

Central Statistical Office: Studies in mortality differentials 2. – Area life tables of the population of Hungary (complete life tables) 1970-1973, 1. Budapest, 1984, p. 36-39.

# STUDIES IN MORTALITY DIFFERENTIALS

2.

## AREA LIFE TABLES OF THE POPULATION OF HUNGARY

(complete life tables)

1970-1973

I.



CENTRAL STATISTICAL OFFICE, BUDAPEST, 1984

LIFE TABLE, BORSOD-ABAUJ-ZEMPLEN COUNTY, 1970

MALE

Age	Population as of Jan. 1. 1970	Number of deaths in 1970 between age x and x+1	Probability of dying between age of x and x+1	Survivors at exact age x	Deaths between age x and age x+1	Years lived between age x and age x+1	Expectation of life at age x
X	P <sub>x</sub>	D <sub>x</sub>	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	e <sub>x</sub>
LIVE BIRTHS	6721						
0	6430	271	0.04035	100000	4035	96973.7	67.23
1	6535	15	0.00232	95965	223	95853.5	69.01
2	6659	9	0.00136	95742	130	95677.0	68.17
3	6057	7	0.00111	95612	106	95559.0	67.26
4	5897	5	0.00076	95506	73	95469.5	66.33
5	5939	3	0.00068	95433	65	95400.5	65.38
6	5865	4	0.00059	95368	56	95340.0	64.43
7	5769	3	0.00050	95312	48	95288.0	63.47
8	6129	3	0.00044	95264	42	95243.0	62.50
9	6567	3	0.00042	95222	40	95202.0	61.52
10	6494	2	0.00042	95182	40	95162.0	60.55
11	6908	2	0.00045	95142	43	95120.5	59.57
12	6994	5	0.00047	95099	45	95076.5	58.60
13	7945	3	0.00046	95054	44	95032.0	57.63
14	8109	3	0.00038	95010	36	94992.0	56.65
15	8257	4	0.00049	94974	47	94950.5	55.68
16	7388	1	0.00057	94927	54	94900.0	54.70
17	6570	8	0.00066	94873	63	94841.5	53.73
18	6987	5	0.00078	94810	74	94773.0	52.77
19	7169	12	0.00090	94736	85	94693.5	51.81
20	6939	5	0.00103	94651	97	94602.5	50.85
21	6246	7	0.00117	94554	111	94498.5	49.91
22	5968	6	0.00132	94443	125	94380.5	48.96
23	5023	5	0.00147	94318	139	94248.5	48.03
24	4902	7	0.00162	94179	153	94102.5	47.10
25	5906	7	0.00175	94026	165	93943.5	46.17
26	5380	15	0.00186	93861	175	93773.5	45.25
27	5460	13	0.00196	93686	184	93594.0	44.33
28	5537	11	0.00204	93502	191	93406.5	43.42
29	5650	11	0.00211	93311	197	93212.5	42.51
30	5206	13	0.00214	93114	199	93014.5	41.59
31	5338	12	0.00212	92915	197	92816.5	40.68
32	5519	11	0.00203	92718	188	92624.0	39.76
33	5522	13	0.00193	92530	179	92440.5	38.84
34	5651	7	0.00189	92351	175	92263.5	37.92
35	5759	11	0.00194	92176	179	92086.5	36.99
36	5776	11	0.00213	91997	196	91899.0	36.06
37	5887	15	0.00242	91801	222	91690.0	35.13
38	5510	14	0.00275	91579	252	91453.0	34.21
39	5869	20	0.00309	91327	282	91186.0	33.31
40	5624	24	0.00339	91045	309	90890.5	32.41
41	5579	6	0.00360	90736	327	90572.5	31.51
42	5202	31	0.00375	90409	339	90239.5	30.62
43	5477	18	0.00392	90070	353	89893.5	29.73
44	5577	25	0.00417	89717	374	89530.0	28.85
45	5152	29	0.00457	89343	408	89139.0	27.96
46	5575	25	0.00518	88935	461	88704.5	27.09
47	5361	29	0.00597	88474	528	88210.0	26.22
48	5172	42	0.00683	87946	601	87645.5	25.38
49	4610	25	0.00765	87345	668	87011.0	24.54

