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Table 8a. Complete life tables, males, Manitoba
2011 to 2013

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	682	0.00682	0.00102	0.99318	99,407	7,783,215	77.8	0.2
1 year	99,318	35	0.00036	0.00024	0.99964	99,291	7,683,809	77.4	0.2
2 years	99,283	26	0.00027	0.00021	0.99973	99,272	7,584,518	76.4	0.2
3 years	99,257	21	0.00021	0.00018	0.99979	99,244	7,485,245	75.4	0.2
4 years	99,236	17	0.00017	0.00016	0.99983	99,230	7,386,001	74.4	0.2
5 years	99,219	15	0.00015	0.00015	0.99985	99,212	7,286,771	73.4	0.2
6 years	99,204	13	0.00013	0.00015	0.99987	99,198	7,187,559	72.5	0.2
7 years	99,191	13	0.00013	0.00014	0.99987	99,185	7,088,361	71.5	0.2
8 years	99,179	12	0.00013	0.00014	0.99987	99,173	6,989,176	70.5	0.2
9 years	99,166	13	0.00013	0.00015	0.99987	99,160	6,890,004	69.5	0.2
10 years	99,153	14	0.00014	0.00015	0.99986	99,146	6,790,844	68.5	0.2
11 years	99,139	16	0.00016	0.00016	0.99984	99,131	6,691,698	67.5	0.2
12 years	99,123	19	0.00019	0.00017	0.99981	99,114	6,592,567	66.5	0.2
13 years	99,104	23	0.00023	0.00019	0.99977	99,092	6,493,453	65.5	0.2
14 years	99,081	29	0.00030	0.00021	0.99970	99,066	6,394,361	64.5	0.2
15 years	99,051	39	0.00039	0.00024	0.99961	99,032	6,295,294	63.6	0.2
16 years	99,013	51	0.00052	0.00027	0.99948	98,987	6,196,262	62.6	0.2
17 years	98,961	65	0.00066	0.00031	0.99934	98,929	6,097,275	61.6	0.2
18 years	98,896	80	0.00081	0.00034	0.99919	98,856	5,998,347	60.7	0.2
19 years	98,816	94	0.00096	0.00036	0.99904	98,769	5,899,491	59.7	0.2
20 years	98,721	106	0.00107	0.00039	0.99893	98,668	5,800,722	58.8	0.2
21 years	98,615	114	0.00115	0.00040	0.99885	98,558	5,702,054	57.8	0.2
22 years	98,502	116	0.00118	0.00040	0.99882	98,443	5,603,495	56.9	0.2
23 years	98,385	113	0.00115	0.00040	0.99885	98,329	5,505,052	56.0	0.2
24 years	98,272	106	0.00107	0.00039	0.99893	98,219	5,406,723	55.0	0.2
25 years	98,166	97	0.00099	0.00038	0.99901	98,118	5,308,504	54.1	0.2
26 years	98,069	92	0.00094	0.00037	0.99906	98,023	5,210,387	53.1	0.2
27 years	97,977	89	0.00091	0.00037	0.99909	97,932	5,112,364	52.2	0.2
28 years	97,888	89	0.00091	0.00037	0.99909	97,843	5,014,431	51.2	0.2
29 years	97,799	91	0.00093	0.00037	0.99907	97,753	4,916,588	50.3	0.2
30 years	97,708	96	0.00098	0.00039	0.99902	97,660	4,818,835	49.3	0.2
31 years	97,612	102	0.00104	0.00040	0.99896	97,561	4,721,175	48.4	0.2
32 years	97,510	108	0.00111	0.00042	0.99889	97,456	4,623,614	47.4	0.2
33 years	97,402	115	0.00118	0.00044	0.99882	97,345	4,526,158	46.5	0.2
34 years	97,288	121	0.00125	0.00045	0.99875	97,227	4,428,813	45.5	0.2
