

Central Statistics Office (2020): Irish Life Tables No. 17, 2015 – 2017.
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Table 1 Irish Life Table No. 17², male period life expectancy by age, 2015 - 2017

Age x^1	l_x^1	d_x^1	p_x^1	q_x^1	L_x^1	T_x^1	$e_x^{0,1}$	Age x
Exact age of person	Number of persons surviving	Number of deaths	Probability of surviving a year	Rate of mortality	Population expected	Expected number of person years lived	Life expectancy at age x	
0	100,000	332	0.9966764	0.00332355	99,834	7,964,620	79.65	0
1	99,668	18	0.9998175	0.00018249	99,659	7,864,787	78.91	1
2	99,649	16	0.9998419	0.00015815	99,642	7,765,128	77.92	2
3	99,634	10	0.9998949	0.00010511	99,628	7,665,486	76.94	3
4	99,623	9	0.9999112	0.00008877	99,619	7,565,858	75.94	4
5	99,614	8	0.9999169	0.00008314	99,610	7,466,239	74.95	5
6	99,606	8	0.9999246	0.00007538	99,602	7,366,629	73.96	6
7	99,599	6	0.9999423	0.00005775	99,596	7,267,027	72.96	7
8	99,593	3	0.9999674	0.00003262	99,591	7,167,431	71.97	8
9	99,590	2	0.9999827	0.00001732	99,589	7,067,840	70.97	9
10	99,588	3	0.9999697	0.00003031	99,586	6,968,251	69.97	10
11	99,585	8	0.9999208	0.00007924	99,581	6,868,665	68.97	11
12	99,577	10	0.9999006	0.00009941	99,572	6,769,084	67.98	12
13	99,567	9	0.9999086	0.00009136	99,563	6,669,512	66.99	13
14	99,558	11	0.9998848	0.00011522	99,552	6,569,949	65.99	14
15	99,546	18	0.9998233	0.00017672	99,538	6,470,397	65.00	15
16	99,529	25	0.9997446	0.00025543	99,516	6,370,859	64.01	16
17	99,503	33	0.9996652	0.00033479	99,487	6,271,343	63.03	17
18	99,470	40	0.9995956	0.00040443	99,450	6,171,856	62.05	18
19	99,430	46	0.9995423	0.00045766	99,407	6,072,406	61.07	19
20	99,384	49	0.9995069	0.00049306	99,360	5,972,999	60.10	20
21	99,335	51	0.9994860	0.00051400	99,310	5,873,639	59.13	21
22	99,284	52	0.9994730	0.00052696	99,258	5,774,329	58.16	22
23	99,232	54	0.9994608	0.00053924	99,205	5,675,071	57.19	23
24	99,179	55	0.9994466	0.00055336	99,151	5,575,866	56.22	24
25	99,124	56	0.9994306	0.00056944	99,095	5,476,715	55.25	25
26	99,067	58	0.9994124	0.00058759	99,038	5,377,619	54.28	26
27	99,009	60	0.9993920	0.00060797	98,979	5,278,581	53.31	27
28	98,949	62	0.9993693	0.00063074	98,918	5,179,602	52.35	28
29	98,886	65	0.9993439	0.00065608	98,854	5,080,685	51.38	29
30	98,822	68	0.9993158	0.00068420	98,788	4,981,831	50.41	30
31	98,754	71	0.9992847	0.00071535	98,719	4,883,043	49.45	31
32	98,683	74	0.9992502	0.00074979	98,646	4,784,324	48.48	32
33	98,609	78	0.9992122	0.00078782	98,570	4,685,678	47.52	33
34	98,532	82	0.9991702	0.00082979	98,491	4,587,108	46.55	34
35	98,450	86	0.9991239	0.00087609	98,407	4,488,617	45.59	35
36	98,364	91	0.9990729	0.00092712	98,318	4,390,210	44.63	36
37	98,272	97	0.9990166	0.00098340	98,224	4,291,892	43.67	37
38	98,176	103	0.9989546	0.00104544	98,124	4,193,668	42.72	38
39	98,073	109	0.9988861	0.00111386	98,018	4,095,544	41.76	39
40	97,964	117	0.9988106	0.00118935	97,906	3,997,525	40.81	40
41	97,847	125	0.9987273	0.00127267	97,785	3,899,620	39.85	41
42	97,723	133	0.9986353	0.00136468	97,656	3,801,835	38.90	42
43	97,589	143	0.9985337	0.00146634	97,518	3,704,178	37.96	43
44	97,446	154	0.9984213	0.00157875	97,369	3,606,661	37.01	44
45	97,293	166	0.9982969	0.00170313	97,210	3,509,291	36.07	45
46	97,127	179	0.9981592	0.00184085	97,037	3,412,081	35.13	46
47	96,948	193	0.9980065	0.00199346	96,851	3,315,044	34.19	47
48	96,755	209	0.9978373	0.00216271	96,650	3,218,193	33.26	48
49	96,546	227	0.9976494	0.00235057	96,432	3,121,543	32.33	49
50	96,319	247	0.9974408	0.00255924	96,195	3,025,111	31.41	50
51	96,072	268	0.9972088	0.00279124	95,938	2,928,915	30.49	51
52	95,804	292	0.9969506	0.00304937	95,658	2,832,977	29.57	52
53	95,512	319	0.9966632	0.00333683	95,352	2,737,319	28.66	53
54	95,193	348	0.9963428	0.00365720	95,019	2,641,967	27.75	54
55	94,845	381	0.9959855	0.00401454	94,655	2,546,948	26.85	55
56	94,464	417	0.9955866	0.00441345	94,256	2,452,293	25.96	56
57	94,047	457	0.9951409	0.00485909	93,819	2,358,038	25.07	57
58	93,590	501	0.9946427	0.00535733	93,340	2,264,219	24.19	58
59	93,089	551	0.9940852	0.00591479	92,814	2,170,879	23.32	59
60	92,538	605	0.9934611	0.00653895	92,236	2,078,066	22.46	60
61	91,933	665	0.9927617	0.00723827	91,600	1,985,830	21.60	61
62	91,268	732	0.9919777	0.00802233	90,902	1,894,230	20.75	62
63	90,536	806	0.9910981	0.00890193	90,133	1,803,328	19.92	63
64	89,730	887	0.9901107	0.00988932	89,286	1,713,195	19.09	64

