

Statistics Canada: Life Tables, Canada, Provinces and Territories 2009-2011

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Table 1a
Complete life table, males, Canada, 2009 to 2011

Age	l_x number	d_x	q_x	m.e.(q_x) probability	p_x	L_x number	T_x	e_x	m.e.(e_x) year
0 year	100,000	527	0.00527	0.00019	0.99473	99,526	7,909,438	79.1	0.0
1 year	99,473	30	0.00030	0.00004	0.99970	99,457	7,809,911	78.5	0.0
2 years	99,443	22	0.00022	0.00004	0.99978	99,432	7,710,454	77.5	0.0
3 years	99,421	17	0.00017	0.00003	0.99983	99,412	7,611,022	76.6	0.0
4 years	99,404	14	0.00014	0.00003	0.99986	99,398	7,511,610	75.6	0.0
5 years	99,390	11	0.00011	0.00003	0.99989	99,385	7,412,212	74.6	0.0
6 years	99,379	10	0.00010	0.00003	0.99990	99,374	7,312,828	73.6	0.0
7 years	99,369	9	0.00009	0.00003	0.99991	99,365	7,213,453	72.6	0.0
8 years	99,360	8	0.00009	0.00002	0.99991	99,356	7,114,088	71.6	0.0
9 years	99,352	8	0.00008	0.00002	0.99992	99,348	7,014,732	70.6	0.0
10 years	99,344	9	0.00009	0.00002	0.99991	99,339	6,915,384	69.6	0.0
11 years	99,335	10	0.00010	0.00003	0.99990	99,330	6,816,045	68.6	0.0
12 years	99,325	11	0.00012	0.00003	0.99988	99,320	6,716,715	67.6	0.0
13 years	99,314	14	0.00014	0.00003	0.99986	99,307	6,617,395	66.6	0.0
14 years	99,299	19	0.00019	0.00003	0.99981	99,290	6,518,089	65.6	0.0
15 years	99,280	27	0.00028	0.00004	0.99972	99,267	6,418,799	64.7	0.0
16 years	99,253	39	0.00039	0.00005	0.99961	99,234	6,319,532	63.7	0.0
17 years	99,214	50	0.00050	0.00005	0.99950	99,189	6,220,299	62.7	0.0
18 years	99,164	60	0.00060	0.00006	0.99940	99,135	6,121,110	61.7	0.0
19 years	99,105	67	0.00068	0.00006	0.99932	99,071	6,021,975	60.8	0.0
20 years	99,038	73	0.00074	0.00006	0.99926	99,001	5,922,904	59.8	0.0
21 years	98,965	77	0.00078	0.00006	0.99922	98,926	5,823,902	58.9	0.0
22 years	98,888	79	0.00080	0.00007	0.99920	98,848	5,724,976	57.9	0.0
23 years	98,809	79	0.00080	0.00007	0.99920	98,769	5,626,128	56.9	0.0
24 years	98,730	76	0.00077	0.00006	0.99923	98,692	5,527,358	56.0	0.0
25 years	98,654	73	0.00074	0.00006	0.99926	98,618	5,428,666	55.0	0.0
26 years	98,582	71	0.00072	0.00006	0.99928	98,546	5,330,048	54.1	0.0
27 years	98,511	70	0.00071	0.00006	0.99929	98,476	5,231,502	53.1	0.0
28 years	98,441	70	0.00071	0.00006	0.99929	98,406	5,133,025	52.1	0.0
29 years	98,371	72	0.00073	0.00006	0.99927	98,335	5,034,619	51.2	0.0
30 years	98,299	75	0.00076	0.00006	0.99924	98,262	4,936,284	50.2	0.0
31 years	98,225	78	0.00080	0.00007	0.99920	98,186	4,838,022	49.3	0.0
32 years	98,147	82	0.00084	0.00007	0.99916	98,106	4,739,836	48.3	0.0
33 years	98,064	86	0.00088	0.00007	0.99912	98,021	4,641,731	47.3	0.0
34 years	97,978	91	0.00093	0.00007	0.99907	97,932	4,543,709	46.4	0.0
35 years	97,887	97	0.00099	0.00007	0.99901	97,839	4,445,777	45.4	0.0
36 years	97,790	102	0.00105	0.00008	0.99895	97,739	4,347,939	44.5	0.0
37 years	97,688	109	0.00111	0.00008	0.99889	97,634	4,250,199	43.5	0.0
38 years	97,579	116	0.00119	0.00008	0.99881	97,521	4,152,566	42.6	0.0
39 years	97,464	123	0.00127	0.00008	0.99873	97,402	4,055,044	41.6	0.0
40 years	97,340	132	0.00135	0.00009	0.99865	97,274	3,957,642	40.7	0.0
41 years	97,208	141	0.00145	0.00009	0.99855	97,138	3,860,368	39.7	0.0
42 years	97,067	152	0.00156	0.00009	0.99844	96,991	3,763,230	38.8	0.0
43 years	96,916	163	0.00168	0.00009	0.99832	96,834	3,666,239	37.8	0.0
44 years	96,753	176	0.00182	0.00010	0.99818	96,665	3,569,404	36.9	0.0
45 years	96,577	190	0.00197	0.00010	0.99803	96,482	3,472,740	36.0	0.0

