

National Statistical Institute (Bulgaria): Mortality and life expectancy at birth by sex and place of residence for the 2015-2017 period, in Population and Demographic Processes 2017, pp. 97-115; downloaded from: www.nsi.bg/ (19.12.2018).

НАСЕЛЕНИЕ И ДЕМОГРАФСКИ ПРОЦЕСИ 2017

POPULATION AND DEMOGRAPHIC PROCESSES 2017



9. Смъртност и средна продължителност на предстоящия живот на населението в градовете и селата по пол през периода 2015 - 2017 година
Mortality and life expectancy at birth by sex and residence for the 2015 - 2017 period

Възраст (в навършени години) Age (years)	Брой на доживелите до възраст x години Number of surviving to exact age		Брой на умрелите в интервала от x до x+1 години Number of dying from x to x+1 years		Вероятност за умиране в интервала от x до x+1 години Probability of dying from x to x+1 years		Вероятност за доживяване до възраст x+1 години Probability of surviving to x+1 years		Брой на живеещите на възраст x години Number of living at exact age		Брой на преживяните човекогодини Number of surviving person years		Средна продължителност на предстоящия живот Life expectancy	
x	lx		dx		qx		px		Lx		Tx		ex	
	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female
В градовете Urban residence														
0	100000	100000	646	485	0.00646	0.00485	0.99354	0.99515	99470	99607	7215401	7901930	72.15	79.02
1	99354	99515	40	34	0.00040	0.00034	0.99960	0.99966	99354	99487	7115931	7802323	71.62	78.40
2	99314	99481	32	21	0.00032	0.00021	0.99968	0.99979	99314	99463	7016577	7702836	70.65	77.43
3	99282	99460	28	13	0.00028	0.00013	0.99972	0.99987	99282	99449	6917263	7603373	69.67	76.45
4	99254	99447	24	4	0.00024	0.00004	0.99976	0.99996	99254	99444	6817981	7503924	68.69	75.46
5	99230	99443	17	14	0.00017	0.00014	0.99983	0.99986	99221	99437	6718728	7404480	67.71	74.46
6	99213	99429	16	10	0.00017	0.00010	0.99983	0.99990	99205	99424	6619507	7305043	66.72	73.47
7	99197	99420	25	6	0.00025	0.00006	0.99975	0.99994	99184	99417	6520301	7205619	65.73	72.48
8	99171	99414	11	6	0.00011	0.00006	0.99989	0.99994	99165	99411	6421117	7106202	64.75	71.48
9	99160	99408	8	10	0.00008	0.00010	0.99992	0.99990	99157	99404	6321952	7006791	63.75	70.49
10	99153	99398	16	17	0.00016	0.00017	0.99984	0.99983	99146	99390	6222795	6907387	62.76	69.49
11	99137	99382	26	13	0.00026	0.00013	0.99974	0.99987	99124	99375	6123649	6807998	61.77	68.50