65	88,842	977	0.9890017	0.01099831	88,354	1,623,910	18.28	65
66	87,865	1076	0.9877555	0.01224452	87,327	1,535,556	17.48	66
67	86,789	1184	0.9863544	0.01364559	86,197	1,448,229	16.69	67
68	85,605	1303	0.9847786	0.01522143	84,953	1,362,032	15.91	68
69	84,302	1433	0.9830055	0.01699450	83,586	1,277,078	15.15	69
70	82,869	1574	0.9810099	0.01899014	82,082	1,193,493	14.40	70
71	81,296	1726	0.9787632	0.02123685	80,432	1,111,410	13.67	71
72	79,569	1891	0.9762333	0.02376674	78,624	1,030,978	12.96	72
73	77,678	2067	0.9733841	0.02661587	76,644	952,354	12.26	73
74	75,611	2255	0.9701753	0.02982471	74,483	875,710	11.58	74
75	73,355	2453	0.9665614	0.03343860	72,129	801,227	10.92	75
76	70,903	2659	0.9624918	0.03750824	69,573	729,098	10.28	76
77	68,243	2872	0.9579098	0.04209018	66,807	659,525	9.66	77
78	65,371	3089	0.9527526	0.04724736	63,826	592,718	9.07	78
79	62,282	3304	0.9469504	0.05304958	60,630	528,892	8.49	79
80	58,978	3514	0.9404260	0.05957403	57,221	468,261	7.94	80
81	55,465	3711	0.9330943	0.06690568	53,609	411,040	7.41	81
82	51,754	3889	0.9248623	0.07513766	49,809	357,431	6.91	82
83	47,865	4038	0.9156285	0.08437146	45,846	307,622	6.43	83
84	43,827	4151	0.9052830	0.09471695	41,751	261,776	5.97	84
85	39,675	4217	0.8937078	0.10629219	37,567	220,025	5.55	85
86	35,458	4227	0.8807772	0.11922282	33,345	182,458	5.15	86
87	31,231	4174	0.8663590	0.13364105	29,144	149,113	4.77	87
88	27,057	4050	0.8503160	0.14968404	25,032	119,969	4.43	88
89	23,007	3853	0.8325084	0.16749159	21,080	94,937	4.13	89
90	19,154	3586	0.8127974	0.18720261	17,361	73,857	3.86	90
91	15,568	3243	0.7916937	0.20830632	13,947	56,496	3.63	91
92	12,325	2807	0.7722378	0.22776219	10,921	42,550	3.45	92
93	9,518	2310	0.7573205	0.24267951	8,363	31,628	3.32	93
94	7,208	1824	0.7469812	0.25301883	6,296	23,265	3.23	94
95	5,384	1397	0.7405538	0.25944618	4,686	16,969	3.15	95
96	3,987	1048	0.7370998	0.26290017	3,463	12,283	3.08	96
97	2,939	777	0.7355266	0.26447343	2,550	8,820	3.00	97
98	2,162	574	0.7346751	0.26532494	1,875	6,269	2.90	98
99	1,588	423	0.7333642	0.26663580	1,376	4,394	2.77	99
100	1,165	314	0.7303920	0.26960804	1,008	3,018	2.59	100
101	851	234	0.7244939	0.27550611	734	2,010	2.36	101
102	616	176	0.7142576	0.28574240	528	1,277	2.07	102
103	440	133	0.6979895	0.30201049	374	748	1.70	103
104	307	86	0.7191097	0.28089033	264	375	1.22	104
105	221	221	0.8961012	0.10389884	110	110	0.50	105

