0	-1	-1
45-49	0.997526	0.998567	0.0018	0	-5	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		-10	-10					
60-64	0.990746	0.994351		5	5					
65-69	0.986250	0.990957		5	0					
70+	0.948021	0.954656		-9	-4					
TOTAL				-45	-45	8	-5	-5	-4	-8
TOTAL				-89						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **GLENWOOD**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	10	4	4	1	1	4	4	6	6	6	5
5-9	15	10	0	8	-2	1	-5	-2	-2	1	1	4
10-14	20	15	18	13	2	10	1	4	-2	1	1	4
15-19	5	15	25	15	23	13	7	10	6	4	3	1
20-24	5	0	-5	12	15	12	13	10	-3	8	-4	1
25-29	5	0	0	-5	-10	7	10	7	7	5	-8	3
30-34	5	5	7	-5	3	-10	-7	2	12	2	10	0
35-39	5	10	7	5	10	-5	5	-10	-5	2	15	2
40-44	10	10	8	10	10	5	12	-5	8	-10	-2	3
45-49	5	5	2	10	0	10	3	5	5	-5	0	-10
50-54	5	5	5	3	3	7	0	7	3	3	5	-7
55-59	0	0	5	5	5	3	3	7	0	7	3	3
60-64	5	15	-5	-5	0	0	0	-2	-2	2	-5	2
65-69	15	10	7	17	-2	-2	3	3	3	0	0	5
70+	25	30	37	42	42	61	36	60	35	63	35	64
TOTAL	130	140	116	128	98	113	83	101	71	90	58	79
TOTAL	272		244		211		184		162		137	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-5	-2					
5-9	0.999919	0.999931		3	3					
10-14	0.999828	0.999880		5	0					
15-19	0.999457	0.999689	0.1017	-10	-2	2	2	1	1	0
20-24	0.999036	0.999418	0.5237	-5	-5	0	7	7	5	4
25-29	0.998868	0.999579	0.9853	3	-5	0	-5	7	7	5
30-34	0.998687	0.999520	0.6492	3	0	3	-3	-6	2	2
35-39	0.998757	0.999240	0.2433	3	0	2	1	-1	-2	1
40-44	0.998077	0.998940	0.0511	-7	0	1	1	0	0	-1
45-49	0.997526	0.998567	0.0018	0	-2	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		-5	-5					
60-64	0.990746	0.994351		3	3					
65-69	0.986250	0.990957		3	3					
70+	0.948021	0.954656		-4	1					
TOTAL				-16	-14	8	2	8	13	11
TOTAL				-30						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **GLENWOOD**

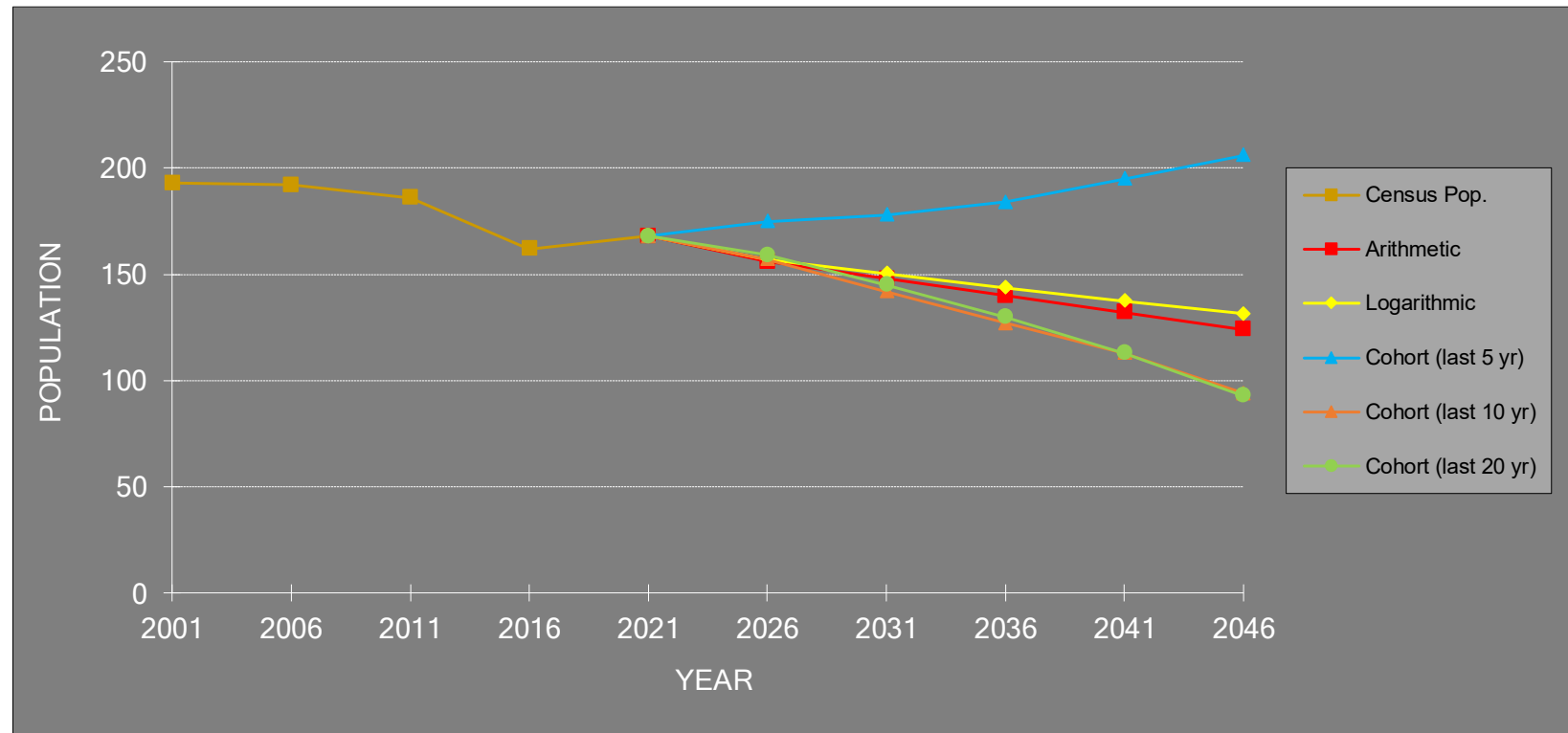
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	10	4	4	3	3	7	7	11	10	12	11
5-9	15	10	6	11	5	5	4	4	8	8	11	11
10-14	20	15	16	14	7	15	6	9	5	8	9	12
15-19	5	15	24	15	20	14	11	15	10	9	9	8
20-24	5	0	-3	12	16	12	13	11	3	12	2	6
25-29	5	0	0	-4	-7	9	11	9	7	8	-2	9
30-34	5	5	6	0	1	-4	-6	9	12	9	9	8
35-39	5	10	5	6	6	1	1	-2	-6	10	12	10
40-44	10	10	11	9	11	5	12	0	8	-4	0	9
45-49	5	5	5	11	6	10	6	6	7	1	3	-2
50-54	5	5	5	6	5	12	6	11	6	7	7	3
55-59	0	0	4	6	4	7	4	14	5	12	5	9
60-64	5	15	-1	-2	3	4	3	5	2	11	4	10
65-69	15	10	6	15	0	-2	4	4	4	5	4	11
70+	25	30	34	36	33	46	26	39	24	39	21	39
TOTAL	130	140	122	140	113	138	108	141	107	146	107	153
TOTAL	272		262		251		249		253		260	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	1					
5-9	0.999919	0.999931		1	4					
10-14	0.999828	0.999880		4	0					
15-19	0.999457	0.999689	0.1017	-7	-2	2	2	1	2	1
20-24	0.999036	0.999418	0.5237	-5	-4	0	7	7	6	6
25-29	0.998868	0.999579	0.9853	1	0	0	-4	9	9	7
30-34	0.998687	0.999520	0.6492	0	1	3	0	-2	6	6
35-39	0.998757	0.999240	0.2433	6	-1	2	2	0	-1	2
40-44	0.998077	0.998940	0.0511	-5	1	1	0	0	0	0
45-49	0.997526	0.998567	0.0018	0	1	0	0	0	0	0
50-54	0.996162	0.997438		-1	1					
55-59	0.994412	0.996295		-1	-2					
60-64	0.990746	0.994351		1	0					
65-69	0.986250	0.990957		-1	1					
70+	0.948021	0.954656		-4	-4					
TOTAL				-10	-3	8	6	15	21	23
TOTAL				-13						

* Migration Period: 20-year average (2001 – 2021)

HILL SPRING

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	193					
2006	192					
2011	186					
2016	162					
2021	168	168	168	168	168	168
2026		156	157	175	157	159
2031		148	150	178	142	145
2036		140	144	184	127	130
2041		132	137	195	113	113
2046		124	131	206	94	93



Municipality: **HILL SPRING**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	0	3	3	2	2	4	4	6	6	7	6
5-9	5	5	17	-3	10	0	9	-1	11	1	14	3
10-14	0	5	5	5	17	-3	10	0	9	-1	11	1
15-19	0	5	-5	10	0	10	12	2	5	5	4	4
20-24	0	0	-5	5	-10	10	-5	10	7	2	0	5
25-29	5	5	-5	-5	-10	0	-15	5	-10	5	2	-3
30-34	5	0	5	10	-5	0	-10	5	-15	10	-10	10
35-39	5	0	10	-5	10	5	0	-5	-5	0	-10	5
40-44	5	5	10	0	15	-5	15	5	5	-5	0	0
45-49	5	5	5	10	10	5	15	0	15	10	5	0
50-54	5	5	10	5	10	10	15	5	20	0	20	10
55-59	0	5	5	5	10	5	10	10	15	5	20	0
60-64	15	10	0	5	5	5	10	5	10	10	15	5
65-69	15	10	25	10	10	5	15	5	20	5	20	10
70+	20	15	40	1	68	-13	80	-31	97	-48	117	-64
TOTAL	85	85	120	56	142	36	165	19	190	5	214	-8
TOTAL	168		175		178		184		195		206	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		7	-3					
5-9	0.999919	0.999931		0	0					
10-14	0.999828	0.999880		-5	5					
15-19	0.999457	0.999689	0.1017	-5	0	1	1	1	0	1
20-24	0.999036	0.999418	0.5237	-5	-5	0	3	5	5	1
25-29	0.998868	0.999579	0.9853	0	5	5	-5	0	5	5
30-34	0.998687	0.999520	0.6492	5	-5	0	6	0	3	6
35-39	0.998757	0.999240	0.2433	5	0	0	-1	1	-1	0
40-44	0.998077	0.998940	0.0511	0	5	0	0	0	0	0
45-49	0.997526	0.998567	0.0018	5	0	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		10	0					
65-69	0.986250	0.990957		5	0					
70+	0.948021	0.954656		1	-24					
TOTAL				23	-21	6	4	7	13	13
TOTAL				2						

* Migration Period: 5-year average (2016 – 2021)

Municipality: HILL SPRING

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	0	3	3	2	2	3	2	3	3	0	0
5-9	5	5	13	-1	6	1	5	0	6	1	6	1
10-14	0	5	8	0	16	-6	9	-4	8	-5	8	-4
15-19	0	5	-2	7	5	3	13	-4	6	-1	5	-2
20-24	0	0	-5	5	-7	7	0	3	8	-4	1	-1
25-29	5	5	0	-5	-5	0	-7	2	0	-2	8	-9
30-34	5	0	2	10	-2	0	-7	5	-10	7	-2	3
35-39	5	0	5	-5	2	5	-2	-5	-7	0	-10	2
40-44	5	5	7	-2	7	-7	5	2	0	-7	-5	-3
45-49	5	5	5	7	7	0	7	-5	5	5	0	-5
50-54	5	5	7	3	7	5	10	-2	10	-7	7	2
55-59	0	5	2	7	5	5	5	7	7	0	7	-5
60-64	15	10	-2	5	0	7	2	5	2	7	5	0
65-69	15	10	20	10	3	5	5	7	7	5	7	7
70+	20	15	32	18	48	20	47	18	48	18	51	16
TOTAL	85	85	96	62	95	47	94	33	94	20	90	3
TOTAL	168		157		142		127		113		94	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		3	-1					
5-9	0.999919	0.999931		3	-5					
10-14	0.999828	0.999880		-2	3					
15-19	0.999457	0.999689	0.1017	-5	0	1	1	0	0	0
20-24	0.999036	0.999418	0.5237	0	-5	0	3	4	1	-2
25-29	0.998868	0.999579	0.9853	-2	5	5	-5	0	2	-2
30-34	0.998687	0.999520	0.6492	0	-5	0	6	0	3	5
35-39	0.998757	0.999240	0.2433	3	-2	0	-1	1	-1	0
40-44	0.998077	0.998940	0.0511	0	3	0	0	0	0	0
45-49	0.997526	0.998567	0.0018	3	-2	0	0	0	0	0
50-54	0.996162	0.997438		-2	3					
55-59	0.994412	0.996295		-2	0					
60-64	0.990746	0.994351		5	0					
65-69	0.986250	0.990957		0	3					
70+	0.948021	0.954656		-2	-9					
TOTAL				-1	-15	6	4	5	6	0
TOTAL				-16						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **HILL SPRING**

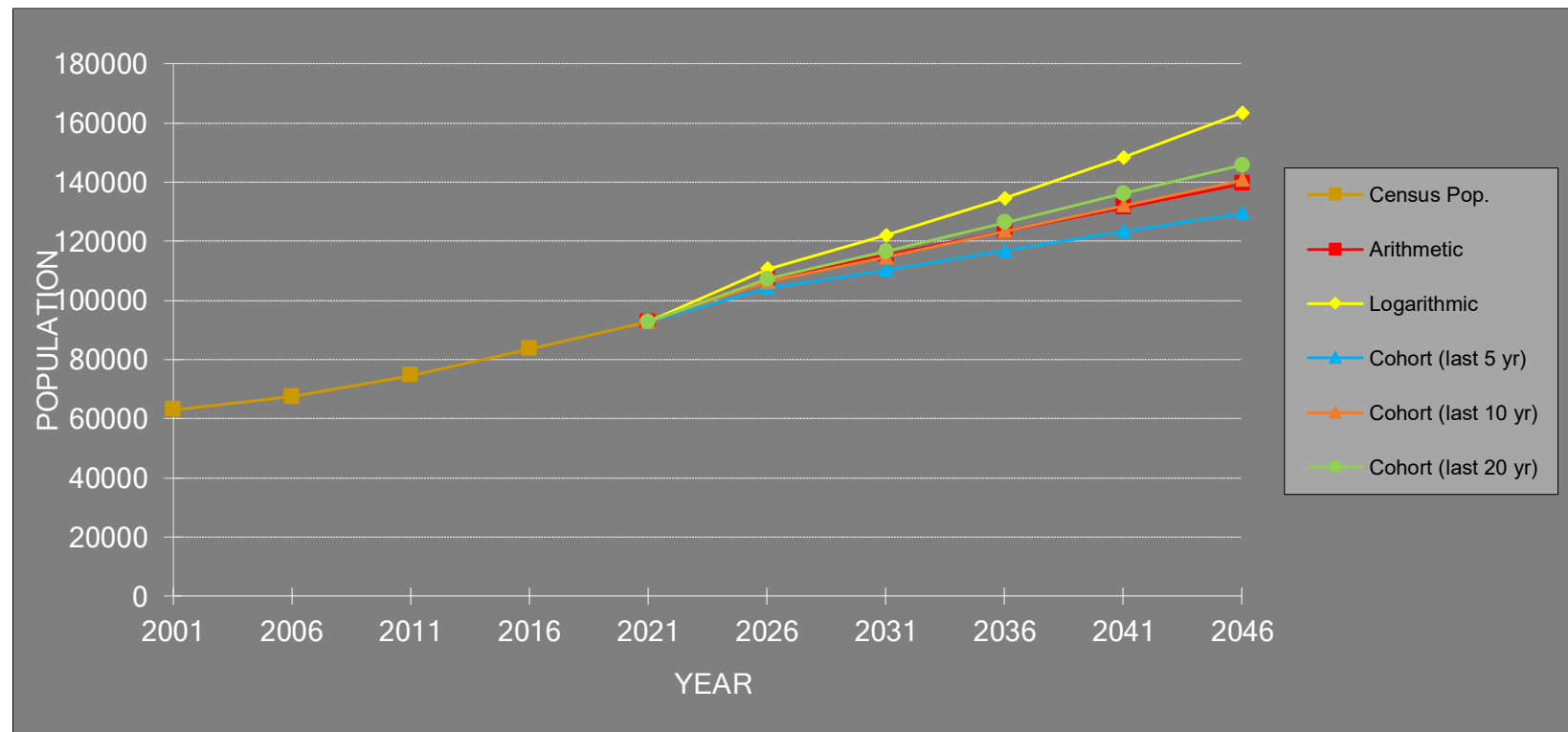
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	0	3	3	2	1	1	1	1	1	-1	-1
5-9	5	5	11	2	4	4	3	3	3	3	2	2
10-14	0	5	5	3	11	-1	4	2	3	1	3	0
15-19	0	5	0	5	5	3	11	-1	4	2	3	1
20-24	0	0	-7	4	-7	4	-2	1	4	-2	-3	1
25-29	5	5	-2	-4	-10	0	-10	0	-5	-2	1	-6
30-34	5	0	4	7	-4	-1	-11	3	-11	2	-6	0
35-39	5	0	6	-2	5	5	-2	-4	-10	0	-10	0
40-44	5	5	6	0	7	-2	6	5	-1	-4	-9	0
45-49	5	5	5	5	6	0	7	-2	6	5	-1	-4
50-54	5	5	5	4	5	4	6	-1	7	-4	6	4
55-59	0	5	5	5	5	4	5	4	6	-1	7	-4
60-64	15	10	0	6	5	6	5	5	5	5	6	0
65-69	15	10	19	12	4	9	9	9	9	8	9	7
70+	20	15	31	20	44	27	43	30	46	33	49	35
TOTAL	85	85	90	69	83	62	75	54	67	46	57	36
TOTAL	168		159		145		130		113		93	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	2					
5-9	0.999919	0.999931		0	-2					
10-14	0.999828	0.999880		0	0					
15-19	0.999457	0.999689	0.1017	-7	-1	1	1	0	0	0
20-24	0.999036	0.999418	0.5237	-2	-4	0	2	2	1	-1
25-29	0.998868	0.999579	0.9853	-1	3	5	-4	0	0	-2
30-34	0.998687	0.999520	0.6492	1	-2	0	5	-1	2	2
35-39	0.998757	0.999240	0.2433	1	0	0	-1	1	-1	0
40-44	0.998077	0.998940	0.0511	0	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0018	0	-1	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		0	1					
60-64	0.990746	0.994351		4	3					
65-69	0.986250	0.990957		0	1					
70+	0.948021	0.954656		-3	-6					
TOTAL				-7	-8	6	3	2	2	-2
TOTAL				-14						

* Migration Period: 20-year average (2001 – 2021)

LETHBRIDGE

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	63053					
2006	67374					
2011	74637					
2016	83517					
2021	92729	92729	92729	92729	92729	92729
2026		107379	110583	104106	106197	107190
2031		115395	121904	110237	114496	116464
2036		123411	134385	116770	123261	126205
2041		131426	148144	123270	132080	135992
2046		139442	163311	129397	140685	145568



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **LETHBRIDGE**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	2670	2615	3653	3510	3942	3788	4220	4055	4268	4101	4133	3972
5-9	2930	2870	1751	1782	2733	2676	3022	2954	3299	3220	3348	3267
10-14	3145	2835	3033	2953	1855	1865	2836	2759	3125	3036	3402	3303
15-19	2815	2815	3350	2980	3238	3098	2060	2010	3041	2904	3330	3181
20-24	3810	3910	3134	3254	3668	3419	3557	3537	2379	2449	3360	3343
25-29	3755	3490	4983	5139	4307	4483	4841	4648	4730	4766	3553	3679
30-34	3575	3560	3674	3116	4901	4764	4226	4109	4759	4273	4648	4391
35-39	3460	3425	3340	3370	3439	2926	4664	4573	3990	3918	4522	4083
40-44	3070	3125	3375	3499	3255	3444	3354	3000	4578	4646	3905	3992
45-49	2830	2795	3158	3294	3463	3668	3343	3613	3442	3169	4662	4813
50-54	2550	2670	2968	2869	3295	3367	3599	3740	3479	3685	3578	3243
55-59	2870	2935	2517	2737	2933	2935	3259	3432	3562	3804	3442	3750
60-64	2895	3180	2905	2927	2553	2729	2968	2927	3292	3422	3593	3793
65-69	2600	2905	2855	3164	2864	2912	2516	2716	2927	2912	3247	3404
70+	5365	6940	6568	8250	7960	9757	9290	10946	10206	11886	11480	12979
TOTAL	48335	50070	51264	52842	54407	55830	57753	59017	61076	62194	64205	65192
TOTAL	98406		104106		110237		116770		123270		129397	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES	2031 BABIES	2036 BABIES	2041 BABIES	2046 BABIES
	Male	Female		Male	Female	M & F	M & F	M & F	M & F	M & F
0-4	0.998810	0.998966		-915	-830					
5-9	0.999919	0.999931		103	83					
10-14	0.999828	0.999880		205	145					
15-19	0.999457	0.999689	0.0620	320	440	175	185	192	125	180
20-24	0.999036	0.999418	0.3697	1176	1231	1446	1203	1264	1308	906
25-29	0.998868	0.999579	0.6488	-76	-373	2264	3334	2909	3016	3092
30-34	0.998687	0.999520	0.6206	-231	-188	2209	1934	2956	2550	2652
35-39	0.998757	0.999240	0.2673	-80	77	916	901	782	1222	1047
40-44	0.998077	0.998940	0.0489	94	172	153	171	168	147	227
45-49	0.997526	0.998567	0.0033	145	78	9	11	12	12	10
50-54	0.996162	0.997438		-24	74					
55-59	0.994412	0.996295		51	3					
60-64	0.990746	0.994351		-14	2					
65-69	0.986250	0.990957		-21	-3					
70+	0.948021	0.954656		-1061	-1251					
TOTAL				-327	-342	7171	7738	8284	8379	8115
TOTAL				-668						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **LETHBRIDGE**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	2670	2615	3653	3510	3991	3835	4312	4143	4417	4244	4376	4205
5-9	2930	2870	2011	2042	2993	2936	3330	3260	3651	3569	3755	3669
10-14	3145	2835	3101	3018	2182	2190	3163	3084	3501	3408	3821	3716
15-19	2815	2815	3410	3032	3365	3215	2446	2387	3428	3281	3765	3605
20-24	3810	3910	3191	3302	3786	3519	3741	3702	2823	2874	3804	3768
25-29	3755	3490	5008	5154	4390	4546	4983	4763	4939	4945	4022	4118
30-34	3575	3560	3772	3178	5023	4841	4406	4234	4999	4451	4955	4633
35-39	3460	3425	3442	3460	3639	3078	4888	4740	4272	4133	4864	4350
40-44	3070	3125	3477	3549	3459	3584	3656	3202	4904	4863	4288	4256
45-49	2830	2795	3215	3336	3622	3760	3604	3794	3800	3414	5045	5073
50-54	2550	2670	3023	2904	3407	3444	3812	3867	3795	3902	3990	3521
55-59	2870	2935	2567	2742	3038	2975	3420	3514	3824	3936	3807	3971
60-64	2895	3180	2902	2974	2601	2782	3069	3014	3450	3552	3852	3972
65-69	2600	2905	2876	3196	2884	2991	2585	2800	3049	3031	3426	3565
70+	5365	6940	6743	8410	8322	10101	9826	11513	10957	12671	12487	14006
TOTAL	48335	50070	52391	53806	56699	57797	61243	62018	65807	66273	70256	70428
TOTAL	98406		106197		114496		123261		132080		140685	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-656	-570					
5-9	0.999919	0.999931		171	148					
10-14	0.999828	0.999880		265	198					
15-19	0.999457	0.999689	0.0620	378	488	175	188	199	148	203
20-24	0.999036	0.999418	0.3697	1201	1246	1446	1221	1301	1368	1062
25-29	0.998868	0.999579	0.6488	21	-310	2264	3344	2949	3090	3208
30-34	0.998687	0.999520	0.6206	-128	-99	2209	1972	3004	2627	2762
35-39	0.998757	0.999240	0.2673	22	126	916	925	823	1267	1105
40-44	0.998077	0.998940	0.0489	151	215	153	174	175	157	238
45-49	0.997526	0.998567	0.0033	200	113	9	11	12	13	11
50-54	0.996162	0.997438		27	79					
55-59	0.994412	0.996295		48	50					
60-64	0.990746	0.994351		8	34					
65-69	0.986250	0.990957		2	23					
70+	0.948021	0.954656		-910	-1117					
TOTAL				800	622	7171	7834	8465	8670	8590
TOTAL				1422						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **LETHBRIDGE**

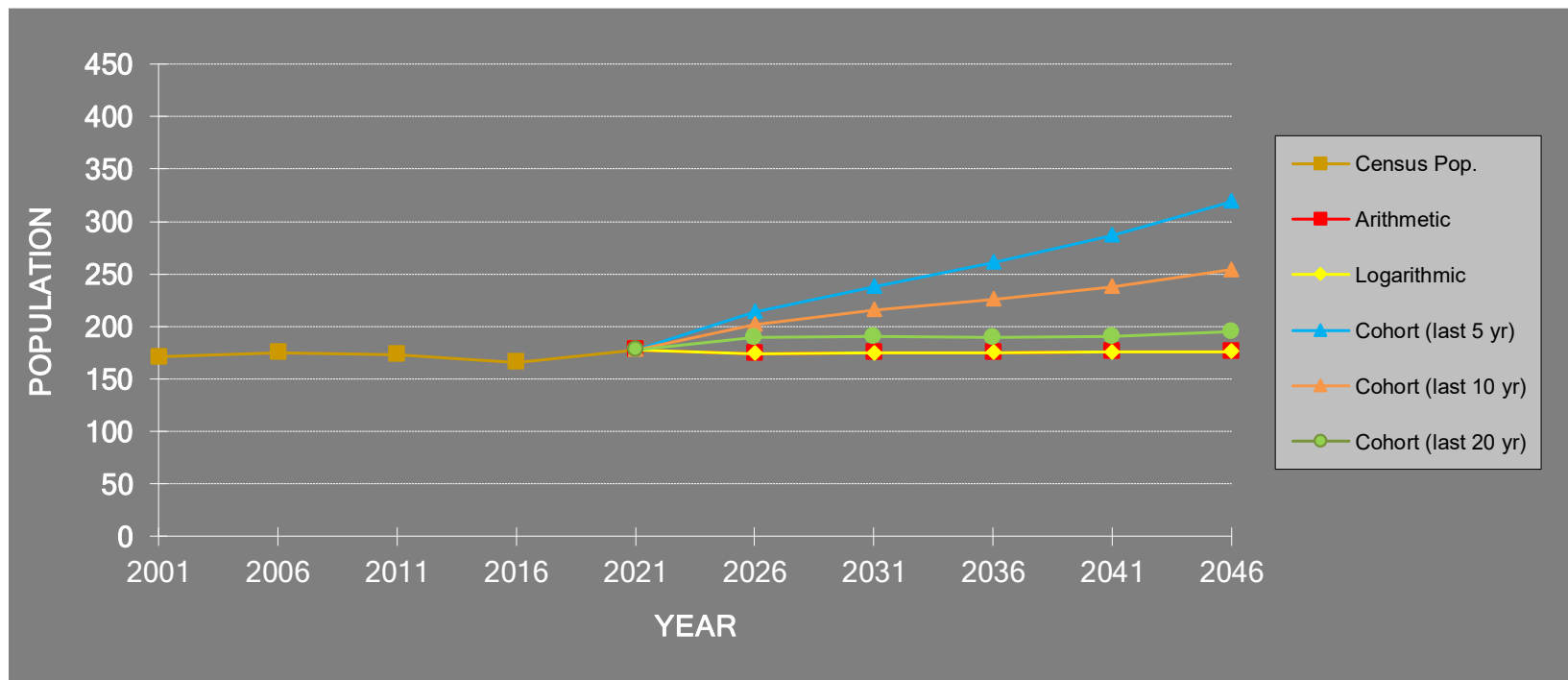
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	2670	2615	3653	3510	3991	3835	4326	4157	4439	4266	4414	4242
5-9	2930	2870	2230	2198	3212	3093	3550	3418	3883	3739	3997	3848
10-14	3145	2835	3039	2963	2339	2292	3320	3186	3658	3511	3992	3832
15-19	2815	2815	3348	3022	3242	3151	2542	2479	3524	3374	3862	3698
20-24	3810	3910	3226	3347	3759	3554	3653	3683	2954	3011	3935	3905
25-29	3755	3490	4933	5195	4350	4632	4882	4839	4776	4967	4077	4297
30-34	3575	3560	3715	3086	4892	4790	4309	4227	4841	4434	4736	4563
35-39	3460	3425	3478	3516	3618	3042	4793	4745	4211	4183	4742	4390
40-44	3070	3125	3540	3570	3558	3661	3698	3187	4872	4889	4291	4327
45-49	2830	2795	3223	3345	3693	3789	3711	3880	3850	3407	5022	5107
50-54	2550	2670	3037	2975	3429	3524	3897	3968	3915	4058	4054	3586
55-59	2870	2935	2630	2786	3115	3090	3506	3638	3973	4080	3990	4171
60-64	2895	3180	2921	3006	2683	2858	3165	3161	3554	3706	4018	4147
65-69	2600	2905	2914	3260	2940	3087	2704	2939	3181	3241	3566	3783
70+	5365	6940	6910	8613	8683	10562	10390	12252	11776	13718	13560	15417
TOTAL	48335	50070	52798	54393	57504	58960	62447	63758	67408	68584	72256	73312
TOTAL	98406		107190		116464		126205		135992		145568	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-437	-414					
5-9	0.999919	0.999931		109	94					
10-14	0.999828	0.999880		204	188					
15-19	0.999457	0.999689	0.0620	413	533	175	187	195	154	209
20-24	0.999036	0.999418	0.3697	1126	1287	1446	1237	1314	1361	1113
25-29	0.998868	0.999579	0.6488	-35	-403	2264	3370	3005	3140	3223
30-34	0.998687	0.999520	0.6206	-93	-42	2209	1915	2973	2623	2752
35-39	0.998757	0.999240	0.2673	85	148	916	940	813	1268	1118
40-44	0.998077	0.998940	0.0489	159	223	153	175	179	156	239
45-49	0.997526	0.998567	0.0033	214	184	9	11	13	13	11
50-54	0.996162	0.997438		90	123					
55-59	0.994412	0.996295		67	82					
60-64	0.990746	0.994351		45	98					
65-69	0.986250	0.990957		35	56					
70+	0.948021	0.954656		-776	-947					
TOTAL				1207	1209	7171	7835	8492	8715	8666
TOTAL				2416						

* Migration Period: 20-year average (2001 – 2021)

LOMOND

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	171					
2006	175					
2011	173					
2016	166					
2021	178	178	178	178	178	178
2026		174	174	214	202	190
2031		175	174	238	216	191
2036		175	175	261	226	190
2041		176	175	287	238	191
2046		176	176	319	254	195



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **LOMOND**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	15	10	4	4	2	2	2	2	4	3	7	7
5-9	5	5	25	15	15	10	13	8	12	7	14	9
10-14	10	5	5	5	25	15	15	10	13	8	12	7
15-19	0	0	15	5	10	5	30	15	20	10	18	8
20-24	5	0	-5	0	10	5	5	5	25	15	15	10
25-29	0	5	5	0	-5	0	10	5	5	5	25	15
30-34	5	5	-5	5	0	0	-10	0	5	5	0	5
35-39	10	5	5	5	-5	5	0	0	-10	0	5	5
40-44	10	5	15	5	10	5	0	5	5	0	-5	0
45-49	5	5	15	10	20	10	15	10	5	10	10	5
50-54	5	0	0	5	10	10	15	10	10	10	0	10
55-59	0	10	5	-5	0	0	10	5	15	5	10	5
60-64	5	5	0	15	5	0	0	5	10	10	15	10
65-69	10	10	5	10	0	20	5	5	0	10	10	15
70+	20	10	30	15	34	20	33	34	37	33	36	37
TOTAL	100	80	119	95	131	107	142	119	155	132	171	148
TOTAL	178		214		238		261		287		319	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		10	5					
5-9	0.999919	0.999931		0	0					
10-14	0.999828	0.999880		5	0					
15-19	0.999457	0.999689	0.0612	-5	0	0	0	0	1	1
20-24	0.999036	0.999418	0.3801	0	0	0	0	2	2	6
25-29	0.998868	0.999579	0.8009	-5	0	4	0	0	4	4
30-34	0.998687	0.999520	0.6208	0	0	3	3	0	0	3
35-39	0.998757	0.999240	0.2312	5	0	1	1	1	0	0
40-44	0.998077	0.998940	0.0394	5	5	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-5	0	0	0	0	0	0
50-54	0.996162	0.997438		0	-5					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		0	5					
65-69	0.986250	0.990957		5	5					
70+	0.948021	0.954656		-4	-9					
TOTAL				11	11	8	5	4	7	14
TOTAL				22						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **LOMOND**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	15	10	4	4	3	2	2	1	2	2	4	4
5-9	5	5	21	14	10	8	9	6	8	5	8	6
10-14	10	5	8	5	23	14	13	8	11	6	10	5
15-19	0	0	12	2	10	3	26	11	15	5	14	4
20-24	5	0	-2	0	10	2	7	3	23	11	13	5
25-29	0	5	5	0	-2	0	10	2	7	3	23	11
30-34	5	5	-2	5	2	0	-5	0	7	3	5	3
35-39	10	5	5	7	-2	7	2	3	-5	3	7	5
40-44	10	5	10	2	5	5	-2	5	3	0	-5	0
45-49	5	5	15	7	15	5	10	7	3	7	8	3
50-54	5	0	5	5	15	7	15	5	10	7	3	7
55-59	0	10	2	-5	2	0	12	2	12	0	7	2
60-64	5	5	0	10	2	-5	2	0	12	2	12	0
65-69	10	10	2	7	-2	12	0	-2	0	3	10	5
70+	20	10	32	20	36	27	35	39	36	35	38	36
TOTAL	100	80	117	85	127	88	136	90	146	92	157	97
TOTAL	178		202		216		226		238		254	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		6	4					
5-9	0.999919	0.999931		3	0					
10-14	0.999828	0.999880		3	-2					
15-19	0.999457	0.999689	0.0612	-2	0	0	0	0	1	0
20-24	0.999036	0.999418	0.3801	0	0	0	0	1	1	4
25-29	0.998868	0.999579	0.8009	-2	0	4	0	0	2	2
30-34	0.998687	0.999520	0.6208	0	3	3	3	0	0	2
35-39	0.998757	0.999240	0.2312	0	-2	1	2	2	1	1
40-44	0.998077	0.998940	0.0394	5	3	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	0	0	0	0	0	0	0
50-54	0.996162	0.997438		-2	-5					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		-2	3					
65-69	0.986250	0.990957		5	5					
70+	0.948021	0.954656		-2	-5					
TOTAL				9	2	8	5	3	4	9
TOTAL				11						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: LOMOND

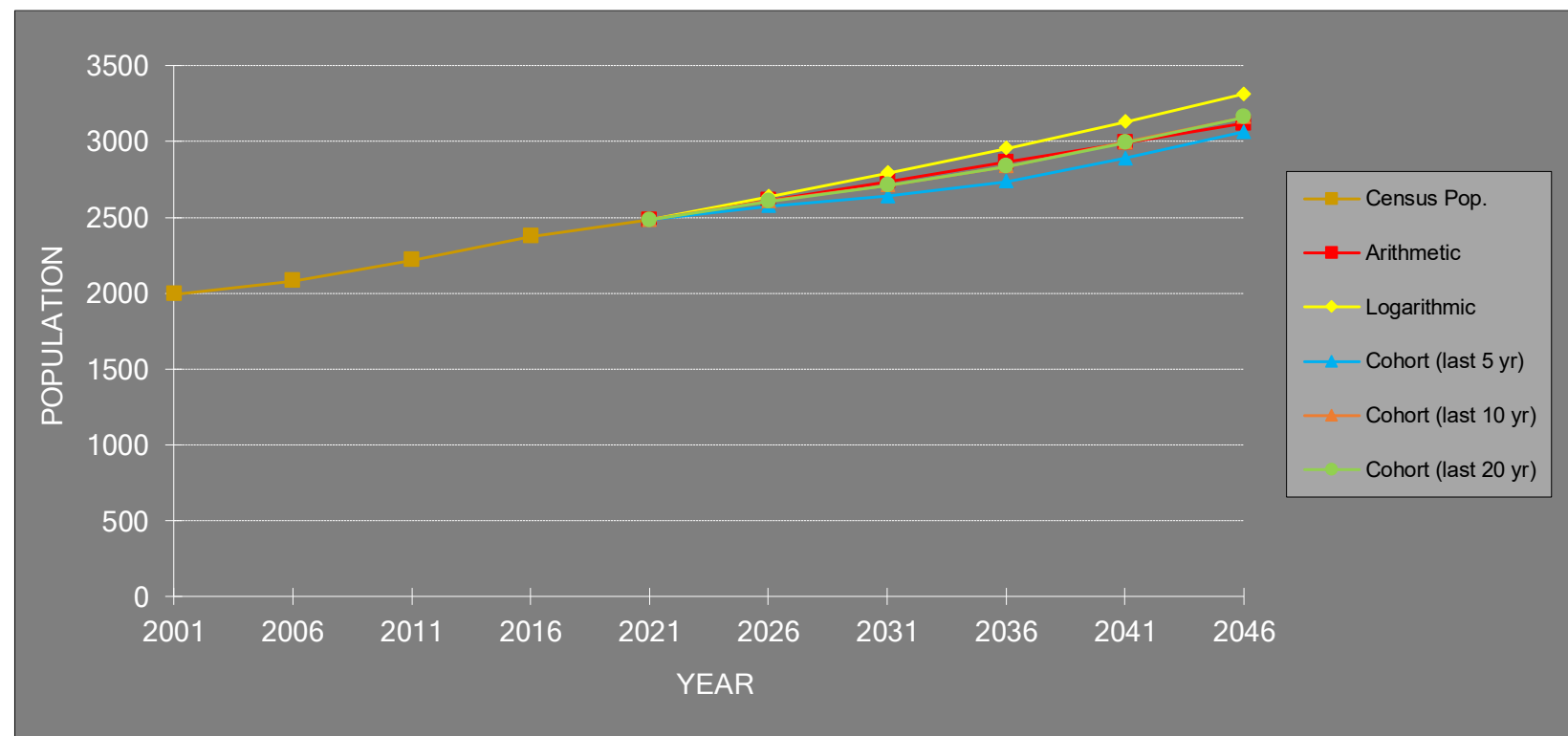
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	15	10	4	4	3	3	2	2	3	3	5	4
5-9	5	5	18	11	8	5	6	4	5	3	6	4
10-14	10	5	4	6	17	12	6	6	5	5	4	4
15-19	0	0	10	1	4	3	17	9	6	3	5	1
20-24	5	0	-2	1	7	2	1	4	15	10	4	4
25-29	0	5	5	0	-2	1	7	2	1	4	15	10
30-34	5	5	-1	5	4	0	-4	1	6	2	0	4
35-39	10	5	7	6	1	6	6	1	-1	3	9	4
40-44	10	5	10	2	7	4	1	4	6	-1	-1	0
45-49	5	5	10	6	10	4	7	5	1	5	6	0
50-54	5	0	5	6	10	7	10	5	7	6	1	6
55-59	0	10	4	-2	4	4	9	5	9	2	6	4
60-64	5	5	1	10	5	-2	5	4	10	5	10	2
65-69	10	10	6	6	3	11	6	-1	6	5	11	6
70+	20	10	28	16	32	19	33	26	37	20	40	21
TOTAL	100	80	110	80	112	79	114	76	116	74	121	74
TOTAL	178		190		191		190		191		195	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		3	1					
5-9	0.999919	0.999931		-1	1					
10-14	0.999828	0.999880		0	-4					
15-19	0.999457	0.999689	0.0612	-2	1	0	0	0	1	0
20-24	0.999036	0.999418	0.3801	0	0	0	0	1	1	4
25-29	0.998868	0.999579	0.8009	-1	0	4	0	1	2	3
30-34	0.998687	0.999520	0.6208	3	1	3	3	0	1	2
35-39	0.998757	0.999240	0.2312	0	-2	1	1	1	0	1
40-44	0.998077	0.998940	0.0394	0	1	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	0	1	0	0	0	0	0
50-54	0.996162	0.997438		-1	-2					
55-59	0.994412	0.996295		1	0					
60-64	0.990746	0.994351		1	1					
65-69	0.986250	0.990957		1	1					
70+	0.948021	0.954656		-2	-4					
TOTAL				2	-3	8	5	4	5	9
TOTAL				-2						