46 years	96,387	206	0.00213	0.00010	0.99787	96,284	3,376,258	35.0	0.0
47 years	96,181	223	0.00232	0.00010	0.99768	96,070	3,279,974	34.1	0.0
48 years	95,958	242	0.00253	0.00011	0.99747	95,837	3,183,904	33.2	0.0
49 years	95,716	264	0.00276	0.00011	0.99724	95,584	3,088,067	32.3	0.0
50 years	95,452	288	0.00302	0.00012	0.99698	95,308	2,992,483	31.4	0.0
51 years	95,164	315	0.00330	0.00012	0.99670	95,007	2,897,175	30.4	0.0
52 years	94,850	344	0.00362	0.00013	0.99638	94,678	2,802,168	29.5	0.0
53 years	94,506	375	0.00397	0.00014	0.99603	94,318	2,707,490	28.7	0.0
54 years	94,131	410	0.00436	0.00015	0.99564	93,926	2,613,171	27.8	0.0
55 years	93,721	448	0.00478	0.00016	0.99522	93,497	2,519,245	26.9	0.0
56 years	93,273	489	0.00525	0.00017	0.99475	93,028	2,425,749	26.0	0.0
57 years	92,783	535	0.00576	0.00018	0.99424	92,516	2,332,721	25.1	0.0
58 years	92,249	584	0.00633	0.00019	0.99367	91,957	2,240,205	24.3	0.0
59 years	91,665	638	0.00696	0.00020	0.99304	91,346	2,148,248	23.4	0.0
60 years	91,027	696	0.00765	0.00022	0.99235	90,678	2,056,903	22.6	0.0
61 years	90,330	760	0.00842	0.00023	0.99158	89,950	1,966,224	21.8	0.0
62 years	89,570	829	0.00926	0.00024	0.99074	89,155	1,876,274	21.0	0.0
63 years	88,741	905	0.01019	0.00026	0.98981	88,288	1,787,118	20.1	0.0
64 years	87,836	986	0.01122	0.00028	0.98878	87,343	1,698,830	19.3	0.0
65 years	86,850	1,074	0.01237	0.00031	0.98763	86,313	1,611,487	18.6	0.0
66 years	85,776	1,169	0.01363	0.00034	0.98637	85,192	1,525,173	17.8	0.0
67 years	84,607	1,271	0.01503	0.00036	0.98497	83,972	1,439,981	17.0	0.0
68 years	83,336	1,381	0.01657	0.00039	0.98343	82,646	1,356,010	16.3	0.0
69 years	81,955	1,499	0.01829	0.00043	0.98171	81,206	1,273,364	15.5	0.0
70 years	80,456	1,624	0.02018	0.00046	0.97982	79,644	1,192,159	14.8	0.0
71 years	78,832	1,757	0.02229	0.00050	0.97771	77,954	1,112,514	14.1	0.0
72 years	77,075	1,898	0.02462	0.00054	0.97538	76,126	1,034,560	13.4	0.0
73 years	75,177	2,046	0.02721	0.00058	0.97279	74,154	958,434	12.8	0.0
74 years	73,132	2,200	0.03009	0.00062	0.96991	72,031	884,280	12.1	0.0
75 years	70,931	2,360	0.03327	0.00067	0.96673	69,751	812,248	11.5	0.0
76 years	68,571	2,525	0.03682	0.00072	0.96318	67,309	742,497	10.8	0.0
77 years	66,047	2,692	0.04075	0.00077	0.95925	64,701	675,188	10.2	0.0
78 years	63,355	2,859	0.04513	0.00083	0.95487	61,926	610,487	9.6	0.0
79 years	60,496	3,024	0.04999	0.00089	0.95001	58,984	548,562	9.1	0.0
80 years	57,472	3,184	0.05540	0.00098	0.94460	55,880	489,578	8.5	0.0
81 years	54,288	3,334	0.06141	0.00107	0.93859	52,621	433,697	8.0	0.0
82 years	50,954	3,471	0.06811	0.00119	0.93189	49,219	381,076	7.5	0.0
83 years	47,484	3,588	0.07557	0.00131	0.92443	45,689	331,857	7.0	0.0
84 years	43,895	3,682	0.08388	0.00146	0.91612	42,054	286,168	6.5	0.0
85 years	40,213	3,745	0.09314	0.00163	0.90686	38,340	244,114	6.1	0.0
86 years	36,468	3,773	0.10346	0.00184	0.89654	34,581	205,774	5.6	0.0
87 years	32,695	3,759	0.11497	0.00207	0.88503	30,815	171,192	5.2	0.0
88 years	28,936	3,698	0.12782	0.00236	0.87218	27,086	140,377	4.9	0.0
89 years	25,237	3,587	0.14215	0.00272	0.85785	23,443	113,291	4.5	0.0
90 years	21,650	3,424	0.15815	0.00324	0.84185	19,938	89,848	4.2	0.0
91 years	18,226	3,200	0.17560	0.00391	0.82440	16,626	69,910	3.8	0.0
92 years	15,025	2,916	0.19409	0.00471	0.80591	13,567	53,284	3.6	0.0
93 years	12,109	2,586	0.21358	0.00568	0.78642	10,816	39,717	3.3	0.0
94 years	9,523	2,228	0.23397	0.00699	0.76603	8,409	28,901	3.0	0.0
95 years	7,295	1,888	0.25888	0.00864	0.74112	6,351	20,492	2.8	0.1

