Statistics Canada: **Life Tables, Canada, Provinces and Territories 2014-2016**. Downloaded from: www.statcan.gc.ca/ (07.06.2019).

Table 8a. Complete life tables, males, Manitoba
2014 to 2016

Age	l_x	d_x	q_x	m.e.(q_x)	p_x	L_x	T_x	e_x	m.e.(e_x)
	number			probability		number		year	
0 year	100,000	649	0.00649	0.00098	0.99351	99,416	7,784,732	77.9	0.2
1 year	99,351	62	0.00062	0.00030	0.99938	99,324	7,685,316	77.4	0.2
2 years	99,289	42	0.00043	0.00025	0.99957	99,267	7,585,992	76.4	0.2
3 years	99,246	31	0.00031	0.00022	0.99969	99,226	7,486,724	75.4	0.2
4 years	99,216	23	0.00023	0.00019	0.99977	99,210	7,387,499	74.5	0.2
5 years	99,192	19	0.00019	0.00017	0.99981	99,183	7,288,288	73.5	0.2
6 years	99,174	16	0.00016	0.00015	0.99984	99,166	7,189,105	72.5	0.2
7 years	99,158	14	0.00014	0.00015	0.99986	99,151	7,089,939	71.5	0.2
8 years	99,144	13	0.00013	0.00014	0.99987	99,138	6,990,788	70.5	0.2
9 years	99,132	13	0.00013	0.00014	0.99987	99,125	6,891,650	69.5	0.2
10 years	99,119	13	0.00013	0.00014	0.99987	99,112	6,792,524	68.5	0.2
11 years	99,106	14	0.00014	0.00015	0.99986	99,099	6,693,412	67.5	0.2
12 years	99,092	16	0.00016	0.00016	0.99984	99,084	6,594,313	66.6	0.2
13 years	99,076	19	0.00019	0.00017	0.99981	99,067	6,495,229	65.6	0.2
14 years	99,057	23	0.00023	0.00019	0.99977	99,046	6,396,162	64.6	0.2
15 years	99,034	30	0.00030	0.00021	0.99970	99,019	6,297,116	63.6	0.2
16 years	99,004	39	0.00040	0.00024	0.99960	98,985	6,198,097	62.6	0.2
17 years	98,965	50	0.00051	0.00027	0.99949	98,940	6,099,112	61.6	0.2
18 years	98,915	62	0.00063	0.00030	0.99937	98,884	6,000,172	60.7	0.2
19 years	98,853	74	0.00075	0.00032	0.99925	98,816	5,901,288	59.7	0.2
20 years	98,779	87	0.00088	0.00034	0.99912	98,735	5,802,472	58.7	0.2
21 years	98,692	98	0.00099	0.00036	0.99901	98,643	5,703,737	57.8	0.2
22 years	98,595	107	0.00108	0.00038	0.99892	98,541	5,605,094	56.9	0.2
23 years	98,488	113	0.00115	0.00039	0.99885	98,431	5,506,552	55.9	0.2
24 years	98,375	116	0.00118	0.00040	0.99882	98,316	5,408,121	55.0	0.2
25 years	98,258	118	0.00120	0.00040	0.99880	98,199	5,309,805	54.0	0.2
26 years	98,140	119	0.00122	0.00041	0.99878	98,081	5,211,605	53.1	0.2
27 years	98,021	121	0.00124	0.00041	0.99876	97,960	5,113,525	52.2	0.2
28 years	97,900	123	0.00126	0.00042	0.99874	97,838	5,015,564	51.2	0.2
29 years	97,777	125	0.00128	0.00042	0.99872	97,714	4,917,726	50.3	0.2
30 years	97,652	127	0.00130	0.00043	0.99870	97,588	4,820,012	49.4	0.2
31 years	97,524	129	0.00132	0.00043	0.99868	97,460	4,722,424	48.4	0.2
32 years	97,395	130	0.00133	0.00044	0.99867	97,330	4,624,964	47.5	0.2
33 years	97,265	129	0.00133	0.00044	0.99867	97,200	4,527,634	46.6	0.2