* Migration Period: 20-year average (2001 – 2021)

MAGRATH

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	1993					
2006	2081					
2011	2217					
2016	2374					
2021	2481	2481	2481	2481	2481	2481
2026		2610	2636	2573	2607	2605
2031		2737	2791	2639	2709	2709
2036		2864	2954	2737	2834	2834
2041		2991	3128	2888	2993	2992
2046		3118	3311	3063	3158	3159



Municipality: **MAGRATH**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	90	80	81	78	66	64	83	80	110	106	123	118
5-9	105	95	101	84	92	82	77	68	94	84	121	110
10-14	145	120	115	115	111	104	102	102	87	88	104	104
15-19	105	105	170	145	140	140	136	129	127	127	112	113
20-24	60	60	90	105	155	145	125	140	121	129	112	127
25-29	50	45	20	10	50	55	115	95	85	90	81	79
30-34	70	80	40	35	10	0	40	45	105	85	75	80
35-39	80	70	90	95	60	50	30	15	60	60	125	100
40-44	70	80	95	95	105	120	75	75	45	40	75	85
45-49	65	75	70	85	95	100	105	125	75	80	45	45
50-54	45	60	70	80	75	90	100	105	110	130	80	85
55-59	60	55	45	55	70	75	75	85	99	100	109	125
60-64	60	65	45	45	30	45	55	65	60	75	84	89
65-69	65	75	65	65	50	45	35	45	59	65	64	74
70+	160	180	184	200	207	209	214	198	206	187	222	196
TOTAL	1235	1245	1281	1292	1316	1323	1366	1370	1444	1444	1533	1530
TOTAL	2481		2573		2639		2737		2888		3063	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		11	4					
5-9	0.999919	0.999931		10	20					
10-14	0.999828	0.999880		25	25					
15-19	0.999457	0.999689	0.1017	-15	0	11	15	14	13	13
20-24	0.999036	0.999418	0.5237	-40	-50	31	55	76	73	68
25-29	0.998868	0.999579	0.9853	-10	-10	44	10	54	94	89
30-34	0.998687	0.999520	0.6492	20	15	52	23	0	29	55
35-39	0.998757	0.999240	0.2433	15	25	17	23	12	4	15
40-44	0.998077	0.998940	0.0511	0	5	4	5	6	4	2
45-49	0.997526	0.998567	0.0018	5	5	0	0	0	0	0
50-54	0.996162	0.997438		0	-5					
55-59	0.994412	0.996295		-15	-10					
60-64	0.990746	0.994351		5	0					
65-69	0.986250	0.990957		-9	-5					
70+	0.948021	0.954656		-22	-42					
TOTAL				-19	-21	160	130	163	217	241
TOTAL				-41						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **MAGRATH**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	90	80	81	78	67	65	81	78	99	95	103	99
5-9	105	95	104	82	95	80	81	66	94	79	113	97
10-14	145	120	118	110	116	97	108	95	94	82	107	95
15-19	105	105	170	127	143	118	141	104	133	103	119	89
20-24	60	60	97	107	162	130	135	120	134	107	125	105
25-29	50	45	27	10	65	57	130	80	102	70	101	57
30-34	70	80	45	43	23	8	60	55	125	77	97	68
35-39	80	70	85	85	60	48	38	13	75	60	140	82
40-44	70	80	90	87	95	102	70	65	48	30	85	77
45-49	65	75	75	82	95	90	100	105	75	67	53	33
50-54	45	60	67	82	77	90	97	97	102	112	77	75
55-59	60	55	50	55	72	77	82	85	102	92	107	107
60-64	60	65	55	55	45	55	67	77	77	85	97	92
65-69	65	75	65	72	60	62	50	62	72	85	82	92
70+	160	180	194	207	225	230	250	242	264	254	299	287
TOTAL	1235	1245	1323	1284	1400	1309	1489	1345	1595	1398	1704	1454
TOTAL	2481		2607		2709		2834		2993		3158	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		14	2					
5-9	0.999919	0.999931		13	15					
10-14	0.999828	0.999880		25	8					
15-19	0.999457	0.999689	0.1017	-7	3	11	13	12	11	10
20-24	0.999036	0.999418	0.5237	-32	-50	31	56	68	63	56
25-29	0.998868	0.999579	0.9853	-5	-2	44	10	57	79	69
30-34	0.998687	0.999520	0.6492	15	5	52	28	5	36	50
35-39	0.998757	0.999240	0.2433	10	18	17	21	12	3	15
40-44	0.998077	0.998940	0.0511	5	3	4	4	5	3	2
45-49	0.997526	0.998567	0.0018	3	8	0	0	0	0	0
50-54	0.996162	0.997438		5	-5					
55-59	0.994412	0.996295		-5	0					
60-64	0.990746	0.994351		5	8					
65-69	0.986250	0.990957		-7	-2					
70+	0.948021	0.954656		-15	-37					
TOTAL				23	-29	160	132	158	194	202
TOTAL				-6						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **MAGRATH**

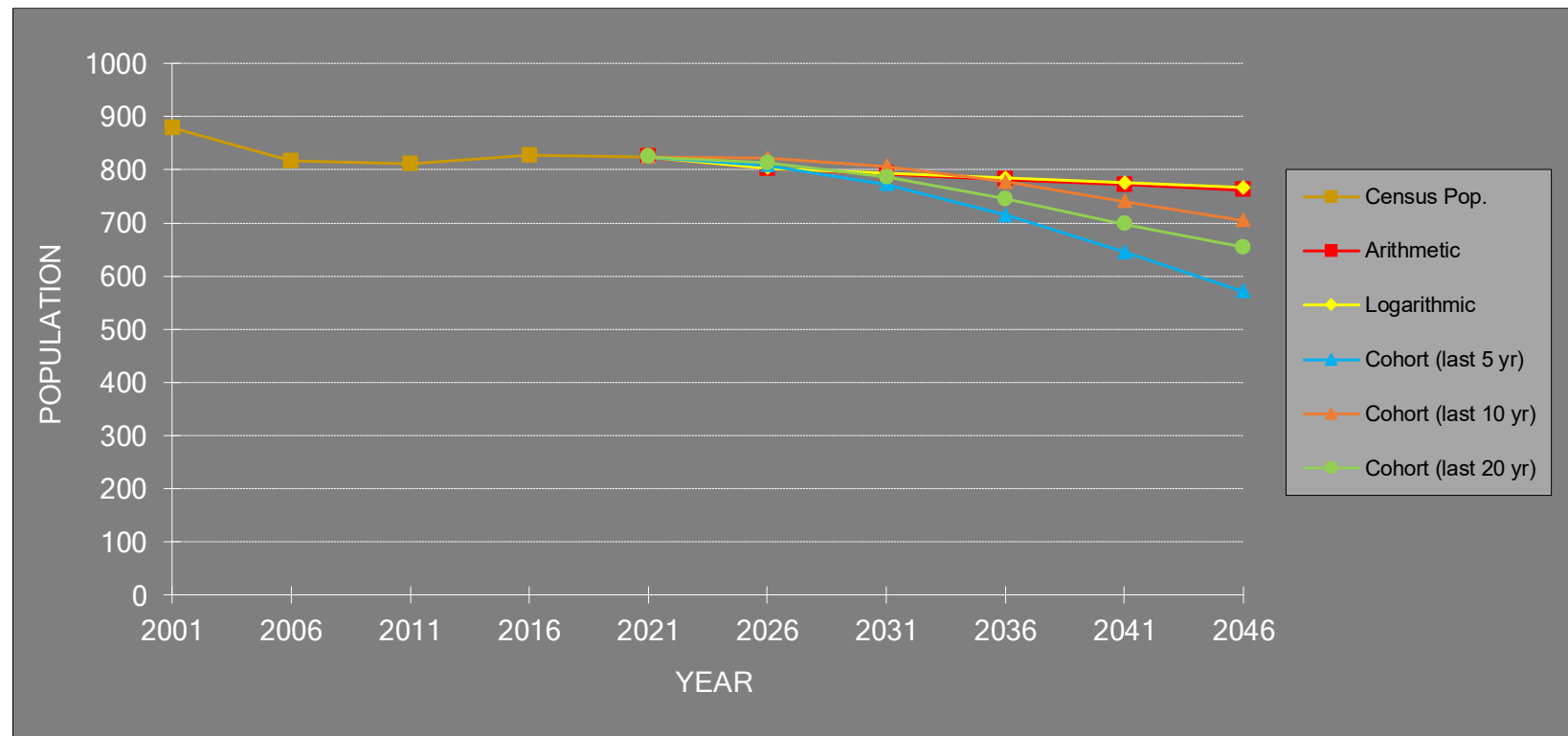
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	90	80	81	78	70	67	82	79	100	96	106	102
5-9	105	95	110	96	101	95	89	83	102	95	119	112
10-14	145	120	121	108	126	109	117	107	106	96	118	108
15-19	105	105	161	129	138	116	142	118	134	116	122	105
20-24	60	60	95	100	151	124	128	111	132	113	124	111
25-29	50	45	22	17	57	57	114	81	90	69	95	70
30-34	70	80	41	43	14	15	49	55	105	79	81	66
35-39	80	70	87	90	59	53	31	25	66	65	122	89
40-44	70	80	82	82	90	102	61	65	34	38	69	77
45-49	65	75	74	84	86	86	94	106	65	69	38	41
50-54	45	60	66	77	75	86	87	89	95	109	66	71
55-59	60	55	47	55	69	72	77	81	90	83	97	103
60-64	60	65	57	56	45	56	66	73	75	82	87	85
65-69	65	75	65	69	62	60	50	60	71	77	79	86
70+	160	180	191	218	221	247	247	267	259	285	290	320
TOTAL	1235	1245	1303	1302	1363	1346	1434	1400	1521	1471	1613	1546
TOTAL	2481		2605		2709		2834		2992		3159	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		20	17					
5-9	0.999919	0.999931		16	13					
10-14	0.999828	0.999880		16	9					
15-19	0.999457	0.999689	0.1017	-10	-5	11	13	12	12	12
20-24	0.999036	0.999418	0.5237	-37	-42	31	52	65	58	59
25-29	0.998868	0.999579	0.9853	-9	-2	44	17	57	80	68
30-34	0.998687	0.999520	0.6492	18	10	52	28	10	36	51
35-39	0.998757	0.999240	0.2433	3	13	17	22	13	6	16
40-44	0.998077	0.998940	0.0511	4	4	4	4	5	3	2
45-49	0.997526	0.998567	0.0018	1	3	0	0	0	0	0
50-54	0.996162	0.997438		3	-5					
55-59	0.994412	0.996295		-2	1					
60-64	0.990746	0.994351		5	4					
65-69	0.986250	0.990957		-1	4					
70+	0.948021	0.954656		-24	-33					
TOTAL				3	-11	160	137	161	196	208
TOTAL				-8						

* Migration Period: 20-year average (2001 – 2021)

MILK RIVER

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	879					
2006	816					
2011	811					
2016	827					
2021	824	824	824	824	824	824
2026		802	803	808	822	813
2031		792	793	773	806	786
2036		782	784	715	777	745
2041		772	775	645	741	698
2046		762	766	571	705	654



Municipality: **MILK RIVER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	25	20	16	15	7	6	-4	-4	-10	-9	-11	-10
5-9	15	15	34	25	25	20	16	11	5	1	-1	-5
10-14	15	15	20	15	39	25	30	20	21	11	10	1
15-19	10	10	10	5	15	5	34	15	25	10	16	1
20-24	20	5	-5	5	-5	0	0	0	19	10	10	5
25-29	15	20	20	-15	-5	-15	-5	-20	0	-20	19	-10
30-34	15	15	15	25	20	-10	-5	-10	-5	-15	0	-15
35-39	30	20	20	15	20	25	25	-10	0	-10	0	-15
40-44	20	10	35	25	25	20	25	30	30	-5	5	-5
45-49	5	15	25	5	40	20	30	15	30	25	35	-10
50-54	35	30	-5	10	15	0	30	15	20	10	20	20
55-59	25	40	45	30	5	10	25	0	40	15	30	10
60-64	30	35	30	45	50	35	10	15	30	5	45	20
65-69	25	45	35	35	35	45	54	35	15	15	35	5
70+	110	135	86	188	73	229	61	278	69	314	37	330
TOTAL	385	435	381	428	358	415	326	389	288	357	250	322
TOTAL	824		808		773		715		645		571	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		9	5					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		-5	-10					
15-19	0.999457	0.999689	0.0620	-15	-5	1	0	0	1	1
20-24	0.999036	0.999418	0.3697	0	-20	2	2	0	0	4
25-29	0.998868	0.999579	0.6488	0	5	13	-10	-10	-13	-13
30-34	0.998687	0.999520	0.6206	5	0	9	16	-6	-6	-9
35-39	0.998757	0.999240	0.2673	5	5	5	4	7	-3	-3
40-44	0.998077	0.998940	0.0489	5	-5	0	1	1	1	0
45-49	0.997526	0.998567	0.0033	-10	-5	0	0	0	0	0
50-54	0.996162	0.997438		10	0					
55-59	0.994412	0.996295		5	5					
60-64	0.990746	0.994351		5	0					
65-69	0.986250	0.990957		0	5					
70+	0.948021	0.954656		-43	9					
TOTAL				-23	-10	31	13	-8	-19	-21
TOTAL				-34						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **MILK RIVER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	25	20	16	15	10	10	4	4	1	1	2	2
5-9	15	15	28	23	18	18	13	13	7	7	4	5
10-14	15	15	18	18	30	26	21	21	15	15	9	9
15-19	10	10	15	5	18	8	30	16	21	11	15	5
20-24	20	5	0	10	5	5	8	8	20	16	11	11
25-29	15	20	12	-5	-7	0	-2	-5	0	-2	13	6
30-34	15	15	10	23	7	-2	-12	3	-7	-2	-5	0
35-39	30	20	20	15	15	22	13	-2	-7	3	-2	-2
40-44	20	10	32	25	22	20	18	27	15	3	-5	8
45-49	5	15	25	10	37	25	27	20	22	27	20	3
50-54	35	30	-2	17	17	13	30	27	20	22	15	30
55-59	25	40	40	32	3	20	22	15	35	30	25	25
60-64	30	35	27	42	42	35	5	23	25	18	37	32
65-69	25	45	32	37	30	45	45	37	8	25	27	20
70+	110	135	120	161	137	178	150	202	178	217	167	220
TOTAL	385	435	393	429	385	421	370	407	351	390	333	372
TOTAL	824		822		806		777		741		705	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		3	3					
5-9	0.999919	0.999931		3	3					
10-14	0.999828	0.999880		0	-10					
15-19	0.999457	0.999689	0.0620	-10	0	1	0	0	1	1
20-24	0.999036	0.999418	0.3697	-7	-10	2	4	2	3	6
25-29	0.998868	0.999579	0.6488	-5	3	13	-3	0	-3	-2
30-34	0.998687	0.999520	0.6206	5	0	9	14	-2	2	-2
35-39	0.998757	0.999240	0.2673	3	5	5	4	6	-1	1
40-44	0.998077	0.998940	0.0489	5	0	0	1	1	1	0
45-49	0.997526	0.998567	0.0033	-7	3	0	0	0	0	0
50-54	0.996162	0.997438		5	3					
55-59	0.994412	0.996295		3	3					
60-64	0.990746	0.994351		3	3					
65-69	0.986250	0.990957		5	3					
70+	0.948021	0.954656		-14	-15					
TOTAL				-11	-9	31	20	8	3	4
TOTAL				-20						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **MILK RIVER**

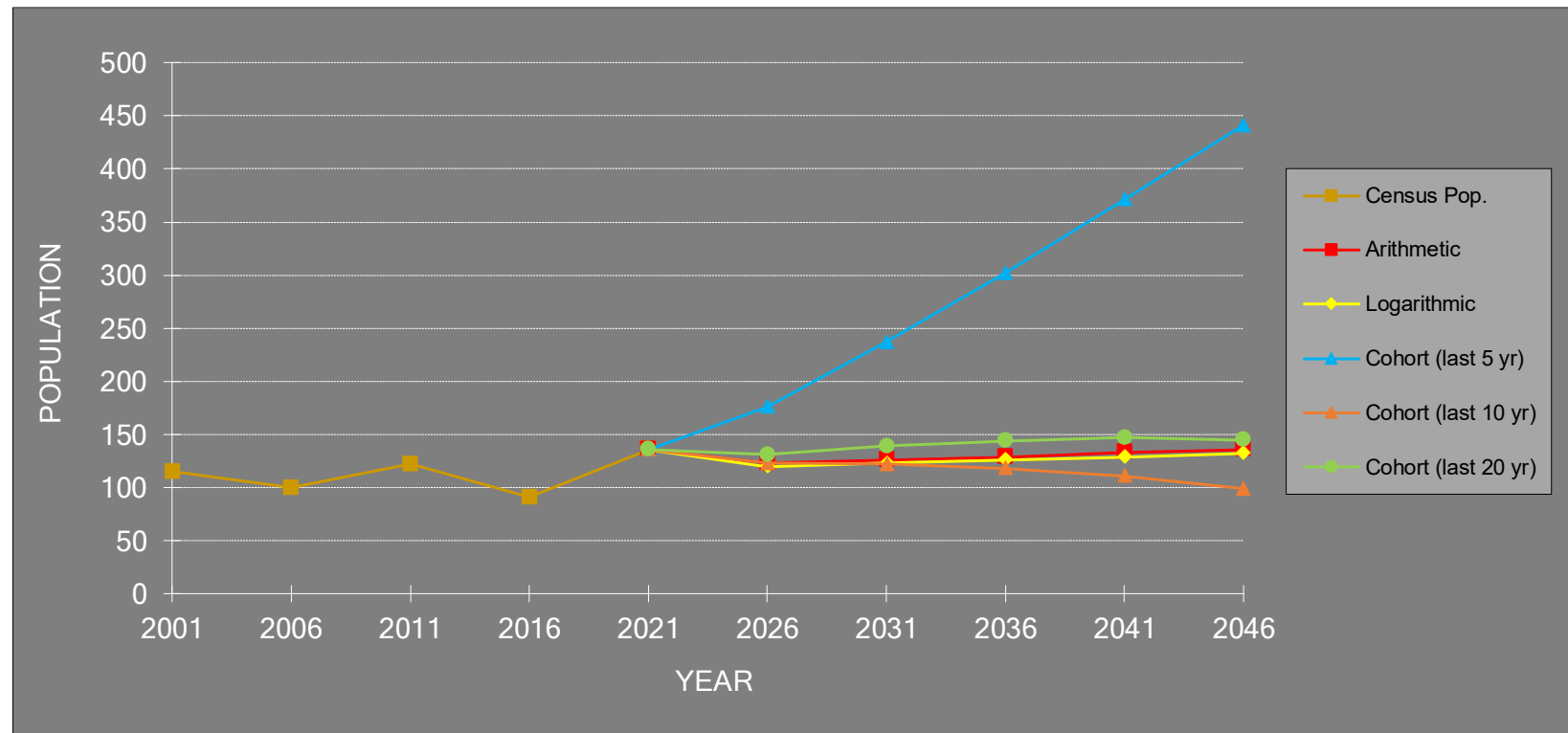
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	25	20	16	15	9	8	2	2	1	1	3	2
5-9	15	15	26	20	16	15	10	9	3	2	2	1
10-14	15	15	16	19	27	24	18	19	11	12	4	6
15-19	10	10	19	10	20	14	31	19	21	14	15	7
20-24	20	5	2	7	11	7	13	11	23	16	14	11
25-29	15	20	9	-5	-9	-2	0	-2	1	1	12	6
30-34	15	15	14	20	8	-5	-10	-2	-1	-2	0	1
35-39	30	20	16	14	15	19	9	-6	-9	-4	0	-4
40-44	20	10	32	21	19	15	18	20	11	-5	-6	-2
45-49	5	15	21	11	34	22	20	16	19	21	13	-4
50-54	35	30	0	15	16	11	29	22	15	16	14	21
55-59	25	40	36	34	1	19	17	15	30	26	16	20
60-64	30	35	26	45	37	39	3	24	19	20	31	31
65-69	25	45	34	37	30	47	41	41	7	26	22	23
70+	110	135	122	160	141	176	156	202	181	220	171	223
TOTAL	385	435	389	424	376	410	355	389	332	366	310	344
TOTAL	824		813		786		745		698		654	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	0					
5-9	0.999919	0.999931		1	4					
10-14	0.999828	0.999880		4	-5					
15-19	0.999457	0.999689	0.0620	-7	-2	1	1	1	1	1
20-24	0.999036	0.999418	0.3697	-11	-10	2	3	3	4	6
25-29	0.998868	0.999579	0.6488	-1	0	13	-3	-2	-2	1
30-34	0.998687	0.999520	0.6206	1	-1	9	12	-3	-2	-2
35-39	0.998757	0.999240	0.2673	3	1	5	4	5	-2	-1
40-44	0.998077	0.998940	0.0489	1	1	0	1	1	1	0
45-49	0.997526	0.998567	0.0033	-5	0	0	0	0	0	0
50-54	0.996162	0.997438		1	4					
55-59	0.994412	0.996295		1	5					
60-64	0.990746	0.994351		4	3					
65-69	0.986250	0.990957		8	8					
70+	0.948021	0.954656		-15	-21					
TOTAL				-15	-14	31	17	5	2	5
TOTAL				-29						

* Migration Period: 20-year average (2001 – 2021)

MILO

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	115					
2006	100					
2011	122					
2016	91					
2021	136	136	136	136	136	136
2026		123	120	176	123	131
2031		126	123	237	122	139
2036		129	126	302	118	144
2041		133	129	371	111	147
2046		136	132	441	99	145



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: MILO

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	5	5	11	10	13	12	15	14	15	15
5-9	5	0	10	0	10	5	16	10	18	12	20	14
10-14	0	5	10	0	15	0	15	5	21	10	23	12
15-19	5	0	0	10	10	5	15	5	15	10	21	15
20-24	0	5	10	0	5	10	15	5	20	5	20	10
25-29	0	10	0	10	10	5	5	15	15	10	20	10
30-34	5	0	-5	20	-5	20	5	15	0	25	10	20
35-39	0	0	5	0	-5	20	-5	20	5	15	0	25
40-44	5	5	0	0	5	0	-5	20	-5	20	5	15
45-49	0	10	5	10	0	5	5	5	-5	25	-5	25
50-54	10	5	-5	20	0	20	-5	15	0	15	-10	35
55-59	5	10	15	10	0	25	5	25	0	20	5	20
60-64	10	0	5	15	15	15	0	30	5	30	0	25
65-69	5	10	15	-5	10	10	20	10	5	25	10	25
70+	5	5	-4	15	-4	10	-8	19	-2	29	-11	52
TOTAL	70	65	66	110	77	160	91	212	107	265	123	318
TOTAL	136		176		237		302		371		441	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		5	0					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		0	5					
15-19	0.999457	0.999689	0.0612	5	0	0	1	0	0	1
20-24	0.999036	0.999418	0.3801	0	5	2	0	4	2	2
25-29	0.998868	0.999579	0.8009	-5	10	8	8	4	12	8
30-34	0.998687	0.999520	0.6208	0	0	0	12	12	9	16
35-39	0.998757	0.999240	0.2312	0	0	0	0	5	5	3
40-44	0.998077	0.998940	0.0394	0	5	0	0	0	1	1
45-49	0.997526	0.998567	0.0016	-5	10	0	0	0	0	0
50-54	0.996162	0.997438		5	5					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		5	-5					
65-69	0.986250	0.990957		0	5					
70+	0.948021	0.954656		-14	-5					
TOTAL				1	40	10	21	25	29	30
TOTAL				41						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **MILO**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	5	5	6	6	4	4	3	3	0	0
5-9	5	0	5	-3	5	2	6	3	4	2	3	0
10-14	0	5	5	-2	5	-5	5	0	6	0	4	-1
15-19	5	0	-2	5	3	-2	2	-5	2	0	3	0
20-24	0	5	5	0	-2	5	3	-2	2	-5	2	0
25-29	0	10	0	5	5	0	-2	5	2	-2	2	-5
30-34	5	0	0	12	0	7	5	3	-2	7	2	0
35-39	0	0	5	-2	0	10	0	5	5	0	-2	5
40-44	5	5	3	-2	7	-5	3	7	3	2	7	-2
45-49	0	10	5	5	3	-2	7	-5	3	7	3	2
50-54	10	5	-2	12	2	7	0	0	5	-2	0	10
55-59	5	10	12	7	0	15	5	10	3	3	7	0
60-64	10	0	5	12	12	10	0	17	5	12	3	5
65-69	5	10	15	-2	10	10	17	7	5	15	10	10
70+	5	5	1	10	6	3	7	8	14	10	9	20
TOTAL	70	65	60	62	62	60	61	57	59	52	54	45
TOTAL	136		123		122		118		111		99	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		0	-3					
5-9	0.999919	0.999931		0	-2					
10-14	0.999828	0.999880		-2	0					
15-19	0.999457	0.999689	0.0612	0	0	0	0	0	0	0
20-24	0.999036	0.999418	0.3801	0	0	2	0	2	-1	-2
25-29	0.998868	0.999579	0.8009	0	3	8	4	0	4	-2
30-34	0.998687	0.999520	0.6208	0	-2	0	8	5	2	5
35-39	0.998757	0.999240	0.2312	3	-2	0	-1	2	1	0
40-44	0.998077	0.998940	0.0394	0	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-2	3	0	0	0	0	0
50-54	0.996162	0.997438		3	3					
55-59	0.994412	0.996295		0	3					
60-64	0.990746	0.994351		5	-2					
65-69	0.986250	0.990957		0	3					
70+	0.948021	0.954656		-9	-7					
TOTAL				-4	-7	10	11	9	6	1
TOTAL				-11						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **MILO**

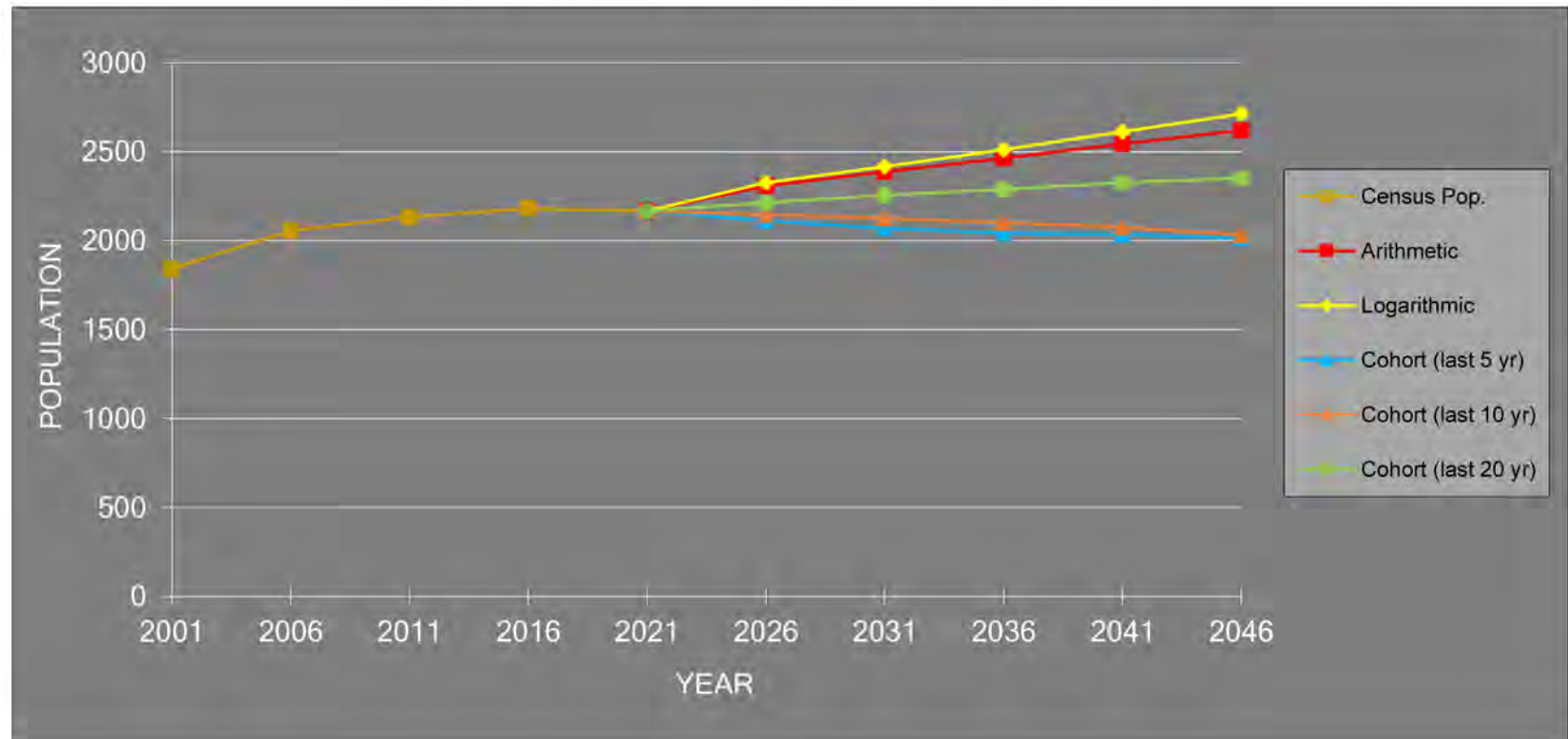
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	5	5	6	6	5	5	4	4	2	2
5-9	5	0	5	0	5	5	6	6	5	5	4	4
10-14	0	5	8	-1	7	-1	8	4	9	5	8	4
15-19	5	0	-1	4	6	-2	6	-3	6	2	8	4
20-24	0	5	5	0	-1	4	6	-2	6	-3	6	2
25-29	0	10	0	6	5	1	-1	5	6	-1	6	-1
30-34	5	0	-1	12	-1	9	4	4	-2	7	5	1
35-39	0	0	5	-1	-1	11	-1	7	4	2	-2	6
40-44	5	5	4	0	9	-1	3	11	3	7	7	2
45-49	0	10	5	5	4	0	9	-1	3	11	3	7
50-54	10	5	-2	10	2	5	1	0	6	-1	0	11
55-59	5	10	12	7	0	12	5	7	4	3	9	1
60-64	10	0	4	11	11	9	-1	14	4	9	3	4
65-69	5	10	14	-1	7	10	15	7	3	12	7	7
70+	5	5	1	11	5	6	3	12	8	16	1	24
TOTAL	70	65	62	69	65	74	67	77	67	79	66	79
TOTAL	136		131		139		144		147		145	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		0	0					
5-9	0.999919	0.999931		3	-1					
10-14	0.999828	0.999880		-1	-1					
15-19	0.999457	0.999689	0.0612	0	0	0	0	0	0	0
20-24	0.999036	0.999418	0.3801	0	1	2	0	1	-1	-1
25-29	0.998868	0.999579	0.8009	-1	3	8	5	1	4	-1
30-34	0.998687	0.999520	0.6208	0	-1	0	8	5	2	5
35-39	0.998757	0.999240	0.2312	4	0	0	0	3	2	1
40-44	0.998077	0.998940	0.0394	0	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0016	-2	0	0	0	0	0	0
50-54	0.996162	0.997438		3	3					
55-59	0.994412	0.996295		-1	1					
60-64	0.990746	0.994351		4	-1					
65-69	0.986250	0.990957		-1	1					
70+	0.948021	0.954656		-8	-5					
TOTAL				-3	-1	10	13	10	7	4
TOTAL				-4						

* Migration Period: 20-year average (2001 – 2021)

NANTON

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	1841					
2006	2055					
2011	2132					
2016	2181					
2021	2167	2167	2167	2167	2167	2167
2026		2309	2325	2111	2146	2214
2031		2386	2417	2069	2125	2254
2036		2464	2512	2042	2101	2289
2041		2542	2610	2034	2076	2326
2046		2620	2713	2014	2033	2352



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **NANTON**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	45	35	58	56	56	54	64	61	72	70	65	63
5-9	60	50	31	14	44	34	43	33	50	40	59	48
10-14	45	60	70	45	41	9	54	29	53	28	60	35
15-19	50	50	50	75	75	60	46	24	59	44	58	43
20-24	35	35	45	45	45	70	70	55	41	19	54	39
25-29	40	40	25	30	35	40	35	65	60	50	31	14
30-34	45	50	45	50	30	40	40	50	40	75	65	60
35-39	50	60	55	55	55	55	40	45	50	55	50	80
40-44	50	70	55	70	60	65	60	65	45	55	55	65
45-49	65	55	50	75	55	75	60	70	60	70	45	60
50-54	65	70	60	60	45	80	50	80	55	75	55	75
55-59	75	85	75	75	70	65	55	85	60	85	65	80
60-64	105	90	80	95	80	85	75	75	60	95	65	95
65-69	95	110	120	105	95	110	95	100	90	90	75	109
70+	205	260	197	247	213	229	204	217	195	195	182	165
TOTAL	1040	1125	1015	1096	999	1070	990	1053	990	1044	983	1030
TOTAL	2167		2111		2069		2042		2034		2014	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-14	-21					
5-9	0.999919	0.999931		10	-5					
10-14	0.999828	0.999880		5	15					
15-19	0.999457	0.999689	0.1017	-5	-5	5	8	6	2	5
20-24	0.999036	0.999418	0.5237	-10	-5	18	24	37	29	10
25-29	0.998868	0.999579	0.9853	5	10	39	30	39	64	49
30-34	0.998687	0.999520	0.6492	10	5	32	32	26	32	49
35-39	0.998757	0.999240	0.2433	5	10	15	13	13	11	13
40-44	0.998077	0.998940	0.0511	0	5	4	4	3	3	3
45-49	0.997526	0.998567	0.0018	-5	5	0	0	0	0	0
50-54	0.996162	0.997438		10	5					
55-59	0.994412	0.996295		5	10					
60-64	0.990746	0.994351		16	15					
65-69	0.986250	0.990957		21	1					
70+	0.948021	0.954656		-112	-111					
TOTAL				-59	-66	114	110	125	142	129
TOTAL				-125						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **NANTON**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	45	35	58	56	51	49	52	50	53	51	44	43
5-9	60	50	30	20	43	41	37	35	37	35	38	36
10-14	45	60	60	48	30	18	43	38	37	32	37	32
15-19	50	50	45	62	60	50	30	20	43	41	37	35
20-24	35	35	42	40	37	52	53	40	23	10	36	31
25-29	40	40	25	27	32	32	27	45	42	33	13	3
30-34	45	50	40	45	25	33	32	37	27	50	42	38
35-39	50	60	50	55	45	50	30	38	37	42	32	55
40-44	50	70	55	67	55	62	50	57	35	45	42	50
45-49	65	55	47	67	52	65	52	60	47	55	33	43
50-54	65	70	60	62	42	75	47	72	47	67	42	62
55-59	75	85	70	72	65	65	47	77	52	75	52	70
60-64	105	90	85	95	80	82	75	75	57	87	62	85
65-69	95	110	110	102	90	107	85	95	80	87	62	100
70+	205	260	250	298	307	326	342	358	370	376	391	386
TOTAL	1040	1125	1028	1118	1017	1108	1003	1098	990	1087	966	1067
TOTAL	2167		2146		2125		2101		2076		2033	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-15	-15					
5-9	0.999919	0.999931		0	-2					
10-14	0.999828	0.999880		0	3					
15-19	0.999457	0.999689	0.1017	-7	-10	5	6	5	2	4
20-24	0.999036	0.999418	0.5237	-10	-7	18	21	27	21	5
25-29	0.998868	0.999579	0.9853	0	5	39	27	32	44	32
30-34	0.998687	0.999520	0.6492	5	5	32	29	21	24	32
35-39	0.998757	0.999240	0.2433	5	8	15	13	12	9	10
40-44	0.998077	0.998940	0.0511	-2	-2	4	3	3	3	2
45-49	0.997526	0.998567	0.0018	-5	8	0	0	0	0	0
50-54	0.996162	0.997438		5	3					
55-59	0.994412	0.996295		10	10					
60-64	0.990746	0.994351		5	13					
65-69	0.986250	0.990957		23	1					
70+	0.948021	0.954656		-61	-60					
TOTAL				-46	-43	114	101	101	104	87
TOTAL				-89						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **NANTON**