96 years	5,406	1,516	0.28045	0.01063	0.71955	4,648	14,142	2.6	0.1
97 years	3,890	1,177	0.30247	0.01313	0.69753	3,302	9,493	2.4	0.1
98 years	2,713	881	0.32477	0.01660	0.67523	2,273	6,192	2.3	0.1
99 years	1,832	636	0.34715	0.02144	0.65285	1,514	3,919	2.1	0.1
100 years	1,196	442	0.36941	0.02710	0.63059	975	2,404	2.0	0.1
101 years	754	295	0.39134	0.03476	0.60866	607	1,429	1.9	0.1
102 years	459	190	0.41277	0.04576	0.58723	364	823	1.8	0.2
103 years	270	117	0.43352	0.06607	0.56648	211	458	1.7	0.2
104 years	153	69	0.45345	0.10731	0.54655	118	247	1.6	0.3
105 years	83	39	0.47245	0.13352	0.52755	64	129	1.6	0.4
106 years	44	22	0.49041	0.14973	0.50959	33	65	1.5	0.5
107 years	22	11	0.50726	0.31211	0.49274	17	32	1.4	0.8
108 years	11	6	0.52298	0.48572	0.47702	8	15	1.4	1.0
109 years	5	3	0.53755	0.50663	0.46245	4	7	1.3	0.9
110 years and over	2	2	1.00000	0.00000	0.00000	3	3	1.3	...