¹See below and background notes.

x the exact age of the person, that is on his or her birthday.

l_x the number of persons surviving to exact age x out of the original 100,000 aged 0.

d_x the number of deaths in the year of age x to x+1 out of l_x persons who enter that year.

p_x the probability of surviving a year, or the ratio of the number completing the year of age x to x+1 to the number entering on the year.

q_x the rate of mortality, the probability of dying in a year, or the ratio of the number of deaths in the year of age x to x+1 to the number entering on the year.

L_x the population to be expected according to the Life Table aged between x and x+1 years, assuming deaths occur evenly over the year.

T_x the expected number of person years to be lived by the survivors at age x.

$e_x^{(1)}$ life expectancy at age x for each person surviving, or the total future life time in years which will on average be passed through by persons aged exactly x.

²This release is number 17 in the iteration of Irish Life Tables

Table 2 Irish Life Table No. 17², female period life expectancy by age, 2015 - 2017

Age x^1	l_x^1	d_x^1	p_x^1	q_x^1	L_x^1	T_x^1	$e_x^{(1)}$	Age x
Exact age of person	Number of persons surviving	Number of deaths	Probability of surviving a year	Rate of mortality	Population expected	Expected number of person years lived	Life expectancy at age x	
0	100,000	304	0.9969598	0.00304020	99,848	8,343,780	83.44	0
1	99,696	22	0.9997842	0.00021585	99,685	8,243,932	82.69	1
2	99,674	7	0.9999332	0.00006683	99,671	8,144,247	81.71	2
3	99,668	5	0.9999476	0.00005239	99,665	8,044,575	80.71	3
4	99,663	6	0.9999357	0.00006425	99,659	7,944,910	79.72	4
5	99,656	8	0.9999239	0.00007613	99,652	7,845,251	78.72	5
6	99,649	6	0.9999355	0.00006452	99,645	7,745,599	77.73	6
7	99,642	5	0.9999470	0.00005301	99,640	7,645,953	76.73	7
8	99,637	5	0.9999536	0.00004637	99,635	7,546,314	75.74	8
9	99,632	4	0.9999569	0.00004306	99,630	7,446,679	74.74	9
10	99,628	4	0.9999577	0.00004232	99,626	7,347,049	73.74	10
11	99,624	4	0.9999561	0.00004389	99,622	7,247,423	72.75	11
12	99,619	5	0.9999521	0.00004787	99,617	7,147,802	71.75	12
13	99,615	5	0.9999452	0.00005476	99,612	7,048,185	70.75	13
14	99,609	7	0.9999345	0.00006548	99,606	6,948,573	69.76	14
15	99,603	8	0.9999184	0.00008161	99,599	6,848,967	68.76	15