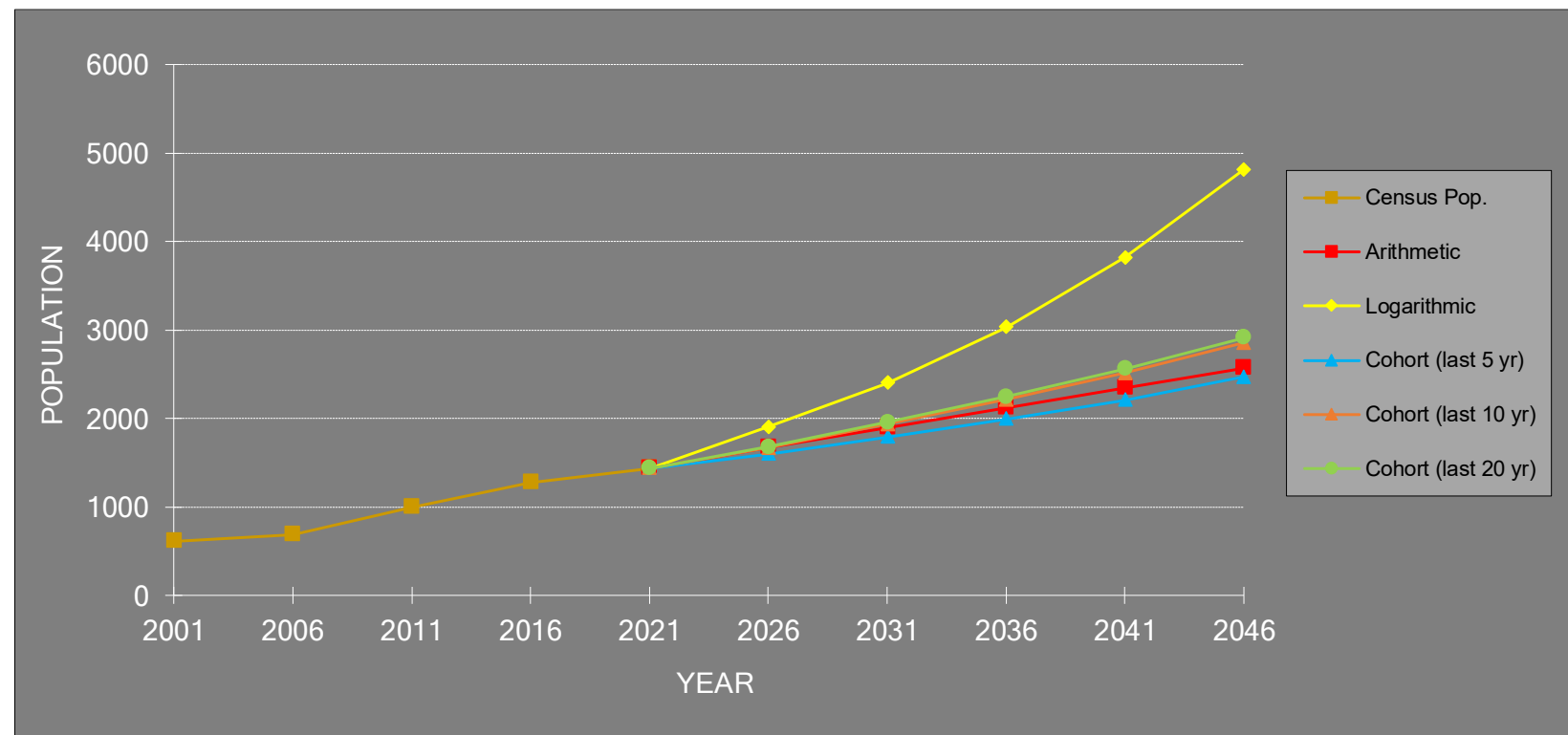
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	45	35	58	56	48	46	48	46	51	49	47	46
5-9	60	50	33	26	46	46	36	37	36	37	40	40
10-14	45	60	61	54	35	30	48	50	38	41	37	40
15-19	50	50	47	62	64	56	37	32	50	53	40	43
20-24	35	35	47	44	45	56	61	50	35	26	48	46
25-29	40	40	24	20	36	29	34	41	50	35	23	11
30-34	45	50	35	41	19	21	31	30	29	42	45	36
35-39	50	60	51	61	41	53	25	33	37	41	35	54
40-44	50	70	62	66	64	67	54	59	38	39	50	47
45-49	65	55	54	70	66	66	67	67	57	59	41	39
50-54	65	70	64	64	52	79	65	75	66	76	56	67
55-59	75	85	71	74	70	67	59	82	71	79	72	80
60-64	105	90	87	97	84	86	82	80	71	95	83	91
65-69	95	110	114	101	97	108	93	97	92	91	81	106
70+	205	260	256	312	324	352	371	398	411	431	449	456
TOTAL	1040	1125	1067	1148	1091	1164	1111	1178	1133	1193	1149	1203
TOTAL	2167		2214		2254		2289		2326		2352	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-12	-9					
5-9	0.999919	0.999931		1	4					
10-14	0.999828	0.999880		3	3					
15-19	0.999457	0.999689	0.1017	-2	-6	5	6	6	3	5
20-24	0.999036	0.999418	0.5237	-11	-15	18	23	29	26	14
25-29	0.998868	0.999579	0.9853	-5	1	39	20	28	41	35
30-34	0.998687	0.999520	0.6492	6	11	32	27	14	19	28
35-39	0.998757	0.999240	0.2433	13	6	15	15	13	8	10
40-44	0.998077	0.998940	0.0511	4	0	4	3	3	3	2
45-49	0.997526	0.998567	0.0018	-1	9	0	0	0	0	0
50-54	0.996162	0.997438		6	4					
55-59	0.994412	0.996295		13	13					
60-64	0.990746	0.994351		10	12					
65-69	0.986250	0.990957		16	8					
70+	0.948021	0.954656		-48	-53					
TOTAL				-7	-14	114	94	94	101	93
TOTAL				-21						

* Migration Period: 20-year average (2001 – 2021)

NOBLEFORD

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	615					
2006	689					
2011	1000					
2016	1278					
2021	1438	1438	1438	1438	1438	1438
2026		1675	1906	1599	1668	1679
2031		1898	2403	1793	1934	1957
2036		2122	3029	1995	2213	2248
2041		2345	3819	2211	2512	2559
2046		2569	4814	2471	2857	2912



Municipality: **NOBLEFORD**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	85	95	59	56	69	66	72	69	80	77	102	98
5-9	80	85	123	145	97	107	108	117	111	120	118	127
10-14	65	55	70	90	113	150	87	112	98	122	101	125
15-19	45	55	55	65	60	100	103	160	77	122	88	132
20-24	50	60	35	40	45	50	50	85	93	145	67	107
25-29	60	65	55	75	40	55	50	65	55	100	98	160
30-34	70	60	75	80	70	90	55	70	65	80	70	115
35-39	30	30	85	65	90	85	85	95	70	75	80	85
40-44	55	40	30	25	85	60	90	80	85	90	70	70
45-49	25	40	60	40	35	25	90	60	95	80	90	90
50-54	30	25	20	40	55	40	30	25	85	60	90	80
55-59	30	25	30	25	20	40	55	40	30	25	84	60
60-64	20	25	35	25	35	25	25	40	60	40	35	25
65-69	20	25	10	20	25	20	25	20	15	35	49	35
70+	40	35	35	30	20	21	21	12	22	3	13	10
TOTAL	710	730	777	822	859	934	946	1049	1039	1172	1154	1317
TOTAL	1438		1599		1793		1995		2211		2471	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		38	50					
5-9	0.999919	0.999931		-10	5					
10-14	0.999828	0.999880		-10	10					
15-19	0.999457	0.999689	0.0620	-10	-15	3	4	6	10	8
20-24	0.999036	0.999418	0.3697	5	15	22	15	18	31	54
25-29	0.998868	0.999579	0.6488	15	15	42	49	36	42	65
30-34	0.998687	0.999520	0.6206	15	5	37	50	56	43	50
35-39	0.998757	0.999240	0.2673	0	-5	8	17	23	25	20
40-44	0.998077	0.998940	0.0489	5	0	2	1	3	4	4
45-49	0.997526	0.998567	0.0033	-5	0	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		5	0					
60-64	0.990746	0.994351		-10	-5					
65-69	0.986250	0.990957		-5	0					
70+	0.948021	0.954656		-18	-28					
TOTAL				17	48	115	136	142	156	200
TOTAL				64						

* Migration Period: 5-year average (2016 – 2021)

Municipality: NOBLEFORD

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	85	95	59	56	71	68	78	75	89	86	113	109
5-9	80	85	130	141	103	103	116	114	122	121	134	132
10-14	65	55	78	90	127	146	101	108	113	119	120	126
15-19	45	55	60	70	73	105	122	161	96	123	108	134
20-24	50	60	42	47	57	62	70	98	120	154	93	115
25-29	60	65	52	75	45	62	60	77	73	112	122	169
30-34	70	60	77	82	70	92	62	80	77	95	90	130
35-39	30	30	77	60	85	82	77	92	70	80	85	95
40-44	55	40	35	27	82	57	90	80	82	90	75	77
45-49	25	40	60	42	40	30	87	60	95	82	87	92
50-54	30	25	22	37	57	40	37	27	85	57	92	80
55-59	30	25	32	22	25	35	60	37	40	25	87	55
60-64	20	25	35	27	37	25	30	37	64	40	45	27
65-69	20	25	17	25	32	27	35	25	27	37	61	40
70+	40	35	42	43	42	50	56	59	72	66	80	84
TOTAL	710	730	820	848	948	987	1081	1132	1225	1287	1392	1465
TOTAL	1438		1668		1934		2213		2512		2857	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		45	46					
5-9	0.999919	0.999931		-2	5					
10-14	0.999828	0.999880		-5	15					
15-19	0.999457	0.999689	0.0620	-2	-7	3	4	7	10	8
20-24	0.999036	0.999418	0.3697	3	15	22	18	23	36	57
25-29	0.998868	0.999579	0.6488	18	18	42	49	41	50	73
30-34	0.998687	0.999520	0.6206	8	0	37	51	57	50	59
35-39	0.998757	0.999240	0.2673	5	-2	8	16	22	25	21
40-44	0.998077	0.998940	0.0489	5	3	2	1	3	4	4
45-49	0.997526	0.998567	0.0033	-2	-2	0	0	0	0	0
50-54	0.996162	0.997438		3	-2					
55-59	0.994412	0.996295		5	3					
60-64	0.990746	0.994351		-2	0					
65-69	0.986250	0.990957		-2	0					
70+	0.948021	0.954656		-13	-16					
TOTAL				60	74	115	139	152	175	222
TOTAL				134						

* Migration Period: 10-year average (2011 – 2021)

Municipality: NOBLEFORD

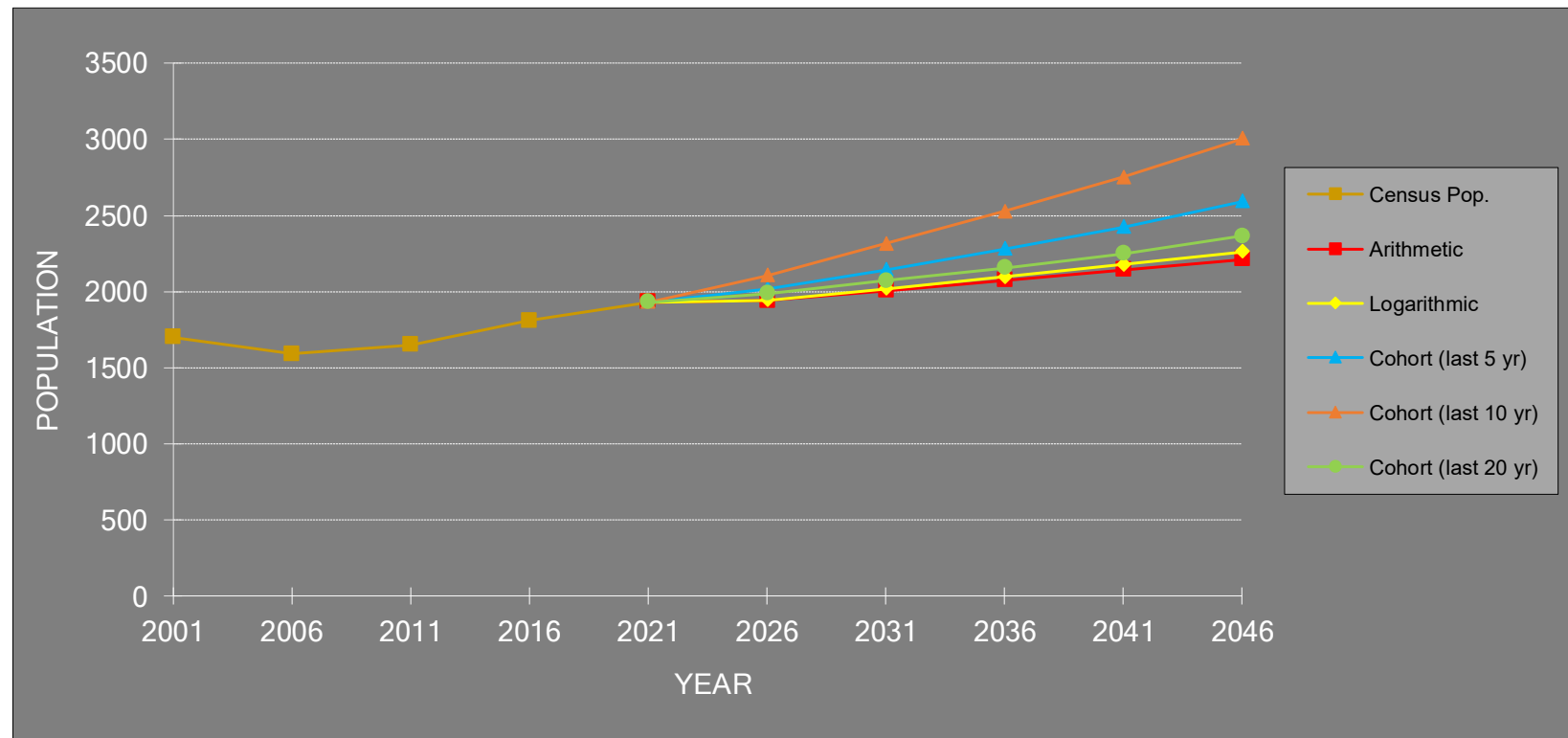
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	85	95	59	56	72	69	78	75	90	87	112	108
5-9	80	85	123	123	97	85	110	97	117	104	128	115
10-14	65	55	85	95	128	133	102	95	115	107	122	114
15-19	45	55	64	67	84	108	127	146	101	107	114	120
20-24	50	60	44	51	62	64	83	104	126	142	99	103
25-29	60	65	49	71	42	62	61	75	81	115	124	153
30-34	70	60	75	85	64	91	57	82	76	95	96	135
35-39	30	30	80	62	85	87	74	94	67	85	86	97
40-44	55	40	34	31	84	64	89	89	77	95	71	86
45-49	25	40	60	42	39	34	89	66	93	91	82	97
50-54	30	25	24	40	59	42	37	34	87	66	92	91
55-59	30	25	32	27	26	42	61	45	40	36	89	68
60-64	20	25	34	29	36	31	30	46	64	49	43	40
65-69	20	25	21	25	35	29	37	31	31	46	65	48
70+	40	35	45	45	50	54	69	67	89	82	102	110
TOTAL	710	730	827	852	962	995	1103	1145	1254	1305	1426	1485
TOTAL	1438		1679		1957		2248		2559		2912	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		38	28					
5-9	0.999919	0.999931		5	10					
10-14	0.999828	0.999880		-1	13					
15-19	0.999457	0.999689	0.0620	-1	-4	3	4	7	9	7
20-24	0.999036	0.999418	0.3697	-1	11	22	19	24	38	52
25-29	0.998868	0.999579	0.6488	15	20	42	46	41	49	75
30-34	0.998687	0.999520	0.6206	10	3	37	53	57	51	59
35-39	0.998757	0.999240	0.2673	4	1	8	17	23	25	23
40-44	0.998077	0.998940	0.0489	5	3	2	2	3	4	5
45-49	0.997526	0.998567	0.0033	-1	0	0	0	0	0	0
50-54	0.996162	0.997438		3	3					
55-59	0.994412	0.996295		4	4					
60-64	0.990746	0.994351		1	0					
65-69	0.986250	0.990957		0	0					
70+	0.948021	0.954656		-13	-13					
TOTAL				67	78	115	140	154	177	220
TOTAL				145						

* Migration Period: 20-year average (2001 – 2021)

PICTURE BUTTE

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	1701					
2006	1592					
2011	1650					
2016	1810					
2021	1930	1930	1930	1930	1930	1930
2026		1939	1942	2018	2105	1988
2031		2007	2018	2144	2313	2071
2036		2075	2096	2279	2527	2154
2041		2142	2177	2425	2752	2248
2046		2210	2262	2593	3002	2365



Municipality: **PICTURE BUTTE**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	105	85	67	64	75	72	80	77	85	82	96	93
5-9	85	75	148	110	109	89	118	98	123	102	128	107
10-14	70	75	80	80	143	115	104	94	113	103	118	107
15-19	50	55	60	70	70	75	133	110	94	89	103	98
20-24	80	65	55	55	65	70	75	75	138	110	99	89
25-29	80	75	80	80	55	70	65	85	75	90	138	125
30-34	70	60	85	85	85	90	60	80	70	95	80	100
35-39	60	55	80	60	95	85	95	90	70	80	80	95
40-44	50	50	55	45	75	50	90	75	90	80	65	70
45-49	45	40	55	50	60	45	80	50	95	75	95	80
50-54	50	45	30	40	40	50	45	45	65	50	80	75
55-59	45	35	55	45	35	40	45	50	50	45	70	50
60-64	45	45	40	30	50	40	30	35	40	45	45	40
65-69	35	40	45	40	40	25	50	35	30	30	40	40
70+	100	140	90	140	91	140	87	125	92	120	78	111
TOTAL	965	960	1024	994	1088	1056	1156	1123	1230	1196	1314	1279
TOTAL	1930		2018		2144		2279		2425		2593	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		43	25					
5-9	0.999919	0.999931		-5	5					
10-14	0.999828	0.999880		-10	-5					
15-19	0.999457	0.999689	0.0620	5	0	3	4	5	7	6
20-24	0.999036	0.999418	0.3697	0	15	24	20	26	28	41
25-29	0.998868	0.999579	0.6488	5	10	49	52	45	55	58
30-34	0.998687	0.999520	0.6206	10	0	37	53	56	50	59
35-39	0.998757	0.999240	0.2673	-5	-10	15	16	23	24	21
40-44	0.998077	0.998940	0.0489	5	0	2	2	2	4	4
45-49	0.997526	0.998567	0.0033	-15	0	0	0	0	0	0
50-54	0.996162	0.997438		5	0					
55-59	0.994412	0.996295		-5	-5					
60-64	0.990746	0.994351		0	-5					
65-69	0.986250	0.990957		-5	-5					
70+	0.948021	0.954656		-34	-29					
TOTAL				-5	-2	131	148	157	167	189
TOTAL				-7						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **PICTURE BUTTE**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	105	85	67	64	74	72	78	75	85	82	99	95
5-9	85	75	145	107	107	86	114	94	119	98	125	104
10-14	70	75	88	88	148	120	109	99	117	106	121	110
15-19	50	55	62	72	80	85	140	117	102	96	110	104
20-24	80	65	57	55	70	72	88	85	148	117	109	96
25-29	80	75	80	75	57	65	70	82	88	95	147	127
30-34	70	60	82	85	82	85	60	75	72	92	90	105
35-39	60	55	82	65	95	90	95	90	72	80	85	97
40-44	50	50	50	47	72	57	85	82	85	82	62	72
45-49	45	40	57	52	57	50	80	60	92	85	92	85
50-54	50	45	42	45	55	57	55	55	77	65	90	90
55-59	45	35	55	42	47	42	60	55	60	52	82	62
60-64	45	45	37	30	47	37	40	37	52	50	52	47
65-69	35	40	42	40	35	25	45	32	37	32	49	45
70+	100	140	98	190	103	238	100	268	107	305	107	340
TOTAL	965	960	1046	1059	1131	1183	1219	1308	1313	1439	1421	1581
TOTAL	1930		2105		2313		2527		2752		3002	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		40	22					
5-9	0.999919	0.999931		3	13					
10-14	0.999828	0.999880		-7	-2					
15-19	0.999457	0.999689	0.0620	8	0	3	4	5	7	6
20-24	0.999036	0.999418	0.3697	0	10	24	20	27	31	43
25-29	0.998868	0.999579	0.6488	3	10	49	49	42	53	62
30-34	0.998687	0.999520	0.6206	13	5	37	53	53	47	57
35-39	0.998757	0.999240	0.2673	-10	-7	15	17	24	24	21
40-44	0.998077	0.998940	0.0489	8	3	2	2	3	4	4
45-49	0.997526	0.998567	0.0033	-2	5	0	0	0	0	0
50-54	0.996162	0.997438		5	-2					
55-59	0.994412	0.996295		-7	-5					
60-64	0.990746	0.994351		-2	-5					
65-69	0.986250	0.990957		-2	-2					
70+	0.948021	0.954656		-30	19					
TOTAL				17	62	131	146	154	167	194
TOTAL				79						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **PICTURE BUTTE**

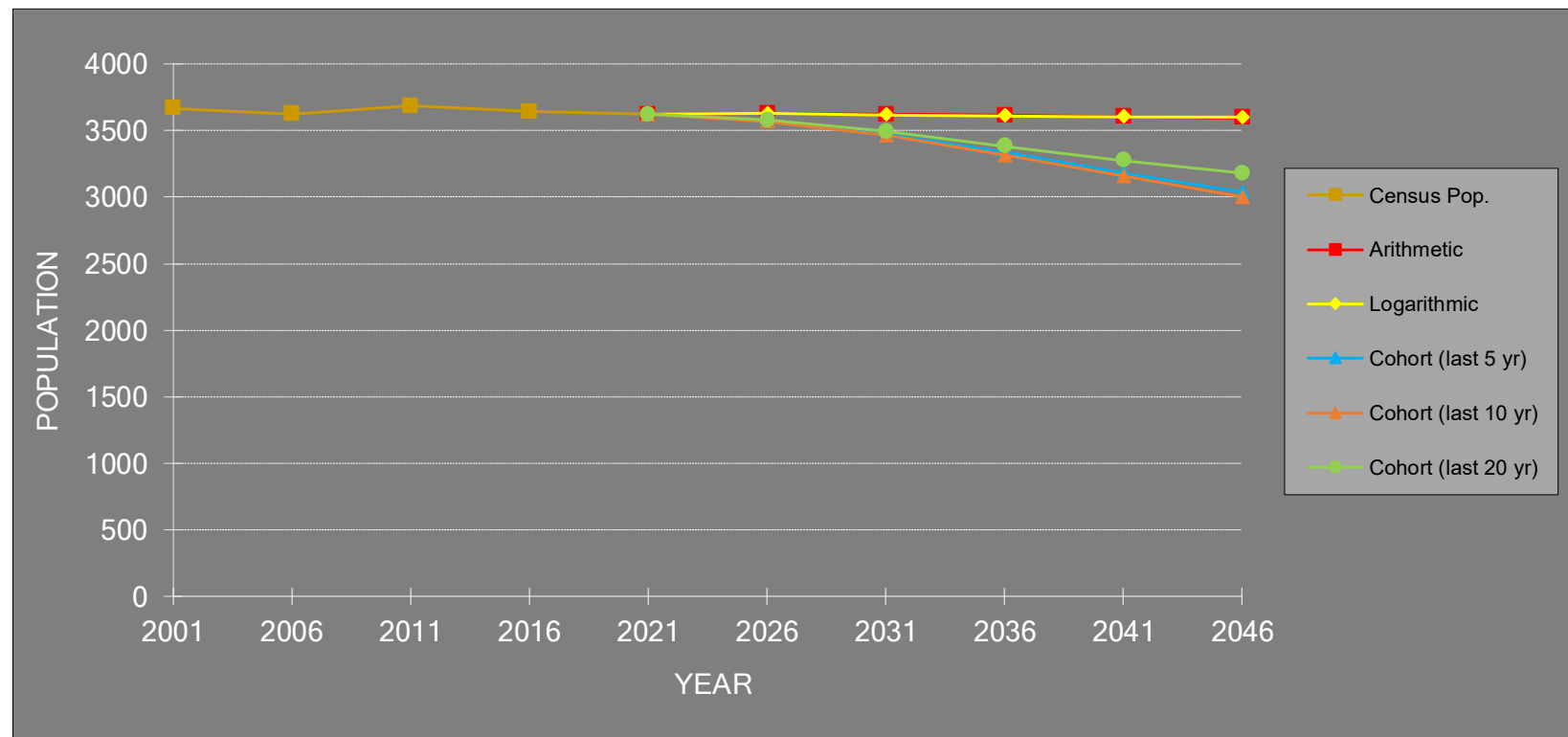
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	105	85	67	64	69	66	69	66	74	71	85	82
5-9	85	75	134	98	95	77	97	79	97	79	102	84
10-14	70	75	85	84	134	107	95	86	97	88	98	88
15-19	50	55	64	77	79	86	128	110	89	89	91	91
20-24	80	65	59	52	72	75	88	84	136	107	98	86
25-29	80	75	74	65	52	52	66	75	81	84	130	107
30-34	70	60	80	80	74	70	52	57	66	80	81	89
35-39	60	55	82	60	92	80	86	70	65	57	79	80
40-44	50	50	54	50	76	55	86	75	80	65	59	52
45-49	45	40	50	51	54	51	76	56	86	76	80	66
50-54	50	45	44	41	49	52	52	52	75	57	85	77
55-59	45	35	51	40	45	36	50	47	54	47	76	52
60-64	45	45	35	32	41	37	35	34	40	45	44	45
65-69	35	40	42	40	32	27	38	32	32	29	37	40
70+	100	140	93	140	93	140	84	127	81	120	72	110
TOTAL	965	960	1013	976	1058	1014	1103	1052	1153	1095	1216	1150
TOTAL	1930		1988		2071		2154		2248		2365	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		29	13					
5-9	0.999919	0.999931		0	9					
10-14	0.999828	0.999880		-6	3					
15-19	0.999457	0.999689	0.0620	9	-2	3	5	5	7	5
20-24	0.999036	0.999418	0.3697	-6	0	24	19	28	31	40
25-29	0.998868	0.999579	0.6488	0	5	49	42	34	49	54
30-34	0.998687	0.999520	0.6206	13	0	37	50	43	36	50
35-39	0.998757	0.999240	0.2673	-6	-5	15	16	21	19	15
40-44	0.998077	0.998940	0.0489	0	1	2	2	3	4	3
45-49	0.997526	0.998567	0.0033	-1	1	0	0	0	0	0
50-54	0.996162	0.997438		1	-5					
55-59	0.994412	0.996295		-10	-2					
60-64	0.990746	0.994351		-2	-5					
65-69	0.986250	0.990957		-3	-2					
70+	0.948021	0.954656		-33	-31					
TOTAL				-17	-21	131	135	135	145	168
TOTAL				-37						

* Migration Period: 20-year average (2001 – 2021)

PINCHER CREEK

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	3666					
2006	3625					
2011	3685					
2016	3642					
2021	3622	3622	3622	3622	3622	3622
2026		3627	3627	3571	3568	3580
2031		3620	3620	3477	3464	3493
2036		3613	3613	3338	3316	3381
2041		3605	3606	3183	3157	3275
2046		3598	3599	3035	3000	3178



Municipality: **PINCHER CREEK**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	105	110	129	124	104	100	82	78	73	71	76	73
5-9	115	100	78	93	102	107	77	83	55	62	46	54
10-14	115	95	125	110	88	103	112	117	87	93	65	72
15-19	90	75	115	75	125	90	88	83	112	97	87	73
20-24	90	80	75	55	100	55	110	70	73	63	97	77
25-29	95	85	80	65	65	40	90	40	100	55	63	48
30-34	95	135	105	90	90	70	75	45	100	45	110	60
35-39	95	105	100	165	110	120	95	100	80	75	105	75
40-44	105	115	90	100	95	160	105	115	90	95	75	70
45-49	90	85	100	115	85	100	90	160	100	115	85	95
50-54	80	120	80	85	90	115	75	100	80	160	90	115
55-59	110	115	70	125	70	90	80	120	65	105	70	164
60-64	120	125	110	115	70	125	70	90	80	120	65	105
65-69	110	130	115	100	104	90	65	100	65	65	75	94
70+	320	405	330	454	344	471	348	477	312	493	278	473
TOTAL	1750	1870	1701	1870	1642	1835	1560	1778	1471	1712	1386	1649
TOTAL	3622		3571		3477		3338		3183		3035	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-27	-17					
5-9	0.999919	0.999931		10	10					
10-14	0.999828	0.999880		0	-20					
15-19	0.999457	0.999689	0.1017	-15	-20	8	8	9	8	10
20-24	0.999036	0.999418	0.5237	-10	-15	42	29	29	37	33
25-29	0.998868	0.999579	0.9853	10	5	84	64	39	39	54
30-34	0.998687	0.999520	0.6492	5	30	88	58	45	29	29
35-39	0.998757	0.999240	0.2433	-5	-5	26	40	29	24	18
40-44	0.998077	0.998940	0.0511	-5	0	6	5	8	6	5
45-49	0.997526	0.998567	0.0018	-10	0	0	0	0	0	0
50-54	0.996162	0.997438		-10	5					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		-4	-24					
65-69	0.986250	0.990957		-9	6					
70+	0.948021	0.954656		-73	-67					
TOTAL				-141	-112	252	204	160	144	150
TOTAL				-253						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **PINCHER CREEK**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	105	110	129	124	102	98	81	78	77	74	77	74
5-9	115	100	76	81	99	95	72	69	52	49	47	45
10-14	115	95	123	105	83	86	107	100	80	74	60	54
15-19	90	75	112	85	120	95	81	76	105	90	77	64
20-24	90	80	80	60	102	70	110	80	71	61	95	75
25-29	95	85	57	55	47	35	70	45	78	55	38	36
30-34	95	135	107	95	70	65	60	45	82	55	90	65
35-39	95	105	105	157	117	118	80	88	70	68	92	78
40-44	105	115	88	95	97	147	110	107	73	78	63	58
45-49	90	85	105	107	87	87	97	140	110	100	73	70
50-54	80	120	80	85	95	107	77	87	87	140	100	100
55-59	110	115	65	117	65	82	80	105	62	85	72	137
60-64	120	125	112	110	68	112	68	77	82	100	65	80
65-69	110	130	105	105	97	90	53	92	53	58	67	80
70+	320	405	368	475	409	516	439	541	425	567	411	558
TOTAL	1750	1870	1712	1856	1660	1804	1586	1730	1506	1652	1428	1572
TOTAL	3622		3568		3464		3316		3157		3000	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-29	-29					
5-9	0.999919	0.999931		8	5					
10-14	0.999828	0.999880		-2	-10					
15-19	0.999457	0.999689	0.1017	-10	-15	8	9	10	8	9
20-24	0.999036	0.999418	0.5237	-32	-25	42	31	37	42	32
25-29	0.998868	0.999579	0.9853	13	10	84	54	34	44	54
30-34	0.998687	0.999520	0.6492	10	23	88	62	42	29	36
35-39	0.998757	0.999240	0.2433	-7	-10	26	38	29	21	16
40-44	0.998077	0.998940	0.0511	0	-7	6	5	8	5	4
45-49	0.997526	0.998567	0.0018	-10	0	0	0	0	0	0
50-54	0.996162	0.997438		-15	-2					
55-59	0.994412	0.996295		3	-5					
60-64	0.990746	0.994351		-14	-19					
65-69	0.986250	0.990957		-4	1					
70+	0.948021	0.954656		-40	-41					
TOTAL				-130	-126	252	199	159	150	152
TOTAL				-256						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **PINCHER CREEK**

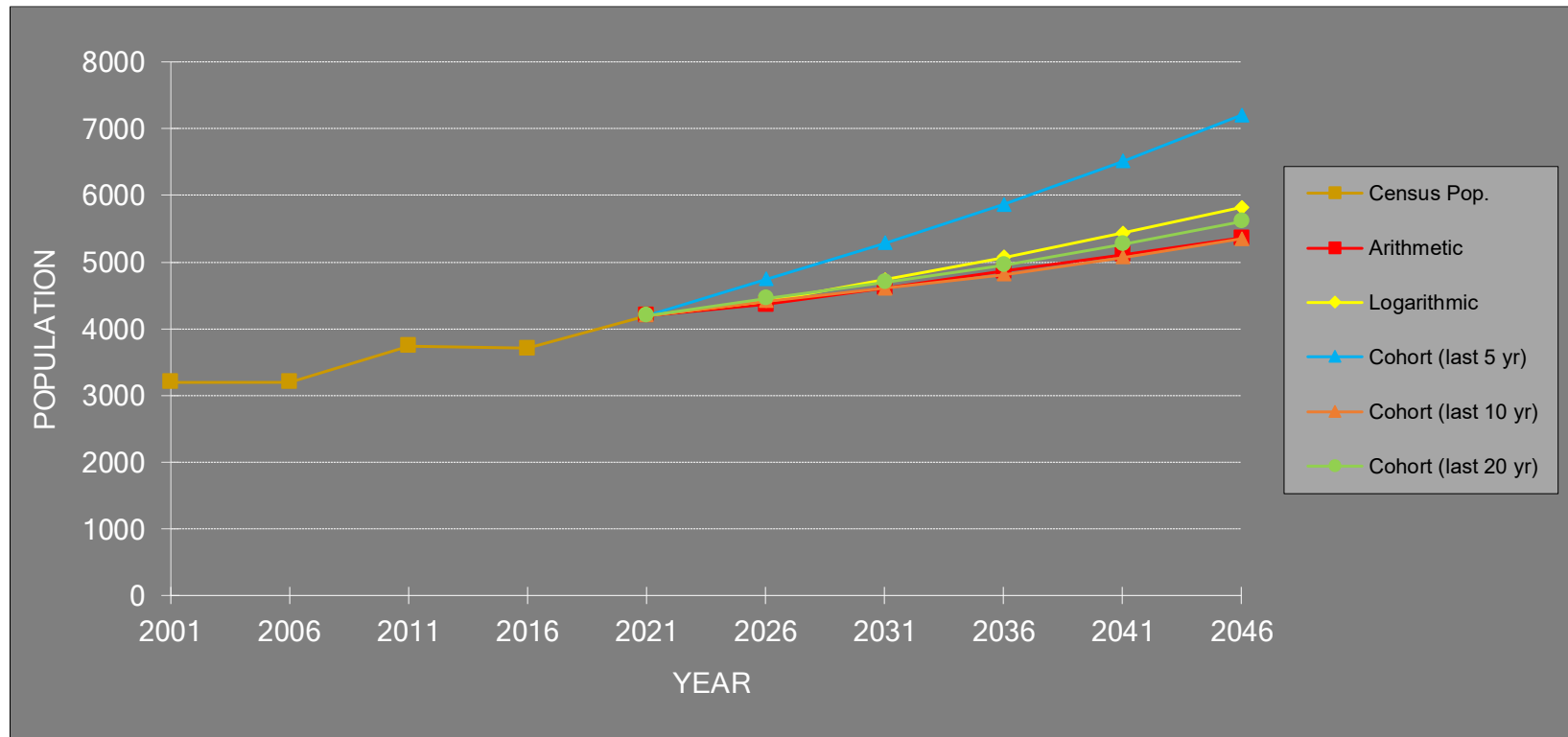
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	105	110	129	124	104	100	91	88	94	90	97	94
5-9	115	100	76	87	100	100	75	76	63	64	65	67
10-14	115	95	121	98	83	84	106	98	81	74	69	62
15-19	90	75	120	95	126	98	88	84	111	98	86	74
20-24	90	80	81	72	111	92	118	95	79	82	102	95
25-29	95	85	54	56	45	49	75	69	81	71	43	58
30-34	95	135	109	89	67	60	59	53	89	72	95	75
35-39	95	105	107	155	121	109	80	80	71	73	101	92
40-44	105	115	85	94	97	144	111	97	70	69	61	61
45-49	90	85	112	116	92	95	105	145	119	99	78	70
50-54	80	120	92	104	115	135	95	114	107	163	121	117
55-59	110	115	76	117	89	101	111	132	91	111	103	161
60-64	120	125	107	101	74	104	86	87	108	118	89	97
65-69	110	130	101	110	88	86	55	88	67	72	89	103
70+	320	405	346	445	361	463	363	457	333	454	316	435
TOTAL	1750	1870	1717	1862	1674	1819	1618	1764	1565	1711	1516	1662
TOTAL	3622		3580		3493		3381		3275		3178	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-29	-23					
5-9	0.999919	0.999931		6	-2					
10-14	0.999828	0.999880		5	0					
15-19	0.999457	0.999689	0.1017	-9	-2	8	10	10	9	10
20-24	0.999036	0.999418	0.5237	-36	-24	42	38	48	50	43
25-29	0.998868	0.999579	0.9853	14	4	84	55	48	68	70
30-34	0.998687	0.999520	0.6492	13	20	88	58	39	34	47
35-39	0.998757	0.999240	0.2433	-10	-11	26	38	26	19	18
40-44	0.998077	0.998940	0.0511	8	1	6	5	7	5	4
45-49	0.997526	0.998567	0.0018	3	19	0	0	0	0	0
50-54	0.996162	0.997438		-3	-2					
55-59	0.994412	0.996295		-2	-13					
60-64	0.990746	0.994351		-18	-14					
65-69	0.986250	0.990957		-10	-11					
70+	0.948021	0.954656		-56	-60					
TOTAL				-125	-120	252	203	179	185	191
TOTAL				-245						

* Migration Period: 20-year average (2001 – 2021)

RAYMOND

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	3200					
2006	3205					
2011	3743					
2016	3708					
2021	4199	4199	4199	4199	4199	4199
2026		4361	4417	4741	4412	4456
2031		4611	4732	5284	4606	4698
2036		4862	5069	5860	4816	4957
2041		5112	5431	6506	5070	5265
2046		5362	5818	7202	5348	5608



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **RAYMOND**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	160	135	116	111	117	113	140	134	181	174	211	203
5-9	195	185	223	177	179	153	180	155	203	176	244	215
10-14	230	195	225	220	253	212	209	188	210	190	233	211
15-19	155	180	265	220	260	245	288	237	244	213	245	215
20-24	110	95	150	190	260	230	255	255	283	247	239	223
25-29	100	90	70	45	110	140	220	180	215	205	243	197
30-34	125	130	95	100	65	55	105	150	215	190	210	215
35-39	135	130	155	175	125	145	95	100	135	195	244	235
40-44	125	130	155	160	175	205	145	175	115	130	155	225
45-49	100	100	145	150	175	180	195	225	165	195	135	150
50-54	80	95	75	105	120	155	150	185	169	230	140	200
55-59	80	115	85	100	80	110	124	160	154	189	174	234
60-64	120	105	80	120	85	105	80	115	124	164	154	194
65-69	95	125	120	105	80	120	85	105	80	114	124	164
70+	275	295	376	431	495	540	570	659	645	758	711	862
TOTAL	2090	2110	2333	2408	2578	2706	2839	3021	3137	3369	3460	3742
TOTAL	4199		4741		5284		5860		6506		7202	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		63	42					
5-9	0.999919	0.999931		30	35					
10-14	0.999828	0.999880		35	25					
15-19	0.999457	0.999689	0.0620	-5	10	11	14	15	15	13
20-24	0.999036	0.999418	0.3697	-40	-50	35	70	85	94	91
25-29	0.998868	0.999579	0.6488	-5	10	58	29	91	117	133
30-34	0.998687	0.999520	0.6206	30	45	81	62	34	93	118
35-39	0.998757	0.999240	0.2673	20	30	35	47	39	27	52
40-44	0.998077	0.998940	0.0489	20	20	6	8	10	9	6
45-49	0.997526	0.998567	0.0033	-25	5	0	0	1	1	1
50-54	0.996162	0.997438		5	5					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		1	0					
65-69	0.986250	0.990957		16	1					
70+	0.948021	0.954656		6	24					
TOTAL				152	208	227	230	274	355	414
TOTAL				360						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **RAYMOND**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	160	135	116	111	105	101	116	111	141	135	155	149
5-9	195	185	216	175	171	151	161	141	171	151	196	175
10-14	230	195	208	203	228	192	184	168	173	158	184	169
15-19	155	180	242	192	220	200	241	190	196	166	186	156
20-24	110	95	147	180	235	192	213	200	233	190	189	166
25-29	100	90	70	45	107	130	195	142	172	150	193	140
30-34	125	130	95	85	65	40	102	125	190	137	167	145
35-39	135	130	140	145	110	100	80	55	117	140	204	152
40-44	125	130	142	137	147	152	117	107	88	63	125	147
45-49	100	100	140	140	157	147	162	162	132	117	103	73
50-54	80	95	87	102	127	142	145	150	150	165	120	120
55-59	80	115	82	97	90	105	129	145	147	152	152	167
60-64	120	105	82	115	85	97	92	105	132	144	149	152
65-69	95	125	110	102	72	112	75	95	82	102	121	141
70+	275	295	338	366	411	411	444	464	478	498	517	537
TOTAL	2090	2110	2215	2196	2332	2274	2456	2361	2602	2468	2760	2588
TOTAL	4199		4412		4606		4816		5070		5348	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		56	40					
5-9	0.999919	0.999931		13	18					
10-14	0.999828	0.999880		13	-2					
15-19	0.999457	0.999689	0.0620	-7	0	11	12	12	12	10
20-24	0.999036	0.999418	0.3697	-40	-50	35	67	71	74	70
25-29	0.998868	0.999579	0.6488	-5	-5	58	29	84	92	97
30-34	0.998687	0.999520	0.6206	15	15	81	53	25	78	85
35-39	0.998757	0.999240	0.2673	8	8	35	39	27	15	37
40-44	0.998077	0.998940	0.0489	15	10	6	7	7	5	3
45-49	0.997526	0.998567	0.0033	-12	3	0	0	0	1	0
50-54	0.996162	0.997438		3	3					
55-59	0.994412	0.996295		3	0					
60-64	0.990746	0.994351		-9	-2					
65-69	0.986250	0.990957		-2	-7					
70+	0.948021	0.954656		-15	-33					
TOTAL				34	-3	227	206	227	276	304
TOTAL				30						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **RAYMOND**