... not
applicable.

Source: Statistics Canada, Demography Division.

Table 1b
Complete life table, females, Canada, 2009 to 2011

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	453	0.00453	0.00018	0.99547	99,593	8,341,756	83.4	0.0
1 year	99,547	21	0.00021	0.00004	0.99979	99,536	8,242,163	82.8	0.0
2 years	99,526	16	0.00016	0.00003	0.99984	99,518	8,142,627	81.8	0.0
3 years	99,510	13	0.00013	0.00003	0.99987	99,504	8,043,109	80.8	0.0
4 years	99,498	11	0.00011	0.00003	0.99989	99,492	7,943,605	79.8	0.0
5 years	99,487	9	0.00009	0.00003	0.99991	99,482	7,844,113	78.9	0.0
6 years	99,478	8	0.00008	0.00002	0.99992	99,474	7,744,630	77.9	0.0
7 years	99,470	8	0.00008	0.00002	0.99992	99,466	7,645,157	76.9	0.0
8 years	99,462	7	0.00007	0.00002	0.99993	99,458	7,545,691	75.9	0.0
9 years	99,455	7	0.00007	0.00002	0.99993	99,451	7,446,232	74.9	0.0
10 years	99,447	8	0.00008	0.00002	0.99992	99,444	7,346,781	73.9	0.0
11 years	99,440	8	0.00008	0.00002	0.99992	99,436	7,247,338	72.9	0.0
12 years	99,431	9	0.00009	0.00003	0.99991	99,427	7,147,902	71.9	0.0
13 years	99,422	11	0.00011	0.00003	0.99989	99,417	7,048,475	70.9	0.0
14 years	99,411	14	0.00014	0.00003	0.99986	99,404	6,949,059	69.9	0.0
15 years	99,398	17	0.00017	0.00003	0.99983	99,389	6,849,654	68.9	0.0
16 years	99,380	22	0.00022	0.00004	0.99978	99,370	6,750,266	67.9	0.0
17 years	99,359	25	0.00025	0.00004	0.99975	99,346	6,650,896	66.9	0.0
18 years	99,333	28	0.00028	0.00004	0.99972	99,320	6,551,550	66.0	0.0
19 years	99,306	29	0.00029	0.00004	0.99971	99,291	6,452,230	65.0	0.0
20 years	99,277	30	0.00030	0.00004	0.99970	99,262	6,352,939	64.0	0.0
21 years	99,247	31	0.00031	0.00004	0.99969	99,232	6,253,677	63.0	0.0
22 years	99,217	31	0.00031	0.00004	0.99969	99,201	6,154,445	62.0	0.0

