

Office for National Statistics (UK): **National Life Tables, England (2017-2019)**; downloaded from: [www.ons.gov.uk](http://www.ons.gov.uk) (03.11.2021).

# National Life Tables, England, period expectation of life, based on data for the years 2017-2019

This worksheet contains two tables, presented horizontally with one blank column in between the tables.  
This worksheet uses notation in the column headers, please see the notation worksheet for explanations.

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## National life tables, Males

age	mx	qx	lx	dx	ex
0	0.004321	0.004312	10000.0	431.2	79.67
1	0.000242	0.000242	99568.8	24.1	79.02
2	0.000132	0.000132	99544.7	13.2	78.04
3	0.000102	0.000102	99531.5	10.1	77.05
4	0.000094	0.000094	99521.4	9.4	76.06
5	0.000089	0.000089	99512.0	8.9	75.06
6	0.000083	0.000083	99503.1	8.3	74.07
7	0.000073	0.000073	99494.8	7.3	73.08
8	0.000064	0.000064	99487.5	6.4	72.08
9	0.000062	0.000062	99481.1	6.2	71.09
10	0.000072	0.000072	99475.0	7.2	70.09
11	0.000081	0.000081	99467.8	8.1	69.09
12	0.000105	0.000105	99459.7	10.4	68.10
13	0.000125	0.000125	99449.3	12.4	67.11
14	0.000116	0.000116	99436.9	11.5	66.12
15	0.000169	0.000169	99425.4	16.8	65.12
16	0.000220	0.000220	99408.5	21.9	64.13
17	0.000303	0.000303	99386.7	30.2	63.15
18	0.000387	0.000387	99356.5	38.5	62.17
19	0.000415	0.000415	99318.0	41.2	61.19
20	0.000503	0.000503	99276.8	49.9	60.22
21	0.000498	0.000498	99226.9	49.4	59.25
22	0.000479	0.000478	99177.4	47.5	58.28
23	0.000470	0.000470	99130.0	46.6	57.30
24	0.000513	0.000513	99083.4	50.8	56.33
25	0.000538	0.000538	99032.6	53.3	55.36
26	0.000543	0.000543	98979.3	53.7	54.39
27	0.000574	0.000574	98925.6	56.7	53.42
28	0.000629	0.000629	98868.8	62.1	52.45
29	0.000664	0.000664	98806.7	65.6	51.48
30	0.000711	0.000711	98741.1	70.2	50.51
31	0.000772	0.000772	98670.9	76.2	49.55
32	0.000756	0.000755	98594.7	74.5	48.59
33	0.000861	0.000861	98520.2	84.8	47.62
34	0.000893	0.000892	98435.4	87.8	46.66
35	0.000968	0.000967	98347.6	95.1	45.71
36	0.001051	0.001050	98252.5	103.2	44.75
37	0.001212	0.001211	98149.3	118.9	43.80
38	0.001179	0.001178	98030.4	115.5	42.85
39	0.001291	0.001290	97914.9	126.3	41.90
40	0.001431	0.001430	97788.6	139.8	40.95
41	0.001535	0.001534	97648.7	149.8	40.01
42	0.001678	0.001676	97498.9	163.4	39.07
43	0.001853	0.001851	97335.5	180.2	38.14
44	0.001962	0.001960	97155.3	190.4	37.21
45	0.002226	0.002223	96964.9	215.6	36.28
46	0.002306	0.002304	96749.3	222.9	35.36
47	0.002573	0.002570	96526.4	248.1	34.44
48	0.002719	0.002715	96278.4	261.4	33.53
49	0.003047	0.003042	96017.0	292.1	32.62
50	0.003239	0.003233	95724.8	309.5	31.71
51	0.003496	0.003490	95415.3	333.0	30.81
52	0.003755	0.003748	95082.3	356.4	29.92
53	0.004021	0.004013	94725.9	380.1	29.03
54	0.004318	0.004309	94345.8	406.5	28.15
55	0.004653	0.004642	93939.3	436.1	27.27
56	0.005192	0.005178	93503.2	484.2	26.39
57	0.005695	0.005678	93019.0	528.2	25.53
58	0.006208	0.006189	92490.8	572.4	24.67
59	0.006728	0.006705	91918.3	616.3	23.82
60	0.007414	0.007386	91302.0	674.4	22.98
61	0.008049	0.008017	90627.6	726.5	22.14
62	0.008998	0.008958	89901.1	805.3	21.32
63	0.009929	0.009880	89095.8	880.3	20.51
64	0.010735	0.010678	88215.5	942.0	19.71
65	0.011872	0.011802	87273.5	1030.0	18.91
66	0.012985	0.012901	86243.5	1112.6	18.13
67	0.014160	0.014060	85130.9	1197.0	17.36
68	0.015490	0.015371	83933.9	1290.1	16.60
69	0.016987	0.016844	82643.8	1392.1	15.86
70	0.017956	0.017796	81251.8	1446.0	15.12
71	0.020010	0.019812	79805.8	1581.1	14.38
72	0.021869	0.021632	78224.7	1692.2	13.66
73	0.025311	0.024995	76532.5	1912.9	12.96
74	0.027602	0.027226	74619.6	2031.6	12.27
75	0.030891	0.030421	72588.0	2208.2	11.60
76	0.034948	0.034348	70379.8	2417.4	10.95
77	0.038670	0.037937	67962.4	2578.3	10.32
78	0.043514	0.042587	65384.2	2784.5	9.71
79	0.048056	0.046928	62599.6	2937.7	9.12
80	0.054329	0.052892	59662.0	3155.7	8.55
81	0.060667	0.058881	56506.3	3327.1	8.00
82	0.067296	0.065106	53179.2	3462.3	7.46
83	0.076235	0.073435	49716.9	3651.0	6.95
84	0.087106	0.083471	46065.9	3845.2	6.46
85	0.097770	0.093214	42220.8	3935.5	6.00
86	0.111136	0.105286	38285.2	4030.9	5.57
87	0.124636	0.117324	34254.4	4018.9	5.17
88	0.141065	0.131771	30235.5	3984.2	4.79
89	0.160029	0.148173	26251.3	3889.7	4.44
90	0.171303	0.157788	22361.6	3528.4	4.12
91	0.194057	0.176893	18833.2	3331.5	3.80
92	0.215207	0.194300	15501.7	3012.0	3.51
93	0.239683	0.214033	12489.8	2673.2	3.23
94	0.268883	0.237018	9816.5	2326.7	2.98
95	0.301158	0.261745	7489.8	1960.4	2.75
96	0.339814	0.290462	5529.4	1606.1	2.55
97	0.380074	0.305138	3923.3	1197.2	2.38
98	0.390059	0.326401	2726.2	889.8	2.21
99	0.451980	0.368665	1836.3	677.0	2.04
100	0.481498	0.38807	1159.3	449.9	1.94