35 years	97,166	128	0.00132	0.00046	0.99868	97,102	4,331,586	44.6	0.2
36 years	97,038	135	0.00139	0.00048	0.99861	96,971	4,234,484	43.6	0.2
37 years	96,903	143	0.00148	0.00049	0.99852	96,831	4,137,513	42.7	0.2
38 years	96,760	152	0.00157	0.00051	0.99843	96,684	4,040,682	41.8	0.2
39 years	96,608	161	0.00166	0.00052	0.99834	96,528	3,943,998	40.8	0.2
40 years	96,448	170	0.00177	0.00053	0.99823	96,362	3,847,470	39.9	0.2
41 years	96,277	181	0.00188	0.00055	0.99812	96,187	3,751,107	39.0	0.2
42 years	96,096	193	0.00201	0.00057	0.99799	96,000	3,654,921	38.0	0.2
43 years	95,903	206	0.00215	0.00059	0.99785	95,800	3,558,921	37.1	0.2
44 years	95,697	220	0.00230	0.00061	0.99770	95,587	3,463,121	36.2	0.2
45 years	95,477	236	0.00248	0.00062	0.99752	95,358	3,367,534	35.3	0.2
46 years	95,240	254	0.00267	0.00063	0.99733	95,113	3,272,176	34.4	0.2
47 years	94,986	274	0.00288	0.00064	0.99712	94,849	3,177,063	33.5	0.2
48 years	94,713	295	0.00312	0.00065	0.99688	94,565	3,082,213	32.5	0.2
49 years	94,417	320	0.00338	0.00067	0.99662	94,257	2,987,648	31.6	0.2
50 years	94,098	346	0.00368	0.00070	0.99632	93,924	2,893,391	30.8	0.2
51 years	93,751	376	0.00401	0.00073	0.99599	93,563	2,799,467	29.9	0.2
52 years	93,375	408	0.00437	0.00076	0.99563	93,171	2,705,904	29.0	0.2
53 years	92,967	443	0.00476	0.00081	0.99524	92,746	2,612,732	28.1	0.2
54 years	92,524	481	0.00519	0.00086	0.99481	92,284	2,519,986	27.2	0.2
55 years	92,044	522	0.00567	0.00090	0.99433	91,783	2,427,702	26.4	0.2
56 years	91,522	566	0.00618	0.00096	0.99382	91,239	2,335,919	25.5	0.2
57 years	90,956	614	0.00675	0.00101	0.99325	90,649	2,244,680	24.7	0.2
58 years	90,342	666	0.00738	0.00108	0.99262	90,009	2,154,031	23.8	0.2
59 years	89,676	723	0.00806	0.00116	0.99194	89,314	2,064,022	23.0	0.2
60 years	88,953	784	0.00881	0.00124	0.99119	88,561	1,974,708	22.2	0.2
61 years	88,169	850	0.00964	0.00131	0.99036	87,744	1,886,146	21.4	0.2
62 years	87,320	921	0.01054	0.00139	0.98946	86,859	1,798,402	20.6	0.2
63 years	86,399	997	0.01154	0.00147	0.98846	85,901	1,711,543	19.8	0.2
64 years	85,402	1,079	0.01263	0.00155	0.98737	84,863	1,625,642	19.0	0.2
65 years	84,323	1,167	0.01384	0.00167	0.98616	83,740	1,540,779	18.3	0.2
66 years	83,156	1,261	0.01517	0.00182	0.98483	82,526	1,457,040	17.5	0.2
67 years	81,895	1,362	0.01663	0.00201	0.98337	81,214	1,374,514	16.8	0.2
68 years	80,534	1,468	0.01823	0.00216	0.98177	79,799	1,293,300	16.1	0.2
69 years	79,065	1,582	0.02000	0.00234	0.98000	78,274	1,213,500	15.4	0.2
70 years	77,484	1,701	0.02196	0.00253	0.97804	76,633	1,135,226	14.7	0.2
71 years	75,782	1,827	0.02411	0.00275	0.97589	74,869	1,058,593	14.0	0.1