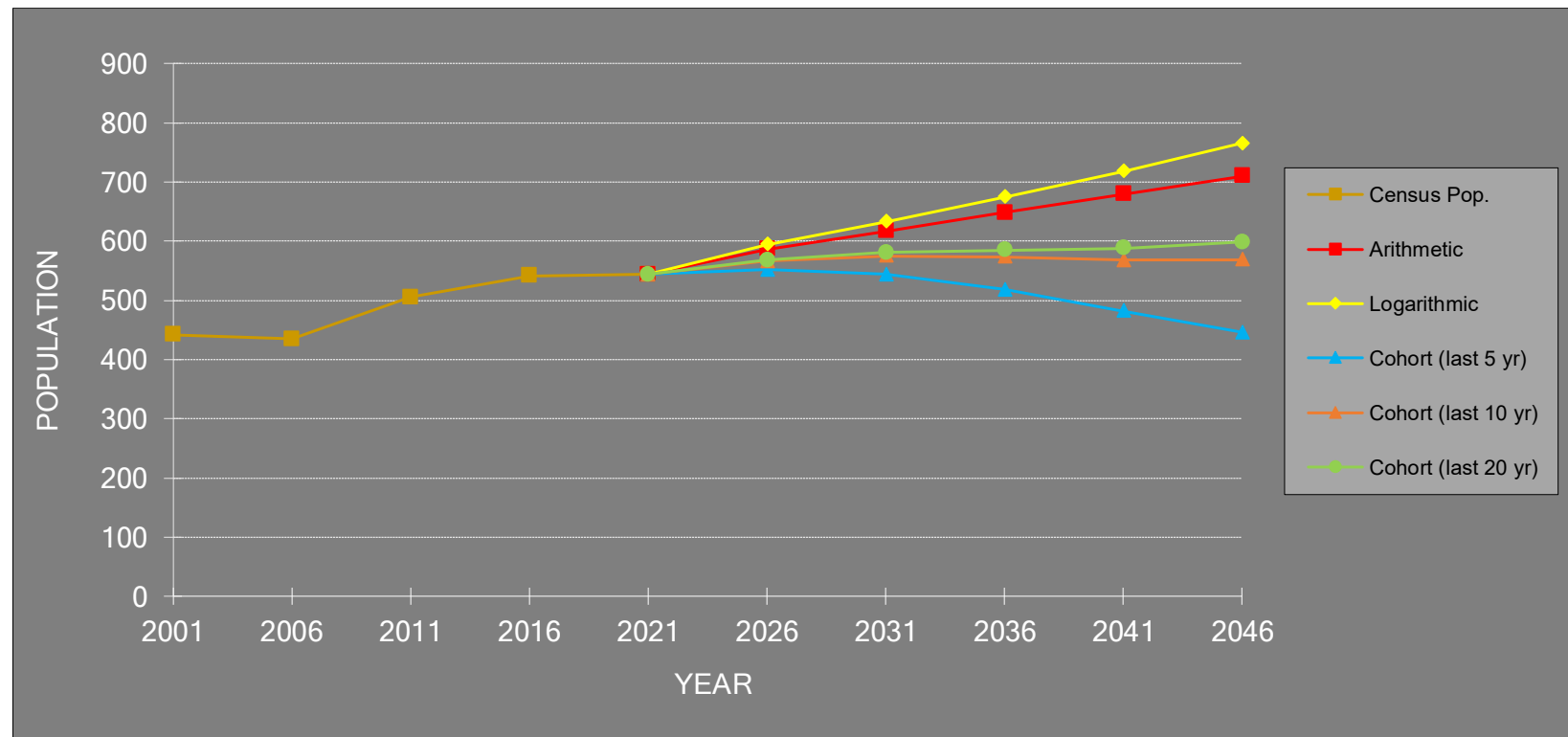
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	160	135	116	111	107	102	118	113	145	139	165	159
5-9	195	185	225	188	181	164	172	155	183	166	210	192
10-14	230	195	210	208	240	210	196	186	187	178	198	189
15-19	155	180	242	200	223	213	253	215	208	191	199	183
20-24	110	95	145	175	232	195	213	208	242	210	198	186
25-29	100	90	67	45	102	125	190	145	170	158	200	160
30-34	125	130	92	90	60	45	95	125	182	145	162	157
35-39	135	130	144	150	111	110	79	65	114	145	201	165
40-44	125	130	139	131	147	151	115	111	83	66	117	146
45-49	100	100	137	140	151	141	160	161	127	121	95	76
50-54	80	95	99	104	136	144	150	145	158	165	126	125
55-59	80	115	81	105	100	114	137	153	150	155	159	174
60-64	120	105	86	120	87	110	106	118	143	158	156	159
65-69	95	125	122	105	88	120	90	110	108	118	144	158
70+	275	295	319	360	388	402	420	456	452	498	500	547
TOTAL	2090	2110	2225	2230	2354	2344	2491	2467	2652	2613	2831	2776
TOTAL	4199		4456		4698		4957		5265		5608	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		65	53					
5-9	0.999919	0.999931		15	23					
10-14	0.999828	0.999880		13	5					
15-19	0.999457	0.999689	0.0620	-10	-5	11	12	13	13	12
20-24	0.999036	0.999418	0.3697	-42	-50	35	65	72	77	78
25-29	0.998868	0.999579	0.6488	-7	0	58	29	81	94	102
30-34	0.998687	0.999520	0.6206	19	20	81	56	28	78	90
35-39	0.998757	0.999240	0.2673	4	1	35	40	29	17	39
40-44	0.998077	0.998940	0.0489	13	10	6	6	7	5	3
45-49	0.997526	0.998567	0.0033	-1	4	0	0	0	1	0
50-54	0.996162	0.997438		1	10					
55-59	0.994412	0.996295		7	5					
60-64	0.990746	0.994351		3	0					
65-69	0.986250	0.990957		-5	-4					
70+	0.948021	0.954656		-29	-41					
TOTAL				44	31	227	209	232	285	324
TOTAL				74						

* Migration Period: 20-year average (2001 – 2021)

STAVELY

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	442					
2006	435					
2011	505					
2016	541					
2021	544	544	544	544	544	544
2026		586	594	552	566	568
2031		617	633	544	575	581
2036		648	674	518	573	585
2041		679	718	482	568	588
2046		710	765	446	569	598



Municipality: STAVELY

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	10	15	15	8	8	0	0	-5	-5	-4	-4
5-9	15	15	4	5	9	9	3	3	-6	-5	-11	-10
10-14	15	5	20	20	9	10	14	14	8	8	-1	0
15-19	10	10	10	0	15	15	4	5	9	9	3	3
20-24	10	5	10	0	10	-10	15	5	4	-5	9	-1
25-29	10	15	10	0	10	-5	10	-15	15	0	4	-10
30-34	15	10	10	20	10	5	10	0	10	-10	15	5
35-39	15	20	15	10	10	20	10	5	10	0	10	-10
40-44	20	5	20	20	20	10	15	20	15	5	15	0
45-49	15	15	30	5	30	20	30	10	25	20	25	5
50-54	15	10	15	15	30	5	30	20	30	10	25	20
55-59	20	25	20	10	20	15	35	5	35	20	35	10
60-64	30	30	20	20	20	5	20	10	35	0	35	15
65-69	35	25	30	35	20	25	20	10	20	15	35	5
70+	55	55	80	69	98	92	105	105	113	102	119	104
TOTAL	275	270	309	243	320	225	321	197	317	164	314	132
TOTAL	544		552		544		518		482		446	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-6	-5					
5-9	0.999919	0.999931		5	5					
10-14	0.999828	0.999880		-5	-5					
15-19	0.999457	0.999689	0.1017	0	-10	1	0	2	0	1
20-24	0.999036	0.999418	0.5237	0	-5	3	0	-5	3	-3
25-29	0.998868	0.999579	0.9853	0	5	15	0	-5	-15	0
30-34	0.998687	0.999520	0.6492	0	0	6	13	3	0	-6
35-39	0.998757	0.999240	0.2433	5	0	5	2	5	1	0
40-44	0.998077	0.998940	0.0511	10	0	0	1	1	1	0
45-49	0.997526	0.998567	0.0018	0	0	0	0	0	0	0
50-54	0.996162	0.997438		5	0					
55-59	0.994412	0.996295		0	-5					
60-64	0.990746	0.994351		0	5					
65-69	0.986250	0.990957		5	0					
70+	0.948021	0.954656		-12	-8					
TOTAL				7	-23	30	16	0	-9	-8
TOTAL				-16						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **STAVELY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	10	15	15	10	9	5	5	4	4	8	7
5-9	15	15	5	6	10	10	5	5	0	1	0	0
10-14	15	5	23	20	13	11	18	15	12	10	8	6
15-19	10	10	15	5	23	20	13	11	18	15	12	10
20-24	10	5	10	5	15	0	22	15	13	6	18	10
25-29	10	15	7	0	7	0	12	-5	20	10	10	1
30-34	15	10	8	17	5	3	5	3	10	-2	17	12
35-39	15	20	12	15	5	22	3	8	3	8	7	3
40-44	20	5	15	17	12	12	5	20	3	5	3	5
45-49	15	15	27	5	22	17	20	12	13	20	10	5
50-54	15	10	15	17	27	8	22	20	20	15	13	22
55-59	20	25	15	15	15	22	27	13	22	25	20	20
60-64	30	30	22	22	17	13	17	20	30	10	25	22
65-69	35	25	35	35	27	27	22	18	22	25	35	15
70+	55	55	79	67	102	87	117	100	125	102	134	111
TOTAL	275	270	305	262	312	263	314	258	315	253	319	250
TOTAL	544		566		575		573		568		569	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-5	-4					
5-9	0.999919	0.999931		8	5					
10-14	0.999828	0.999880		0	0					
15-19	0.999457	0.999689	0.1017	0	-5	1	1	2	1	2
20-24	0.999036	0.999418	0.5237	-2	-5	3	3	0	8	3
25-29	0.998868	0.999579	0.9853	-2	3	15	0	0	-5	10
30-34	0.998687	0.999520	0.6492	-2	5	6	11	2	2	-2
35-39	0.998757	0.999240	0.2433	0	-2	5	4	5	2	2
40-44	0.998077	0.998940	0.0511	8	0	0	1	1	1	0
45-49	0.997526	0.998567	0.0018	0	3	0	0	0	0	0
50-54	0.996162	0.997438		0	5					
55-59	0.994412	0.996295		3	-2					
60-64	0.990746	0.994351		5	5					
65-69	0.986250	0.990957		5	3					
70+	0.948021	0.954656		-13	-13					
TOTAL				3	-5	30	19	10	9	15
TOTAL				-2						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **STAVELY**

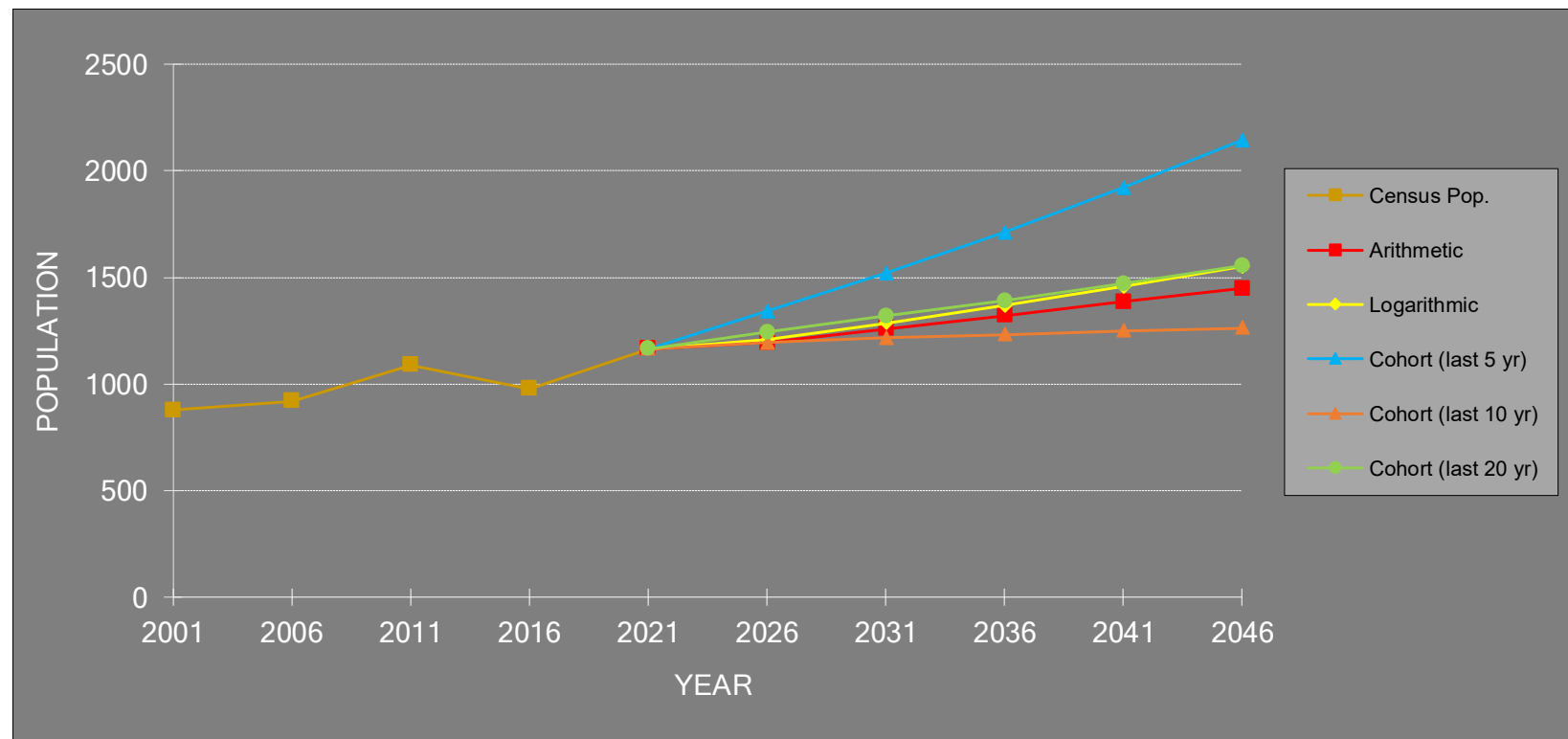
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	10	15	15	10	10	7	7	7	7	10	10
5-9	15	15	6	4	12	9	7	4	3	1	3	1
10-14	15	5	18	20	9	9	14	14	9	9	6	6
15-19	10	10	14	5	16	20	8	9	13	14	8	9
20-24	10	5	14	7	17	3	20	18	11	7	17	12
25-29	10	15	10	1	14	4	17	-1	20	14	11	3
30-34	15	10	10	16	10	3	14	5	17	0	20	15
35-39	15	20	15	11	10	17	10	4	14	6	17	1
40-44	20	5	15	21	15	12	10	19	10	5	14	8
45-49	15	15	22	4	17	20	17	11	12	17	12	4
50-54	15	10	21	15	29	4	24	20	24	11	19	17
55-59	20	25	15	17	21	22	29	11	24	27	24	19
60-64	30	30	24	27	19	20	25	25	32	14	27	30
65-69	35	25	32	32	26	30	21	22	27	27	35	16
70+	55	55	77	63	94	78	105	89	111	93	122	101
TOTAL	275	270	308	261	320	261	328	257	335	253	345	253
TOTAL	544		568		581		585		588		598	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-4	-6					
5-9	0.999919	0.999931		3	5					
10-14	0.999828	0.999880		-1	0					
15-19	0.999457	0.999689	0.1017	4	-2	1	1	2	1	1
20-24	0.999036	0.999418	0.5237	0	-4	3	4	1	9	4
25-29	0.998868	0.999579	0.9853	0	1	15	1	4	-1	14
30-34	0.998687	0.999520	0.6492	0	1	6	11	2	3	0
35-39	0.998757	0.999240	0.2433	0	1	5	3	4	1	2
40-44	0.998077	0.998940	0.0511	3	-1	0	1	1	1	0
45-49	0.997526	0.998567	0.0018	6	0	0	0	0	0	0
50-54	0.996162	0.997438		0	8					
55-59	0.994412	0.996295		4	3					
60-64	0.990746	0.994351		3	3					
65-69	0.986250	0.990957		5	3					
70+	0.948021	0.954656		-15	-17					
TOTAL				7	-6	30	20	14	14	20
TOTAL				0						

* Migration Period: 20-year average (2001 – 2021)

STIRLING

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	877					
2006	921					
2011	1090					
2016	978					
2021	1164	1164	1164	1164	1164	1164
2026		1195	1207	1341	1194	1244
2031		1258	1285	1520	1216	1318
2036		1322	1368	1711	1233	1391
2041		1385	1457	1921	1250	1471
2046		1448	1551	2144	1263	1556



Municipality: **STIRLING**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	40	33	32	36	35	43	41	53	51	61	58
5-9	65	45	83	54	61	46	64	49	71	55	81	65
10-14	65	50	85	55	103	64	81	56	84	59	91	65
15-19	55	55	75	55	95	60	113	69	91	61	94	64
20-24	35	30	55	65	75	65	95	70	113	79	91	71
25-29	25	25	20	10	40	45	60	45	80	50	98	59
30-34	30	40	30	35	25	20	45	55	65	55	85	60
35-39	30	30	45	50	45	45	40	30	60	65	80	65
40-44	45	40	35	35	50	55	50	50	45	35	65	70
45-49	45	30	60	50	50	45	65	65	65	60	60	45
50-54	20	40	50	30	65	50	55	45	70	65	70	60
55-59	25	25	15	50	45	40	60	60	50	55	65	75
60-64	30	25	25	20	15	45	45	35	59	55	50	50
65-69	30	25	30	20	25	15	15	40	44	30	59	50
70+	50	60	74	64	97	64	114	58	121	77	155	85
TOTAL	605	560	715	625	827	693	944	767	1070	851	1203	941
TOTAL	1164		1341		1520		1711		1921		2144	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		28	14					
5-9	0.999919	0.999931		20	10					
10-14	0.999828	0.999880		10	5					
15-19	0.999457	0.999689	0.0620	0	10	3	3	4	4	4
20-24	0.999036	0.999418	0.3697	-15	-20	11	24	24	26	29
25-29	0.998868	0.999579	0.6488	5	10	16	6	29	29	32
30-34	0.998687	0.999520	0.6206	15	10	25	22	12	34	34
35-39	0.998757	0.999240	0.2673	5	5	8	13	12	8	17
40-44	0.998077	0.998940	0.0489	15	10	2	2	3	2	2
45-49	0.997526	0.998567	0.0033	5	0	0	0	0	0	0
50-54	0.996162	0.997438		-5	10					
55-59	0.994412	0.996295		0	-5					
60-64	0.990746	0.994351		0	-5					
65-69	0.986250	0.990957		5	-5					
70+	0.948021	0.954656		-8	-13					
TOTAL				81	37	66	71	84	104	119
TOTAL				118						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **STIRLING**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	40	33	32	30	29	29	28	29	28	28	27
5-9	65	45	74	48	53	40	50	37	48	36	48	36
10-14	65	50	75	48	84	51	63	43	60	40	58	38
15-19	55	55	65	45	75	43	84	46	63	38	60	35
20-24	35	30	50	50	60	40	70	38	79	41	58	33
25-29	25	25	15	7	30	27	40	17	50	15	59	18
30-34	30	40	20	33	10	15	25	35	35	25	45	23
35-39	30	30	40	45	30	37	20	20	35	40	45	30
40-44	45	40	32	27	42	42	32	35	23	18	37	37
45-49	45	30	50	37	37	25	47	40	37	32	28	15
50-54	20	40	45	27	50	35	37	22	47	37	37	30
55-59	25	25	15	45	40	32	45	40	32	27	42	42
60-64	30	25	22	22	13	42	37	30	42	37	30	25
65-69	30	25	30	22	22	20	13	40	37	27	42	35
70+	50	60	65	71	78	80	84	85	80	110	100	122
TOTAL	605	560	632	562	656	560	677	556	698	552	717	546
TOTAL	1164		1194		1216		1233		1250		1263	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		19	8					
5-9	0.999919	0.999931		10	3					
10-14	0.999828	0.999880		0	-5					
15-19	0.999457	0.999689	0.0620	-5	-5	3	3	3	3	2
20-24	0.999036	0.999418	0.3697	-20	-22	11	18	15	14	15
25-29	0.998868	0.999579	0.6488	-5	8	16	5	18	11	10
30-34	0.998687	0.999520	0.6206	10	5	25	20	9	22	16
35-39	0.998757	0.999240	0.2673	3	-2	8	12	10	5	11
40-44	0.998077	0.998940	0.0489	5	-2	2	1	2	2	1
45-49	0.997526	0.998567	0.0033	0	-2	0	0	0	0	0
50-54	0.996162	0.997438		-5	5					
55-59	0.994412	0.996295		-2	-2					
60-64	0.990746	0.994351		0	-2					
65-69	0.986250	0.990957		3	-2					
70+	0.948021	0.954656		-15	-8					
TOTAL				-2	-27	66	60	57	57	54
TOTAL				-29						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **STIRLING**

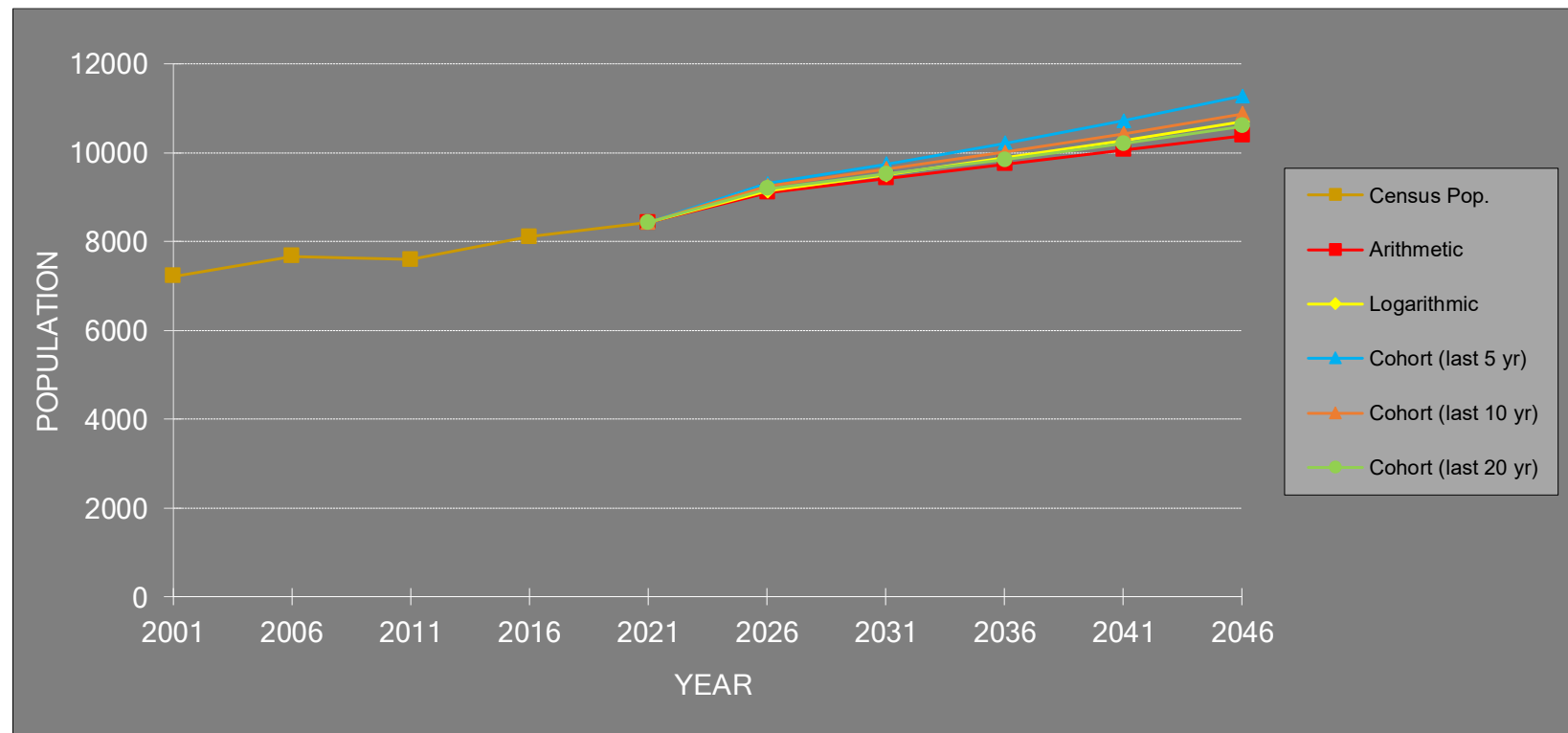
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	40	33	32	32	30	32	31	36	35	40	38
5-9	65	45	77	54	55	47	54	45	54	45	58	49
10-14	65	50	75	53	87	62	66	54	64	52	64	53
15-19	55	55	64	54	74	56	86	66	64	58	62	56
20-24	35	30	51	47	60	46	70	49	82	58	60	50
25-29	25	25	15	11	31	29	40	27	50	30	62	39
30-34	30	40	22	31	12	18	29	35	37	34	47	36
35-39	30	30	39	47	31	39	21	25	37	42	46	41
40-44	45	40	35	34	44	51	36	42	26	29	42	46
45-49	45	30	47	37	37	31	46	49	39	40	29	26
50-54	20	40	44	29	46	36	36	30	45	47	37	39
55-59	25	25	19	45	42	34	45	41	35	35	44	52
60-64	30	25	25	27	19	47	42	36	45	44	35	37
65-69	30	25	29	22	24	25	17	45	41	34	43	41
70+	50	60	70	74	88	84	100	97	105	128	133	147
TOTAL	605	560	645	599	683	635	720	671	760	711	804	752
TOTAL	1164		1244		1318		1391		1471		1556	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		22	14					
5-9	0.999919	0.999931		10	8					
10-14	0.999828	0.999880		-1	4					
15-19	0.999457	0.999689	0.0620	-4	-7	3	3	3	4	4
20-24	0.999036	0.999418	0.3697	-20	-19	11	18	17	18	22
25-29	0.998868	0.999579	0.6488	-2	6	16	7	19	18	19
30-34	0.998687	0.999520	0.6206	9	8	25	19	11	22	21
35-39	0.998757	0.999240	0.2673	5	4	8	13	10	7	11
40-44	0.998077	0.998940	0.0489	3	-2	2	2	3	2	1
45-49	0.997526	0.998567	0.0033	-1	-1	0	0	0	0	0
50-54	0.996162	0.997438		-1	5					
55-59	0.994412	0.996295		0	3					
60-64	0.990746	0.994351		-1	-2					
65-69	0.986250	0.990957		1	0					
70+	0.948021	0.954656		-8	-9					
TOTAL				11	10	66	62	63	71	78
TOTAL				21						

* Migration Period: 20-year average (2001 – 2021)

TABER

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	7214					
2006	7671					
2011	7591					
2016	8104					
2021	8428	8428	8428	8428	8428	8428
2026		9097	9134	9300	9249	9191
2031		9419	9500	9745	9630	9513
2036		9741	9881	10209	10013	9840
2041		10063	10278	10716	10422	10197
2046		10385	10690	11273	10871	10593



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **TABER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	305	305	289	278	292	281	306	294	333	320	361	347
5-9	315	340	333	344	317	317	321	320	334	333	361	359
10-14	365	335	325	360	343	364	328	337	331	340	344	353
15-19	295	300	390	355	350	380	368	384	353	357	356	360
20-24	300	285	315	305	410	360	370	385	388	389	373	362
25-29	280	270	295	255	310	275	405	330	365	355	383	359
30-34	300	285	280	285	295	270	310	290	404	345	365	370
35-39	290	285	340	305	320	305	335	290	350	310	444	365
40-44	275	305	285	295	335	315	315	315	330	300	345	320
45-49	250	235	285	335	295	325	345	345	325	345	339	330
50-54	225	235	240	220	275	320	285	310	334	330	314	330
55-59	290	300	215	245	230	230	264	329	274	319	323	339
60-64	240	250	285	305	210	250	224	235	259	334	269	324
65-69	200	210	219	240	263	294	189	239	204	224	238	323
70+	440	545	494	584	564	651	674	769	706	827	750	867
TOTAL	4380	4480	4590	4710	4809	4936	5038	5171	5289	5428	5565	5708
TOTAL	8862		9300		9745		10209		10716		11273	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		28	39					
5-9	0.999919	0.999931		10	20					
10-14	0.999828	0.999880		25	20					
15-19	0.999457	0.999689	0.0620	20	5	19	22	24	24	22
20-24	0.999036	0.999418	0.3697	-5	-30	105	113	133	142	144
25-29	0.998868	0.999579	0.6488	0	15	175	165	178	214	230
30-34	0.998687	0.999520	0.6206	40	20	177	177	168	180	214
35-39	0.998757	0.999240	0.2673	-5	10	76	82	82	78	83
40-44	0.998077	0.998940	0.0489	10	30	15	14	15	15	15
45-49	0.997526	0.998567	0.0033	-10	-15	1	1	1	1	1
50-54	0.996162	0.997438		-9	10					
55-59	0.994412	0.996295		-4	6					
60-64	0.990746	0.994351		-19	-9					
65-69	0.986250	0.990957		-13	-14					
70+	0.948021	0.954656		-107	-130					
TOTAL				-36	-21	568	574	601	654	709
TOTAL				-58						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **TABER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	305	305	289	278	286	275	291	280	311	299	335	321
5-9	315	340	336	354	320	327	317	324	322	329	342	348
10-14	365	335	323	355	344	369	328	342	325	339	330	344
15-19	295	300	387	345	345	365	366	379	350	352	347	349
20-24	300	285	312	297	405	342	363	363	383	377	368	350
25-29	280	270	285	242	297	255	390	300	348	320	368	334
30-34	300	285	287	290	292	262	305	275	397	320	355	340
35-39	290	285	325	290	312	295	317	267	330	280	422	325
40-44	275	305	280	295	315	300	302	305	307	277	320	290
45-49	250	235	280	327	285	317	320	322	307	327	312	300
50-54	225	235	240	227	270	320	275	310	309	315	297	320
55-59	290	300	225	227	240	220	269	312	274	302	309	307
60-64	240	250	284	300	220	227	234	220	264	311	269	301
65-69	200	210	214	235	258	284	194	212	209	204	238	295
70+	440	545	522	596	613	669	743	788	803	830	875	862
TOTAL	4380	4480	4590	4659	4802	4828	5014	4998	5239	5182	5484	5387
TOTAL	8862		9249		9630		10013		10422		10871	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		31	49					
5-9	0.999919	0.999931		8	15					
10-14	0.999828	0.999880		23	10					
15-19	0.999457	0.999689	0.0620	18	-2	19	21	23	24	22
20-24	0.999036	0.999418	0.3697	-15	-42	105	110	127	134	139
25-29	0.998868	0.999579	0.6488	8	20	175	157	165	195	208
30-34	0.998687	0.999520	0.6206	25	5	177	180	163	171	198
35-39	0.998757	0.999240	0.2673	-10	10	76	78	79	71	75
40-44	0.998077	0.998940	0.0489	5	23	15	14	15	15	14
45-49	0.997526	0.998567	0.0033	-10	-7	1	1	1	1	1
50-54	0.996162	0.997438		1	-7					
55-59	0.994412	0.996295		-4	1					
60-64	0.990746	0.994351		-24	-14					
65-69	0.986250	0.990957		-13	-11					
70+	0.948021	0.954656		-80	-121					
TOTAL				-36	-72	568	562	572	610	657
TOTAL				-108						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **TABER**

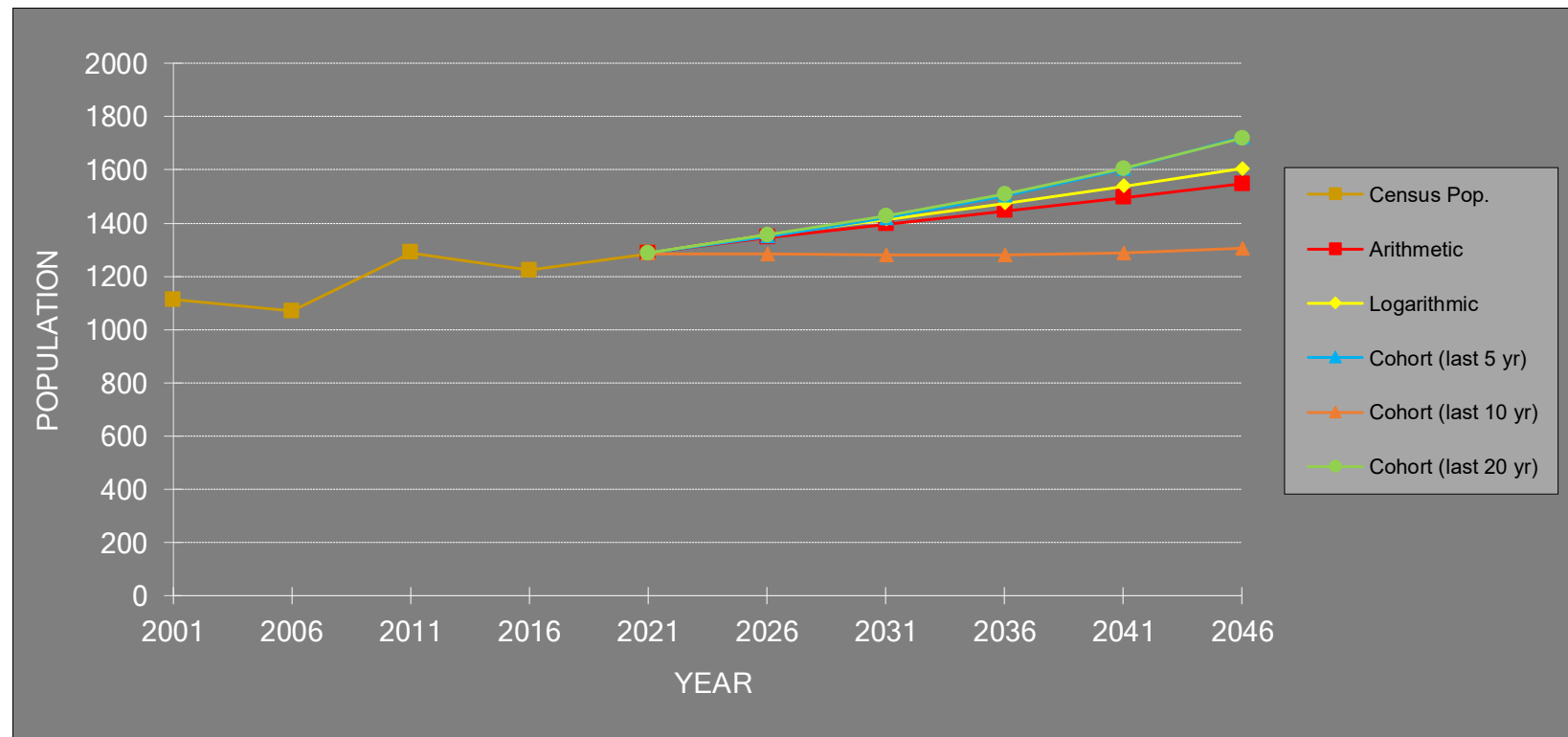
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	305	305	289	278	286	275	293	282	315	303	339	326
5-9	315	340	341	345	325	318	322	315	330	322	351	343
10-14	365	335	308	355	334	361	318	334	315	330	322	338
15-19	295	300	377	349	320	369	346	374	331	347	327	344
20-24	300	285	295	301	377	350	320	370	346	376	331	349
25-29	280	270	275	245	270	261	352	310	295	330	321	335
30-34	300	285	272	288	267	262	262	279	344	327	287	348
35-39	290	285	310	284	282	286	277	261	272	277	354	326
40-44	275	305	286	287	306	286	279	289	274	264	268	280
45-49	250	235	280	322	291	305	311	304	283	306	278	281
50-54	225	235	239	225	268	312	280	295	299	293	272	296
55-59	290	300	224	235	237	225	267	312	278	294	298	293
60-64	240	250	288	306	222	241	236	231	265	317	276	300
65-69	200	210	221	242	269	297	204	233	217	223	246	309
70+	440	545	520	603	618	690	757	828	825	896	902	951
TOTAL	4380	4480	4526	4665	4674	4839	4824	5015	4990	5207	5175	5418
TOTAL	8862		9191		9513		9840		10197		10593	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		37	41					
5-9	0.999919	0.999931		-7	15					
10-14	0.999828	0.999880		13	14					
15-19	0.999457	0.999689	0.0620	0	1	19	22	23	23	22
20-24	0.999036	0.999418	0.3697	-25	-40	105	111	129	137	139
25-29	0.998868	0.999579	0.6488	-7	18	175	159	169	201	214
30-34	0.998687	0.999520	0.6206	10	-1	177	178	163	173	203
35-39	0.998757	0.999240	0.2673	-3	3	76	76	77	70	74
40-44	0.998077	0.998940	0.0489	5	18	15	14	14	14	13
45-49	0.997526	0.998567	0.0033	-11	-10	1	1	1	1	1
50-54	0.996162	0.997438		-1	0					
55-59	0.994412	0.996295		0	7					
60-64	0.990746	0.994351		-16	-7					
65-69	0.986250	0.990957		-7	-5					
70+	0.948021	0.954656		-87	-120					
TOTAL				-100	-66	568	561	576	619	666
TOTAL				-166						

* Migration Period: 20-year average (2001 – 2021)

VAUXHALL

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	1112					
2006	1069					
2011	1288					
2016	1222					
2021	1286	1286	1286	1286	1286	1286
2026		1346	1354	1350	1284	1355
2031		1396	1413	1419	1279	1426
2036		1446	1474	1502	1279	1508
2041		1496	1538	1602	1287	1604
2046		1546	1604	1721	1304	1718