## National life tables, Females

age	mx	qx	lx	dx	ex
0	0.003582	0.003576	10000.0	357.6	83.33
1	0.000213	0.000213	99642.4	21.2	82.63
2	0.000125	0.000125	99621.2	12.4	81.65
3	0.000098	0.000098	99608.8	9.8	80.66
4	0.000064	0.000064	99599.0	6.4	79.67
5	0.000085	0.000085	99592.6	8.5	78.67
6	0.000079	0.000079	99584.1	7.8	77.68
7	0.000061	0.000061	99576.3	6.0	76.68
8	0.000064	0.000064	99570.3	6.3	75.69
9	0.000056	0.000056	99563.9	5.6	74.69
10	0.000064	0.000064	99558.3	6.4	73.70
11	0.000062	0.000062	99551.9	6.2	72.70
12	0.000057	0.000057	99545.8	5.6	71.71
13	0.000079	0.000079	99540.1	7.9	70.71
14	0.000092	0.000092	99532.2	9.1	69.72
15	0.000098	0.000098	99525.1	9.8	68.72
16	0.000148	0.000148	99513.3	14.7	67.73
17	0.000159	0.000159	99498.6	15.8	66.74
18	0.000211	0.000211	99482.8	20.9	65.75
19	0.000194	0.000194	99461.8	19.3	64.76
20	0.000179	0.000179	99442.6	17.8	63.78
21	0.000201	0.000201	99424.6	20.0	62.79
22	0.000215	0.000215	99404.8	21.4	61.80
23	0.000200	0.000200	99383.4	19.9	60.81
24	0.000218	0.000218	99363.5	21.6	59.82
25	0.000244	0.000244	99341.9	24.3	58.84
26	0.000259	0.000259	99317.7	25.7	57.85
27	0.000270	0.000270	99291.9	26.9	56.87
28	0.000304	0.000304	99265.1	30.2	55.88
29	0.000302	0.000302	99234.9	30.0	54.90
30	0.000358	0.000358	99204.9	35.5	53.92
31	0.000369	0.000369	99169.4	36.6	52.93
32	0.000436	0.000436	99132.9	43.2	51.95
33	0.000451	0.000451	99089.7	44.7	50.98
34	0.000525	0.000525	99045.0	52.0	50.00
35	0.000554	0.000554	98993.0	54.8	49.03
36	0.000583	0.000583	98938.1	57.7	48.05
37	0.000746	0.000746	98880.5	73.8	47.08
38	0.000703	0.000703	98806.7	69.4	46.11
39	0.000771	0.000770	98737.2	76.1	45.15
40	0.000829	0.000828	98661.2	81.7	44.18
41	0.000916	0.000916	98579.5	90.2	43.22
42	0.001028	0.001027	98489.2	101.2	42.26
43	0.001098	0.001098	98388.0	108.0	41.30
44	0.001261	0.001260	98280.0	123.8	40.34
45	0.001361	0.001360	98156.2	133.5	39.39
46	0.001495	0.001494	98022.7	146.4	38.45
47	0.001620	0.001618	97876.3	158.4	37.50
48	0.001772	0.001770	97717.9	173.0	36.56
49	0.001899	0.001897	97544.9	185.0	35.63
50	0.002091	0.002089	97359.9	203.4	34.69
51	0.002277	0.002274	97156.5	221.0	33.77
52	0.002478	0.002474	96935.5	239.9	32.84
53	0.002591	0.002587	96695.6	250.2	31.92
54	0.002773	0.002770	96445.5	267.1	31.00
55	0.003089	0.003084	96178.3	296.6	30.09
56	0.003400	0.003395	95881.7	325.5	29.18
57	0.003689	0.003682	95566.2	351.9	28.28
58	0.004082	0.004073	95204.4	387.8	27.38
59	0.004403	0.004393	94816.6	416.5	26.49
60	0.004852	0.004841	94400.0	456.9	25.61
61	0.005299	0.005285	93943.1	496.5	24.73
62	0.006098	0.006079	93446.6	568.1	23.86
63	0.006478	0.006457	92878.5	599.7	23.00
64	0.007006	0.006982	92278.7	644.3	22.15
65	0.007698	0.007668	91634.5	702.7	21.30
66	0.008278	0.008244	90931.8	749.7	20.46
67	0.009053	0.009012	90182.1	812.7	19.62
68	0.010082	0.010032	89369.4	896.5	18.80
69	0.010880	0.010821	88472.9	957.3	17.98
70	0.012030	0.011958	87515.5	1046.6	1