72 years	73,955	1,959	0.02648	0.00296	0.97352	72,976	983,724	13.3	0.1
73 years	71,996	2,095	0.02910	0.00320	0.97090	70,949	910,749	12.7	0.1
74 years	69,901	2,237	0.03200	0.00345	0.96800	68,783	839,800	12.0	0.1
75 years	67,664	2,381	0.03519	0.00370	0.96481	66,474	771,017	11.4	0.1
76 years	65,283	2,528	0.03872	0.00399	0.96128	64,019	704,544	10.8	0.1
77 years	62,755	2,675	0.04262	0.00427	0.95738	61,418	640,525	10.2	0.1
78 years	60,081	2,820	0.04693	0.00458	0.95307	58,671	579,106	9.6	0.1
79 years	57,261	2,960	0.05170	0.00488	0.94830	55,781	520,435	9.1	0.1
80 years	54,301	3,094	0.05697	0.00525	0.94303	52,754	464,654	8.6	0.1
81 years	51,207	3,216	0.06281	0.00566	0.93719	49,599	411,900	8.0	0.1
82 years	47,991	3,325	0.06928	0.00616	0.93072	46,328	362,302	7.6	0.1
83 years	44,666	3,414	0.07644	0.00666	0.92356	42,959	315,973	7.1	0.1
84 years	41,252	3,481	0.08438	0.00738	0.91562	39,511	273,015	6.6	0.1
85 years	37,771	3,519	0.09318	0.00817	0.90682	36,011	233,503	6.2	0.1
86 years	34,252	3,526	0.10293	0.00914	0.89707	32,489	197,492	5.8	0.1
87 years	30,726	3,495	0.11376	0.01014	0.88624	28,978	165,003	5.4	0.1
88 years	27,231	3,425	0.12577	0.01139	0.87423	25,518	136,025	5.0	0.1
89 years	23,806	3,312	0.13911	0.01305	0.86089	22,150	110,507	4.6	0.1
90 years	20,494	3,155	0.15393	0.01493	0.84607	18,917	88,357	4.3	0.2
91 years	17,340	2,948	0.17000	0.01705	0.83000	15,866	69,440	4.0	0.2
92 years	14,392	2,691	0.18698	0.02002	0.81302	13,046	53,574	3.7	0.2
93 years	11,701	2,396	0.20481	0.02356	0.79519	10,503	40,528	3.5	0.2
94 years	9,304	2,079	0.22340	0.02775	0.77660	8,265	30,025	3.2	0.2
95 years	7,226	1,751	0.24234	0.03401	0.75766	6,350	21,760	3.0	0.2
96 years	5,475	1,432	0.26157	0.04181	0.73843	4,759	15,410	2.8	0.2
97 years	4,043	1,137	0.28132	0.05116	0.71868	3,474	10,651	2.6	0.3
98 years	2,905	876	0.30145	0.06615	0.69855	2,467	7,177	2.5	0.3
99 years	2,030	653	0.32182	0.07721	0.67818	1,703	4,710	2.3	0.4
100 years	1,376	471	0.34228	0.09312	0.65772	1,141	3,007	2.2	0.5
101 years	905	328	0.36266	0.11511	0.63734	741	1,866	2.1	0.6
102 years	577	221	0.38283	0.13938	0.61717	467	1,125	2.0	0.7
103 years	356	143	0.40264	0.30414	0.59736	284	659	1.9	0.9
104 years	213	90	0.42194	0.30667	0.57806	168	374	1.8	0.9
105 years	123	54	0.44063	0.42083	0.55937	96	206	1.7	1.1
106 years	69	32	0.45859	0.49501	0.54141	53	110	1.6	1.2
107 years	37	18	0.47575	0.49336	0.52425	28	57	1.5	1.1
108 years	20	10	0.49203	0.49124	0.50797	15	29	1.5	1.1
109 years	10	5	0.50738	0.48874	0.49262	7	14	1.4	0.9
110 years and over	5	5	1.00000	0.00000	0.00000	7	7	1.4	...