Municipality: **VAUXHALL**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	60	45	43	49	47	57	55	66	63	75	72
5-9	65	65	70	81	60	64	64	69	72	76	81	85
10-14	60	70	65	65	70	82	60	64	64	69	72	76
15-19	55	50	50	75	55	70	60	87	50	69	54	74
20-24	50	50	50	50	45	75	50	70	55	87	45	69
25-29	35	40	55	50	55	50	50	75	55	70	60	86
30-34	40	45	35	40	55	50	55	50	50	75	55	70
35-39	35	40	40	55	35	50	55	60	55	60	50	85
40-44	30	30	35	35	40	50	35	45	55	55	55	55
45-49	30	35	35	30	40	35	45	50	40	45	60	55
50-54	30	20	40	30	45	25	50	30	55	45	50	40
55-59	30	40	20	10	30	20	35	15	40	20	45	35
60-64	45	35	30	45	20	15	30	25	35	20	40	25
65-69	35	30	45	45	30	55	20	25	30	35	35	30
70+	35	50	40	41	55	47	55	63	44	48	44	44
TOTAL	640	650	655	695	684	735	720	782	765	837	819	901
TOTAL	1286		1350		1419		1502		1602		1721	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		15	22					
5-9	0.999919	0.999931		0	0					
10-14	0.999828	0.999880		-10	5					
15-19	0.999457	0.999689	0.0620	-5	0	3	5	4	5	4
20-24	0.999036	0.999418	0.3697	5	0	18	18	28	26	32
25-29	0.998868	0.999579	0.6488	0	0	26	32	32	49	45
30-34	0.998687	0.999520	0.6206	0	10	28	25	31	31	47
35-39	0.998757	0.999240	0.2673	0	-5	11	15	13	16	16
40-44	0.998077	0.998940	0.0489	5	0	1	2	2	2	3
45-49	0.997526	0.998567	0.0033	10	-5	0	0	0	0	0
50-54	0.996162	0.997438		-10	-10					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		0	10					
65-69	0.986250	0.990957		-5	-5					
70+	0.948021	0.954656		-23	-32					
TOTAL				-17	-5	88	97	111	129	147
TOTAL				-21						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **VAUXHALL**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	60	45	43	45	44	49	47	53	51	57	55
5-9	65	65	73	82	63	65	64	66	67	69	71	73
10-14	60	70	55	63	63	80	53	63	54	64	57	67
15-19	55	50	47	62	43	55	51	72	41	55	41	56
20-24	50	50	47	50	40	62	35	55	43	72	33	55
25-29	35	40	42	47	40	47	32	60	28	53	36	70
30-34	40	45	37	35	45	42	42	42	35	55	30	48
35-39	35	40	30	47	27	38	35	45	32	45	25	57
40-44	30	30	28	32	23	40	20	30	27	37	25	37
45-49	30	35	27	37	25	40	20	47	18	37	25	45
50-54	30	20	40	30	37	32	35	35	30	42	28	32
55-59	30	40	22	12	32	22	30	25	27	27	22	35
60-64	45	35	25	37	18	10	27	20	25	22	22	25
65-69	35	30	45	42	25	45	18	18	27	27	25	30
70+	35	50	43	53	60	68	57	85	46	75	46	74
TOTAL	640	650	608	676	587	692	568	711	553	733	544	760
TOTAL	1286		1284		1279		1279		1287		1304	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		18	22					
5-9	0.999919	0.999931		-10	-2					
10-14	0.999828	0.999880		-12	-7					
15-19	0.999457	0.999689	0.0620	-7	0	3	4	3	4	3
20-24	0.999036	0.999418	0.3697	-7	-2	18	18	23	20	27
25-29	0.998868	0.999579	0.6488	3	-5	26	31	31	39	34
30-34	0.998687	0.999520	0.6206	-10	3	28	22	26	26	34
35-39	0.998757	0.999240	0.2673	-7	-7	11	13	10	12	12
40-44	0.998077	0.998940	0.0489	-2	8	1	2	2	1	2
45-49	0.997526	0.998567	0.0033	10	-5	0	0	0	0	0
50-54	0.996162	0.997438		-7	-7					
55-59	0.994412	0.996295		-5	-2					
60-64	0.990746	0.994351		0	8					
65-69	0.986250	0.990957		-2	-5					
70+	0.948021	0.954656		-23	-19					
TOTAL				-63	-24	88	89	96	104	112
TOTAL				-87						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **VAUXHALL**

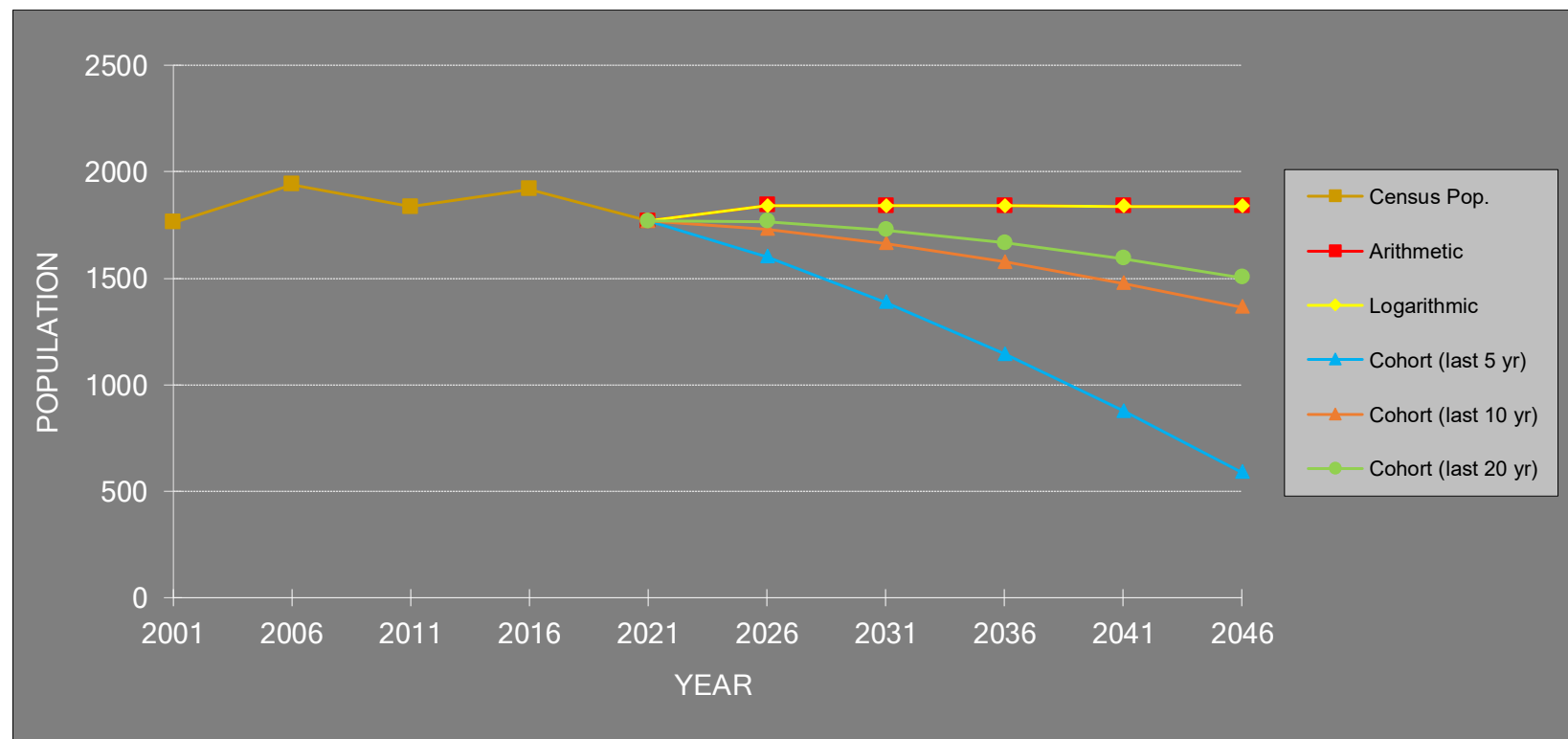
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	55	60	45	43	48	46	54	52	62	59	71	68
5-9	65	65	85	84	74	67	78	70	84	75	91	83
10-14	60	70	63	70	82	89	72	72	75	75	81	81
15-19	55	50	54	69	56	69	76	87	66	70	69	74
20-24	50	50	54	50	52	69	55	69	75	87	64	70
25-29	35	40	44	47	47	47	46	66	49	66	68	85
30-34	40	45	36	43	45	50	49	50	47	69	50	69
35-39	35	40	37	49	34	46	42	54	46	54	45	72
40-44	30	30	34	35	36	44	32	41	41	49	45	49
45-49	30	35	25	35	29	40	31	49	27	46	36	54
50-54	30	20	34	30	29	30	32	35	35	44	31	41
55-59	30	40	30	19	34	29	29	29	32	34	35	42
60-64	45	35	26	36	26	15	30	25	25	25	29	30
65-69	35	30	42	39	24	40	24	19	27	29	22	29
70+	35	50	44	55	60	69	57	83	54	76	54	79
TOTAL	640	650	652	703	677	749	707	800	746	858	793	925
TOTAL	1286		1355		1426		1508		1604		1718	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		30	24					
5-9	0.999919	0.999931		-2	5					
10-14	0.999828	0.999880		-6	-1					
15-19	0.999457	0.999689	0.0620	-1	0	3	4	4	5	4
20-24	0.999036	0.999418	0.3697	-6	-2	18	18	25	25	32
25-29	0.998868	0.999579	0.6488	1	3	26	31	31	43	43
30-34	0.998687	0.999520	0.6206	-2	4	28	26	31	31	43
35-39	0.998757	0.999240	0.2673	-1	-5	11	13	12	14	14
40-44	0.998077	0.998940	0.0489	-5	5	1	2	2	2	2
45-49	0.997526	0.998567	0.0033	4	-5	0	0	0	0	0
50-54	0.996162	0.997438		0	-1					
55-59	0.994412	0.996295		-4	-4					
60-64	0.990746	0.994351		-2	4					
65-69	0.986250	0.990957		-3	-5					
70+	0.948021	0.954656		-20	-17					
TOTAL				-19	3	88	95	106	121	139
TOTAL				-16						

* Migration Period: 20-year average (2001 – 2021)

VULCAN

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	1762					
2006	1940					
2011	1836					
2016	1917					
2021	1769	1769	1769	1769	1769	1769
2026		1842	1841	1601	1732	1766
2031		1841	1840	1388	1663	1727
2036		1840	1840	1145	1577	1667
2041		1839	1839	878	1478	1592
2046		1839	1838	590	1366	1504



Municipality: **VULCAN**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	25	25	38	36	21	20	6	6	-6	-6	-18	-18
5-9	50	25	8	9	21	21	3	4	-11	-10	-24	-22
10-14	35	25	50	15	8	-1	21	11	4	-6	-11	-20
15-19	40	35	35	20	50	10	8	-6	21	6	4	-11
20-24	40	30	35	30	30	15	45	5	3	-11	16	1
25-29	40	30	20	0	15	0	10	-15	25	-25	-17	-41
30-34	25	45	50	25	30	-5	25	-5	20	-20	35	-30
35-39	40	30	10	50	35	30	15	0	10	0	5	-15
40-44	20	45	30	25	0	45	25	25	5	-5	0	-5
45-49	45	50	10	45	20	25	-10	45	15	25	-5	-5
50-54	35	35	40	55	5	50	15	30	-15	50	10	30
55-59	45	65	25	20	30	40	-5	35	5	15	-25	35
60-64	60	65	35	65	15	20	20	40	-15	35	-5	15
65-69	85	115	45	60	20	60	0	15	5	35	-29	30
70+	255	315	318	398	337	422	332	445	307	423	288	421
TOTAL	840	930	748	853	637	752	510	635	372	506	224	367
TOTAL	1769		1601		1388		1145		878		590	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-17	-16					
5-9	0.999919	0.999931		0	-10					
10-14	0.999828	0.999880		0	-5					
15-19	0.999457	0.999689	0.0612	-5	-5	2	1	1	0	0
20-24	0.999036	0.999418	0.3801	-20	-30	11	11	6	2	-4
25-29	0.998868	0.999579	0.8009	10	-5	24	0	0	-12	-20
30-34	0.998687	0.999520	0.6208	-15	5	28	16	-3	-3	-12
35-39	0.998757	0.999240	0.2312	-10	-5	7	12	7	0	0
40-44	0.998077	0.998940	0.0394	-10	0	2	1	2	1	0
45-49	0.997526	0.998567	0.0016	-5	5	0	0	0	0	0
50-54	0.996162	0.997438		-10	-15					
55-59	0.994412	0.996295		-10	0					
60-64	0.990746	0.994351		-15	-5					
65-69	0.986250	0.990957		6	11					
70+	0.948021	0.954656		-14	-28					
TOTAL				-114	-102	74	41	12	-12	-36
TOTAL				-216						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **VULCAN**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	25	25	38	36	27	26	20	19	14	13	7	7
5-9	50	25	24	18	36	29	26	19	18	12	12	6
10-14	35	25	50	18	24	10	37	22	26	11	18	4
15-19	40	35	30	25	45	18	19	10	32	22	21	11
20-24	40	30	37	40	27	30	43	23	16	15	29	27
25-29	40	30	22	3	20	12	10	2	25	-5	-1	-12
30-34	25	45	42	35	25	8	22	18	13	8	28	0
35-39	40	30	30	50	47	40	30	13	28	23	18	13
40-44	20	45	37	35	28	55	45	45	28	18	25	28
45-49	45	50	18	42	35	32	25	52	42	42	25	15
50-54	35	35	47	52	20	45	37	35	28	55	45	45
55-59	45	65	27	30	40	47	13	40	30	30	20	50
60-64	60	65	42	70	25	35	37	52	10	45	28	35
65-69	85	115	60	77	42	82	25	48	37	65	11	57
70+	255	315	307	387	332	419	338	453	327	452	329	469
TOTAL	840	930	814	918	774	889	727	850	673	805	613	753
TOTAL	1769		1732		1663		1577		1478		1366	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-1	-7					
5-9	0.999919	0.999931		0	-7					
10-14	0.999828	0.999880		-5	0					
15-19	0.999457	0.999689	0.0612	-2	5	2	2	1	1	1
20-24	0.999036	0.999418	0.3801	-17	-27	11	15	11	9	6
25-29	0.998868	0.999579	0.8009	3	5	24	2	10	2	-4
30-34	0.998687	0.999520	0.6208	5	5	28	22	5	11	5
35-39	0.998757	0.999240	0.2312	-2	5	7	12	9	3	5
40-44	0.998077	0.998940	0.0394	-2	-2	2	1	2	2	1
45-49	0.997526	0.998567	0.0016	3	3	0	0	0	0	0
50-54	0.996162	0.997438		-7	-5					
55-59	0.994412	0.996295		-2	5					
60-64	0.990746	0.994351		0	13					
65-69	0.986250	0.990957		16	8					
70+	0.948021	0.954656		-34	-36					
TOTAL				-49	-37	74	53	39	27	14
TOTAL				-85						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **VULCAN**

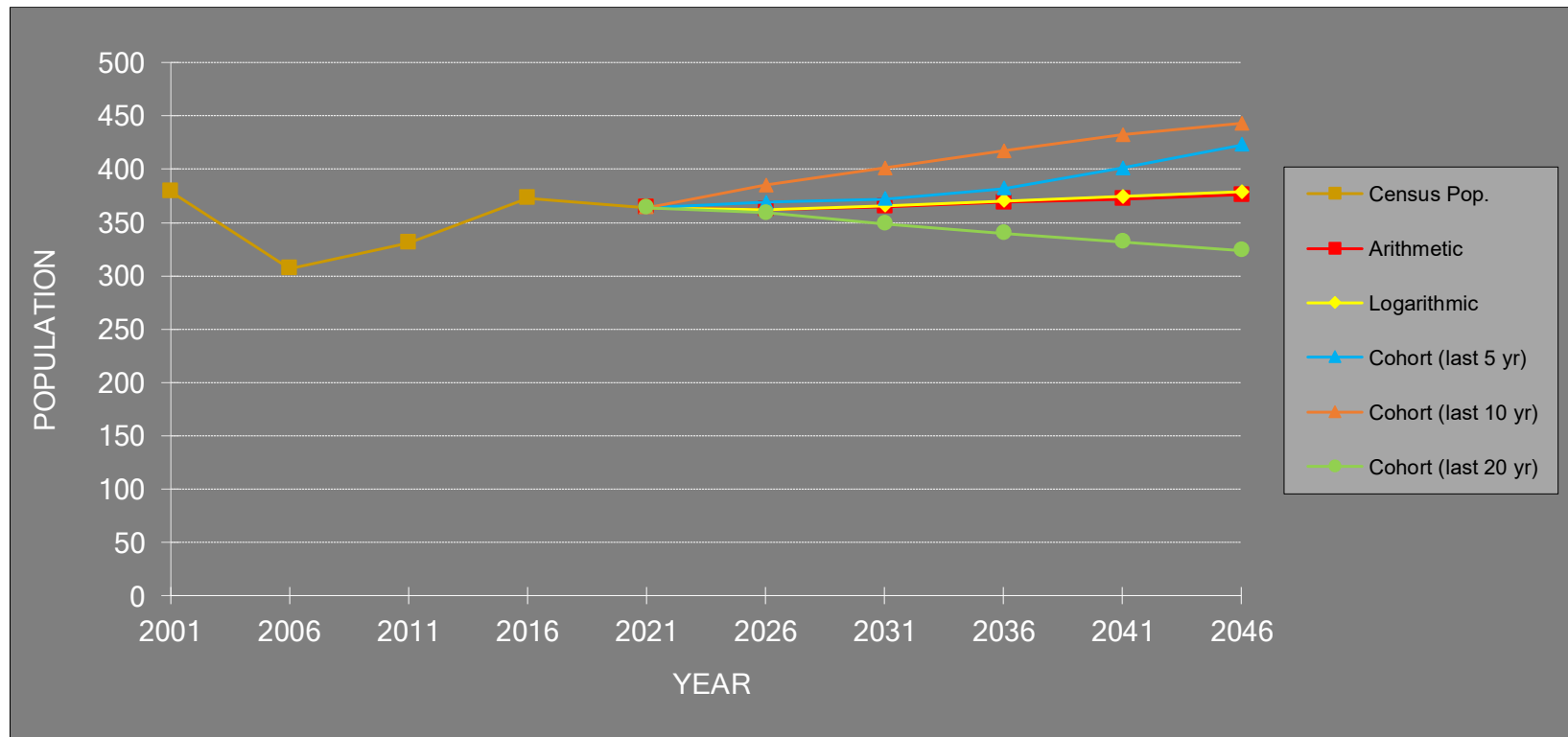
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	25	25	38	36	25	24	17	16	10	10	5	4
5-9	50	25	21	18	34	29	22	17	13	9	6	3
10-14	35	25	55	19	26	12	39	23	27	11	18	2
15-19	40	35	35	27	55	21	26	14	39	25	27	14
20-24	40	30	32	35	27	27	48	21	19	14	31	25
25-29	40	30	17	5	10	10	5	2	25	-4	-4	-11
30-34	25	45	41	30	19	5	11	10	6	3	26	-4
35-39	40	30	24	47	40	33	18	8	10	13	5	5
40-44	20	45	38	34	21	51	37	36	15	11	8	16
45-49	45	50	21	45	39	34	23	51	39	36	16	11
50-54	35	35	45	51	21	46	39	35	23	52	39	38
55-59	45	65	37	35	47	51	24	46	41	35	25	52
60-64	60	65	46	77	39	48	49	64	25	59	42	48
65-69	85	115	67	76	54	88	46	59	56	75	33	70
70+	255	315	314	398	352	438	374	489	389	508	412	542
TOTAL	840	930	832	934	810	918	776	891	736	856	689	815
TOTAL	1769		1766		1727		1667		1592		1504	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-4	-7					
5-9	0.999919	0.999931		5	-6					
10-14	0.999828	0.999880		0	3					
15-19	0.999457	0.999689	0.0612	-7	0	2	2	1	1	2
20-24	0.999036	0.999418	0.3801	-22	-25	11	13	10	8	5
25-29	0.998868	0.999579	0.8009	1	0	24	4	8	2	-3
30-34	0.998687	0.999520	0.6208	-1	3	28	19	3	6	2
35-39	0.998757	0.999240	0.2312	-2	4	7	11	8	2	3
40-44	0.998077	0.998940	0.0394	1	0	2	1	2	1	0
45-49	0.997526	0.998567	0.0016	0	1	0	0	0	0	0
50-54	0.996162	0.997438		3	0					
55-59	0.994412	0.996295		1	13					
60-64	0.990746	0.994351		8	12					
65-69	0.986250	0.990957		12	8					
70+	0.948021	0.954656		-24	-25					
TOTAL				-30	-21	74	50	32	20	9
TOTAL				-51						

* Migration Period: 20-year average (2001 – 2021)

WARNER

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	379					
2006	307					
2011	331					
2016	373					
2021	364	364	364	364	364	364
2026		362	362	369	385	359
2031		365	366	372	401	349
2036		369	370	382	417	340
2041		372	374	401	432	332
2046		376	379	423	443	324



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **WARNER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	5	5	5	7	7	11	11	16	15	18	17
5-9	10	10	12	3	8	3	10	5	14	9	18	13
10-14	15	10	10	10	12	3	8	3	10	5	14	9
15-19	15	10	20	15	15	15	17	8	13	8	15	10
20-24	5	5	20	15	25	20	20	20	22	13	18	13
25-29	5	5	0	5	15	15	20	20	15	20	17	13
30-34	10	5	0	5	-5	5	10	15	15	20	10	20
35-39	5	5	5	5	-5	5	-10	5	5	15	10	20
40-44	5	5	5	0	5	0	-5	0	-10	0	5	10
45-49	10	10	5	0	5	-5	5	-5	-5	-5	-10	-5
50-54	10	10	10	10	5	0	5	-5	5	-5	-5	-5
55-59	5	10	15	15	15	15	10	5	10	0	10	0
60-64	20	20	5	15	15	20	15	20	10	10	10	5
65-69	15	15	25	20	10	15	20	20	20	20	15	10
70+	55	50	55	54	64	63	59	66	63	74	67	82
TOTAL	190	180	192	177	192	180	195	187	203	198	212	211
TOTAL	364		369		372		382		401		423	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		2	-2					
5-9	0.999919	0.999931		0	0					
10-14	0.999828	0.999880		5	5					
15-19	0.999457	0.999689	0.0620	5	5	1	1	1	0	0
20-24	0.999036	0.999418	0.3697	-5	0	2	6	7	7	5
25-29	0.998868	0.999579	0.6488	-5	0	3	3	10	13	13
30-34	0.998687	0.999520	0.6206	-5	0	3	3	3	9	12
35-39	0.998757	0.999240	0.2673	0	-5	1	1	1	1	4
40-44	0.998077	0.998940	0.0489	0	-5	0	0	0	0	0
45-49	0.997526	0.998567	0.0033	0	0	0	0	0	0	0
50-54	0.996162	0.997438		5	5					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		5	0					
65-69	0.986250	0.990957		-5	-10					
70+	0.948021	0.954656		-7	1					
TOTAL				-5	-1	10	14	22	31	35
TOTAL				-5						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **WARNER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	5	5	5	6	6	7	7	7	7	5	5
5-9	10	10	12	5	7	5	8	6	9	7	9	7
10-14	15	10	10	8	12	2	7	2	8	3	9	4
15-19	15	10	17	7	13	5	15	0	10	0	11	1
20-24	5	5	20	10	22	7	18	5	20	0	15	0
25-29	5	5	5	5	20	10	22	7	17	5	20	0
30-34	10	5	8	5	8	5	22	10	25	7	20	5
35-39	5	5	7	5	5	5	5	5	20	10	22	7
40-44	5	5	3	3	5	3	3	3	3	3	17	7
45-49	10	10	5	5	3	3	5	3	3	3	3	3
50-54	10	10	7	10	3	5	0	3	3	3	0	3
55-59	5	10	10	12	7	12	3	7	0	5	3	5
60-64	20	20	5	15	10	17	7	17	3	12	0	10
65-69	15	15	27	25	13	20	17	22	15	22	10	17
70+	55	50	69	54	95	67	105	75	119	85	130	95
TOTAL	190	180	211	174	228	173	244	172	260	172	274	169
TOTAL	364		385		401		417		432		443	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		2	0					
5-9	0.999919	0.999931		0	-2					
10-14	0.999828	0.999880		3	-2					
15-19	0.999457	0.999689	0.0620	5	0	1	0	0	0	0
20-24	0.999036	0.999418	0.3697	0	0	2	4	3	2	0
25-29	0.998868	0.999579	0.6488	3	0	3	3	6	5	3
30-34	0.998687	0.999520	0.6206	-2	0	3	3	3	6	5
35-39	0.998757	0.999240	0.2673	-2	-2	1	1	1	1	3
40-44	0.998077	0.998940	0.0489	0	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0033	-2	0	0	0	0	0	0
50-54	0.996162	0.997438		0	3					
55-59	0.994412	0.996295		0	5					
60-64	0.990746	0.994351		8	5					
65-69	0.986250	0.990957		3	-5					
70+	0.948021	0.954656		0	-4					
TOTAL				15	-4	10	12	14	14	11
TOTAL				11						

* Migration Period: 10-year average (2011 – 2021)

POPULATION PROJECTION: COHORT SURVIVAL - 20 YEAR

Municipality: **WARNER**

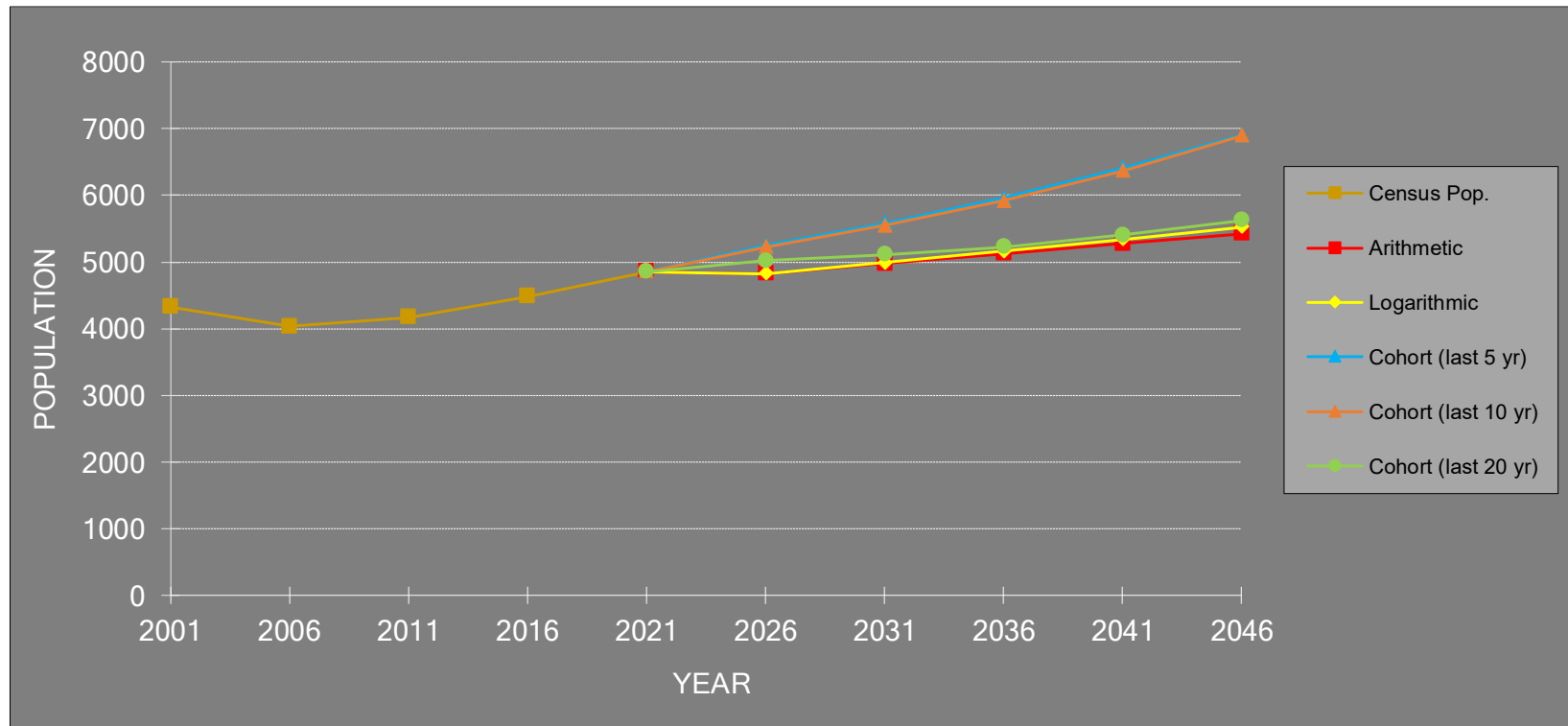
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	10	5	5	5	6	6	7	6	7	7	7	7
5-9	10	10	11	5	6	5	7	6	8	7	9	7
10-14	15	10	11	13	12	8	8	8	8	8	9	9
15-19	15	10	15	7	11	10	12	5	8	5	8	6
20-24	5	5	15	10	15	7	11	10	12	5	8	5
25-29	5	5	3	2	12	7	12	5	9	8	10	3
30-34	10	5	4	6	1	4	11	9	11	6	7	9
35-39	5	5	10	8	4	9	1	6	11	11	11	9
40-44	5	5	5	1	10	4	4	5	1	3	11	7
45-49	10	10	4	3	4	-1	9	1	3	2	0	0
50-54	10	10	9	11	3	4	3	0	7	3	1	4
55-59	5	10	10	11	9	12	3	5	3	1	7	4
60-64	20	20	4	14	9	15	7	16	1	9	1	5
65-69	15	15	24	20	8	14	12	15	11	16	5	9
70+	55	50	63	51	79	57	78	57	82	58	84	60
TOTAL	190	180	192	168	188	161	185	155	183	149	180	144
TOTAL	364		359		349		340		332		324	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	0					
5-9	0.999919	0.999931		1	3					
10-14	0.999828	0.999880		0	-2					
15-19	0.999457	0.999689	0.0620	0	0	1	0	1	0	0
20-24	0.999036	0.999418	0.3697	-2	-2	2	4	3	4	2
25-29	0.998868	0.999579	0.6488	-1	1	3	2	5	3	5
30-34	0.998687	0.999520	0.6206	0	3	3	4	2	5	4
35-39	0.998757	0.999240	0.2673	0	-4	1	2	2	2	3
40-44	0.998077	0.998940	0.0489	-1	-2	0	0	0	0	0
45-49	0.997526	0.998567	0.0033	-1	1	0	0	0	0	0
50-54	0.996162	0.997438		0	1					
55-59	0.994412	0.996295		-1	4					
60-64	0.990746	0.994351		4	0					
65-69	0.986250	0.990957		1	-1					
70+	0.948021	0.954656		-6	-10					
TOTAL				-5	-10	10	12	13	15	14
TOTAL				-15						

* Migration Period: 20-year average (2001 – 2021)

CARDSTON COUNTY

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	4325					
2006	4037					
2011	4167					
2016	4481					
2021	4856	4856	4856	4856	4856	4856
2026		4825	4827	5246	5222	5019
2031		4976	4992	5585	5548	5110
2036		5126	5162	5961	5916	5223
2041		5277	5339	6407	6368	5401
2046		5427	5521	6900	6891	5622



Municipality: **CARDSTON COUNTY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	195	175	168	161	152	146	176	169	215	207	243	234
5-9	245	210	220	187	193	173	177	158	201	181	240	218
10-14	245	210	295	245	270	222	243	208	228	193	251	216
15-19	185	195	290	225	340	260	315	237	288	223	273	208
20-24	115	115	190	185	295	215	345	250	320	227	293	213
25-29	95	115	65	65	140	135	245	165	295	200	270	177
30-34	120	145	60	105	30	55	105	125	210	155	260	190
35-39	135	145	128	160	68	120	38	70	113	140	217	170
40-44	125	125	155	150	148	165	88	125	58	75	133	145
45-49	130	130	135	145	165	170	158	185	98	145	68	95
50-54	110	130	145	140	150	155	180	180	173	195	113	155
55-59	125	125	130	135	165	145	169	160	199	184	192	199
60-64	160	160	125	115	130	125	164	135	169	149	199	174
65-69	175	165	154	150	120	105	124	115	159	124	163	139
70+	275	285	403	417	503	527	564	588	627	656	720	731
TOTAL	2430	2425	2662	2584	2868	2717	3092	2869	3352	3055	3635	3265
TOTAL	4856		5246		5585		5961		6407		6900	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		25	12					
5-9	0.999919	0.999931		50	35					
10-14	0.999828	0.999880		45	15					
15-19	0.999457	0.999689	0.1017	5	-10	20	23	26	24	23
20-24	0.999036	0.999418	0.5237	-50	-50	60	97	113	131	119
25-29	0.998868	0.999579	0.9853	-35	-10	113	64	133	162	197
30-34	0.998687	0.999520	0.6492	8	15	94	68	36	81	101
35-39	0.998757	0.999240	0.2433	20	5	35	39	29	17	34
40-44	0.998077	0.998940	0.0511	10	20	6	8	8	6	4
45-49	0.997526	0.998567	0.0018	15	10	0	0	0	0	0
50-54	0.996162	0.997438		20	5					
55-59	0.994412	0.996295		0	-10					
60-64	0.990746	0.994351		-4	-9					
65-69	0.986250	0.990957		21	11					
70+	0.948021	0.954656		-52	-30					
TOTAL				80	10	329	299	346	422	477
TOTAL				90						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **CARDSTON COUNTY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	195	175	168	161	156	150	181	174	226	217	265	254
5-9	245	210	232	198	205	185	193	173	218	198	264	241
10-14	245	210	285	255	272	244	245	230	234	219	259	243
15-19	185	195	282	235	323	280	310	269	283	255	271	244
20-24	115	115	190	177	287	217	328	263	315	251	288	237
25-29	95	115	60	65	135	127	232	167	272	212	260	201
30-34	120	145	79	118	44	68	118	130	216	170	256	215
35-39	135	145	131	170	90	143	55	93	130	155	227	195
40-44	125	125	160	147	156	172	115	145	80	95	155	157
45-49	130	130	135	135	170	157	166	182	125	155	90	105
50-54	110	130	137	137	142	142	177	165	174	190	132	162
55-59	125	125	122	132	150	140	154	145	189	167	186	192
60-64	160	160	127	125	125	132	152	140	157	145	191	167
65-69	175	165	157	157	125	122	122	130	149	137	154	142
70+	275	285	368	374	438	451	472	490	502	534	557	584
TOTAL	2430	2425	2634	2588	2817	2731	3021	2894	3269	3099	3552	3339
TOTAL	4856		5222		5548		5916		6368		6891	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		38	24					
5-9	0.999919	0.999931		40	45					
10-14	0.999828	0.999880		38	25					
15-19	0.999457	0.999689	0.1017	5	-17	20	24	28	27	26
20-24	0.999036	0.999418	0.5237	-55	-50	60	93	114	138	131
25-29	0.998868	0.999579	0.9853	-16	3	113	64	126	165	209
30-34	0.998687	0.999520	0.6492	12	25	94	76	44	84	110
35-39	0.998757	0.999240	0.2433	25	3	35	41	35	23	38
40-44	0.998077	0.998940	0.0511	10	10	6	8	9	7	5
45-49	0.997526	0.998567	0.0018	8	8	0	0	0	0	0
50-54	0.996162	0.997438		13	3					
55-59	0.994412	0.996295		3	0					
60-64	0.990746	0.994351		-2	-2					
65-69	0.986250	0.990957		14	-2					
70+	0.948021	0.954656		-79	-60					
TOTAL				52	14	329	306	356	444	520
TOTAL				66						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **CARDSTON COUNTY**

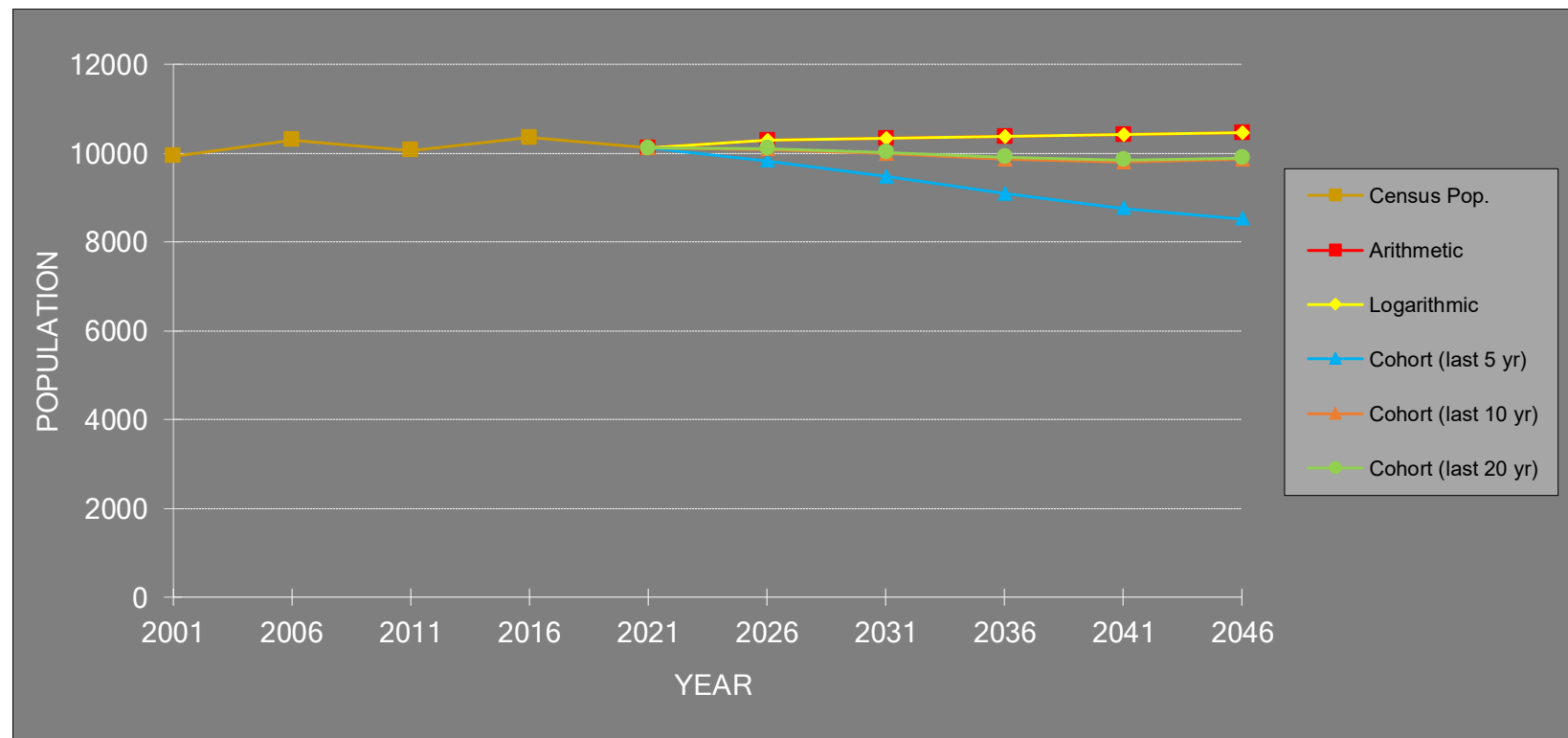
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	195	175	168	161	140	135	155	149	190	183	215	206
5-9	245	210	213	189	185	175	158	149	173	163	208	197
10-14	245	210	271	235	239	214	212	200	185	174	199	188
15-19	185	195	261	231	288	256	255	235	228	221	201	195
20-24	115	115	182	180	259	216	285	241	253	220	225	206
25-29	95	115	30	40	97	105	173	141	200	166	167	145
30-34	120	145	68	111	3	36	70	101	146	137	173	162
35-39	135	145	123	157	71	124	6	49	74	114	150	150
40-44	125	125	149	151	137	164	85	130	20	55	87	120
45-49	130	130	132	131	156	157	144	170	93	136	28	61
50-54	110	130	132	129	135	130	158	156	147	168	95	135
55-59	125	125	115	135	137	134	140	135	163	161	151	173
60-64	160	160	126	127	116	137	138	136	141	137	164	163
65-69	175	165	153	162	119	130	110	139	132	138	134	139
70+	275	285	377	377	452	462	491	510	517	567	564	619
TOTAL	2430	2425	2501	2517	2536	2574	2582	2642	2660	2741	2762	2860
TOTAL	4856		5019		5110		5223		5401		5622	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		18	14					
5-9	0.999919	0.999931		26	25					
10-14	0.999828	0.999880		16	21					
15-19	0.999457	0.999689	0.1017	-2	-15	20	24	26	24	23
20-24	0.999036	0.999418	0.5237	-85	-75	60	94	113	126	115
25-29	0.998868	0.999579	0.9853	-27	-4	113	39	103	139	164
30-34	0.998687	0.999520	0.6492	3	13	94	72	24	66	89
35-39	0.998757	0.999240	0.2433	14	6	35	38	30	12	28
40-44	0.998077	0.998940	0.0511	8	6	6	8	8	7	3
45-49	0.997526	0.998567	0.0018	3	-1	0	0	0	0	0
50-54	0.996162	0.997438		5	5					
55-59	0.994412	0.996295		2	3					
60-64	0.990746	0.994351		-5	3					
65-69	0.986250	0.990957		10	-1					
70+	0.948021	0.954656		-66	-58					
TOTAL				-81	-57	329	276	305	374	421
TOTAL				-138						