34 years	97,136	128	0.00132	0.00044	0.99868	97,072	4,430,434	45.6	0.2
35 years	97,008	125	0.00129	0.00044	0.99871	96,945	4,333,362	44.7	0.2
36 years	96,883	123	0.00127	0.00044	0.99873	96,821	4,236,417	43.7	0.2
37 years	96,759	125	0.00129	0.00045	0.99871	96,697	4,139,596	42.8	0.2
38 years	96,634	129	0.00134	0.00046	0.99866	96,570	4,042,899	41.8	0.2
39 years	96,505	137	0.00142	0.00047	0.99858	96,437	3,946,329	40.9	0.2
40 years	96,369	148	0.00154	0.00049	0.99846	96,295	3,849,892	40.0	0.2
41 years	96,220	163	0.00169	0.00052	0.99831	96,139	3,753,598	39.0	0.2
42 years	96,058	178	0.00185	0.00054	0.99815	95,969	3,657,459	38.1	0.2
43 years	95,880	195	0.00203	0.00056	0.99797	95,782	3,561,490	37.2	0.2
44 years	95,685	213	0.00222	0.00059	0.99778	95,579	3,465,707	36.2	0.2
45 years	95,472	232	0.00243	0.00062	0.99757	95,356	3,370,129	35.3	0.2
46 years	95,240	253	0.00265	0.00065	0.99735	95,114	3,274,773	34.4	0.2
47 years	94,988	275	0.00289	0.00068	0.99711	94,850	3,179,659	33.5	0.2
48 years	94,713	298	0.00315	0.00071	0.99685	94,564	3,084,809	32.6	0.2
49 years	94,414	324	0.00343	0.00072	0.99657	94,253	2,990,245	31.7	0.2
50 years	94,091	350	0.00372	0.00073	0.99628	93,916	2,895,993	30.8	0.2
51 years	93,740	379	0.00404	0.00075	0.99596	93,551	2,802,077	29.9	0.2
52 years	93,361	410	0.00439	0.00077	0.99561	93,156	2,708,526	29.0	0.2
53 years	92,951	444	0.00478	0.00081	0.99522	92,729	2,615,370	28.1	0.2
54 years	92,507	481	0.00520	0.00084	0.99480	92,267	2,522,641	27.3	0.2
55 years	92,026	521	0.00566	0.00088	0.99434	91,766	2,430,374	26.4	0.2
56 years	91,505	564	0.00616	0.00093	0.99384	91,224	2,338,609	25.6	0.2
57 years	90,942	611	0.00672	0.00099	0.99328	90,636	2,247,385	24.7	0.2
58 years	90,331	661	0.00732	0.00105	0.99268	90,000	2,156,749	23.9	0.2
59 years	89,669	716	0.00799	0.00110	0.99201	89,311	2,066,749	23.1	0.2
60 years	88,953	776	0.00872	0.00117	0.99128	88,565	1,977,437	22.2	0.2
61 years	88,177	840	0.00953	0.00125	0.99047	87,757	1,888,872	21.4	0.2
62 years	87,337	909	0.01041	0.00134	0.98959	86,883	1,801,115	20.6	0.2
63 years	86,428	984	0.01138	0.00143	0.98862	85,936	1,714,232	19.8	0.2
64 years	85,444	1,064	0.01245	0.00152	0.98755	84,912	1,628,296	19.1	0.1
65 years	84,380	1,150	0.01363	0.00162	0.98637	83,805	1,543,384	18.3	0.1
66 years	83,230	1,243	0.01493	0.00171	0.98507	82,608	1,459,579	17.5	0.1
67 years	81,987	1,342	0.01637	0.00181	0.98363	81,316	1,376,970	16.8	0.1
68 years	80,645	1,447	0.01795	0.00196	0.98205	79,921	1,295,655	16.1	0.1
69 years	79,197	1,560	0.01969	0.00214	0.98031	78,417	1,215,734	15.4	0.1