23 years	99,186	31	0.00031	0.00004	0.99969	99,170	6,055,244	61.1	0.0
24 years	99,155	30	0.00031	0.00004	0.99969	99,140	5,956,074	60.1	0.0
25 years	99,125	30	0.00030	0.00004	0.99970	99,110	5,856,934	59.1	0.0
26 years	99,095	30	0.00030	0.00004	0.99970	99,079	5,757,825	58.1	0.0
27 years	99,064	31	0.00031	0.00004	0.99969	99,049	5,658,745	57.1	0.0
28 years	99,033	32	0.00033	0.00004	0.99967	99,017	5,559,696	56.1	0.0
29 years	99,001	34	0.00034	0.00004	0.99966	98,984	5,460,679	55.2	0.0
30 years	98,967	37	0.00037	0.00005	0.99963	98,949	5,361,695	54.2	0.0
31 years	98,930	40	0.00040	0.00005	0.99960	98,910	5,262,746	53.2	0.0
32 years	98,890	43	0.00044	0.00005	0.99956	98,869	5,163,836	52.2	0.0
33 years	98,847	47	0.00048	0.00005	0.99952	98,823	5,064,967	51.2	0.0
34 years	98,800	51	0.00052	0.00005	0.99948	98,774	4,966,144	50.3	0.0
35 years	98,749	56	0.00056	0.00006	0.99944	98,721	4,867,369	49.3	0.0
36 years	98,693	60	0.00061	0.00006	0.99939	98,663	4,768,649	48.3	0.0
37 years	98,633	66	0.00067	0.00006	0.99933	98,600	4,669,986	47.4	0.0
38 years	98,567	71	0.00072	0.00006	0.99928	98,531	4,571,386	46.4	0.0
39 years	98,495	78	0.00079	0.00007	0.99921	98,457	4,472,855	45.4	0.0
40 years	98,418	84	0.00086	0.00007	0.99914	98,376	4,374,398	44.5	0.0
41 years	98,334	92	0.00093	0.00007	0.99907	98,288	4,276,022	43.5	0.0
42 years	98,242	99	0.00101	0.00007	0.99899	98,192	4,177,735	42.5	0.0
43 years	98,143	108	0.00110	0.00008	0.99890	98,089	4,079,542	41.6	0.0
44 years	98,035	117	0.00120	0.00008	0.99880	97,976	3,981,454	40.6	0.0
45 years	97,917	127	0.00130	0.00008	0.99870	97,854	3,883,478	39.7	0.0
46 years	97,790	138	0.00142	0.00008	0.99858	97,721	3,785,624	38.7	0.0
47 years	97,651	150	0.00154	0.00008	0.99846	97,576	3,687,903	37.8	0.0
48 years	97,501	163	0.00167	0.00009	0.99833	97,419	3,590,327	36.8	0.0
49 years	97,338	177	0.00182	0.00009	0.99818	97,249	3,492,908	35.9	0.0
50 years	97,161	192	0.00198	0.00010	0.99802	97,064	3,395,658	35.0	0.0
51 years	96,968	209	0.00216	0.00010	0.99784	96,864	3,298,594	34.0	0.0
52 years	96,759	227	0.00235	0.00011	0.99765	96,645	3,201,731	33.1	0.0
53 years	96,532	247	0.00256	0.00011	0.99744	96,408	3,105,085	32.2	0.0
54 years	96,285	269	0.00279	0.00012	0.99721	96,150	3,008,677	31.3	0.0
55 years	96,016	293	0.00305	0.00013	0.99695	95,869	2,912,526	30.3	0.0
56 years	95,723	319	0.00333	0.00013	0.99667	95,563	2,816,657	29.4	0.0
57 years	95,404	348	0.00365	0.00014	0.99635	95,230	2,721,094	28.5	0.0
58 years	95,056	380	0.00399	0.00015	0.99601	94,866	2,625,864	27.6	0.0
59 years	94,676	415	0.00438	0.00016	0.99562	94,469	2,530,998	26.7	0.0
60 years	94,262	453	0.00480	0.00017	0.99520	94,035	2,436,529	25.9	0.0
61 years	93,809	495	0.00527	0.00018	0.99473	93,561	2,342,494	25.0	0.0
62 years	93,314	541	0.00580	0.00019	0.99420	93,043	2,248,932	24.1	0.0
63 years	92,773	592	0.00638	0.00020	0.99362	92,477	2,155,889	23.2	0.0
64 years	92,181	647	0.00702	0.00022	0.99298	91,858	2,063,412	22.4	0.0
65 years	91,534	708	0.00774	0.00024	0.99226	91,180	1,971,554	21.5	0.0
66 years	90,826	775	0.00854	0.00026	0.99146	90,438	1,880,374	20.7	0.0
67 years	90,050	849	0.00942	0.00028	0.99058	89,626	1,789,936	19.9	0.0
68 years	89,202	929	0.01041	0.00030	0.98959	88,737	1,700,310	19.1	0.0
69 years	88,273	1,017	0.01152	0.00033	0.98848	87,765	1,611,573	18.3	0.0
70 years	87,256	1,113	0.01275	0.00035	0.98725	86,700	1,523,808	17.5	0.0
71 years	86,144	1,217	0.01413	0.00038	0.98587	85,535	1,437,108	16.7	0.0
72 years	84,927	1,331	0.01567	0.00041	0.98433	84,261	1,351,573	15.9	0.0