Table 8b. Complete life tables, females, Manitoba
2011 to 2013

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	571	0.00571	0.00096	0.99429	99,501	8,232,064	82.3	0.2
1 year	99,429	36	0.00036	0.00024	0.99964	99,411	8,132,563	81.8	0.2
2 years	99,394	25	0.00025	0.00020	0.99975	99,378	8,033,152	80.8	0.2
3 years	99,369	18	0.00018	0.00017	0.99982	99,363	7,933,773	79.8	0.2
4 years	99,350	14	0.00015	0.00015	0.99985	99,346	7,834,411	78.9	0.2
5 years	99,336	12	0.00012	0.00014	0.99988	99,330	7,735,065	77.9	0.2
6 years	99,324	11	0.00011	0.00014	0.99989	99,318	7,635,735	76.9	0.2
7 years	99,313	10	0.00011	0.00013	0.99989	99,307	7,536,417	75.9	0.2
8 years	99,302	11	0.00011	0.00014	0.99989	99,297	7,437,110	74.9	0.2
9 years	99,292	12	0.00012	0.00014	0.99988	99,286	7,337,813	73.9	0.2
10 years	99,280	13	0.00013	0.00015	0.99987	99,273	7,238,527	72.9	0.2
11 years	99,267	16	0.00016	0.00016	0.99984	99,259	7,139,254	71.9	0.2
12 years	99,251	19	0.00019	0.00018	0.99981	99,242	7,039,995	70.9	0.2
13 years	99,232	23	0.00023	0.00020	0.99977	99,221	6,940,754	69.9	0.2
14 years	99,209	29	0.00030	0.00022	0.99970	99,194	6,841,533	69.0	0.2
15 years	99,180	38	0.00038	0.00025	0.99962	99,161	6,742,339	68.0	0.2
16 years	99,142	48	0.00049	0.00027	0.99951	99,118	6,643,178	67.0	0.2
17 years	99,093	57	0.00058	0.00029	0.99942	99,065	6,544,060	66.0	0.2
18 years	99,036	63	0.00063	0.00030	0.99937	99,005	6,444,995	65.1	0.2
19 years	98,974	65	0.00066	0.00031	0.99934	98,941	6,345,990	64.1	0.2
20 years	98,909	66	0.00067	0.00031	0.99933	98,875	6,247,049	63.2	0.2
21 years	98,842	66	0.00066	0.00031	0.99934	98,809	6,148,174	62.2	0.2
22 years	98,777	63	0.00064	0.00030	0.99936	98,745	6,049,364	61.2	0.2
23 years	98,713	60	0.00061	0.00030	0.99939	98,683	5,950,619	60.3	0.2
24 years	98,654	55	0.00056	0.00029	0.99944	98,626	5,851,936	59.3	0.2
25 years	98,599	51	0.00051	0.00028	0.99949	98,573	5,753,310	58.4	0.2
26 years	98,548	49	0.00049	0.00027	0.99951	98,524	5,654,737	57.4	0.2
27 years	98,499	48	0.00049	0.00027	0.99951	98,475	5,556,213	56.4	0.2
28 years	98,451	50	0.00051	0.00028	0.99949	98,426	5,457,738	55.4	0.2
29 years	98,401	54	0.00055	0.00029	0.99945	98,374	5,359,312	54.5	0.2
30 years	98,347	60	0.00061	0.00030	0.99939	98,317	5,260,938	53.5	0.2
31 years	98,287	67	0.00068	0.00032	0.99932	98,253	5,162,621	52.5	0.2
32 years	98,220	74	0.00075	0.00034	0.99925	98,183	5,064,367	51.6	0.2
33 years	98,146	79	0.00080	0.00035	0.99920	98,107	4,966,184	50.6	0.2
34 years	98,067	82	0.00084	0.00036	0.99916	98,026	4,868,078	49.6	0.2
35 years	97,985	84	0.00086	0.00037	0.99914	97,943	4,770,052	48.7	0.2