* Migration Period: 20-year average (2001 – 2021)

LETHBRIDGE COUNTY

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	9930					
2006	10302					
2011	10061					
2016	10353					
2021	10120	10120	10120	10120	10120	10120
2026		10283	10283	9832	10088	10102
2031		10326	10327	9479	9989	10022
2036		10369	10372	9089	9859	9909
2041		10412	10416	8753	9798	9851
2046		10455	10461	8526	9858	9891



Municipality: **LETHBRIDGE COUNTY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	460	470	289	278	238	228	220	211	246	236	299	287
5-9	470	430	627	658	457	467	405	417	387	400	413	425
10-14	495	460	486	435	642	664	472	472	420	422	403	405
15-19	410	410	485	460	475	435	632	664	462	472	410	422
20-24	310	280	325	370	400	420	390	395	547	624	377	432
25-29	300	270	155	125	170	215	245	265	235	240	392	468
30-34	310	275	230	200	85	55	100	145	175	195	165	170
35-39	320	295	330	295	250	220	105	75	120	165	195	215
40-44	320	280	350	330	360	330	280	255	136	110	150	200
45-49	290	240	335	255	365	305	375	305	295	230	151	85
50-54	295	290	280	230	325	245	354	295	364	295	285	220
55-59	320	270	270	265	255	205	299	220	329	269	339	269
60-64	330	285	265	215	215	210	200	150	244	165	273	214
65-69	215	205	274	235	209	165	160	160	145	100	189	115
70+	410	370	399	383	447	425	428	396	362	363	284	273
TOTAL	5270	4845	5099	4734	4891	4588	4665	4424	4467	4286	4324	4202
TOTAL	10120		9832		9479		9089		8753		8526	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		167	189					
5-9	0.999919	0.999931		16	5					
10-14	0.999828	0.999880		-10	0					
15-19	0.999457	0.999689	0.0620	-85	-40	25	29	27	41	29
20-24	0.999036	0.999418	0.3697	-155	-155	104	137	155	146	231
25-29	0.998868	0.999579	0.6488	-70	-70	175	81	139	172	156
30-34	0.998687	0.999520	0.6206	20	20	171	124	34	90	121
35-39	0.998757	0.999240	0.2673	30	35	79	79	59	20	44
40-44	0.998077	0.998940	0.0489	15	-25	14	16	16	12	5
45-49	0.997526	0.998567	0.0033	-9	-10	1	1	1	1	1
50-54	0.996162	0.997438		-24	-25					
55-59	0.994412	0.996295		-54	-54					
60-64	0.990746	0.994351		-53	-49					
65-69	0.986250	0.990957		-62	-44					
70+	0.948021	0.954656		-139	-130					
TOTAL				-412	-350	568	466	432	483	587
TOTAL				-762						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **LETHBRIDGE COUNTY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	460	470	289	278	238	229	225	216	262	251	323	311
5-9	470	430	627	639	457	447	405	397	392	385	429	420
10-14	495	460	513	448	670	656	500	465	448	415	435	403
15-19	410	410	520	485	538	473	695	681	525	490	473	440
20-24	310	280	365	375	475	450	493	438	650	646	479	455
25-29	300	270	155	117	210	212	320	287	338	275	494	483
30-34	310	275	233	203	88	50	142	145	252	220	270	208
35-39	320	295	337	297	260	225	115	73	170	167	280	242
40-44	320	280	355	327	372	330	295	258	151	105	205	200
45-49	290	240	332	255	367	302	385	305	307	232	163	80
50-54	295	290	282	230	325	245	359	292	377	295	300	222
55-59	320	270	277	272	265	212	307	227	341	274	359	277
60-64	330	285	287	235	245	237	232	177	274	192	308	239
65-69	215	205	291	247	249	197	207	199	194	140	236	155
70+	410	370	423	393	510	456	551	467	549	479	534	433
TOTAL	5270	4845	5287	4801	5268	4722	5231	4628	5230	4569	5290	4569
TOTAL	10120		10088		9989		9859		9798		9858	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		168	169					
5-9	0.999919	0.999931		43	18					
10-14	0.999828	0.999880		25	25					
15-19	0.999457	0.999689	0.0620	-45	-35	25	30	29	42	30
20-24	0.999036	0.999418	0.3697	-155	-162	104	139	166	162	239
25-29	0.998868	0.999579	0.6488	-67	-67	175	76	138	186	179
30-34	0.998687	0.999520	0.6206	28	23	171	126	31	90	136
35-39	0.998757	0.999240	0.2673	35	33	79	80	60	19	45
40-44	0.998077	0.998940	0.0489	13	-25	14	16	16	13	5
45-49	0.997526	0.998567	0.0033	-7	-10	1	1	1	1	1
50-54	0.996162	0.997438		-17	-17					
55-59	0.994412	0.996295		-31	-34					
60-64	0.990746	0.994351		-36	-36					
65-69	0.986250	0.990957		-33	-34					
70+	0.948021	0.954656		-145	-130					
TOTAL				-223	-283	568	467	442	513	635
TOTAL				-506						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **LETHBRIDGE COUNTY**

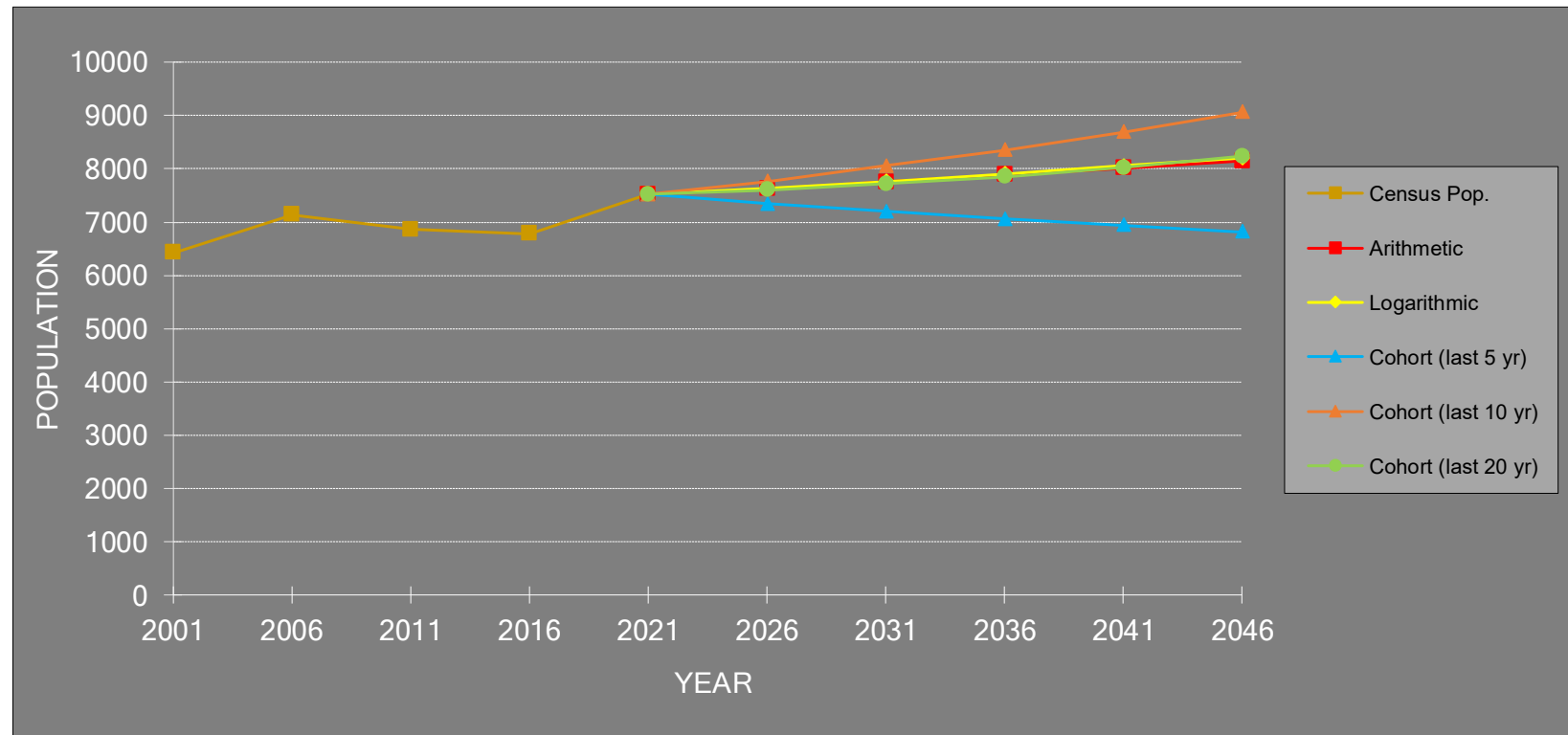
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	460	470	289	278	242	233	229	220	260	250	312	300
5-9	470	430	607	616	437	424	389	379	376	367	407	396
10-14	495	460	504	440	641	627	471	435	424	389	411	377
15-19	410	410	516	477	525	458	662	644	492	452	445	407
20-24	310	280	380	366	486	434	495	414	632	600	462	408
25-29	300	270	165	127	235	214	341	281	350	261	487	447
30-34	310	275	227	213	93	70	162	156	268	224	277	204
35-39	320	295	326	295	244	233	109	90	179	176	284	244
40-44	320	280	349	321	355	321	273	259	138	116	208	202
45-49	290	240	335	267	363	309	370	309	287	246	153	104
50-54	295	290	282	229	327	256	356	297	362	297	280	235
55-59	320	270	269	271	256	210	301	237	329	278	335	278
60-64	330	285	300	250	248	251	236	190	280	217	309	258
65-69	215	205	300	249	270	214	219	215	207	155	251	182
70+	410	370	437	415	546	502	620	550	640	597	647	582
TOTAL	5270	4845	5286	4816	5268	4754	5233	4676	5225	4626	5267	4624
TOTAL	10120		10102		10022		9909		9851		9891	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		148	147					
5-9	0.999919	0.999931		34	10					
10-14	0.999828	0.999880		21	18					
15-19	0.999457	0.999689	0.0620	-30	-44	25	30	28	40	28
20-24	0.999036	0.999418	0.3697	-145	-152	104	135	160	153	222
25-29	0.998868	0.999579	0.6488	-72	-57	175	83	139	182	170
30-34	0.998687	0.999520	0.6206	17	20	171	132	44	97	139
35-39	0.998757	0.999240	0.2673	29	26	79	79	62	24	47
40-44	0.998077	0.998940	0.0489	15	-12	14	16	16	13	6
45-49	0.997526	0.998567	0.0033	-7	-11	1	1	1	1	1
50-54	0.996162	0.997438		-25	-18					
55-59	0.994412	0.996295		-19	-19					
60-64	0.990746	0.994351		-27	-34					
65-69	0.986250	0.990957		-39	-31					
70+	0.948021	0.954656		-125	-110					
TOTAL				-224	-268	568	475	450	510	612
TOTAL				-493						

* Migration Period: 20-year average (2001 – 2021)

COUNTY OF NEWELL

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	6421					
2006	7137					
2011	6862					
2016	6786					
2021	7524	7524	7524	7524	7524	7524
2026		7621	7626	7341	7766	7600
2031		7752	7766	7199	8054	7719
2036		7884	7909	7060	8350	7848
2041		8016	8054	6943	8691	8024
2046		8148	8202	6816	9061	8232



Municipality: COUNTY OF NEWELL

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	270	225	204	196	193	185	200	192	216	207	214	206
5-9	280	255	328	246	261	217	251	206	258	213	273	228
10-14	335	300	290	255	338	246	271	217	261	207	268	214
15-19	295	280	345	295	300	250	348	241	281	212	271	202
20-24	210	190	275	285	325	300	280	255	328	246	261	217
25-29	190	195	95	115	160	210	210	225	165	180	212	171
30-34	160	185	155	190	60	110	125	205	175	220	130	175
35-39	210	220	145	190	140	195	45	115	110	210	160	225
40-44	255	230	235	225	170	195	165	200	70	120	135	215
45-49	220	220	260	225	240	220	175	190	170	195	76	115
50-54	240	255	195	190	235	195	215	190	150	160	145	165
55-59	270	250	220	240	175	175	214	180	195	175	130	145
60-64	290	240	250	225	200	215	155	150	194	155	175	150
65-69	235	210	264	200	224	185	175	174	130	110	169	115
70+	380	355	510	496	663	620	768	723	818	812	823	833
TOTAL	3850	3615	3770	3571	3683	3517	3596	3464	3521	3421	3442	3374
TOTAL	7465		7341		7199		7060		6943		6816	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		58	21					
5-9	0.999919	0.999931		10	0					
10-14	0.999828	0.999880		10	-5					
15-19	0.999457	0.999689	0.0620	-20	5	17	18	16	15	13
20-24	0.999036	0.999418	0.3697	-115	-75	70	105	111	94	91
25-29	0.998868	0.999579	0.6488	-35	-5	127	75	136	146	117
30-34	0.998687	0.999520	0.6206	-15	5	115	118	68	127	136
35-39	0.998757	0.999240	0.2673	25	5	59	51	52	31	56
40-44	0.998077	0.998940	0.0489	5	-5	11	11	10	10	6
45-49	0.997526	0.998567	0.0033	-25	-30	1	1	1	1	1
50-54	0.996162	0.997438		-19	-15					
55-59	0.994412	0.996295		-19	-24					
60-64	0.990746	0.994351		-23	-39					
65-69	0.986250	0.990957		-23	-9					
70+	0.948021	0.954656		-59	-43					
TOTAL				-243	-212	400	379	393	423	420
TOTAL				-455						

* Migration Period: 5-year average (2016 – 2021)

Municipality: COUNTY OF NEWELL

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	270	225	204	196	196	188	207	199	235	226	256	246
5-9	280	255	335	269	269	239	261	232	273	243	301	270
10-14	335	300	315	293	371	306	304	277	297	270	308	280
15-19	295	280	370	315	350	308	406	321	339	292	332	284
20-24	210	190	297	280	372	315	353	308	408	321	342	292
25-29	190	195	105	115	192	205	267	240	247	233	303	246
30-34	160	185	172	190	88	110	175	200	250	235	230	228
35-39	210	220	172	210	185	215	100	135	187	225	262	260
40-44	255	230	250	245	213	235	225	240	140	160	227	250
45-49	220	220	272	242	267	257	230	247	242	252	158	173
50-54	240	255	225	217	277	240	272	255	235	245	247	250
55-59	270	250	232	262	217	225	269	247	264	262	227	252
60-64	290	240	265	235	227	247	212	210	264	232	259	247
65-69	235	210	271	217	246	212	209	224	194	187	246	209
70+	380	355	504	489	657	624	778	748	856	878	915	965
TOTAL	3850	3615	3991	3775	4128	3926	4269	4082	4432	4259	4611	4450
TOTAL	7465		7766		8054		8350		8691		9061	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		66	44					
5-9	0.999919	0.999931		35	38					
10-14	0.999828	0.999880		35	15					
15-19	0.999457	0.999689	0.0620	3	0	17	20	19	20	18
20-24	0.999036	0.999418	0.3697	-105	-75	70	103	116	114	119
25-29	0.998868	0.999579	0.6488	-17	-5	127	75	133	156	151
30-34	0.998687	0.999520	0.6206	13	25	115	118	68	124	146
35-39	0.998757	0.999240	0.2673	40	25	59	56	57	36	60
40-44	0.998077	0.998940	0.0489	18	13	11	12	11	12	8
45-49	0.997526	0.998567	0.0033	5	-2	1	1	1	1	1
50-54	0.996162	0.997438		-7	8					
55-59	0.994412	0.996295		-4	-14					
60-64	0.990746	0.994351		-16	-22					
65-69	0.986250	0.990957		-10	-14					
70+	0.948021	0.954656		-78	-44					
TOTAL				-22	-9	400	384	407	462	502
TOTAL				-31						

* Migration Period: 10-year average (2011 – 2021)

Municipality: COUNTY OF NEWELL

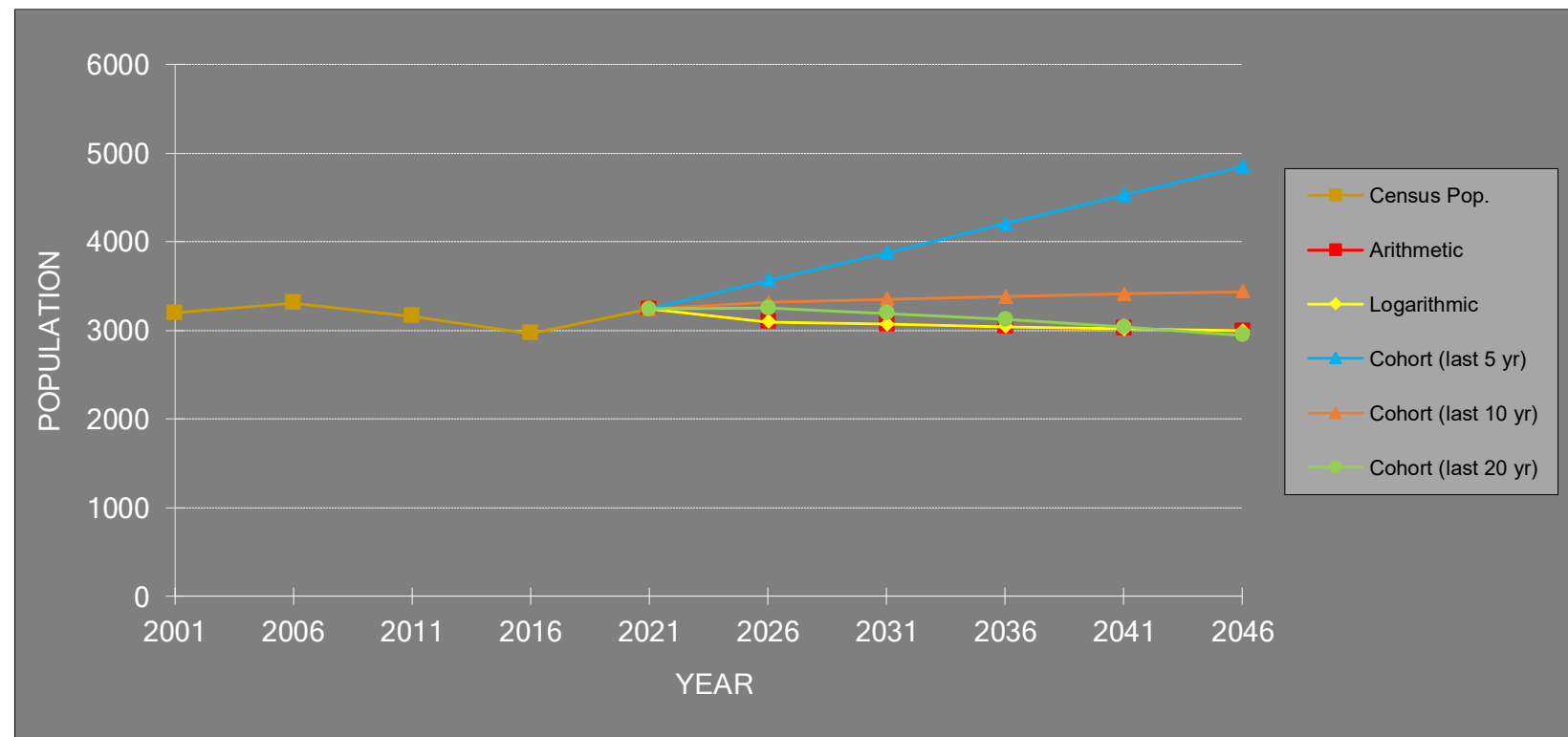
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	270	225	204	196	192	184	200	192	226	218	245	235
5-9	280	255	336	273	270	244	258	232	266	240	293	265
10-14	335	300	300	278	356	296	290	266	278	255	287	263
15-19	295	280	374	321	339	299	395	317	329	287	317	276
20-24	210	190	287	280	366	321	331	299	387	317	321	287
25-29	190	195	99	106	176	196	255	237	220	215	276	233
30-34	160	185	172	186	81	98	159	187	237	229	202	206
35-39	210	220	187	205	200	206	109	118	186	207	264	249
40-44	255	230	240	255	217	240	230	241	139	153	216	242
45-49	220	220	277	239	262	264	240	249	252	250	162	161
50-54	240	255	252	235	310	254	295	278	272	263	285	265
55-59	270	250	224	262	236	242	293	261	278	286	256	271
60-64	290	240	247	207	201	219	213	200	270	218	255	243
65-69	235	210	246	205	204	172	158	184	170	164	226	183
70+	380	355	465	441	557	519	602	560	599	612	609	641
TOTAL	3850	3615	3911	3689	3967	3753	4027	3821	4111	3913	4212	4020
TOTAL	7465		7600		7719		7848		8024		8232	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		66	48					
5-9	0.999919	0.999931		20	23					
10-14	0.999828	0.999880		39	21					
15-19	0.999457	0.999689	0.0620	-7	0	17	20	19	20	18
20-24	0.999036	0.999418	0.3697	-111	-84	70	103	119	111	117
25-29	0.998868	0.999579	0.6488	-17	-9	127	69	127	154	140
30-34	0.998687	0.999520	0.6206	28	20	115	116	61	116	142
35-39	0.998757	0.999240	0.2673	30	35	59	55	55	31	55
40-44	0.998077	0.998940	0.0489	23	9	11	12	12	12	7
45-49	0.997526	0.998567	0.0033	33	15	1	1	1	1	1
50-54	0.996162	0.997438		-16	8					
55-59	0.994412	0.996295		-21	-42					
60-64	0.990746	0.994351		-41	-34					
65-69	0.986250	0.990957		-32	-33					
70+	0.948021	0.954656		-95	-73					
TOTAL				-102	-94	400	376	393	444	480
TOTAL				-196						

* Migration Period: 20-year average (2001 – 2021)

M.D. OF PINCHER CREEK

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	3197					
2006	3309					
2011	3158					
2016	2965					
2021	3240	3240	3240	3240	3240	3240
2026		3096	3094	3569	3317	3248
2031		3071	3068	3878	3350	3195
2036		3045	3043	4202	3381	3121
2041		3019	3017	4531	3412	3039
2046		2993	2993	4851	3440	2944



Municipality: **M.D. OF PINCHER CREEK**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	75	80	94	91	97	94	111	107	119	114	119	114
5-9	95	75	70	83	89	93	92	96	106	109	113	117
10-14	95	90	105	75	80	83	99	94	102	96	116	109
15-19	95	95	115	95	125	80	100	88	119	99	122	101
20-24	70	60	95	105	115	105	125	90	100	98	119	108
25-29	75	75	40	40	65	85	85	85	95	70	70	78
30-34	65	65	80	95	45	60	70	105	90	105	100	90
35-39	85	95	85	80	100	110	65	75	90	120	110	120
40-44	90	95	105	115	105	100	120	130	85	95	110	140
45-49	85	80	110	115	125	135	125	120	140	150	105	115
50-54	95	100	85	75	110	110	125	130	125	115	140	145
55-59	120	130	105	115	95	90	120	125	134	145	134	130
60-64	140	180	120	150	105	135	95	110	119	145	134	164
65-69	170	140	164	200	144	170	129	155	120	130	144	164
70+	290	250	417	347	531	499	620	614	690	709	746	775
TOTAL	1635	1600	1790	1780	1931	1948	2080	2122	2233	2298	2381	2470
TOTAL	3240		3569		3878		4202		4531		4851	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-5	3					
5-9	0.999919	0.999931		10	0					
10-14	0.999828	0.999880		20	5					
15-19	0.999457	0.999689	0.1017	0	10	10	10	8	9	10
20-24	0.999036	0.999418	0.5237	-30	-20	31	55	55	47	51
25-29	0.998868	0.999579	0.9853	5	20	74	39	84	84	69
30-34	0.998687	0.999520	0.6492	20	15	42	62	39	68	68
35-39	0.998757	0.999240	0.2433	20	20	23	19	27	18	29
40-44	0.998077	0.998940	0.0511	20	20	5	6	5	7	5
45-49	0.997526	0.998567	0.0018	0	-5	0	0	0	0	0
50-54	0.996162	0.997438		10	15					
55-59	0.994412	0.996295		0	20					
60-64	0.990746	0.994351		26	21					
65-69	0.986250	0.990957		21	21					
70+	0.948021	0.954656		-47	-51					
TOTAL				71	94	185	191	218	233	233
TOTAL				165						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **M.D. OF PINCHER CREEK**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	75	80	94	91	84	80	86	83	89	85	88	85
5-9	95	75	69	75	88	85	77	75	80	77	82	80
10-14	95	90	98	85	71	85	91	95	80	85	82	87
15-19	95	95	107	90	110	85	84	85	103	95	92	85
20-24	70	60	92	95	105	90	108	85	81	85	101	95
25-29	75	75	25	30	47	65	60	60	62	55	36	55
30-34	65	65	70	80	20	35	42	70	55	65	57	60
35-39	85	95	70	75	75	90	25	45	47	80	60	75
40-44	90	95	97	105	82	85	87	100	38	55	60	90
45-49	85	80	102	112	110	122	95	102	100	117	50	73
50-54	95	100	85	70	102	102	110	112	95	92	100	107
55-59	120	130	100	100	90	70	107	102	115	112	100	92
60-64	140	180	122	140	102	110	92	80	110	112	117	122
65-69	170	140	152	192	134	152	115	122	105	93	122	125
70+	290	250	376	317	440	432	483	503	505	541	515	547
TOTAL	1635	1600	1661	1656	1661	1689	1662	1719	1663	1749	1662	1777
TOTAL	3240		3317		3350		3381		3412		3440	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-6	-5					
5-9	0.999919	0.999931		3	10					
10-14	0.999828	0.999880		13	0					
15-19	0.999457	0.999689	0.1017	-2	0	10	9	9	9	10
20-24	0.999036	0.999418	0.5237	-45	-30	31	50	47	45	44
25-29	0.998868	0.999579	0.9853	-5	5	74	30	64	59	54
30-34	0.998687	0.999520	0.6492	5	10	42	52	23	45	42
35-39	0.998757	0.999240	0.2433	13	10	23	18	22	11	19
40-44	0.998077	0.998940	0.0511	13	18	5	5	4	5	3
45-49	0.997526	0.998567	0.0018	0	-10	0	0	0	0	0
50-54	0.996162	0.997438		5	0					
55-59	0.994412	0.996295		3	10					
60-64	0.990746	0.994351		13	13					
65-69	0.986250	0.990957		1	13					
70+	0.948021	0.954656		-68	-74					
TOTAL				-58	-30	185	164	169	174	173
TOTAL				-88						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **M.D. OF PINCHER CREEK**

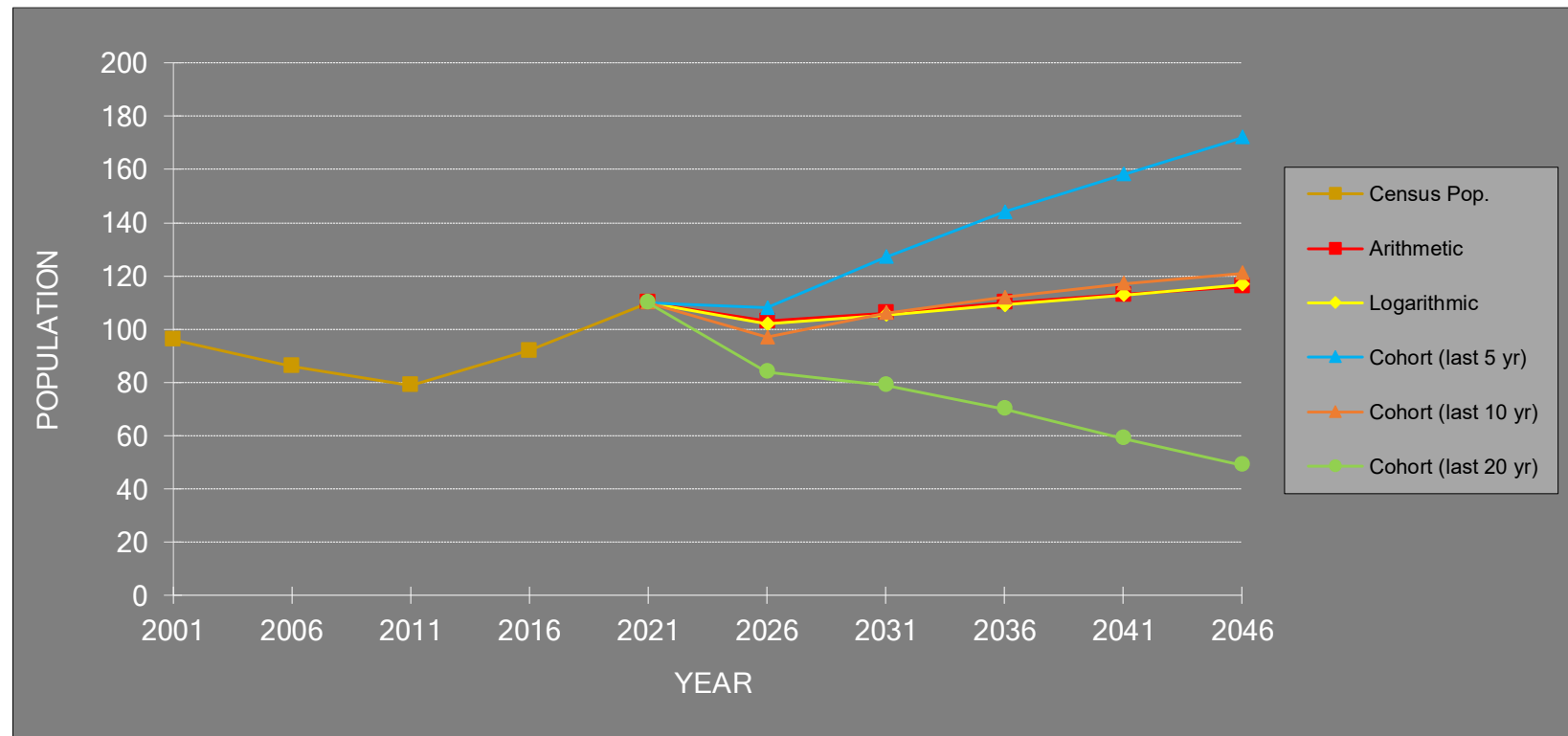
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	75	80	94	91	74	72	68	65	66	63	60	58
5-9	95	75	68	66	87	77	67	58	61	52	58	50
10-14	95	90	95	80	68	71	87	82	67	63	61	57
15-19	95	95	96	95	96	85	69	76	88	87	69	68
20-24	70	60	92	84	94	84	94	74	67	65	86	76
25-29	75	75	24	15	46	39	47	39	48	29	20	20
30-34	65	65	70	84	19	24	41	47	42	47	43	38
35-39	85	95	67	76	72	95	21	35	44	59	45	59
40-44	90	95	91	94	74	75	79	94	28	34	50	57
45-49	85	80	100	109	101	107	84	89	89	107	38	48
50-54	95	100	90	83	105	111	106	110	89	91	94	110
55-59	120	130	95	94	90	76	105	105	106	104	89	85
60-64	140	180	126	132	101	96	96	79	111	107	112	106
65-69	170	140	147	183	133	136	108	100	104	83	118	111
70+	290	250	381	326	445	440	492	503	513	527	527	533
TOTAL	1635	1600	1638	1611	1606	1589	1566	1556	1520	1519	1469	1475
TOTAL	3240		3248		3195		3121		3039		2944	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-7	-13					
5-9	0.999919	0.999931		0	5					
10-14	0.999828	0.999880		1	5					
15-19	0.999457	0.999689	0.1017	-2	-11	10	10	9	8	9
20-24	0.999036	0.999418	0.5237	-46	-45	31	44	44	39	34
25-29	0.998868	0.999579	0.9853	-5	9	74	15	38	38	28
30-34	0.998687	0.999520	0.6492	3	11	42	54	15	31	31
35-39	0.998757	0.999240	0.2433	6	-1	23	19	23	9	14
40-44	0.998077	0.998940	0.0511	10	14	5	5	4	5	2
45-49	0.997526	0.998567	0.0018	5	3	0	0	0	0	0
50-54	0.996162	0.997438		0	-6					
55-59	0.994412	0.996295		7	3					
60-64	0.990746	0.994351		8	4					
65-69	0.986250	0.990957		0	6					
70+	0.948021	0.954656		-61	-58					
TOTAL				-81	-75	185	146	133	129	118
TOTAL				-156						

* Migration Period: 20-year average (2001 – 2021)

M.D. OF RANCHLAND

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	96					
2006	86					
2011	79					
2016	92					
2021	110	110	110	110	110	110
2026		103	102	108	97	84
2031		106	105	127	106	79
2036		110	109	144	112	70
2041		113	113	158	117	59
2046		116	117	172	121	49



Municipality: **M.D. OF RANGLAND**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	2	2	3	3	2	2	2	1	2	2
5-9	5	0	8	-2	4	-1	5	0	5	0	4	-1
10-14	0	5	10	0	13	-2	9	-1	10	0	10	0
15-19	0	0	-5	5	5	0	8	-2	4	-1	5	0
20-24	0	0	0	0	-5	5	5	0	8	-2	4	-1
25-29	0	5	-5	0	-5	0	-10	5	0	0	3	-2
30-34	5	5	-5	5	-10	0	-10	0	-15	5	-5	0
35-39	5	0	10	10	0	10	-5	5	-5	5	-10	10
40-44	5	0	10	-5	15	5	5	5	0	0	0	0
45-49	0	0	10	-5	15	-10	20	0	10	0	5	-5
50-54	0	0	0	-5	10	-10	15	-15	20	-5	10	-5
55-59	5	0	0	0	0	-5	10	-10	15	-15	20	-5
60-64	10	5	5	0	0	0	0	-5	10	-10	15	-15
65-69	5	5	20	10	15	5	10	5	10	0	20	-5
70+	15	5	29	5	58	10	80	10	96	10	111	5
TOTAL	60	50	89	20	117	10	144	0	169	-11	193	-22
TOTAL	110		108		127		144		158		172	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		3	-2					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		-5	0					
15-19	0.999457	0.999689	0.0776	0	0	0	0	0	0	0
20-24	0.999036	0.999418	0.1321	-5	0	0	0	1	0	0
25-29	0.998868	0.999579	0.2494	-5	0	1	0	0	1	0
30-34	0.998687	0.999520	0.4411	5	5	2	2	0	0	2
35-39	0.998757	0.999240	0.3227	5	-5	0	3	3	2	2
40-44	0.998077	0.998940	0.0701	5	-5	0	0	0	0	0
45-49	0.997526	0.998567	0.0039	0	-5	0	0	0	0	0
50-54	0.996162	0.997438		0	0					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		10	5					
65-69	0.986250	0.990957		0	0					
70+	0.948021	0.954656		10	-5					
TOTAL				28	-12	3	5	4	3	3
TOTAL				16						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **M.D. OF RANGLAND**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	2	2	3	3	2	2	2	1	1	1
5-9	5	0	6	-2	3	0	4	1	3	1	2	0
10-14	0	5	10	0	11	-2	8	0	9	1	8	1
15-19	0	0	-5	5	5	0	6	-2	3	0	4	1
20-24	0	0	0	-2	-5	2	5	-2	6	-4	3	-2
25-29	0	5	-2	3	-2	0	-7	5	2	0	3	-2
30-34	5	5	-2	5	-5	3	-5	0	-10	5	0	0
35-39	5	0	7	7	0	7	-2	5	-2	3	-7	7
40-44	5	0	7	0	10	7	3	7	0	5	0	3
45-49	0	0	7	0	10	0	12	7	5	7	3	5
50-54	0	0	-2	-5	5	-5	7	-5	10	2	2	2
55-59	5	0	0	-2	-2	-7	5	-7	7	-7	10	0
60-64	10	5	5	0	0	-2	-2	-7	5	-7	7	-7
65-69	5	5	15	7	10	3	5	0	3	-5	10	-5
70+	15	5	20	12	34	22	42	26	45	28	46	24
TOTAL	60	50	67	30	75	31	81	31	87	30	92	29
TOTAL	110		97		106		112		117		121	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		1	-2					
5-9	0.999919	0.999931		5	0					
10-14	0.999828	0.999880		-5	0					
15-19	0.999457	0.999689	0.0776	0	-2	0	0	0	0	0
20-24	0.999036	0.999418	0.1321	-2	3	0	0	0	0	-1
25-29	0.998868	0.999579	0.2494	-2	0	1	1	0	1	0
30-34	0.998687	0.999520	0.4411	3	3	2	2	1	0	2
35-39	0.998757	0.999240	0.3227	3	0	0	2	2	2	1
40-44	0.998077	0.998940	0.0701	3	0	0	0	1	1	0
45-49	0.997526	0.998567	0.0039	-2	-5	0	0	0	0	0
50-54	0.996162	0.997438		0	-2					
55-59	0.994412	0.996295		0	0					
60-64	0.990746	0.994351		5	3					
65-69	0.986250	0.990957		-2	0					
70+	0.948021	0.954656		3	3					
TOTAL				6	-1	3	5	4	3	3
TOTAL				5						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **M.D. OF RANGLAND**