16	99,595	11	0.9998943	0.00010570	99,589	6,749,368	67.77	16
17	99,584	14	0.9998582	0.00014179	99,577	6,649,779	66.78	17
18	99,570	19	0.9998115	0.00018852	99,560	6,550,202	65.78	18
19	99,551	20	0.9997962	0.00020377	99,541	6,450,642	64.80	19
20	99,531	17	0.9998248	0.00017518	99,522	6,351,101	63.81	20
21	99,513	15	0.9998466	0.00015336	99,506	6,251,579	62.82	21
22	99,498	15	0.9998483	0.00015172	99,491	6,152,073	61.83	22
23	99,483	16	0.9998370	0.00016302	99,475	6,052,582	60.84	23
24	99,467	18	0.9998181	0.00018190	99,458	5,953,107	59.85	24
25	99,449	20	0.9997973	0.00020272	99,439	5,853,650	58.86	25
26	99,429	22	0.9997763	0.00022370	99,417	5,754,211	57.87	26
27	99,406	24	0.9997553	0.00024471	99,394	5,654,794	56.89	27
28	99,382	26	0.9997343	0.00026569	99,369	5,555,400	55.90	28
29	99,356	28	0.9997134	0.00028665	99,341	5,456,031	54.91	29
30	99,327	31	0.9996923	0.00030768	99,312	5,356,689	53.93	30
31	99,297	33	0.9996711	0.00032895	99,280	5,257,378	52.95	31
32	99,264	35	0.9996493	0.00035072	99,246	5,158,097	51.96	32
33	99,229	37	0.9996267	0.00037335	99,211	5,058,851	50.98	33
34	99,192	39	0.9996027	0.00039728	99,172	4,959,640	50.00	34
35	99,153	42	0.9995769	0.00042310	99,132	4,860,468	49.02	35
36	99,111	45	0.9995485	0.00045150	99,088	4,761,337	48.04	36
37	99,066	48	0.9995167	0.00048334	99,042	4,662,248	47.06	37
38	99,018	51	0.9994803	0.00051970	98,992	4,563,206	46.08	38
39	98,967	56	0.9994381	0.00056191	98,939	4,464,214	45.11	39
40	98,911	60	0.9993888	0.00061115	98,881	4,365,275	44.13	40
41	98,850	66	0.9993317	0.00066827	98,817	4,266,395	43.16	41
42	98,784	73	0.9992658	0.00073417	98,748	4,167,577	42.19	42
43	98,712	80	0.9991902	0.00080983	98,672	4,068,829	41.22	43
44	98,632	88	0.9991037	0.00089631	98,588	3,970,157	40.25	44
45	98,544	98	0.9990053	0.00099473	98,495	3,871,569	39.29	45
46	98,446	109	0.9988937	0.00110627	98,391	3,773,075	38.33	46
47	98,337	121	0.9987679	0.00123207	98,276	3,674,684	37.37	47
48	98,215	135	0.9986268	0.00137323	98,148	3,576,408	36.41	48
49	98,081	150	0.9984692	0.00153076	98,006	3,478,260	35.46	49
50	97,930	167	0.9982945	0.00170545	97,847	3,380,254	34.52	50
51	97,763	186	0.9981022	0.00189784	97,671	3,282,407	33.57	51
52	97,578	206	0.9978919	0.00210805	97,475	3,184,736	32.64	52
53	97,372	227	0.9976640	0.00233599	97,258	3,087,261	31.71	53
54	97,145	251	0.9974174	0.00258262	97,019	2,990,003	30.78	54
55	96,894	276	0.9971504	0.00284955	96,756	2,892,984	29.86	55
56	96,618	303	0.9968613	0.00313865	96,466	2,796,228	28.94	56
57	96,315	332	0.9965479	0.00345214	96,148	2,699,762	28.03	57
58	95,982	364	0.9962074	0.00379261	95,800	2,603,613	27.13	58
59	95,618	398	0.9958369	0.00416312	95,419	2,507,813	26.23	59
60	95,220	435	0.9954327	0.00456726	95,002	2,412,394	25.33	60
61	94,785	475	0.9949907	0.00500927	94,548	2,317,392	24.45	61
62	94,310	518	0.9945059	0.00549415	94,051	2,222,844	23.57	62
63	93,792	565	0.9939722	0.00602782	93,509	2,128,793	22.70	63
64	93,227	617	0.9933827	0.00661725	92,918	2,035,284	21.83	64
65	92,610	673	0.9927293	0.00727075	92,273	1,942,366	20.97	65
66	91,936	735	0.9920019	0.00799812	91,569	1,850,092	20.12	66
67	91,201	804	0.9911889	0.00881107	90,799	1,758,524	19.28	67
68	90,398	879	0.9902764	0.00972357	89,958	1,667,724	18.45	68
69	89,519	963	0.9892477	0.01075229	89,037	1,577,766	17.63	69
70	88,556	1055	0.9880827	0.01191729	88,028	1,488,729	16.81	70
71	87,501	1159	0.9867573	0.01324270	86,921	1,400,701	16.01	71
72	86,342	1274	0.9852423	0.01475770	85,705	1,313,779	15.22	72
73	85,068	1403	0.9835023	0.01649767	84,366	1,228,074	14.44	73
74	83,664	1548	0.9814943	0.01850572	82,890	1,143,708	13.67	74
75	82,116	1711	0.9791655	0.02083453	81,261	1,060,818	12.92	75
76	80,405	1893	0.9764519	0.02354813	79,459	979,558	12.18	76
77	78,512	2097	0.9732867	0.02671326	77,463	900,099	11.46	77
78	76,415	2323	0.9696025	0.03039745	75,253	822,636	10.77	78
79	74,092	2569	0.9653245	0.03467553	72,807	747,383	10.09	79
80	71,523	2834	0.9603705	0.03962946	70,105	674,576	9.43	80
81	68,688	3115	0.9546524	0.04534759	67,131	604,470	8.80	81
82	65,573	3405	0.9480769	0.05192313	63,871	537,340	8.19	82
83	62,169	3696	0.9405480	0.05945201	60,320	473,469	7.62	83
84	58,472	3978	0.9319704	0.06802964	56,484	413,148	7.07	84