36 years	97,901	85	0.00087	0.00037	0.99913	97,858	4,672,109	47.7	0.2
37 years	97,815	88	0.00090	0.00038	0.99910	97,771	4,574,251	46.8	0.2
38 years	97,727	92	0.00094	0.00039	0.99906	97,681	4,476,480	45.8	0.2
39 years	97,635	98	0.00101	0.00040	0.99899	97,586	4,378,799	44.9	0.2
40 years	97,537	106	0.00109	0.00042	0.99891	97,483	4,281,214	43.9	0.2
41 years	97,430	115	0.00118	0.00043	0.99882	97,373	4,183,730	42.9	0.2
42 years	97,315	125	0.00129	0.00045	0.99871	97,252	4,086,357	42.0	0.2
43 years	97,190	136	0.00140	0.00047	0.99860	97,122	3,989,105	41.0	0.2
44 years	97,054	148	0.00152	0.00050	0.99848	96,980	3,891,983	40.1	0.2
45 years	96,906	160	0.00165	0.00051	0.99835	96,826	3,795,004	39.2	0.2
46 years	96,746	173	0.00179	0.00052	0.99821	96,660	3,698,177	38.2	0.2
47 years	96,573	187	0.00194	0.00053	0.99806	96,480	3,601,518	37.3	0.2
48 years	96,386	202	0.00210	0.00054	0.99790	96,285	3,505,038	36.4	0.2
49 years	96,184	218	0.00227	0.00056	0.99773	96,075	3,408,753	35.4	0.2
50 years	95,966	235	0.00245	0.00058	0.99755	95,849	3,312,678	34.5	0.2
51 years	95,731	253	0.00264	0.00060	0.99736	95,604	3,216,830	33.6	0.2
52 years	95,478	273	0.00286	0.00063	0.99714	95,341	3,121,225	32.7	0.2
53 years	95,205	295	0.00309	0.00067	0.99691	95,058	3,025,884	31.8	0.2
54 years	94,910	318	0.00335	0.00070	0.99665	94,751	2,930,826	30.9	0.2
55 years	94,592	344	0.00364	0.00074	0.99636	94,420	2,836,075	30.0	0.2
56 years	94,248	372	0.00395	0.00078	0.99605	94,062	2,741,655	29.1	0.2
57 years	93,876	403	0.00429	0.00082	0.99571	93,675	2,647,592	28.2	0.2
58 years	93,474	436	0.00466	0.00086	0.99534	93,256	2,553,917	27.3	0.2
59 years	93,038	472	0.00508	0.00092	0.99492	92,802	2,460,661	26.5	0.2
60 years	92,565	512	0.00553	0.00098	0.99447	92,309	2,367,860	25.6	0.2
61 years	92,053	556	0.00604	0.00104	0.99396	91,775	2,275,550	24.7	0.2
62 years	91,498	603	0.00659	0.00110	0.99341	91,196	2,183,775	23.9	0.2
63 years	90,894	655	0.00720	0.00116	0.99280	90,567	2,092,579	23.0	0.2
64 years	90,240	711	0.00788	0.00122	0.99212	89,884	2,002,012	22.2	0.2
65 years	89,528	773	0.00863	0.00130	0.99137	89,142	1,912,128	21.4	0.2
66 years	88,755	840	0.00946	0.00143	0.99054	88,336	1,822,986	20.5	0.2
67 years	87,916	913	0.01038	0.00157	0.98962	87,459	1,734,650	19.7	0.2
68 years	87,003	992	0.01141	0.00169	0.98859	86,506	1,647,191	18.9	0.2
69 years	86,010	1,079	0.01254	0.00181	0.98746	85,471	1,560,685	18.2	0.1
70 years	84,932	1,172	0.01380	0.00193	0.98620	84,345	1,475,214	17.4	0.1
71 years	83,759	1,274	0.01521	0.00210	0.98479	83,123	1,390,869	16.6	0.1