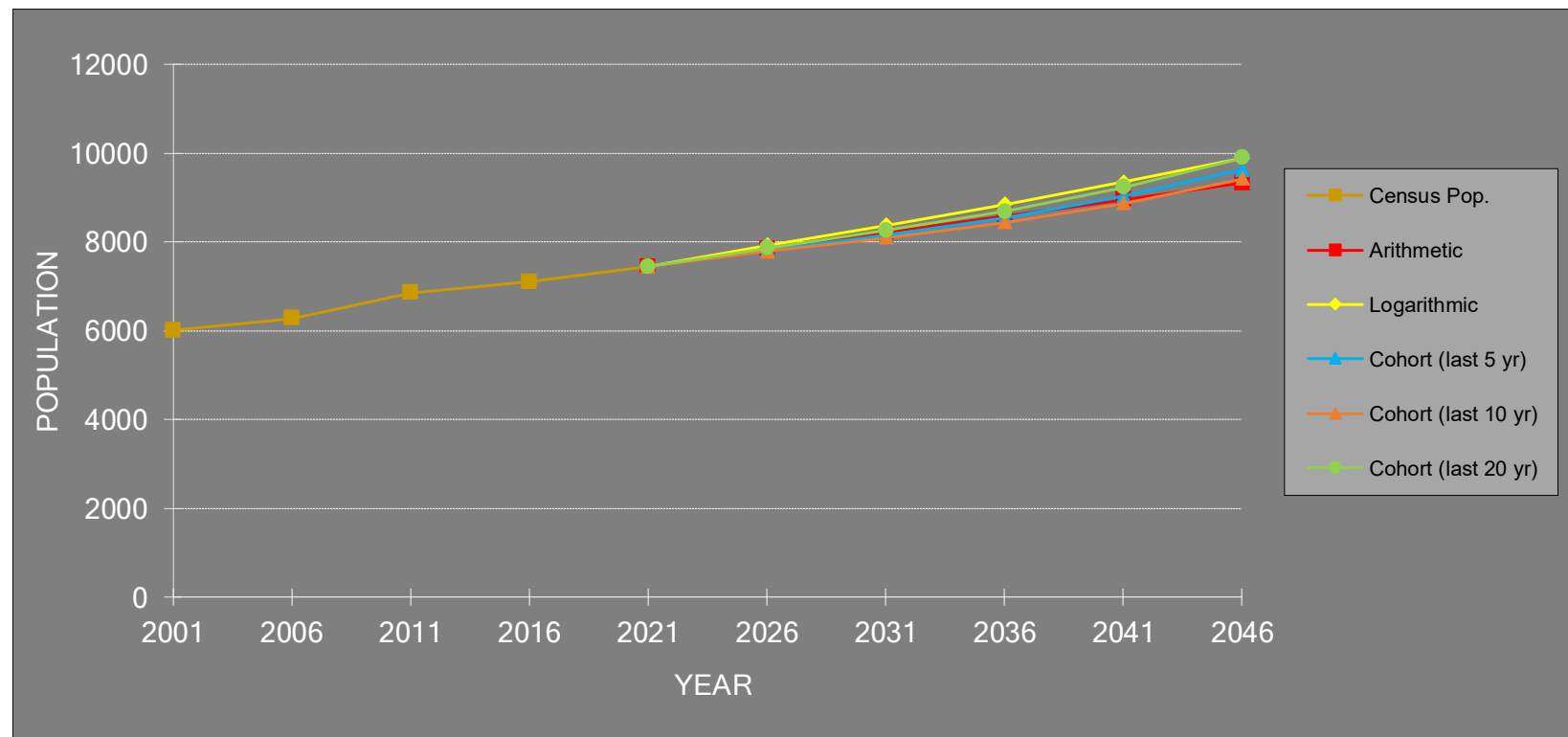
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	5	0	2	2	2	2	0	0	0	0	0	0
5-9	5	0	7	2	4	4	4	4	3	3	2	2
10-14	0	5	6	-2	8	0	5	1	5	1	4	0
15-19	0	0	-4	6	3	-1	5	1	1	3	1	3
20-24	0	0	0	-1	-4	5	3	-2	5	0	1	1
25-29	0	5	-2	-1	-2	-2	-6	4	0	-4	2	-2
30-34	5	5	-1	5	-4	-1	-4	-2	-7	4	-1	-4
35-39	5	0	4	4	-2	4	-5	-2	-5	-4	-9	2
40-44	5	0	6	1	5	5	-1	5	-4	-1	-4	-2
45-49	0	0	7	0	9	1	7	5	1	5	-1	-1
50-54	0	0	-1	-1	6	-1	7	0	6	4	0	4
55-59	5	0	-1	-4	-2	-5	5	-5	6	-4	5	0
60-64	10	5	6	1	0	-2	-1	-4	6	-4	7	-2
65-69	5	5	11	5	7	1	1	-2	0	-4	7	-4
70+	15	5	20	9	30	12	36	12	36	8	34	2
TOTAL	60	50	60	25	59	20	56	13	53	6	49	-1
TOTAL	110		84		79		70		59		49	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		2	2					
5-9	0.999919	0.999931		1	-2					
10-14	0.999828	0.999880		-4	1					
15-19	0.999457	0.999689	0.0776	0	-1	0	0	0	0	0
20-24	0.999036	0.999418	0.1321	-2	-1	0	0	1	0	0
25-29	0.998868	0.999579	0.2494	-1	0	1	0	-1	1	-1
30-34	0.998687	0.999520	0.4411	-1	-1	2	2	-1	-1	2
35-39	0.998757	0.999240	0.3227	1	1	0	1	1	-1	-1
40-44	0.998077	0.998940	0.0701	3	0	0	0	0	0	0
45-49	0.997526	0.998567	0.0039	-1	-1	0	0	0	0	0
50-54	0.996162	0.997438		-1	-4					
55-59	0.994412	0.996295		1	1					
60-64	0.990746	0.994351		1	0					
65-69	0.986250	0.990957		-2	-2					
70+	0.948021	0.954656		3	1					
TOTAL				-1	-6	3	4	1	-1	0
TOTAL				-8						

* Migration Period: 20-year average (2001 – 2021)

M.D. OF TABER

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	6012					
2006	6280					
2011	6851					
2016	7098					
2021	7447	7447	7447	7447	7447	7447
2026		7844	7923	7812	7789	7860
2031		8213	8372	8153	8097	8252
2036		8582	8845	8541	8434	8686
2041		8950	9346	9026	8862	9224
2046		9319	9875	9628	9415	9890



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **M.D. OF TABER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	390	390	221	212	218	210	244	235	297	285	358	344
5-9	380	390	565	573	396	396	393	393	419	418	472	468
10-14	425	375	410	395	595	579	426	401	423	398	450	423
15-19	345	370	440	400	425	420	610	604	441	426	438	423
20-24	240	225	325	360	420	390	405	410	590	593	421	416
25-29	205	190	125	125	210	260	305	290	290	310	474	493
30-34	215	220	170	185	90	120	175	255	269	285	255	305
35-39	225	210	250	235	205	200	125	135	210	270	304	300
40-44	220	220	230	220	255	245	210	210	130	145	215	280
45-49	200	175	215	205	225	205	250	230	205	195	125	130
50-54	170	180	210	170	225	200	235	200	259	225	215	190
55-59	195	200	160	175	200	165	214	195	224	195	249	219
60-64	205	145	180	190	145	165	184	155	199	184	209	184
65-69	155	135	194	115	169	159	135	134	174	124	188	154
70+	260	205	304	254	384	280	436	350	450	392	502	421
TOTAL	3820	3625	3998	3814	4161	3993	4346	4195	4581	4445	4876	4752
TOTAL	7447		7812		8153		8541		9026		9628	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		175	184					
5-9	0.999919	0.999931		30	5					
10-14	0.999828	0.999880		15	25					
15-19	0.999457	0.999689	0.0620	-20	-10	23	25	26	37	26
20-24	0.999036	0.999418	0.3697	-115	-100	83	133	144	152	219
25-29	0.998868	0.999579	0.6488	-35	-5	123	81	169	188	201
30-34	0.998687	0.999520	0.6206	35	15	137	115	74	158	177
35-39	0.998757	0.999240	0.2673	5	10	56	63	53	36	72
40-44	0.998077	0.998940	0.0489	-5	-15	11	11	12	10	7
45-49	0.997526	0.998567	0.0033	10	-5	1	1	1	1	1
50-54	0.996162	0.997438		-10	-5					
55-59	0.994412	0.996295		-14	-9					
60-64	0.990746	0.994351		-9	-29					
65-69	0.986250	0.990957		-18	-19					
70+	0.948021	0.954656		-77	-57					
TOTAL				-31	-14	433	428	479	582	704
TOTAL				-45						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **M.D. OF TABER**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	390	390	221	212	212	204	230	221	280	269	345	332
5-9	380	390	551	577	382	399	373	391	391	408	441	456
10-14	425	375	423	405	594	592	425	414	416	406	434	423
15-19	345	370	442	405	440	435	611	622	442	444	433	436
20-24	240	225	310	347	407	382	405	413	576	599	407	422
25-29	205	190	130	107	200	230	297	265	295	295	466	481
30-34	215	220	162	188	88	105	157	227	254	262	252	293
35-39	225	210	242	242	190	210	115	128	185	250	282	285
40-44	220	220	240	227	257	260	205	227	130	145	200	267
45-49	200	175	210	207	230	215	247	247	195	215	120	133
50-54	170	180	197	170	207	202	227	210	244	242	192	210
55-59	195	200	157	165	185	155	194	187	214	195	232	227
60-64	205	145	177	185	140	150	167	140	177	172	196	179
65-69	155	135	194	127	167	167	130	132	157	122	166	154
70+	260	205	315	251	406	286	466	360	485	396	530	420
TOTAL	3820	3625	3973	3816	4104	3992	4250	4184	4442	4420	4698	4717
TOTAL	7447		7789		8097		8434		8862		9415	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		161	187					
5-9	0.999919	0.999931		43	15					
10-14	0.999828	0.999880		18	30					
15-19	0.999457	0.999689	0.0620	-35	-22	23	25	27	39	28
20-24	0.999036	0.999418	0.3697	-110	-117	83	128	141	153	222
25-29	0.998868	0.999579	0.6488	-42	-2	123	70	149	172	191
30-34	0.998687	0.999520	0.6206	28	23	137	116	65	141	163
35-39	0.998757	0.999240	0.2673	15	18	56	65	56	34	67
40-44	0.998077	0.998940	0.0489	-10	-12	11	11	13	11	7
45-49	0.997526	0.998567	0.0033	-2	-5	1	1	1	1	1
50-54	0.996162	0.997438		-12	-15					
55-59	0.994412	0.996295		-17	-14					
60-64	0.990746	0.994351		-9	-17					
65-69	0.986250	0.990957		-13	-19					
70+	0.948021	0.954656		-71	-60					
TOTAL				-56	-12	433	416	452	550	678
TOTAL				-68						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **M.D. OF TABER**

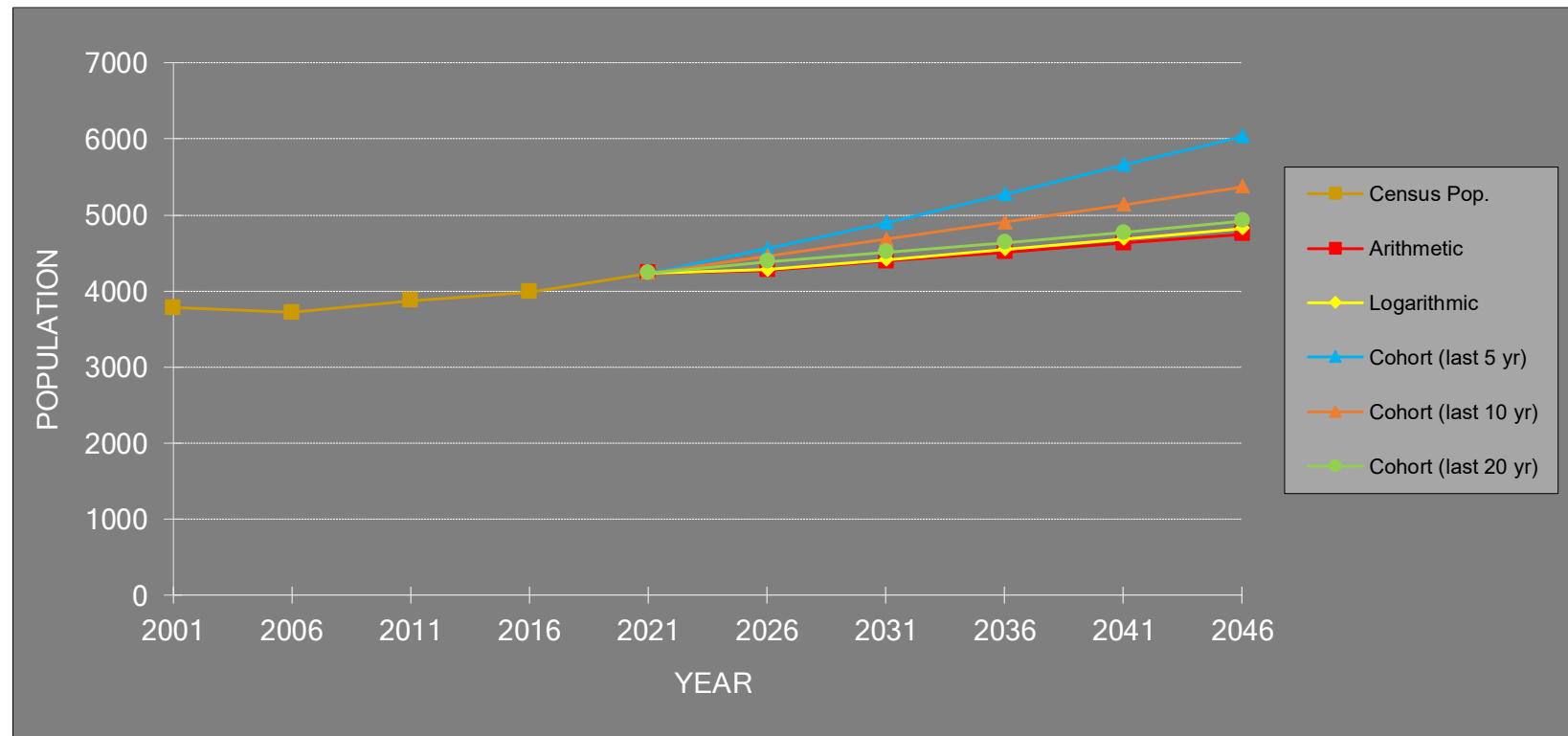
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	390	390	221	212	219	211	244	234	300	289	368	354
5-9	380	390	541	550	372	372	370	371	395	395	451	449
10-14	425	375	423	420	584	580	415	403	413	401	438	425
15-19	345	370	459	411	457	457	618	617	449	439	447	437
20-24	240	225	324	354	437	395	435	440	596	600	427	423
25-29	205	190	131	109	215	237	328	279	326	324	487	484
30-34	215	220	179	206	105	125	188	254	302	295	300	340
35-39	225	210	239	236	202	223	129	141	212	270	325	311
40-44	220	220	244	234	257	260	221	246	148	165	231	293
45-49	200	175	212	206	236	220	250	246	214	232	140	151
50-54	170	180	195	171	207	202	231	216	244	242	208	228
55-59	195	200	162	167	187	159	199	190	223	203	237	229
60-64	205	145	176	186	144	153	168	145	180	176	204	189
65-69	155	135	197	127	168	168	136	136	160	127	172	158
70+	260	205	315	254	408	292	468	369	493	411	541	442
TOTAL	3820	3625	4016	3844	4198	4054	4400	4285	4656	4568	4977	4914
TOTAL	7447		7860		8252		8686		9224		9890	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		151	160					
5-9	0.999919	0.999931		43	30					
10-14	0.999828	0.999880		34	36					
15-19	0.999457	0.999689	0.0620	-21	-16	23	25	28	38	27
20-24	0.999036	0.999418	0.3697	-109	-116	83	131	146	163	222
25-29	0.998868	0.999579	0.6488	-26	16	123	71	154	181	210
30-34	0.998687	0.999520	0.6206	24	16	137	128	78	157	183
35-39	0.998757	0.999240	0.2673	19	24	56	63	59	38	72
40-44	0.998077	0.998940	0.0489	-7	-14	11	11	13	12	8
45-49	0.997526	0.998567	0.0033	-5	-4	1	1	1	1	1
50-54	0.996162	0.997438		-7	-12					
55-59	0.994412	0.996295		-18	-13					
60-64	0.990746	0.994351		-7	-17					
65-69	0.986250	0.990957		-14	-13					
70+	0.948021	0.954656		-71	-63					
TOTAL				-12	16	433	430	479	590	723
TOTAL				3						

* Migration Period: 20-year average (2001 – 2021)

VULCAN COUNTY

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	3778					
2006	3718					
2011	3875					
2016	3984					
2021	4237	4237	4237	4237	4237	4237
2026		4274	4281	4555	4459	4383
2031		4392	4410	4898	4676	4507
2036		4510	4544	5271	4901	4632
2041		4629	4682	5655	5131	4767
2046		4747	4824	6034	5370	4919



Municipality: **VULCAN COUNTY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	145	150	129	124	149	144	170	163	178	171	179	172
5-9	135	160	176	191	161	165	181	184	201	204	209	212
10-14	200	155	135	140	176	171	161	145	181	165	201	184
15-19	140	170	230	160	165	145	206	176	191	150	211	170
20-24	90	120	130	160	220	150	155	135	196	166	181	140
25-29	110	115	55	125	95	165	185	155	120	140	161	171
30-34	110	115	135	140	80	150	120	190	210	180	145	165
35-39	115	125	115	130	140	155	85	165	125	205	214	195
40-44	140	130	105	140	105	145	130	170	75	180	115	220
45-49	130	115	165	135	130	145	130	150	155	175	100	185
50-54	120	135	150	125	185	145	150	155	150	160	175	185
55-59	135	145	120	165	150	155	184	175	150	185	150	190
60-64	175	150	130	140	115	160	144	150	179	169	144	179
65-69	150	125	184	150	140	140	125	159	154	149	188	169
70+	230	210	289	282	379	376	420	455	444	550	496	631
TOTAL	2115	2120	2248	2307	2389	2509	2545	2726	2707	2948	2869	3166
TOTAL	4237		4555		4898		5271		5655		6034	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		31	41					
5-9	0.999919	0.999931		0	-20					
10-14	0.999828	0.999880		30	5					
15-19	0.999457	0.999689	0.0612	-10	-10	10	10	9	11	9
20-24	0.999036	0.999418	0.3801	-35	5	46	61	57	51	63
25-29	0.998868	0.999579	0.8009	25	25	92	100	132	124	112
30-34	0.998687	0.999520	0.6208	5	15	71	87	93	118	112
35-39	0.998757	0.999240	0.2312	-10	15	29	30	36	38	47
40-44	0.998077	0.998940	0.0394	25	5	5	6	6	7	7
45-49	0.997526	0.998567	0.0016	20	10	0	0	0	0	0
50-54	0.996162	0.997438		0	30					
55-59	0.994412	0.996295		-4	-5					
60-64	0.990746	0.994351		11	1					
65-69	0.986250	0.990957		-13	-14					
70+	0.948021	0.954656		-63	-28					
TOTAL				12	76	254	293	333	349	351
TOTAL				88						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **VULCAN COUNTY**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	25	25	38	36	27	26	20	19	14	13	7	7
5-9	50	25	24	18	36	29	26	19	18	12	12	6
10-14	35	25	50	18	24	10	37	22	26	11	18	4
15-19	40	35	30	25	45	18	19	10	32	22	21	11
20-24	40	30	37	40	27	30	43	23	16	15	29	27
25-29	40	30	22	3	20	12	10	2	25	-5	-1	-12
30-34	25	45	42	35	25	8	22	18	13	8	28	0
35-39	40	30	30	50	47	40	30	13	28	23	18	13
40-44	20	45	37	35	28	55	45	45	28	18	25	28
45-49	45	50	18	42	35	32	25	52	42	42	25	15
50-54	35	35	47	52	20	45	37	35	28	55	45	45
55-59	45	65	27	30	40	47	13	40	30	30	20	50
60-64	60	65	42	70	25	35	37	52	10	45	28	35
65-69	85	115	60	77	42	82	25	48	37	65	11	57
70+	255	315	307	387	332	419	338	453	327	452	329	469
TOTAL	840	930	814	918	774	889	727	850	673	805	613	753
TOTAL	1769		1732		1663		1577		1478		1366	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		-1	-7					
5-9	0.999919	0.999931		0	-7					
10-14	0.999828	0.999880		-5	0					
15-19	0.999457	0.999689	0.0612	-2	5	2	2	1	1	1
20-24	0.999036	0.999418	0.3801	-17	-27	11	15	11	9	6
25-29	0.998868	0.999579	0.8009	3	5	24	2	10	2	-4
30-34	0.998687	0.999520	0.6208	5	5	28	22	5	11	5
35-39	0.998757	0.999240	0.2312	-2	5	7	12	9	3	5
40-44	0.998077	0.998940	0.0394	-2	-2	2	1	2	2	1
45-49	0.997526	0.998567	0.0016	3	3	0	0	0	0	0
50-54	0.996162	0.997438		-7	-5					
55-59	0.994412	0.996295		-2	5					
60-64	0.990746	0.994351		0	13					
65-69	0.986250	0.990957		16	8					
70+	0.948021	0.954656		-34	-36					
TOTAL				-49	-37	74	53	39	27	14
TOTAL				-85						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **VULCAN COUNTY**

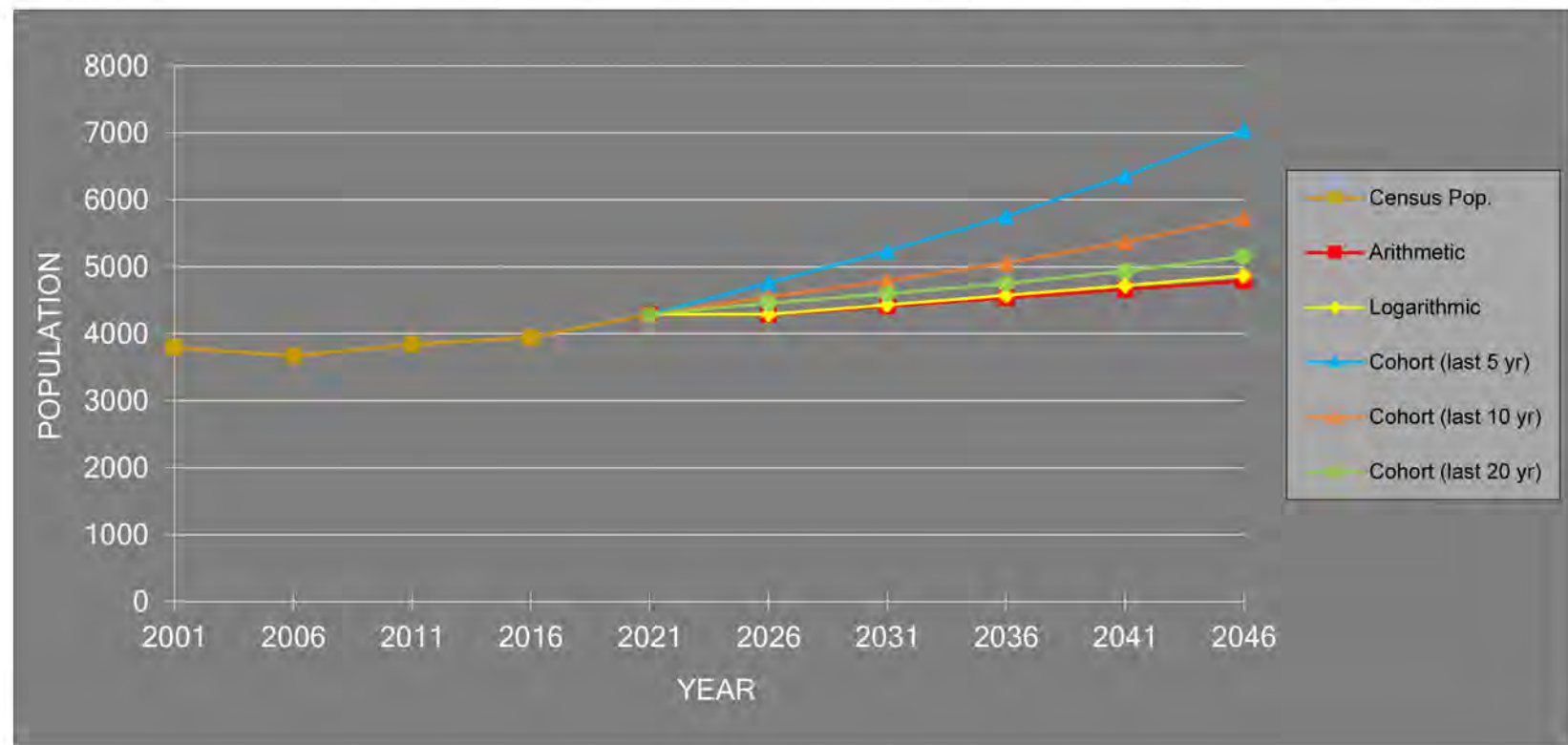
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	145	150	129	124	125	120	129	124	136	131	147	141
5-9	135	160	181	188	166	163	162	159	165	162	173	169
10-14	200	155	138	166	184	195	168	169	164	165	168	169
15-19	140	170	215	164	153	175	199	204	183	178	179	174
20-24	90	120	119	154	194	147	131	159	178	187	162	161
25-29	110	115	37	82	66	116	141	110	79	121	125	150
30-34	110	115	114	121	41	89	70	122	145	116	83	128
35-39	115	125	121	132	125	139	53	106	81	140	156	134
40-44	140	130	119	131	125	139	129	145	56	112	85	146
45-49	130	115	149	131	127	132	134	140	137	146	65	114
50-54	120	135	146	122	165	139	144	140	150	147	153	154
55-59	135	145	114	144	140	131	158	147	137	148	143	156
60-64	175	150	130	132	109	131	135	118	153	135	132	136
65-69	150	125	178	148	133	131	112	129	138	117	156	133
70+	230	210	291	260	377	331	414	382	429	428	468	461
TOTAL	2115	2120	2181	2202	2230	2278	2278	2354	2332	2435	2395	2524
TOTAL	4237		4383		4507		4632		4767		4919	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		37	39					
5-9	0.999919	0.999931		3	6					
10-14	0.999828	0.999880		15	9					
15-19	0.999457	0.999689	0.0612	-21	-16	10	10	11	12	11
20-24	0.999036	0.999418	0.3801	-52	-37	46	58	56	60	71
25-29	0.998868	0.999579	0.8009	4	6	92	66	93	88	97
30-34	0.998687	0.999520	0.6208	11	18	71	75	55	76	72
35-39	0.998757	0.999240	0.2312	4	6	29	31	32	25	32
40-44	0.998077	0.998940	0.0394	9	1	5	5	5	6	4
45-49	0.997526	0.998567	0.0016	16	8	0	0	0	0	0
50-54	0.996162	0.997438		-6	9					
55-59	0.994412	0.996295		-4	-12					
60-64	0.990746	0.994351		5	-1					
65-69	0.986250	0.990957		-14	-9					
70+	0.948021	0.954656		-61	-55					
TOTAL				-55	-29	254	246	253	267	288
TOTAL				-84						

* Migration Period: 20-year average (2001 – 2021)

COUNTY OF WARNER

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	3798					
2006	3674					
2011	3841					
2016	3947					
2021	4290	4290	4290	4290	4290	4290
2026		4287	4292	4764	4552	4460
2031		4413	4429	5234	4795	4600
2036		4539	4571	5754	5059	4750
2041		4664	4718	6360	5374	4936
2046		4790	4869	7036	5730	5155



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: COUNTY OF WARNER

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	185	175	132	126	136	131	165	159	211	203	250	240
5-9	215	175	250	234	196	186	201	191	230	218	276	262
10-14	180	215	260	190	295	250	241	201	246	206	275	233
15-19	185	175	215	260	295	235	330	295	276	246	281	251
20-24	130	125	200	210	230	295	310	270	345	329	291	281
25-29	110	130	100	85	170	170	200	255	280	230	314	289
30-34	130	125	110	120	100	75	170	160	200	245	280	220
35-39	130	125	140	140	120	135	110	90	180	175	210	260
40-44	90	110	160	135	170	150	150	145	140	100	210	185
45-49	110	120	105	125	175	150	185	165	165	160	155	115
50-54	125	115	120	130	115	135	185	160	194	175	175	170
55-59	125	125	140	125	135	140	130	145	199	170	209	184
60-64	150	135	125	110	139	110	134	125	129	130	198	154
65-69	115	105	149	125	124	100	139	100	134	114	129	119
70+	190	175	206	238	255	318	277	370	312	419	341	480
TOTAL	2170	2120	2411	2353	2656	2579	2926	2828	3241	3118	3593	3444
TOTAL	4290		4764		5234		5754		6360		7036	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		65	60					
5-9	0.999919	0.999931		45	15					
10-14	0.999828	0.999880		35	45					
15-19	0.999457	0.999689	0.0620	15	35	11	16	15	18	15
20-24	0.999036	0.999418	0.3697	-30	-40	46	78	109	100	122
25-29	0.998868	0.999579	0.6488	0	-10	84	55	110	165	149
30-34	0.998687	0.999520	0.6206	10	15	78	74	47	99	152
35-39	0.998757	0.999240	0.2673	30	10	33	37	36	24	47
40-44	0.998077	0.998940	0.0489	15	15	5	7	7	7	5
45-49	0.997526	0.998567	0.0033	10	10	0	0	0	1	1
50-54	0.996162	0.997438		15	10					
55-59	0.994412	0.996295		0	-15					
60-64	0.990746	0.994351		1	-9					
65-69	0.986250	0.990957		-9	1					
70+	0.948021	0.954656		-79	-34					
TOTAL				125	108	258	268	324	414	490
TOTAL				233						

* Migration Period: 5-year average (2016 – 2021)

Municipality: COUNTY OF WARNER

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	185	175	132	126	129	124	144	139	172	165	196	188
5-9	215	175	245	230	192	181	189	179	204	193	232	220
10-14	180	215	233	188	263	242	209	194	207	191	222	206
15-19	185	175	185	227	238	200	268	255	214	206	212	204
20-24	130	125	185	187	185	240	238	213	268	267	214	219
25-29	110	130	87	90	142	152	142	205	195	178	225	232
30-34	130	125	107	108	85	68	140	130	140	182	192	155
35-39	130	125	130	145	107	128	85	88	140	150	140	202
40-44	90	110	142	122	142	142	120	125	98	85	152	147
45-49	110	120	95	120	147	132	147	152	125	135	102	95
50-54	125	115	117	122	102	122	155	135	155	155	132	137
55-59	125	125	130	117	122	125	107	125	159	137	159	157
60-64	150	135	120	112	125	105	117	112	102	112	154	125
65-69	115	105	144	125	115	102	119	95	112	102	97	102
70+	190	175	249	230	334	303	385	349	438	387	480	429
TOTAL	2170	2120	2302	2251	2428	2367	2565	2494	2728	2646	2911	2819
TOTAL	4290		4552		4795		5059		5374		5730	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		60	55					
5-9	0.999919	0.999931		18	13					
10-14	0.999828	0.999880		5	13					
15-19	0.999457	0.999689	0.0620	0	13	11	14	12	16	13
20-24	0.999036	0.999418	0.3697	-42	-35	46	69	89	79	99
25-29	0.998868	0.999579	0.6488	-2	-22	84	58	99	133	115
30-34	0.998687	0.999520	0.6206	0	20	78	67	42	81	113
35-39	0.998757	0.999240	0.2673	13	-2	33	39	34	23	40
40-44	0.998077	0.998940	0.0489	5	10	5	6	7	6	4
45-49	0.997526	0.998567	0.0033	8	3	0	0	0	1	0
50-54	0.996162	0.997438		5	3					
55-59	0.994412	0.996295		-4	-12					
60-64	0.990746	0.994351		-4	-10					
65-69	0.986250	0.990957		-7	-2					
70+	0.948021	0.954656		-38	-39					
TOTAL				16	6	258	254	283	338	385
TOTAL				21						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **COUNTY OF WARNER**

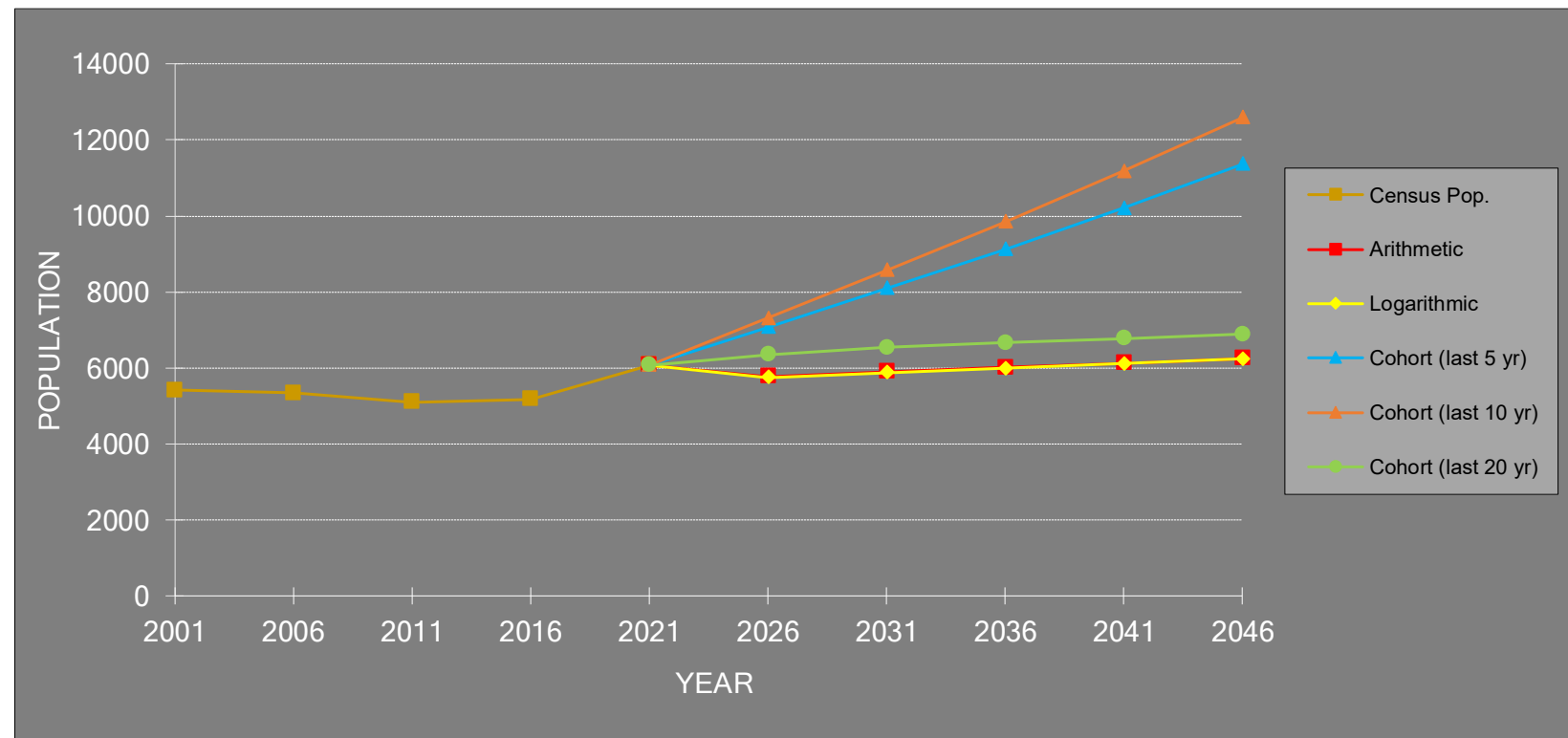
AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	185	175	132	126	124	119	133	127	154	148	173	166
5-9	215	175	243	224	189	176	182	169	190	177	212	197
10-14	180	215	228	184	255	233	202	185	195	178	203	186
15-19	185	175	182	224	230	193	258	242	204	194	197	187
20-24	130	125	174	177	171	226	219	195	246	245	193	196
25-29	110	130	71	81	115	134	112	182	160	151	187	201
30-34	130	125	99	109	60	60	104	112	101	161	149	130
35-39	130	125	131	141	100	125	61	76	105	129	102	177
40-44	90	110	140	125	141	141	110	125	71	76	115	129
45-49	110	120	89	115	139	130	140	146	109	130	70	81
50-54	125	115	114	121	92	116	142	131	143	147	112	131
55-59	125	125	127	120	116	126	95	121	144	136	146	152
60-64	150	135	124	111	126	106	115	112	94	107	143	122
65-69	115	105	139	128	113	105	115	100	104	106	83	101
70+	190	175	252	229	335	303	388	350	440	391	479	435
TOTAL	2170	2120	2244	2216	2307	2293	2375	2375	2461	2475	2564	2591
TOTAL	4290		4460		4600		4750		4936		5155	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		58	50					
5-9	0.999919	0.999931		13	9					
10-14	0.999828	0.999880		3	9					
15-19	0.999457	0.999689	0.0620	-11	3	11	14	12	15	12
20-24	0.999036	0.999418	0.3697	-59	-44	46	66	84	72	90
25-29	0.998868	0.999579	0.6488	-11	-21	84	53	87	118	98
30-34	0.998687	0.999520	0.6206	1	16	78	68	37	70	100
35-39	0.998757	0.999240	0.2673	10	0	33	38	33	20	34
40-44	0.998077	0.998940	0.0489	-1	5	5	6	7	6	4
45-49	0.997526	0.998567	0.0033	4	1	0	0	0	0	0
50-54	0.996162	0.997438		3	5					
55-59	0.994412	0.996295		-1	-13					
60-64	0.990746	0.994351		-9	-6					
65-69	0.986250	0.990957		-4	-5					
70+	0.948021	0.954656		-37	-38					
TOTAL				-42	-29	258	244	260	302	339
TOTAL				-71						

* Migration Period: 20-year average (2001 – 2021)

M.D. OF WILLOW CREEK

Year	Census Pop.	Arithmetic	Logarithmic	Cohort (last 5 yr)	Cohort (last 10 yr)	Cohort (last 20 yr)
2001	5412					
2006	5337					
2011	5107					
2016	5179					
2021	6081	6081	6081	6081	6081	6081
2026		5777	5753	7079	7313	6346
2031		5895	5871	8092	8566	6539
2036		6013	5991	9123	9849	6667
2041		6131	6114	10203	11183	6769
2046		6249	6239	11368	12591	6888



POPULATION PROJECTION: COHORT SURVIVAL - 5 YEAR

Municipality: **M.D. OF WILLOW CREEK**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	220	210	217	208	243	234	264	254	301	289	355	341
5-9	225	215	271	258	268	256	295	282	316	302	352	337
10-14	220	200	280	265	327	308	323	306	350	332	371	352
15-19	200	180	250	210	310	275	357	318	353	316	380	342
20-24	130	180	190	175	240	205	300	270	346	313	343	311
25-29	160	165	75	190	135	185	185	215	245	280	291	323
30-34	135	160	175	180	90	205	150	200	200	230	260	295
35-39	170	155	140	210	180	230	95	255	155	250	205	280
40-44	160	165	190	175	160	230	200	250	115	275	175	270
45-49	165	145	180	200	210	210	180	265	220	285	135	310
50-54	160	190	205	160	220	215	250	225	220	279	259	299
55-59	215	215	190	220	234	190	249	244	279	254	249	309
60-64	225	225	225	255	199	259	244	229	259	284	288	294
65-69	235	240	249	235	249	264	224	269	268	239	282	293
70+	405	425	581	722	761	1000	932	1295	1069	1581	1243	1824
TOTAL	3015	3065	3417	3662	3826	4266	4246	4877	4694	5509	5188	6180
TOTAL	6081		7079		8092		9123		10203		11368	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		52	48					
5-9	0.999919	0.999931		55	50					
10-14	0.999828	0.999880		30	10					
15-19	0.999457	0.999689	0.1017	-10	-5	18	21	28	32	32
20-24	0.999036	0.999418	0.5237	-55	10	94	92	107	141	164
25-29	0.998868	0.999579	0.9853	15	15	163	187	182	212	276
30-34	0.998687	0.999520	0.6492	5	50	104	117	133	130	149
35-39	0.998757	0.999240	0.2433	20	20	38	51	56	62	61
40-44	0.998077	0.998940	0.0511	20	35	8	9	12	13	14
45-49	0.997526	0.998567	0.0018	40	15	0	0	0	0	1
50-54	0.996162	0.997438		30	30					
55-59	0.994412	0.996295		11	40					
60-64	0.990746	0.994351		26	11					
65-69	0.986250	0.990957		-3	31					
70+	0.948021	0.954656		-32	47					
TOTAL				205	409	425	477	519	591	697
TOTAL				614						

* Migration Period: 5-year average (2016 – 2021)