12	99111	99369	12	13	0.00012	0.00013	0.99988	0.99987	99105	99362	6024525	6708622	60.79	67.51
13	99099	99356	21	11	0.00021	0.00011	0.99979	0.99989	99089	99350	5925421	6609260	59.79	66.52
14	99078	99345	38	16	0.00039	0.00016	0.99961	0.99984	99059	99337	5826331	6509910	58.81	65.53
15	99039	99329	36	27	0.00036	0.00027	0.99964	0.99973	99021	99315	5727272	6410573	57.83	64.54
16	99003	99301	33	26	0.00033	0.00026	0.99967	0.99974	98988	99289	5628251	6311257	56.85	63.56
17	98970	99275	56	35	0.00056	0.00035	0.99944	0.99965	98943	99258	5529264	6211969	55.87	62.57
18	98914	99241	56	28	0.00057	0.00028	0.99943	0.99972	98887	99227	5430320	6112711	54.90	61.59
19	98858	99213	87	37	0.00088	0.00037	0.99912	0.99963	98816	99195	5331433	6013484	53.93	60.61
20	98771	99176	85	29	0.00086	0.00029	0.99914	0.99971	98729	99161	5232617	5914289	52.98	59.63
21	98686	99148	91	21	0.00093	0.00021	0.99907	0.99979	98640	99137	5133889	5815128	52.02	58.65
22	98594	99127	78	27	0.00080	0.00028	0.99920	0.99972	98555	99114	5035249	5715990	51.07	57.66
23	98516	99100	89	35	0.00090	0.00035	0.99910	0.99965	98472	99082	4936694	5616877	50.11	56.68
24	98427	99065	78	22	0.00079	0.00022	0.99921	0.99978	98388	99054	4838222	5517795	49.16	55.70
25	98350	99043	82	28	0.00083	0.00028	0.99917	0.99972	98310	99030	4739834	5418741	48.19	54.71
26	98268	99015	103	44	0.00105	0.00044	0.99895	0.99956	98216	98994	4641524	5319711	47.23	53.73
27	98164	98971	76	42	0.00077	0.00042	0.99923	0.99958	98126	98950	4543308	5220718	46.28	52.75
28	98089	98929	88	45	0.00090	0.00046	0.99910	0.99954	98045	98907	4445182	5121767	45.32	51.77
29	98000	98884	95	42	0.00096	0.00043	0.99904	0.99957	97953	98863	4347137	5022861	44.36	50.80
30	97906	98842	93	52	0.00095	0.00052	0.99905	0.99948	97860	98816	4249184	4923998	43.40	49.82
31	97813	98790	112	40	0.00115	0.00041	0.99885	0.99959	97758	98770	4151324	4825182	42.44	48.84
32	97700	98750	119	51	0.00122	0.00052	0.99878	0.99948	97642	98725	4053567	4726412	41.49	47.86
33	97582	98698	138	51	0.00141	0.00052	0.99859	0.99948	97514	98674	3955925	4627688	40.54	46.89
34	97444	98647	149	81	0.00153	0.00082	0.99847	0.99918	97370	98606	3858411	4529014	39.60	45.91
35	97295	98566	155	48	0.00159	0.00049	0.99841	0.99951	97219	98541	3761041	4430407	38.66	44.95
36	97140	98518	187	61	0.00192	0.00062	0.99808	0.99938	97048	98489	3663822	4331866	37.72	43.97
37	96953	98457	187	83	0.00193	0.00084	0.99807	0.99916	96860	98417	3566774	4233378	36.79	43.00