70 years	77,638	1,679	0.02162	0.00235	0.97838	76,798	1,137,316	14.7	0.1
71 years	75,959	1,804	0.02375	0.00253	0.97625	75,057	1,060,518	14.0	0.1
72 years	74,155	1,936	0.02610	0.00274	0.97390	73,187	985,461	13.3	0.1
73 years	72,219	2,073	0.02871	0.00299	0.97129	71,183	912,274	12.6	0.1
74 years	70,146	2,216	0.03159	0.00327	0.96841	69,038	841,092	12.0	0.1
75 years	67,930	2,362	0.03478	0.00354	0.96522	66,749	772,054	11.4	0.1
76 years	65,568	2,512	0.03831	0.00383	0.96169	64,312	705,305	10.8	0.1
77 years	63,056	2,663	0.04223	0.00414	0.95777	61,724	640,993	10.2	0.1
78 years	60,393	2,813	0.04657	0.00447	0.95343	58,987	579,268	9.6	0.1
79 years	57,581	2,959	0.05139	0.00484	0.94861	56,101	520,281	9.0	0.1
80 years	54,622	3,099	0.05674	0.00523	0.94326	53,072	464,180	8.5	0.1
81 years	51,522	3,230	0.06268	0.00563	0.93732	49,908	411,108	8.0	0.1
82 years	48,293	3,346	0.06929	0.00610	0.93071	46,620	361,201	7.5	0.1
83 years	44,947	3,444	0.07663	0.00666	0.92337	43,225	314,581	7.0	0.1
84 years	41,503	3,519	0.08480	0.00731	0.91520	39,743	271,356	6.5	0.1
85 years	37,983	3,566	0.09390	0.00801	0.90610	36,200	231,613	6.1	0.1
86 years	34,417	3,580	0.10402	0.00877	0.89598	32,627	195,413	5.7	0.1
87 years	30,837	3,556	0.11531	0.00983	0.88469	29,059	162,787	5.3	0.1
88 years	27,281	3,489	0.12790	0.01111	0.87210	25,536	133,728	4.9	0.1
89 years	23,792	3,377	0.14194	0.01254	0.85806	22,103	108,192	4.6	0.1
90 years	20,415	3,217	0.15761	0.01432	0.84239	18,806	86,089	4.2	0.1
91 years	17,197	3,003	0.17465	0.01668	0.82535	15,695	67,283	3.9	0.1
92 years	14,194	2,734	0.19264	0.01932	0.80736	12,827	51,588	3.6	0.2
93 years	11,459	2,424	0.21150	0.02257	0.78850	10,248	38,761	3.4	0.2
94 years	9,036	2,088	0.23113	0.02692	0.76887	7,991	28,514	3.2	0.2
95 years	6,947	1,715	0.24693	0.03196	0.75307	6,090	20,522	3.0	0.2
96 years	5,232	1,395	0.26673	0.03825	0.73327	4,534	14,433	2.8	0.2
97 years	3,836	1,101	0.28704	0.04602	0.71296	3,286	9,899	2.6	0.2
98 years	2,735	842	0.30770	0.05560	0.69230	2,314	6,613	2.4	0.3
99 years	1,894	622	0.32856	0.07325	0.67144	1,582	4,299	2.3	0.3
100 years	1,271	444	0.34946	0.09695	0.65054	1,049	2,716	2.1	0.4
101 years	827	306	0.37024	0.12595	0.62976	674	1,667	2.0	0.5
102 years	521	204	0.39072	0.21514	0.60928	419	993	1.9	0.6
103 years	317	130	0.41077	0.17777	0.58923	252	574	1.8	0.6
104 years	187	80	0.43025	0.29310	0.56975	147	322	1.7	0.9
105 years	107	48	0.44902	0.36862	0.55098	83	175	1.6	1.0
106 years	59	27	0.46700	0.49428	0.53300	45	92	1.6	1.2
107 years	31	15	0.48410	0.49234	0.51590	24	47	1.5	1.1
108 years	16	8	0.50025	0.48996	0.49975	12	24	1.5	1.0
109 years	8	4	0.51543	0.48724	0.48457	6	11	1.4	0.9