73 years	83,596	1,454	0.01739	0.00044	0.98261	82,869	1,267,312	15.2	0.0
74 years	82,142	1,587	0.01932	0.00047	0.98068	81,348	1,184,443	14.4	0.0
75 years	80,555	1,731	0.02149	0.00050	0.97851	79,689	1,103,094	13.7	0.0
76 years	78,824	1,885	0.02392	0.00054	0.97608	77,881	1,023,405	13.0	0.0
77 years	76,939	2,050	0.02665	0.00057	0.97335	75,914	945,524	12.3	0.0
78 years	74,889	2,225	0.02971	0.00061	0.97029	73,776	869,610	11.6	0.0
79 years	72,664	2,409	0.03316	0.00065	0.96684	71,459	795,834	11.0	0.0
80 years	70,254	2,602	0.03704	0.00070	0.96296	68,953	724,375	10.3	0.0
81 years	67,652	2,802	0.04142	0.00076	0.95858	66,251	655,423	9.7	0.0
82 years	64,850	3,006	0.04635	0.00083	0.95365	63,347	589,172	9.1	0.0
83 years	61,844	3,211	0.05191	0.00090	0.94809	60,239	525,825	8.5	0.0
84 years	58,634	3,413	0.05820	0.00098	0.94180	56,927	465,586	7.9	0.0
85 years	55,221	3,607	0.06531	0.00107	0.93469	53,418	408,658	7.4	0.0
86 years	51,615	3,786	0.07335	0.00118	0.92665	49,721	355,241	6.9	0.0
87 years	47,828	3,944	0.08246	0.00131	0.91754	45,856	305,519	6.4	0.0
88 years	43,884	4,072	0.09278	0.00146	0.90722	41,849	259,663	5.9	0.0
89 years	39,813	4,160	0.10449	0.00164	0.89551	37,733	217,814	5.5	0.0
90 years	35,653	4,199	0.11778	0.00191	0.88222	33,553	180,081	5.1	0.0
91 years	31,453	4,169	0.13253	0.00224	0.86747	29,369	146,528	4.7	0.0
92 years	27,285	4,051	0.14848	0.00263	0.85152	25,259	117,159	4.3	0.0
93 years	23,234	3,848	0.16560	0.00307	0.83440	21,310	91,900	4.0	0.0
94 years	19,386	3,565	0.18389	0.00361	0.81611	17,604	70,590	3.6	0.0
95 years	15,821	3,289	0.20787	0.00433	0.79213	14,177	52,987	3.4	0.0
96 years	12,532	2,867	0.22877	0.00514	0.77123	11,099	38,810	3.1	0.0
97 years	9,665	2,422	0.25063	0.00618	0.74937	8,454	27,711	2.9	0.0
98 years	7,243	1,979	0.27327	0.00756	0.72673	6,253	19,257	2.7	0.0
99 years	5,264	1,561	0.29649	0.00945	0.70351	4,483	13,004	2.5	0.0
100 years	3,703	1,185	0.32009	0.01124	0.67991	3,110	8,520	2.3	0.1
101 years	2,518	866	0.34381	0.01429	0.65619	2,085	5,410	2.2	0.1
102 years	1,652	607	0.36744	0.01839	0.63256	1,349	3,325	2.0	0.1
103 years	1,045	408	0.39072	0.02429	0.60928	841	1,977	1.9	0.1
104 years	637	263	0.41344	0.03204	0.58656	505	1,136	1.8	0.1
105 years	373	163	0.43539	0.04656	0.56461	292	631	1.7	0.1
106 years	211	96	0.45641	0.05698	0.54359	163	338	1.6	0.2
107 years	115	55	0.47635	0.08296	0.52365	87	176	1.5	0.2
108 years	60	30	0.49512	0.12268	0.50488	45	88	1.5	0.3
109 years	30	16	0.51263	0.18747	0.48737	23	43	1.4	0.4
110 years and over	15	15	1.00000	0.00000	0.00000	21	21	1.4	...

... not
applicable.

Source: Statistics Canada, Demography Division.