Municipality: **M.D. OF WILLOW CREEK**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	220	210	217	208	248	239	279	268	320	308	373	359
5-9	225	215	262	251	259	249	290	279	321	308	362	348
10-14	220	200	255	263	292	298	289	297	321	327	351	356
15-19	200	180	265	210	300	273	337	308	334	306	366	337
20-24	130	180	207	192	272	222	308	285	345	321	341	319
25-29	160	165	97	192	175	205	240	235	275	297	312	333
30-34	135	160	182	180	120	207	197	220	262	250	297	312
35-39	170	155	162	205	210	225	147	252	225	265	289	295
40-44	160	165	200	170	192	220	240	240	177	267	254	280
45-49	165	145	177	190	217	195	210	245	257	265	195	292
50-54	160	190	202	177	215	222	254	227	247	277	294	297
55-59	215	215	207	227	249	215	262	259	301	264	294	314
60-64	225	225	237	260	229	272	271	259	283	304	323	309
65-69	235	240	279	269	291	304	283	316	325	303	337	348
70+	405	425	648	719	922	1028	1194	1358	1443	1684	1721	1984
TOTAL	3015	3065	3600	3714	4193	4373	4801	5048	5436	5747	6110	6482
TOTAL	6081		7313		8566		9849		11183		12591	

AGE GROUP (cohort)	SURVIVAL RATIO		FERTILITY RATE	*MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		42	41					
5-9	0.999919	0.999931		30	48					
10-14	0.999828	0.999880		45	10					
15-19	0.999457	0.999689	0.1017	8	13	18	21	28	31	31
20-24	0.999036	0.999418	0.5237	-32	13	94	101	116	149	168
25-29	0.998868	0.999579	0.9853	23	15	163	190	202	231	293
30-34	0.998687	0.999520	0.6492	28	45	104	117	135	143	162
35-39	0.998757	0.999240	0.2433	30	15	38	50	55	61	64
40-44	0.998077	0.998940	0.0511	18	25	8	9	11	12	14
45-49	0.997526	0.998567	0.0018	38	33	0	0	0	0	0
50-54	0.996162	0.997438		48	38					
55-59	0.994412	0.996295		23	45					
60-64	0.990746	0.994351		56	46					
65-69	0.986250	0.990957		12	31					
70+	0.948021	0.954656		21	44					
TOTAL				388	460	425	488	547	629	733
TOTAL				848						

* Migration Period: 10-year average (2011 – 2021)

Municipality: **M.D. OF WILLOW CREEK**

AGE GROUP (cohort)	2021 BASE POPULATION		2026 PROJECTION		2031 PROJECTION		2036 PROJECTION		2041 PROJECTION		2046 PROJECTION	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-4	220	210	217	208	196	188	170	163	163	156	177	170
5-9	225	215	243	242	240	240	219	220	193	195	186	188
10-14	220	200	238	224	256	251	253	249	231	229	206	204
15-19	200	180	236	180	254	204	272	231	269	229	248	209
20-24	130	180	169	147	205	147	223	171	241	198	237	197
25-29	160	165	41	129	80	96	116	96	134	120	152	147
30-34	135	160	155	165	36	129	75	96	111	96	129	120
35-39	170	155	146	187	166	192	48	156	86	124	122	124
40-44	160	165	184	166	160	199	180	204	62	167	100	135
45-49	165	145	160	161	184	162	160	195	180	200	62	164
50-54	160	190	167	137	162	154	186	155	162	187	182	192
55-59	215	215	177	200	185	147	180	163	203	165	180	197
60-64	225	225	202	217	165	202	172	150	167	166	190	167
65-69	235	240	239	231	216	223	179	208	186	156	181	172
70+	405	425	559	618	708	793	827	952	903	1089	983	1169
TOTAL	3015	3065	3133	3213	3212	3328	3258	3410	3291	3478	3334	3554
TOTAL	6081		6346		6539		6667		6769		6888	

AGE (cohort)	SURVIVAL RATIO		FERTILITY RATE	20 YR AVG (96-2016) MIGRATION RATE		2026 BABIES M & F	2031 BABIES M & F	2036 BABIES M & F	2041 BABIES M & F	2046 BABIES M & F
	Male	Female		Male	Female					
0-4	0.998810	0.998966		23	32					
5-9	0.999919	0.999931		13	9					
10-14	0.999828	0.999880		16	-20					
15-19	0.999457	0.999689	0.1017	-31	-32	18	18	21	23	23
20-24	0.999036	0.999418	0.5237	-89	-51	94	77	77	90	104
25-29	0.998868	0.999579	0.9853	-5	0	163	127	95	95	118
30-34	0.998687	0.999520	0.6492	11	28	104	107	84	62	62
35-39	0.998757	0.999240	0.2433	14	11	38	46	47	38	30
40-44	0.998077	0.998940	0.0511	0	-4	8	8	10	10	9
45-49	0.997526	0.998567	0.0018	3	-7	0	0	0	0	0
50-54	0.996162	0.997438		18	10					
55-59	0.994412	0.996295		-12	3					
60-64	0.990746	0.994351		16	7					
65-69	0.986250	0.990957		-11	3					
70+	0.948021	0.954656		-46	-29					
TOTAL				-79	-40	425	384	334	319	347
TOTAL				-119						

* Migration Period: 20-year average (2001 – 2021)

APPENDIX A - ARITHMETIC STRAIGHT LINE TREND CALCULATIONS

A	B	C	D	E	F	G	H	I	J	K	L	M
MUNICIPALITY	2001	2006	2011	2016	2021	2026	2031	2036	2041	2046	INTERCEPT	SLOPE
Arrowwood	196	221	188	207	188	=L2+(M2*3)	=L2+(M2*4)	=L2+(M2*5)	=L2+(M2*6)	=L2+(M2*7)	=SUM(B2:F2)/5	=(B2*-2)+(C2*-1)+(D2*0)+(E2*1)+(F2*2))/10
Barnwell	548	613	771	947	978	=L3+(M3*3)	=L3+(M3*4)	=L3+(M3*5)	=L3+(M3*6)	=L3+(M3*7)	=SUM(B3:F3)/5	=(B3*-2)+(C3*-1)+(D3*0)+(E3*1)+(F3*2))/10
Barons	284	276	315	341	313	=L4+(M4*3)	=L4+(M4*4)	=L4+(M4*5)	=L4+(M4*6)	=L4+(M4*7)	=SUM(B4:F4)/5	=(B4*-2)+(C4*-1)+(D4*0)+(E4*1)+(F4*2))/10
Bassano	1320	1345	1282	1206	1216	=L5+(M5*3)	=L5+(M5*4)	=L5+(M5*5)	=L5+(M5*6)	=L5+(M5*7)	=SUM(B5:F5)/5	=(B5*-2)+(C5*-1)+(D5*0)+(E5*1)+(F5*2))/10
Brooks	11604	12498	13676	14451	14924	=L6+(M6*3)	=L6+(M6*4)	=L6+(M6*5)	=L6+(M6*6)	=L6+(M6*7)	=SUM(B6:F6)/5	=(B6*-2)+(C6*-1)+(D6*0)+(E6*1)+(F6*2))/10
Cardston	3475	3452	3580	3585	3724	=L7+(M7*3)	=L7+(M7*4)	=L7+(M7*5)	=L7+(M7*6)	=L7+(M7*7)	=SUM(B7:F7)/5	=(B7*-2)+(C7*-1)+(D7*0)+(E7*1)+(F7*2))/10
Carmangay	255	336	367	242	269	=L8+(M8*3)	=L8+(M8*4)	=L8+(M8*5)	=L8+(M8*6)	=L8+(M8*7)	=SUM(B8:F8)/5	=(B8*-2)+(C8*-1)+(D8*0)+(E8*1)+(F8*2))/10
Champion	355	364	378	317	351	=L9+(M9*3)	=L9+(M9*4)	=L9+(M9*5)	=L9+(M9*6)	=L9+(M9*7)	=SUM(B9:F9)/5	=(B9*-2)+(C9*-1)+(D9*0)+(E9*1)+(F9*2))/10
Clareholm	3622	3700	3758	3780	3804	=L10+(M10*3)	=L10+(M10*4)	=L10+(M10*5)	=L10+(M10*6)	=L10+(M10*7)	=SUM(B10:F10)/5	=(B10*-2)+(C10*-1)+(D10*0)+(E10*1)+(F10*2))/10
Coaldale	6008	6177	7493	8215	8771	=L11+(M11*3)	=L11+(M11*4)	=L11+(M11*5)	=L11+(M11*6)	=L11+(M11*7)	=SUM(B11:F11)/5	=(B11*-2)+(C11*-1)+(D11*0)+(E11*1)+(F11*2))/10
Coalhurst	1476	1523	1963	2668	2869	=L12+(M12*3)	=L12+(M12*4)	=L12+(M12*5)	=L12+(M12*6)	=L12+(M12*7)	=SUM(B12:F12)/5	=(B12*-2)+(C12*-1)+(D12*0)+(E12*1)+(F12*2))/10
Coutts	364	305	277	245	224	=L13+(M13*3)	=L13+(M13*4)	=L13+(M13*5)	=L13+(M13*6)	=L13+(M13*7)	=SUM(B13:F13)/5	=(B13*-2)+(C13*-1)+(D13*0)+(E13*1)+(F13*2))/10
Cowley	225	219	236	209	216	=L14+(M14*3)	=L14+(M14*4)	=L14+(M14*5)	=L14+(M14*6)	=L14+(M14*7)	=SUM(B14:F14)/5	=(B14*-2)+(C14*-1)+(D14*0)+(E14*1)+(F14*2))/10
Crowsnest Pass	6262	5749	5565	5589	5695	=L15+(M15*3)	=L15+(M15*4)	=L15+(M15*5)	=L15+(M15*6)	=L15+(M15*7)	=SUM(B15:F15)/5	=(B15*-2)+(C15*-1)+(D15*0)+(E15*1)+(F15*2))/10
Duchess	836	978	992	1085	1053	=L16+(M16*3)	=L16+(M16*4)	=L16+(M16*5)	=L16+(M16*6)	=L16+(M16*7)	=SUM(B16:F16)/5	=(B16*-2)+(C16*-1)+(D16*0)+(E16*1)+(F16*2))/10
Fort Macleod	2990	3072	3117	2967	3297	=L17+(M17*3)	=L17+(M17*4)	=L17+(M17*5)	=L17+(M17*6)	=L17+(M17*7)	=SUM(B17:F17)/5	=(B17*-2)+(C17*-1)+(D17*0)+(E17*1)+(F17*2))/10
Glenwood	258	280	287	316	272	=L18+(M18*3)	=L18+(M18*4)	=L18+(M18*5)	=L18+(M18*6)	=L18+(M18*7)	=SUM(B18:F18)/5	=(B18*-2)+(C18*-1)+(D18*0)+(E18*1)+(F18*2))/10
Granum	392	415	447	406	0	0	0	0	0	0	0	0
Grassy Lake	0	0	0	0	0	0	0	0	0	0	0	0
Hill Spring	193	192	186	162	168	=L21+(M21*3)	=L21+(M21*4)	=L21+(M21*5)	=L21+(M21*6)	=L21+(M21*7)	=SUM(B21:F21)/5	=(B21*-2)+(C21*-1)+(D21*0)+(E21*1)+(F21*2))/10
Lethbridge	67374	74637	83517	92729	98406	=L22+(M22*3)	=L22+(M22*4)	=L22+(M22*5)	=L22+(M22*6)	=L22+(M22*7)	=SUM(B22:F22)/5	=(B22*-2)+(C22*-1)+(D22*0)+(E22*1)+(F22*2))/10
Lomond	171	175	173	166	178	=L23+(M23*3)	=L23+(M23*4)	=L23+(M23*5)	=L23+(M23*6)	=L23+(M23*7)	=SUM(B23:F23)/5	=(B23*-2)+(C23*-1)+(D23*0)+(E23*1)+(F23*2))/10
Magrath	1993	2081	2217	2374	2481	=L24+(M24*3)	=L24+(M24*4)	=L24+(M24*5)	=L24+(M24*6)	=L24+(M24*7)	=SUM(B24:F24)/5	=(B24*-2)+(C24*-1)+(D24*0)+(E24*1)+(F24*2))/10
Milk River	879	816	811	827	824	=L25+(M25*3)	=L25+(M25*4)	=L25+(M25*5)	=L25+(M25*6)	=L25+(M25*7)	=SUM(B25:F25)/5	=(B25*-2)+(C25*-1)+(D25*0)+(E25*1)+(F25*2))/10
Milo	115	100	122	91	136	=L26+(M26*3)	=L26+(M26*4)	=L26+(M26*5)	=L26+(M26*6)	=L26+(M26*7)	=SUM(B26:F26)/5	=(B26*-2)+(C26*-1)+(D26*0)+(E26*1)+(F26*2))/10
Nanton	1841	2055	2132	2181	2167	=L27+(M27*3)	=L27+(M27*4)	=L27+(M27*5)	=L27+(M27*6)	=L27+(M27*7)	=SUM(B27:F27)/5	=(B27*-2)+(C27*-1)+(D27*0)+(E27*1)+(F27*2))/10
Nobleford	615	689	1000	1278	1438	=L28+(M28*3)	=L28+(M28*4)	=L28+(M28*5)	=L28+(M28*6)	=L28+(M28*7)	=SUM(B28:F28)/5	=(B28*-2)+(C28*-1)+(D28*0)+(E28*1)+(F28*2))/10
Picture Butte	1701	1592	1650	1810	1930	=L29+(M29*3)	=L29+(M29*4)	=L29+(M29*5)	=L29+(M29*6)	=L29+(M29*7)	=SUM(B29:F29)/5	=(B29*-2)+(C29*-1)+(D29*0)+(E29*1)+(F29*2))/10
Pincher Creek	3666	3625	3685	3642	3622	=L30+(M30*3)	=L30+(M30*4)	=L30+(M30*5)	=L30+(M30*6)	=L30+(M30*7)	=SUM(B30:F30)/5	=(B30*-2)+(C30*-1)+(D30*0)+(E30*1)+(F30*2))/10
Raymond	3200	3205	3743	3708	4199	=L31+(M31*3)	=L31+(M31*4)	=L31+(M31*5)	=L31+(M31*6)	=L31+(M31*7)	=SUM(B31:F31)/5	=(B31*-2)+(C31*-1)+(D31*0)+(E31*1)+(F31*2))/10
Stavely	442	435	505	541	544	=L32+(M32*3)	=L32+(M32*4)	=L32+(M32*5)	=L32+(M32*6)	=L32+(M32*7)	=SUM(B32:F32)/5	=(B32*-2)+(C32*-1)+(D32*0)+(E32*1)+(F32*2))/10
Stirling	877	921	1090	978	1164	=L33+(M33*3)	=L33+(M33*4)	=L33+(M33*5)	=L33+(M33*6)	=L33+(M33*7)	=SUM(B33:F33)/5	=(B33*-2)+(C33*-1)+(D33*0)+(E33*1)+(F33*2))/10
Taber	7671	7591	8104	8428	8862	=L34+(M34*3)	=L34+(M34*4)	=L34+(M34*5)	=L34+(M34*6)	=L34+(M34*7)	=SUM(B34:F34)/5	=(B34*-2)+(C34*-1)+(D34*0)+(E34*1)+(F34*2))/10
Vauxhall	1112	1069	1288	1222	1286	=L35+(M35*3)	=L35+(M35*4)	=L35+(M35*5)	=L35+(M35*6)	=L35+(M35*7)	=SUM(B35:F35)/5	=(B35*-2)+(C35*-1)+(D35*0)+(E35*1)+(F35*2))/10
Vulcan	1762	1940	1836	1917	1769	=L36+(M36*3)	=L36+(M36*4)	=L36+(M36*5)	=L36+(M36*6)	=L36+(M36*7)	=SUM(B36:F36)/5	=(B36*-2)+(C36*-1)+(D36*0)+(E36*1)+(F36*2))/10
Warner	379	307	331	373	364	=L37+(M37*3)	=L37+(M37*4)	=L37+(M37*5)	=L37+(M37*6)	=L37+(M37*7)	=SUM(B37:F37)/5	=(B37*-2)+(C37*-1)+(D37*0)+(E37*1)+(F37*2))/10
Cardston County	4325	4037	4167	4481	4856	=L38+(M38*3)	=L38+(M38*4)	=L38+(M38*5)	=L38+(M38*6)	=L38+(M38*7)	=SUM(B38:F38)/5	=(B38*-2)+(C38*-1)+(D38*0)+(E38*1)+(F38*2))/10
Lethbridge County	9930	10302	10061	10353	10120	=L39+(M39*3)	=L39+(M39*4)	=L39+(M39*5)	=L39+(M39*6)	=L39+(M39*7)	=SUM(B39:F39)/5	=(B39*-2)+(C39*-1)+(D39*0)+(E39*1)+(F39*2))/10
Co. Newell	7137	6862	7138	7524	7465	=L40+(M40*3)	=L40+(M40*4)	=L40+(M40*5)	=L40+(M40*6)	=L40+(M40*7)	=SUM(B40:F40)/5	=(B40*-2)+(C40*-1)+(D40*0)+(E40*1)+(F40*2))/10
M.D. Pincher Cree	3197	3309	3158	2965	3240	=L41+(M41*3)	=L41+(M41*4)	=L41+(M41*5)	=L41+(M41*6)	=L41+(M41*7)	=SUM(B41:F41)/5	=(B41*-2)+(C41*-1)+(D41*0)+(E41*1)+(F41*2))/10
M.D. Ranchland	96	86	79	92	110	=L42+(M42*3)	=L42+(M42*4)	=L42+(M42*5)	=L42+(M42*6)	=L42+(M42*7)	=SUM(B42:F42)/5	=(B42*-2)+(C42*-1)+(D42*0)+(E42*1)+(F42*2))/10
M.D. Taber	6012	6280	6851	7098	7447	=L43+(M43*3)	=L43+(M43*4)	=L43+(M43*5)	=L43+(M43*6)	=L43+(M43*7)	=SUM(B43:F43)/5	=(B43*-2)+(C43*-1)+(D43*0)+(E43*1)+(F43*2))/10
Vulcan County	3778	3718	3875	3984	4237	=L44+(M44*3)	=L44+(M44*4)	=L44+(M44*5)	=L44+(M44*6)	=L44+(M44*7)	=SUM(B44:F44)/5	=(B44*-2)+(C44*-1)+(D44*0)+(E44*1)+(F44*2))/10
Co. Warner	3798	3674	3841	3947	4290	=L45+(M45*3)	=L45+(M45*4)	=L45+(M45*5)	=L45+(M45*6)	=L45+(M45*7)	=SUM(B45:F45)/5	=(B45*-2)+(C45*-1)+(D45*0)+(E45*1)+(F45*2))/10
M.D. Willow Creek	5412	5337	5107	5179	6081	=L46+(M46*3)	=L46+(M46*4)	=L46+(M46*5)	=L46+(M46*6)	=L46+(M46*7)	=SUM(B46:F46)/5	=(B46*-2)+(C46*-1)+(D46*0)+(E46*1)+(F46*2))/10
ORSSC Region	164386	171545	200015	213590	225548	=L47+(M47*3)	=L47+(M47*4)	=L47+(M47*5)	=L47+(M47*6)	=L47+(M47*7)	=SUM(B47:F47)/5	=(B47*-2)+(C47*-1)+(D47*0)+(E47*1)+(F47*2))/10

APPENDIX B - LOGRITHMIC STRAIGHT LINE TREND CALCULATIONS

A	B	C	D	E	F	G	H	I	J	K	L	M
MUNICIPALITY	2001	2006	2011	2016	2021	2026	2031	2036	2041	2046	INTERCEPT	SLOPE
Arrowwood	196	221	188	207	188	=EXP(L2+(M2*3))	=EXP(L2+(M2*4))	=EXP(L2+(M2*5))	=EXP(L2+(M2*6))	=EXP(L2+(M2*7))	=LN(B2)+LN(C2)+LN(D2)+LN(E2)+LN(F2))/5	=(LN(B2)*2)+(LN(C2)*1)+(LN(D2)*0)+(LN(E2)*1)+(LN(F2)*2))/10
Barnwell	548	613	771	947	978	=EXP(L3+(M3*3))	=EXP(L3+(M3*4))	=EXP(L3+(M3*5))	=EXP(L3+(M3*6))	=EXP(L3+(M3*7))	=LN(B3)+LN(C3)+LN(D3)+LN(E3)+LN(F3))/5	=(LN(B3)*2)+(LN(C3)*1)+(LN(D3)*0)+(LN(E3)*1)+(LN(F3)*2))/10
Barons	284	276	315	341	313	=EXP(L4+(M4*3))	=EXP(L4+(M4*4))	=EXP(L4+(M4*5))	=EXP(L4+(M4*6))	=EXP(L4+(M4*7))	=LN(B4)+LN(C4)+LN(D4)+LN(E4)+LN(F4))/5	=(LN(B4)*2)+(LN(C4)*1)+(LN(D4)*0)+(LN(E4)*1)+(LN(F4)*2))/10
Bassano	1320	1345	1282	1206	1216	=EXP(L5+(M5*3))	=EXP(L5+(M5*4))	=EXP(L5+(M5*5))	=EXP(L5+(M5*6))	=EXP(L5+(M5*7))	=LN(B5)+LN(C5)+LN(D5)+LN(E5)+LN(F5))/5	=(LN(B5)*2)+(LN(C5)*1)+(LN(D5)*0)+(LN(E5)*1)+(LN(F5)*2))/10
Brooks	11604	12498	13676	14451	14924	=EXP(L6+(M6*3))	=EXP(L6+(M6*4))	=EXP(L6+(M6*5))	=EXP(L6+(M6*6))	=EXP(L6+(M6*7))	=LN(B6)+LN(C6)+LN(D6)+LN(E6)+LN(F6))/5	=(LN(B6)*2)+(LN(C6)*1)+(LN(D6)*0)+(LN(E6)*1)+(LN(F6)*2))/10
Cardston	3475	3452	3580	3585	3724	=EXP(L7+(M7*3))	=EXP(L7+(M7*4))	=EXP(L7+(M7*5))	=EXP(L7+(M7*6))	=EXP(L7+(M7*7))	=LN(B7)+LN(C7)+LN(D7)+LN(E7)+LN(F7))/5	=(LN(B7)*2)+(LN(C7)*1)+(LN(D7)*0)+(LN(E7)*1)+(LN(F7)*2))/10
Carmangay	255	336	367	242	269	=EXP(L8+(M8*3))	=EXP(L8+(M8*4))	=EXP(L8+(M8*5))	=EXP(L8+(M8*6))	=EXP(L8+(M8*7))	=LN(B8)+LN(C8)+LN(D8)+LN(E8)+LN(F8))/5	=(LN(B8)*2)+(LN(C8)*1)+(LN(D8)*0)+(LN(E8)*1)+(LN(F8)*2))/10
Champion	355	364	378	317	351	=EXP(L9+(M9*3))	=EXP(L9+(M9*4))	=EXP(L9+(M9*5))	=EXP(L9+(M9*6))	=EXP(L9+(M9*7))	=LN(B9)+LN(C9)+LN(D9)+LN(E9)+LN(F9))/5	=(LN(B9)*2)+(LN(C9)*1)+(LN(D9)*0)+(LN(E9)*1)+(LN(F9)*2))/10
Claresholm	3622	3700	3758	3780	3804	=EXP(L10+(M10*3))	=EXP(L10+(M10*4))	=EXP(L10+(M10*5))	=EXP(L10+(M10*6))	=EXP(L10+(M10*7))	=LN(B10)+LN(C10)+LN(D10)+LN(E10)+LN(F10))/5	=(LN(B10)*2)+(LN(C10)*1)+(LN(D10)*0)+(LN(E10)*1)+(LN(F10)*2))/10
Coaldale	6008	6177	7493	8215	8771	=EXP(L11+(M11*3))	=EXP(L11+(M11*4))	=EXP(L11+(M11*5))	=EXP(L11+(M11*6))	=EXP(L11+(M11*7))	=LN(B11)+LN(C11)+LN(D11)+LN(E11)+LN(F11))/5	=(LN(B11)*2)+(LN(C11)*1)+(LN(D11)*0)+(LN(E11)*1)+(LN(F11)*2))/10
Coalhurst	1476	1523	1963	2668	2869	=EXP(L12+(M12*3))	=EXP(L12+(M12*4))	=EXP(L12+(M12*5))	=EXP(L12+(M12*6))	=EXP(L12+(M12*7))	=LN(B12)+LN(C12)+LN(D12)+LN(E12)+LN(F12))/5	=(LN(B12)*2)+(LN(C12)*1)+(LN(D12)*0)+(LN(E12)*1)+(LN(F12)*2))/10
Coutts	364	305	277	245	224	=EXP(L13+(M13*3))	=EXP(L13+(M13*4))	=EXP(L13+(M13*5))	=EXP(L13+(M13*6))	=EXP(L13+(M13*7))	=LN(B13)+LN(C13)+LN(D13)+LN(E13)+LN(F13))/5	=(LN(B13)*2)+(LN(C13)*1)+(LN(D13)*0)+(LN(E13)*1)+(LN(F13)*2))/10
Cowley	225	219	236	209	216	=EXP(L14+(M14*3))	=EXP(L14+(M14*4))	=EXP(L14+(M14*5))	=EXP(L14+(M14*6))	=EXP(L14+(M14*7))	=LN(B14)+LN(C14)+LN(D14)+LN(E14)+LN(F14))/5	=(LN(B14)*2)+(LN(C14)*1)+(LN(D14)*0)+(LN(E14)*1)+(LN(F14)*2))/10
Crowest Pass	6262	5749	5565	5589	5695	=EXP(L15+(M15*3))	=EXP(L15+(M15*4))	=EXP(L15+(M15*5))	=EXP(L15+(M15*6))	=EXP(L15+(M15*7))	=LN(B15)+LN(C15)+LN(D15)+LN(E15)+LN(F15))/5	=(LN(B15)*2)+(LN(C15)*1)+(LN(D15)*0)+(LN(E15)*1)+(LN(F15)*2))/10
Duchess	836	978	992	1085	1053	=EXP(L16+(M16*3))	=EXP(L16+(M16*4))	=EXP(L16+(M16*5))	=EXP(L16+(M16*6))	=EXP(L16+(M16*7))	=LN(B16)+LN(C16)+LN(D16)+LN(E16)+LN(F16))/5	=(LN(B16)*2)+(LN(C16)*1)+(LN(D16)*0)+(LN(E16)*1)+(LN(F16)*2))/10
Fort Macleod	2990	3072	3117	2967	3297	=EXP(L17+(M17*3))	=EXP(L17+(M17*4))	=EXP(L17+(M17*5))	=EXP(L17+(M17*6))	=EXP(L17+(M17*7))	=LN(B17)+LN(C17)+LN(D17)+LN(E17)+LN(F17))/5	=(LN(B17)*2)+(LN(C17)*1)+(LN(D17)*0)+(LN(E17)*1)+(LN(F17)*2))/10
Glenwood	258	280	287	316	272	=EXP(L18+(M18*3))	=EXP(L18+(M18*4))	=EXP(L18+(M18*5))	=EXP(L18+(M18*6))	=EXP(L18+(M18*7))	=LN(B18)+LN(C18)+LN(D18)+LN(E18)+LN(F18))/5	=(LN(B18)*2)+(LN(C18)*1)+(LN(D18)*0)+(LN(E18)*1)+(LN(F18)*2))/10
Granum	392	415	447	406	0	0	0	0	0	0	0	0
Grassy Lake	0	0	0	0	0	0	0	0	0	0	0	0
Hill Spring	193	192	186	162	168	=EXP(L21+(M21*3))	=EXP(L21+(M21*4))	=EXP(L21+(M21*5))	=EXP(L21+(M21*6))	=EXP(L21+(M21*7))	=LN(B21)+LN(C21)+LN(D21)+LN(E21)+LN(F21))/5	=(LN(B21)*2)+(LN(C21)*1)+(LN(D21)*0)+(LN(E21)*1)+(LN(F21)*2))/10
Lethbridge	67374	74637	83517	92729	98406	=EXP(L22+(M22*3))	=EXP(L22+(M22*4))	=EXP(L22+(M22*5))	=EXP(L22+(M22*6))	=EXP(L22+(M22*7))	=LN(B22)+LN(C22)+LN(D22)+LN(E22)+LN(F22))/5	=(LN(B22)*2)+(LN(C22)*1)+(LN(D22)*0)+(LN(E22)*1)+(LN(F22)*2))/10
Lomond	171	175	173	166	178	=EXP(L23+(M23*3))	=EXP(L23+(M23*4))	=EXP(L23+(M23*5))	=EXP(L23+(M23*6))	=EXP(L23+(M23*7))	=LN(B23)+LN(C23)+LN(D23)+LN(E23)+LN(F23))/5	=(LN(B23)*2)+(LN(C23)*1)+(LN(D23)*0)+(LN(E23)*1)+(LN(F23)*2))/10
Magrath	1993	2081	2217	2374	2481	=EXP(L24+(M24*3))	=EXP(L24+(M24*4))	=EXP(L24+(M24*5))	=EXP(L24+(M24*6))	=EXP(L24+(M24*7))	=LN(B24)+LN(C24)+LN(D24)+LN(E24)+LN(F24))/5	=(LN(B24)*2)+(LN(C24)*1)+(LN(D24)*0)+(LN(E24)*1)+(LN(F24)*2))/10
Milk River	879	816	811	827	824	=EXP(L25+(M25*3))	=EXP(L25+(M25*4))	=EXP(L25+(M25*5))	=EXP(L25+(M25*6))	=EXP(L25+(M25*7))	=LN(B25)+LN(C25)+LN(D25)+LN(E25)+LN(F25))/5	=(LN(B25)*2)+(LN(C25)*1)+(LN(D25)*0)+(LN(E25)*1)+(LN(F25)*2))/10
Milo	115	100	122	91	136	=EXP(L26+(M26*3))	=EXP(L26+(M26*4))	=EXP(L26+(M26*5))	=EXP(L26+(M26*6))	=EXP(L26+(M26*7))	=LN(B26)+LN(C26)+LN(D26)+LN(E26)+LN(F26))/5	=(LN(B26)*2)+(LN(C26)*1)+(LN(D26)*0)+(LN(E26)*1)+(LN(F26)*2))/10
Nanton	1841	2055	2132	2181	2167	=EXP(L27+(M27*3))	=EXP(L27+(M27*4))	=EXP(L27+(M27*5))	=EXP(L27+(M27*6))	=EXP(L27+(M27*7))	=LN(B27)+LN(C27)+LN(D27)+LN(E27)+LN(F27))/5	=(LN(B27)*2)+(LN(C27)*1)+(LN(D27)*0)+(LN(E27)*1)+(LN(F27)*2))/10
Nobleford	615	689	1000	1278	1438	=EXP(L28+(M28*3))	=EXP(L28+(M28*4))	=EXP(L28+(M28*5))	=EXP(L28+(M28*6))	=EXP(L28+(M28*7))	=LN(B28)+LN(C28)+LN(D28)+LN(E28)+LN(F28))/5	=(LN(B28)*2)+(LN(C28)*1)+(LN(D28)*0)+(LN(E28)*1)+(LN(F28)*2))/10
Picture Butte	1701	1592	1650	1810	1930	=EXP(L29+(M29*3))	=EXP(L29+(M29*4))	=EXP(L29+(M29*5))	=EXP(L29+(M29*6))	=EXP(L29+(M29*7))	=LN(B29)+LN(C29)+LN(D29)+LN(E29)+LN(F29))/5	=(LN(B29)*2)+(LN(C29)*1)+(LN(D29)*0)+(LN(E29)*1)+(LN(F29)*2))/10
Pincher Creek	3666	3625	3685	3642	3622	=EXP(L30+(M30*3))	=EXP(L30+(M30*4))	=EXP(L30+(M30*5))	=EXP(L30+(M30*6))	=EXP(L30+(M30*7))	=LN(B30)+LN(C30)+LN(D30)+LN(E30)+LN(F30))/5	=(LN(B30)*2)+(LN(C30)*1)+(LN(D30)*0)+(LN(E30)*1)+(LN(F30)*2))/10
Raymond	3200	3205	3743	3708	4199	=EXP(L31+(M31*3))	=EXP(L31+(M31*4))	=EXP(L31+(M31*5))	=EXP(L31+(M31*6))	=EXP(L31+(M31*7))	=LN(B31)+LN(C31)+LN(D31)+LN(E31)+LN(F31))/5	=(LN(B31)*2)+(LN(C31)*1)+(LN(D31)*0)+(LN(E31)*1)+(LN(F31)*2))/10
Stavely	442	435	505	541	544	=EXP(L32+(M32*3))	=EXP(L32+(M32*4))	=EXP(L32+(M32*5))	=EXP(L32+(M32*6))	=EXP(L32+(M32*7))	=LN(B32)+LN(C32)+LN(D32)+LN(E32)+LN(F32))/5	=(LN(B32)*2)+(LN(C32)*1)+(LN(D32)*0)+(LN(E32)*1)+(LN(F32)*2))/10
Stirling	877	921	1090	978	1164	=EXP(L33+(M33*3))	=EXP(L33+(M33*4))	=EXP(L33+(M33*5))	=EXP(L33+(M33*6))	=EXP(L33+(M33*7))	=LN(B33)+LN(C33)+LN(D33)+LN(E33)+LN(F33))/5	=(LN(B33)*2)+(LN(C33)*1)+(LN(D33)*0)+(LN(E33)*1)+(LN(F33)*2))/10
Taber	7671	7591	8104	8428	8862	=EXP(L34+(M34*3))	=EXP(L34+(M34*4))	=EXP(L34+(M34*5))	=EXP(L34+(M34*6))	=EXP(L34+(M34*7))	=LN(B34)+LN(C34)+LN(D34)+LN(E34)+LN(F34))/5	=(LN(B34)*2)+(LN(C34)*1)+(LN(D34)*0)+(LN(E34)*1)+(LN(F34)*2))/10
Vauxhall	1112	1069	1288	1222	1286	=EXP(L35+(M35*3))	=EXP(L35+(M35*4))	=EXP(L35+(M35*5))	=EXP(L35+(M35*6))	=EXP(L35+(M35*7))	=LN(B35)+LN(C35)+LN(D35)+LN(E35)+LN(F35))/5	=(LN(B35)*2)+(LN(C35)*1)+(LN(D35)*0)+(LN(E35)*1)+(LN(F35)*2))/10
Vulcan	1762	1940	1836	1917	1769	=EXP(L36+(M36*3))	=EXP(L36+(M36*4))	=EXP(L36+(M36*5))	=EXP(L36+(M36*6))	=EXP(L36+(M36*7))	=LN(B36)+LN(C36)+LN(D36)+LN(E36)+LN(F36))/5	=(LN(B36)*2)+(LN(C36)*1)+(LN(D36)*0)+(LN(E36)*1)+(LN(F36)*2))/10
Warner	379	307	331	373	364	=EXP(L37+(M37*3))	=EXP(L37+(M37*4))	=EXP(L37+(M37*5))	=EXP(L37+(M37*6))	=EXP(L37+(M37*7))	=LN(B37)+LN(C37)+LN(D37)+LN(E37)+LN(F37))/5	=(LN(B37)*2)+(LN(C37)*1)+(LN(D37)*0)+(LN(E37)*1)+(LN(F37)*2))/10
Cardston County	4325	4037	4167	4481	4856	=EXP(L38+(M38*3))	=EXP(L38+(M38*4))	=EXP(L38+(M38*5))	=EXP(L38+(M38*6))	=EXP(L38+(M38*7))	=LN(B38)+LN(C38)+LN(D38)+LN(E38)+LN(F38))/5	=(LN(B38)*2)+(LN(C38)*1)+(LN(D38)*0)+(LN(E38)*1)+(LN(F38)*2))/10
Lethbridge County	9930	10302	10061	10353	10120	=EXP(L39+(M39*3))	=EXP(L39+(M39*4))	=EXP(L39+(M39*5))	=EXP(L39+(M39*6))	=EXP(L39+(M39*7))	=LN(B39)+LN(C39)+LN(D39)+LN(E39)+LN(F39))/5	=(LN(B39)*2)+(LN(C39)*1)+(LN(D39)*0)+(LN(E39)*1)+(LN(F39)*2))/10
Co. Newell	7137	6862	7138	7524	7465	=EXP(L40+(M40*3))	=EXP(L40+(M40*4))	=EXP(L40+(M40*5))	=EXP(L40+(M40*6))	=EXP(L40+(M40*7))	=LN(B40)+LN(C40)+LN(D40)+LN(E40)+LN(F40))/5	=(LN(B40)*2)+(LN(C40)*1)+(LN(D40)*0)+(LN(E40)*1)+(LN(F40)*2))/10
M.D. Pincher Cree	3197	3309	3158	2965	3240	=EXP(L41+(M41*3))	=EXP(L41+(M41*4))	=EXP(L41+(M41*5))	=EXP(L41+(M41*6))	=EXP(L41+(M41*7))	=LN(B41)+LN(C41)+LN(D41)+LN(E41)+LN(F41))/5	=(LN(B41)*2)+(LN(C41)*1)+(LN(D41)*0)+(LN(E41)*1)+(LN(F41)*2))/10
M.D. Ranchland	96	86	79	92	110	=EXP(L42+(M42*3))	=EXP(L42+(M42*4))	=EXP(L42+(M42*5))	=EXP(L42+(M42*6))	=EXP(L42+(M42*7))	=LN(B42)+LN(C42)+LN(D42)+LN(E42)+LN(F42))/5	=(LN(B42)*2)+(LN(C42)*1)+(LN(D42)*0)+(LN(E42)*1)+(LN(F42)*2))/10
M.D. Taber	6012	6280	6851	7098	7447	=EXP(L43+(M43*3))	=EXP(L43+(M43*4))	=EXP(L43+(M43*5))	=EXP(L43+(M43*6))	=EXP(L43+(M43*7))	=LN(B43)+LN(C43)+LN(D43)+LN(E43)+LN(F43))/5	=(LN(B43)*2)+(LN(C43)*1)+(LN(D43)*0)+(LN(E43)*1)+(LN(F43)*2))/10
Vulcan County	3778	3718	3875	3984	4237	=EXP(L44+(M44*3))	=EXP(L44+(M44*4))	=EXP(L44+(M44*5))	=EXP(L44+(M44*6))	=EXP(L44+(M44*7))	=LN(B44)+LN(C44)+LN(D44)+LN(E44)+LN(F44))/5	=(LN(B44)*2)+(LN(C44)*1)+(LN(D44)*0)+(LN(E44)*1)+(LN(F44)*2))/10
Co. Warner	3798	3674	3841	3947	4290	=EXP(L45+(M45*3))	=EXP(L45+(M45*4))	=EXP(L45+(M45*5))	=EXP(L45+(M45*6))	=EXP(L45+(M45*7))	=LN(B45)+LN(C45)+LN(D45)+LN(E45)+LN(F45))/5	=(LN(B45)*2)+(LN(C45)*1)+(LN(D45)*0)+(LN(E45)*1)+(LN(F45)*2))/10
M.D. Willow Creek	5412	5337	5107	5179	6081	=EXP(L46+(M46*3))	=EXP(L46+(M46*4))	=EXP(L46+(M46*5))	=EXP(L46+(M46*6))	=EXP(L46+(M46*7))	=LN(B46)+LN(C46)+LN(D46)+LN(E46)+LN(F46))/5	=(LN(B46)*2)+(LN(C46)*1)+(LN(D46)*0)+(LN(E46)*1)+(LN(F46)*2))/10
ORRSC Region	164386	171545	200015	213590	225548	=EXP(L47+(M47*3))	=EXP(L47+(M47*4))	=EXP(L47+(M47*5))	=EXP(L47+(M47*6))	=EXP(L47+(M47*7))	=LN(B47)+LN(C47)+LN(D47)+LN(E47)+LN(F47))/5	=(LN(B47)*2)+(LN(C47)*1)+(LN(D47)*0)+(LN(E47)*1)+(LN(F47)*2))/10