110 years and over	4	4	1.00000	0.00000	0.00000	5	5	1.4	…

Table 8b. Complete life tables, females, Manitoba
2014 to 2016

Age	l_x	d_x	q_x	m.e.(q_x)	p_x	L_x	T_x	e_x	m.e.(e_x)
	number			probability		number		year	
0 year	100,000	530	0.00530	0.00091	0.99470	99,525	8,216,253	82.2	0.2
1 year	99,470	43	0.00043	0.00026	0.99957	99,452	8,116,727	81.6	0.2
2 years	99,427	25	0.00025	0.00020	0.99975	99,407	8,017,275	80.6	0.2
3 years	99,402	16	0.00016	0.00016	0.99984	99,396	7,917,869	79.7	0.2
4 years	99,386	11	0.00011	0.00013	0.99989	99,380	7,818,473	78.7	0.2
5 years	99,375	9	0.00009	0.00012	0.99991	99,371	7,719,093	77.7	0.2
6 years	99,366	8	0.00008	0.00011	0.99992	99,362	7,619,722	76.7	0.2
7 years	99,359	7	0.00007	0.00011	0.99993	99,355	7,520,360	75.7	0.2
8 years	99,351	8	0.00008	0.00011	0.99992	99,347	7,421,005	74.7	0.2
9 years	99,343	9	0.00010	0.00012	0.99990	99,339	7,321,658	73.7	0.2
10 years	99,334	12	0.00012	0.00014	0.99988	99,328	7,222,319	72.7	0.2
11 years	99,322	14	0.00015	0.00016	0.99985	99,315	7,122,991	71.7	0.2
12 years	99,308	17	0.00018	0.00017	0.99982	99,299	7,023,677	70.7	0.2
13 years	99,290	21	0.00021	0.00019	0.99979	99,280	6,924,378	69.7	0.2
14 years	99,269	24	0.00024	0.00020	0.99976	99,257	6,825,098	68.8	0.2
15 years	99,245	28	0.00028	0.00021	0.99972	99,231	6,725,841	67.8	0.2
16 years	99,217	32	0.00032	0.00023	0.99968	99,201	6,626,610	66.8	0.2
17 years	99,185	37	0.00038	0.00024	0.99962	99,166	6,527,409	65.8	0.2
18 years	99,148	44	0.00044	0.00026	0.99956	99,126	6,428,242	64.8	0.2
19 years	99,104	51	0.00052	0.00028	0.99948	99,079	6,329,116	63.9	0.2
20 years	99,053	58	0.00058	0.00029	0.99942	99,024	6,230,038	62.9	0.2
21 years	98,995	63	0.00064	0.00031	0.99936	98,964	6,131,014	61.9	0.2
22 years	98,932	67	0.00068	0.00031	0.99932	98,898	6,032,050	61.0	0.2
23 years	98,865	70	0.00070	0.00032	0.99930	98,830	5,933,152	60.0	0.2
24 years	98,795	70	0.00071	0.00032	0.99929	98,760	5,834,322	59.1	0.2
25 years	98,725	69	0.00070	0.00032	0.99930	98,691	5,735,562	58.1	0.2
26 years	98,656	68	0.00069	0.00032	0.99931	98,622	5,636,872	57.1	0.2
27 years	98,588	67	0.00068	0.00032	0.99932	98,554	5,538,250	56.2	0.2
28 years	98,521	66	0.00067	0.00031	0.99933	98,488	5,439,695	55.2	0.2
29 years	98,454	66	0.00067	0.00031	0.99933	98,422	5,341,207	54.3	0.2
30 years	98,389	65	0.00066	0.00031	0.99934	98,357	5,242,786	53.3	0.2
31 years	98,324	65	0.00066	0.00031	0.99934	98,292	5,144,429	52.3	0.2
32 years	98,260	66	0.00067	0.00031	0.99933	98,227	5,046,137	51.4	0.2
33 years	98,194	69	0.00070	0.00032	0.99930	98,159	4,947,910	50.4	0.2
34 years	98,125	73	0.00075	0.00033	0.99925	98,089	4,849,751	49.4	0.2