9. Смъртност и средна продължителност на предстоящия живот на населението в градовете и селата по пол през периода 2015 - 2017 година

Mortality and life expectancy at birth by sex and residence for the 2015 - 2017 period

(Продължение)
(Continued)

Възраст (в навършени години) Age (years)	Брой на доживелите до възраст x години Number of surviving to exact age		Брой на умрелите в интервала от x до x+1 години Number of dying from x to x+1 years		Вероятност за умиране в интервала от x до x+1 години Probability of dying from x to x+1 years		Вероятност за доживяване до възраст x+1 години Probability of surviving to x+1 years		Брой на живеещите на възраст x години Number of living at exact age		Брой на преживените човекогодини Number of surviving person years		Средна продължителност на предстоящия живот Life expectancy	
x	lx		dx		qx		px		Lx		Tx		ex	
	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female
38	96766	98374	194	100	0.00200	0.00101	0.99800	0.99899	96671	98325	3469915	4134961	35.86	42.03
39	96572	98274	233	116	0.00241	0.00118	0.99759	0.99882	96458	98217	3373244	4036635	34.93	41.08
40	96339	98158	252	122	0.00262	0.00124	0.99738	0.99876	96214	98098	3276785	3938418	34.01	40.12
41	96087	98036	253	145	0.00264	0.00148	0.99736	0.99852	95961	97964	3180571	3840320	33.10	39.17
42	95834	97891	259	120	0.00270	0.00123	0.99730	0.99877	95707	97832	3084610	3742356	32.19	38.23
43	95575	97771	315	162	0.00329	0.00166	0.99671	0.99834	95422	97693	2988903	3644525	31.27	37.28
44	95261	97609	353	189	0.00370	0.00193	0.99630	0.99807	95090	97518	2893481	3546832	30.37	36.34
45	94908	97420	443	242	0.00467	0.00249	0.99533	0.99751	94689	97300	2798391	3449314	29.49	35.41
46	94465	97177	408	215	0.00432	0.00222	0.99568	0.99778	94265	97070	2703702	3352014	28.62	34.49
47	94057	96962	522	252	0.00555	0.00260	0.99445	0.99740	93801	96838	2609438	3254944	27.74	33.57
48	93535	96710	524	263	0.00560	0.00272	0.99440	0.99728	93276	96580	2515636	3158106	26.90	32.66
49	93011	96447	580	289	0.00623	0.00300	0.99377	0.99700	92728	96303	2422361	3061526	26.04	31.74
50	92431	96158	699	283	0.00756	0.00295	0.99244	0.99705	92087	96020	2329632	2965223	25.20	30.84
51	91733	95874	710	385	0.00774	0.00401	0.99226	0.99599	91384	95686	2237545	2869203	24.39	29.93
52	91023	95490	843	379	0.00926	0.00397	0.99074	0.99603	90611	95302	2146161	2773516	23.58	29.05
53	90180	95111	948	413	0.01051	0.00434	0.98949	0.99566	89711	94907	2055550	2678215	22.79	28.16
54	89232	94698	965	438	0.01082	0.00462	0.98918	0.99538	88756	94485	1965839	2583308	22.03	27.28
55	88267	94260	1105	545	0.01252	0.00579	0.98748	0.99421	87720	93992	1877083	2488823	21.27	26.40
56	87162	93715	1100	534	0.01262	0.00570	0.98738	0.99430	86617	93448	1789363	2394832	20.53	25.55
57	86062	93181	1233	551	0.01432	0.00591	0.98568	0.99409	85459	92910	1702746	2301384	19.79	24.70
58	84829	92630	1413	658	0.01666	0.00711	0.98334	0.99289	84132	92305	1617287	2208473	19.07	23.84
59	83416	91972	1462	665	0.01753	0.00723	0.98247	0.99277	82693	91641	1533155	2116168	18.38	23.01
60	81954	91307	1611	697	0.01965	0.00763	0.98035	0.99237	81158	90965	1450462	2024527	17.70	22.17
61	80343	90610	1696	818	0.02112	0.00903	0.97888	0.99097	79497	90207	1369304	1933562	17.04	21.34
62	78647	89792	1673	839	0.02128	0.00935	0.97872	0.99065	77817	89377	1289807	1843355	16.40	20.53
63	76973	88953	1856	909	0.02411	0.01022	0.97589	0.98978	76058	88504	1211990	1753978	15.75	19.72
64	75117	88044	1982	975	0.02639	0.01107	0.97361	0.98893	74138	87561	1135932	1665474	15.12	18.92
65	73135	87069	2152	1015	0.02942	0.01166	0.97058	0.98834	72067	86568	1061794	1577914	14.52	18.12
66	70983	86054	2175	1123	0.03064	0.01305	0.96936	0.98695	69898	85499	989727	1491346	13.94	17.33
67	68808	84931	2207	1176	0.03208	0.01385	0.96792	0.98615	67711	84348	919829	1405847	13.37	16.55
68	66601	83755	2324	1238	0.03490	0.01478	0.96510	0.98522	65443	83146	852118	1321499	12.79	15.78
69	64276	82517	2323	1418	0.03615	0.01719	0.96385	0.98281	63115	81819	786674	1238354	12.24	15.01
70	61953	81098	2344	1516	0.03784	0.01869	0.96216	0.98131	60781	80345	723559	1156535	11.68	14.26
71	59609	79583	2335	1537	0.03917	0.01932	0.96083	0.98068	58449	78828	662778	1076189	11.12	13.52
72	57274	78046	2527	1856	0.04411	0.02378	0.95589	0.97622	56024	77133	604329	997361	10.55	12.78
73	54747	76189	2646	1916	0.04834	0.02514	0.95166	0.97486	53430	75237	548305	920228	10.02	12.08
74	52101	74274	2672	1995	0.05129	0.02686	0.94871	0.97314	50765	73291	494875	844991	9.50	11.38
75	49429	72279	2660	2263	0.05382	0.03130	0.94618	0.96870	48102	71170	444110	771700	8.98	10.68

9. Смъртност и средна продължителност на предстоящия живот на населението в градовете и селата по пол през периода 2015 - 2017 година