85	54,495	4237	0.9222532	0.07774677	52,376	356,665	6.54	85
86	50,258	4457	0.9113158	0.08868416	48,029	304,289	6.05	86
87	45,801	4622	0.8990938	0.10090621	43,490	256,259	5.60	87
88	41,179	4713	0.8855464	0.11445357	38,823	212,769	5.17	88
89	36,466	4716	0.8706648	0.12933523	34,108	173,947	4.77	89
90	31,750	4620	0.8544797	0.14552025	29,440	139,839	4.40	90
91	27,129	4420	0.8370699	0.16293008	24,919	110,399	4.07	91
92	22,709	4120	0.8185680	0.18143198	20,649	85,480	3.76	92
93	18,589	3733	0.7991655	0.20083448	16,722	64,831	3.49	93
94	14,856	3281	0.7791142	0.22088580	13,215	48,108	3.24	94
95	11,574	2793	0.7587244	0.24127563	10,178	34,893	3.01	95
96	8,782	2298	0.7383590	0.26164101	7,633	24,715	2.81	96
97	6,484	1826	0.7184240	0.28157596	5,571	17,082	2.63	97
98	4,658	1400	0.6993552	0.30064477	3,958	11,511	2.47	98
99	3,258	1037	0.6816024	0.31839759	2,739	7,553	2.32	99
100	2,221	743	0.6656126	0.33438743	1,849	4,814	2.17	100
101	1,478	515	0.6518133	0.34818666	1,221	2,964	2.01	101
102	963	346	0.6405984	0.35940165	790	1,744	1.81	102
103	617	227	0.6323156	0.36768442	504	953	1.54	103
104	390	136	0.6524701	0.34752987	322	450	1.15	104
105	255	255	0.7895501	0.21044991	127	127	0.50	105

¹See below and background notes.

x the exact age of the person, that is on his or her birthday.

l_x the number of persons surviving to exact age x out of the original 100,000 aged 0.

d_x the number of deaths in the year of age x to $x+1$ out of l_x persons who enter that year.

p_x the probability of surviving a year, or the ratio of the number completing the year of age x to $x+1$ to the number entering on the year.

q_x the rate of mortality, the probability of dying in a year, or the ratio of the number of deaths in the year of age x to $x+1$ to the number entering on the year.

L_x the population to be expected according to the Life Table aged between x and $x+1$ years, assuming deaths occur evenly over the year.

T_x the expected number of person years to be lived by the survivors at age x .

e_x^o life expectancy at age x for each person surviving, or the total future life time in years which will on average be passed through by persons aged exactly x .

²This release is number 17 in the iteration of Irish Life Tables