35 years	98,052	80	0.00081	0.00035	0.99919	98,012	4,751,662	48.5	0.2
36 years	97,972	87	0.00089	0.00037	0.99911	97,929	4,653,650	47.5	0.2
37 years	97,885	95	0.00097	0.00039	0.99903	97,837	4,555,722	46.5	0.2
38 years	97,790	103	0.00105	0.00040	0.99895	97,738	4,457,884	45.6	0.2
39 years	97,687	110	0.00113	0.00042	0.99887	97,632	4,360,146	44.6	0.2
40 years	97,577	117	0.00120	0.00043	0.99880	97,518	4,262,514	43.7	0.2
41 years	97,459	125	0.00128	0.00045	0.99872	97,397	4,164,996	42.7	0.2
42 years	97,335	133	0.00136	0.00046	0.99864	97,268	4,067,599	41.8	0.2
43 years	97,202	142	0.00146	0.00048	0.99854	97,131	3,970,331	40.9	0.2
44 years	97,060	151	0.00156	0.00049	0.99844	96,985	3,873,200	39.9	0.2
45 years	96,909	162	0.00167	0.00051	0.99833	96,828	3,776,215	39.0	0.2
46 years	96,747	174	0.00179	0.00053	0.99821	96,660	3,679,387	38.0	0.2
47 years	96,574	187	0.00193	0.00055	0.99807	96,480	3,582,726	37.1	0.2
48 years	96,387	201	0.00208	0.00057	0.99792	96,287	3,486,246	36.2	0.2
49 years	96,186	217	0.00225	0.00058	0.99775	96,078	3,389,959	35.2	0.2
50 years	95,970	234	0.00244	0.00059	0.99756	95,852	3,293,881	34.3	0.2
51 years	95,735	253	0.00265	0.00060	0.99735	95,609	3,198,029	33.4	0.2
52 years	95,482	274	0.00287	0.00063	0.99713	95,345	3,102,420	32.5	0.2
53 years	95,208	297	0.00312	0.00065	0.99688	95,059	3,007,075	31.6	0.2
54 years	94,910	322	0.00339	0.00068	0.99661	94,749	2,912,016	30.7	0.2
55 years	94,588	349	0.00369	0.00072	0.99631	94,413	2,817,267	29.8	0.2
56 years	94,239	379	0.00402	0.00076	0.99598	94,049	2,722,854	28.9	0.2
57 years	93,860	411	0.00438	0.00080	0.99562	93,654	2,628,805	28.0	0.2
58 years	93,448	447	0.00478	0.00085	0.99522	93,225	2,535,151	27.1	0.2
59 years	93,001	485	0.00522	0.00090	0.99478	92,759	2,441,926	26.3	0.2
60 years	92,516	527	0.00570	0.00095	0.99430	92,253	2,349,167	25.4	0.2
61 years	91,989	573	0.00623	0.00100	0.99377	91,702	2,256,914	24.5	0.2
62 years	91,416	623	0.00682	0.00107	0.99318	91,104	2,165,212	23.7	0.2
63 years	90,793	677	0.00746	0.00114	0.99254	90,454	2,074,108	22.8	0.2
64 years	90,115	737	0.00817	0.00122	0.99183	89,747	1,983,654	22.0	0.2
65 years	89,379	801	0.00896	0.00130	0.99104	88,978	1,893,907	21.2	0.2
66 years	88,578	871	0.00984	0.00137	0.99016	88,142	1,804,928	20.4	0.2
67 years	87,706	947	0.01080	0.00144	0.98920	87,233	1,716,786	19.6	0.1
68 years	86,759	1,030	0.01187	0.00155	0.98813	86,244	1,629,554	18.8	0.1
69 years	85,729	1,119	0.01306	0.00171	0.98694	85,170	1,543,310	18.0	0.1
70 years	84,610	1,216	0.01437	0.00189	0.98563	84,002	1,458,140	17.2	0.1
71 years	83,394	1,320	0.01583	0.00204	0.98417	82,734	1,374,138	16.5	0.1