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(Продължение)
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x	lx		dx		qx		px		Lx		Tx		ex	
	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female	мъже Male	жени Female
76	46768	70016	2753	2528	0.05886	0.03611	0.94114	0.96389	45398	68775	396008	700530	8.47	10.01
77	44015	67488	2802	2801	0.06365	0.04151	0.93635	0.95849	42622	66108	350610	631755	7.97	9.36
78	41214	64687	2935	3009	0.07122	0.04652	0.92878	0.95348	39760	63205	307988	565647	7.47	8.74
79	38279	61678	3127	3326	0.08168	0.05393	0.91832	0.94607	36727	60037	268228	502442	7.01	8.15
80	35152	58352	3219	3524	0.09157	0.06039	0.90843	0.93961	33545	56613	231501	442406	6.59	7.58
81	31933	54828	3181	3884	0.09960	0.07084	0.90040	0.92916	30337	52908	197956	385792	6.20	7.04
82	28752	50944	3086	4053	0.10735	0.07955	0.89265	0.92045	27194	48933	167619	332884	5.83	6.53
83	25666	46892	2810	4241	0.10950	0.09044	0.89050	0.90956	24247	44781	140426	283951	5.47	6.06
84	22855	42651	2760	4284	0.12074	0.10046	0.87926	0.89954	21474	40510	116179	239170	5.08	5.61
85	20096	38366	2782	4291	0.13842	0.11185	0.86158	0.88815	18699	36222	94704	198660	4.71	5.18
86	17314	34075	2628	4322	0.15176	0.12684	0.84824	0.87316	15988	31913	76005	162438	4.39	4.77
87	14687	29753	2472	4271	0.16834	0.14356	0.83166	0.85644	13430	27611	60017	130525	4.09	4.39
88	12214	25481	2130	4183	0.17442	0.16414	0.82558	0.83586	11130	23371	46588	102914	3.81	4.04
89	10084	21299	2027	3816	0.20104	0.17917	0.79896	0.82083	9056	19363	35457	79543	3.52	3.73
90	8057	17483	1795	3518	0.22276	0.20121	0.77724	0.79879	7136	15693	26401	60180	3.28	3.44
91	6262	13965	1475	3088	0.23563	0.22113	0.76437	0.77887	5498	12379	19265	44486	3.08	3.19
92	4786	10877	1180	2510	0.24644	0.23080	0.75356	0.76920	4177	9583	13766	32107	2.88	2.95
93	3607	8367	1015	2151	0.28131	0.25707	0.71869	0.74293	3081	7259	9589	22525	2.66	2.69
94	2592	6216	734	1744	0.28307	0.28053	0.71693	0.71947	2206	5311	6508	15266	2.51	2.46
95	1858	4472	557	1361	0.30730	0.30008	0.70011	0.69566	1566	3762	4302	9955	2.31	2.23
96	1301	3111	415	1046	0.31791	0.33289	0.68107	0.66369	1083	2562	2735	6192	2.10	1.99
97	886	2065	294	739	0.29877	0.29264	0.66788	0.64191	730	1672	1653	3630	1.86	1.76
98	592	1325	203	496	0.33716	0.32937	0.65782	0.62551	484	1060	922	1958	1.56	1.48
99	389	829	136	321	0.22222	0.37993	0.64971	0.61242	318	658	438	898	1.13	1.08
100+	253	508	120	243	0.47557	0.47791	0.64294	0.60156	121	240	121	240	0.48	0.47
В селата														
Rural residence														
0	100000	100000	1161	651	0.01161	0.00651	0.98839	0.99349	99008	99311	6926385	7697210	69.26	76.97
1	98839	99349	36	76	0.00037	0.00076	0.99963	0.99924	98809	99285	6827377	7597899	69.08	76.48
2	98803	99273	24	25	0.00024	0.00026	0.99976	0.99974	98783	99251	6728569	7498615	68.10	75.54
3	98779	99247	37	13	0.00037	0.00013	0.99963	0.99987	98748	99237	6629786	7399364	67.12	74.55
4	98743	99235	24	63	0.00025	0.00064	0.99975	0.99936	98722	99181	6531038	7300127	66.14	73.56
5	98718	99171	35	12	0.00035	0.00012	0.99965	0.99988	98700	99163	6432316	7200945	65.16	72.61
6	98683	99159	11	6	0.00011	0.00006	0.99989	0.99994	98677	99156	6333616	7101783	64.18	71.62
7	98672	99153	16	17	0.00016	0.00017	0.99984	0.99983	98665	99145	6234939	7002626	63.19	70.62
8	98656	99136	27	11	0.00027	0.00012	0.99973	0.99988	98643	99131	6136274	6903482	62.20	69.64
9	98629	99125	33	29	0.00033	0.00030	0.99967	0.99970	98612	99111	6037631	6804351	61.22	68.64
10	98596	99095	16	30	0.00017	0.00030	0.99983	0.99970	98589	99080	5939019	6705240	60.24	67.66
11	98580	99066	60	6	0.00061	0.00006	0.99939	0.99994	98550	99062	5840430	6606160	59.25	66.68