72 years	82,486	1,383	0.01677	0.00225	0.98323	81,794	1,307,746	15.9	0.1
73 years	81,103	1,501	0.01851	0.00243	0.98149	80,352	1,225,952	15.1	0.1
74 years	79,602	1,628	0.02045	0.00259	0.97955	78,788	1,145,600	14.4	0.1
75 years	77,974	1,764	0.02262	0.00277	0.97738	77,092	1,066,812	13.7	0.1
76 years	76,210	1,908	0.02504	0.00296	0.97496	75,256	989,720	13.0	0.1
77 years	74,302	2,062	0.02775	0.00316	0.97225	73,271	914,464	12.3	0.1
78 years	72,240	2,224	0.03078	0.00337	0.96922	71,128	841,193	11.6	0.1
79 years	70,017	2,393	0.03418	0.00357	0.96582	68,820	770,065	11.0	0.1
80 years	67,624	2,569	0.03799	0.00378	0.96201	66,339	701,244	10.4	0.1
81 years	65,055	2,749	0.04226	0.00402	0.95774	63,680	634,905	9.8	0.1
82 years	62,306	2,932	0.04706	0.00433	0.95294	60,840	571,225	9.2	0.1
83 years	59,374	3,115	0.05246	0.00467	0.94754	57,816	510,385	8.6	0.1
84 years	56,259	3,293	0.05854	0.00505	0.94146	54,612	452,569	8.0	0.1
85 years	52,966	3,463	0.06538	0.00546	0.93462	51,234	397,956	7.5	0.1
86 years	49,502	3,619	0.07310	0.00594	0.92690	47,693	346,722	7.0	0.1
87 years	45,884	3,754	0.08181	0.00650	0.91819	44,007	299,029	6.5	0.1
88 years	42,130	3,861	0.09164	0.00709	0.90836	40,200	255,022	6.1	0.1
89 years	38,269	3,933	0.10276	0.00782	0.89724	36,303	214,822	5.6	0.1
90 years	34,337	3,960	0.11534	0.00869	0.88466	32,356	178,519	5.2	0.1
91 years	30,376	3,926	0.12926	0.00980	0.87074	28,413	146,163	4.8	0.1
92 years	26,450	3,815	0.14425	0.01127	0.85575	24,542	117,750	4.5	0.1
93 years	22,634	3,629	0.16031	0.01323	0.83969	20,820	93,208	4.1	0.1
94 years	19,006	3,372	0.17742	0.01562	0.82258	17,320	72,388	3.8	0.1
95 years	15,634	3,093	0.19762	0.01826	0.80218	14,088	55,068	3.5	0.1
96 years	12,541	2,721	0.21693	0.02107	0.78807	11,181	40,980	3.3	0.1
97 years	9,821	2,327	0.23695	0.02445	0.76305	8,657	29,799	3.0	0.2
98 years	7,494	1,932	0.25777	0.02926	0.74223	6,528	21,142	2.8	0.2
99 years	5,562	1,553	0.27922	0.03497	0.72078	4,786	14,614	2.6	0.2
100 years	4,009	1,207	0.30114	0.04211	0.69886	3,405	9,828	2.5	0.2
101 years	2,802	906	0.32335	0.06150	0.67665	2,349	6,423	2.3	0.3
102 years	1,896	655	0.34565	0.08096	0.65435	1,568	4,074	2.2	0.3
103 years	1,241	456	0.36784	0.11107	0.63216	1,012	2,506	2.0	0.4
104 years	784	306	0.38972	0.11601	0.61028	631	1,494	1.9	0.4
105 years	479	197	0.41112	0.16760	0.58888	380	862	1.8	0.5
106 years	282	122	0.43185	0.15950	0.56815	221	482	1.7	0.7
107 years	160	72	0.45179	0.39045	0.54821	124	261	1.6	1.0
108 years	88	41	0.47090	0.51368	0.52920	67	137	1.6	1.2
109 years	46	23	0.48878	0.51139	0.51122	35	70	1.5	1.0
110 years and over	24	24	1.00000	0.00000	0.00000	35	35	1.5	...