72 years	82,074	1,432	0.01745	0.00219	0.98255	81,358	1,291,404	15.7	0.1
73 years	80,642	1,552	0.01925	0.00235	0.98075	79,866	1,210,046	15.0	0.1
74 years	79,090	1,681	0.02125	0.00255	0.97875	78,249	1,130,180	14.3	0.1
75 years	77,409	1,818	0.02348	0.00275	0.97652	76,500	1,051,931	13.6	0.1
76 years	75,591	1,963	0.02596	0.00297	0.97404	74,610	975,430	12.9	0.1
77 years	73,629	2,116	0.02873	0.00319	0.97127	72,571	900,821	12.2	0.1
78 years	71,513	2,275	0.03182	0.00342	0.96818	70,375	828,250	11.6	0.1
79 years	69,238	2,442	0.03526	0.00366	0.96474	68,017	757,875	11.0	0.1
80 years	66,796	2,613	0.03911	0.00392	0.96089	65,490	689,858	10.3	0.1
81 years	64,183	2,787	0.04341	0.00422	0.95659	62,790	624,368	9.7	0.1
82 years	61,397	2,961	0.04823	0.00449	0.95177	59,916	561,578	9.2	0.1
83 years	58,436	3,133	0.05361	0.00478	0.94639	56,869	501,662	8.6	0.1
84 years	55,303	3,299	0.05965	0.00511	0.94035	53,654	444,792	8.0	0.1
85 years	52,004	3,454	0.06641	0.00557	0.93359	50,278	391,139	7.5	0.1
86 years	48,551	3,593	0.07400	0.00603	0.92600	46,755	340,861	7.0	0.1
87 years	44,958	3,710	0.08251	0.00660	0.91749	43,103	294,106	6.5	0.1
88 years	41,249	3,798	0.09208	0.00721	0.90792	39,350	251,003	6.1	0.1
89 years	37,451	3,851	0.10283	0.00795	0.89717	35,525	211,653	5.7	0.1
90 years	33,599	3,862	0.11493	0.00876	0.88507	31,669	176,128	5.2	0.1
91 years	29,738	3,814	0.12827	0.00967	0.87173	27,830	144,460	4.9	0.1
92 years	25,923	3,697	0.14263	0.01087	0.85737	24,075	116,629	4.5	0.1
93 years	22,226	3,512	0.15801	0.01231	0.84199	20,470	92,555	4.2	0.1
94 years	18,714	3,264	0.17441	0.01412	0.82559	17,082	72,085	3.9	0.1
95 years	15,450	3,023	0.19565	0.01670	0.80435	13,939	55,003	3.6	0.1
96 years	12,427	2,665	0.21444	0.02037	0.78556	11,095	41,064	3.3	0.1
97 years	9,762	2,286	0.23414	0.02477	0.76586	8,619	29,969	3.1	0.2
98 years	7,476	1,904	0.25464	0.02892	0.74536	6,525	21,350	2.9	0.2
99 years	5,573	1,537	0.27578	0.03468	0.72422	4,804	14,825	2.7	0.2
100 years	4,036	1,200	0.29741	0.04015	0.70259	3,436	10,021	2.5	0.2
101 years	2,836	906	0.31935	0.04996	0.68065	2,383	6,585	2.3	0.2
102 years	1,930	659	0.34141	0.07180	0.65859	1,601	4,202	2.2	0.3
103 years	1,271	462	0.36340	0.08712	0.63660	1,040	2,602	2.1	0.3
104 years	809	312	0.38513	0.10831	0.61487	653	1,562	1.9	0.4
105 years	498	202	0.40642	0.16712	0.59358	396	908	1.8	0.5
106 years	295	126	0.42710	0.17065	0.57290	232	512	1.7	0.6
107 years	169	76	0.44702	0.26368	0.55298	131	280	1.7	0.9
108 years	94	44	0.46607	0.38538	0.53393	72	148	1.6	1.3
109 years	50	24	0.48414	0.91353	0.51586	38	76	1.5	1.8
110 years and over	26	26	1.00000	0.00000	0.00000	39	39	1.5	…