## LIFE TABLE, BORSOD-ABAUJ-ZEMPLEN COUNTY, 1970 /continuation/

## MALE

Age	Population as of Jan.1.1970	Number of deaths in 1970 between age x and x+1	Probability of dying between age of x and x+1	Survivors at exact age x	Deaths between age x and age x+1	Years lived between age x and age x+1	Expectation of life at age x
X	P x	D x	q x	l x	d x	L x	e x
50	4426	33	0.00835	86677	724	86315.0	23.72
51	2405	40	0.00876	85953	753	85576.5	22.92
52	2459	22	0.00895	85200	763	84818.5	22.11
53	2428	20	0.00915	84437	773	84050.5	21.30
54	2913	25	0.00961	83664	804	83262.0	20.49
55	4257	46	0.01055	82860	874	82423.0	19.68
56	4096	47	0.01208	81986	990	81491.0	18.88
57	4148	52	0.01404	80996	1137	80427.5	18.09
58	4011	76	0.01628	79859	1300	79209.0	17.34
59	3887	74	0.01865	78559	1465	77826.5	16.61
60	3757	85	0.02102	77094	1621	76283.5	15.91
61	3632	86	0.02327	75473	1756	74595.0	15.23
62	3309	79	0.02550	73717	1880	72777.0	14.56
63	3085	85	0.02788	71837	2003	70835.5	13.92
64	3003	82	0.03056	69834	2134	68776.0	13.29
65	2953	107	0.03369	67700	2281	66559.5	12.68
66	2758	125	0.03739	65419	2446	64196.0	12.08
67	2730	102	0.04157	62973	2618	61664.0	11.51
68	2573	115	0.04603	60355	2778	58966.0	10.97
69	2580	111	0.05061	57577	2914	56120.0	10.45
70	2129	126	0.05512	54663	3013	53156.5	9.96
71	1977	126	0.05934	51650	3065	50117.5	9.48
72	1895	144	0.06337	48585	3079	47045.5	9.01
73	1662	136	0.06757	45506	3075	43968.5	8.56
74	1546	101	0.07230	42431	3068	40897.0	8.10
75	1283	92	0.07790	39363	3066	37830.0	7.66
76	1233	99	0.08719	36297	3165	34714.5	7.22
77	1024	123	0.09453	33132	3132	31566.0	6.81
78	898	81	0.10270	30000	3081	28459.5	6.42
79	782	117	0.11179	26919	3009	25414.5	6.04
80	719	83	0.12189	23910	2914	22453.0	5.67
81	653	82	0.13310	20996	2795	19598.5	5.32
82	564	83	0.14553	18201	2649	16876.5	4.99
83	423	81	0.15928	15552	2477	14313.5	4.67
84	336	73	0.17446	13075	2281	11934.5	4.36
85			0.19119	10794	2064	9762.0	4.07
86			0.20958	8730	1830	7815.0	3.80
87			0.22974	6900	1585	6107.5	3.54
88			0.25178	5315	1338	4646.0	3.30
89			0.27578	3977	1097	3428.5	3.07
90			0.30184	2880	869	2445.5	2.86
91			0.32999	2011	664	1679.0	2.66
92			0.36027	1347	485	1104.5	2.47
93			0.39266	862	338	693.0	2.30
94			0.42709	524	224	412.0	2.14
95	1049	298	0.46346	300	139	230.5	2.00
96			0.50156	161	81	120.5	1.86
97			0.54115	80	43	58.5	1.72
98			0.58190	37	22	26.0	1.57
99			0.62337	15	9	10.5	1.40
100			0.66507	6	4	4.0	1.00
TOTAL:	384628	4093					

LIFE TABLE, BORSOD-ABAUJ-ZEMPLEN COUNTY, 1970

FEMALE

Age	Population as of Jan.1.1970	Number of deaths in 1970 between age x and x+1	Probability of dying between age of x and x+1	Survivors at exact age x	Deaths between age x and age x+1	Years lived between age x and age x+1	Expectation of life at age x
x	P <sub>x</sub>	D <sub>x</sub>	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	e <sub>x</sub>
<b>LIVE BIRTHS</b>							
0	6151	221	0.03599	100000	3599	97300.7	72.42
1	6392	21	0.00336	96401	324	96239.0	74.09
2	6137	8	0.00126	96077	121	96016.5	73.34
3	5680	3	0.00050	95956	48	95932.0	72.43
4	5588	3	0.00058	95908	56	95880.0	71.46
5	5562	3	0.00038	95852	36	95834.0	70.50
6	5585	1	0.00033	95816	32	95800.0	69.53
7	5660	2	0.00033	95784	32	95768.0	68.55
8	5954	2	0.00033	95752	32	95736.0	67.58
9	6293	2	0.00028	95720	27	95706.5	66.60
10	6261	1	0.00021	95693	20	95683.0	65.62
11	6409		0.00013	95673	12	95667.0	64.63
12	6513	3	0.00012	95661	11	95655.5	63.64
13	7491		0.00027	95650	26	95637.0	62.65
14	7748	6	0.00071	95624	68	95590.0	61.66
15	7565	1	0.00029	95556	28	95542.0	60.71
16	7031	1	0.00034	95528	32	95512.0	59.72
17	6211	3	0.00042	95496	40	95476.0	58.74
18	6093	2	0.00050	95456	48	95432.0	57.77
19	6300	5	0.00058	95408	55	95380.5	56.80
20	5845	4	0.00064	95353	61	95322.5	55.83
21	5642	6	0.00069	95292	66	95259.0	54.86
22	5360	2	0.00072	95226	69	95191.5	53.90
23	4840	7	0.00074	95157	70	95122.0	52.94
24	5009	1	0.00076	95087	72	95051.0	51.98
25	5764	5	0.00077	95015	73	94978.5	51.02
26	5294	3	0.00076	94942	72	94906.0	50.05
27	5803	4	0.00074	94870	70	94835.0	49.09
28	5411	4	0.00071	94800	67	94766.5	48.13
29	5676	1	0.00069	94733	65	94700.5	47.16
30	5464	4	0.00070	94668	66	94635.0	46.19
31	5640	3	0.00073	94602	69	94567.5	45.22
32	5759	8	0.00077	94533	73	94496.5	44.26
33	5783	7	0.00083	94460	78	94421.0	43.29
34	5537	2	0.00091	94382	86	94339.0	42.32
35	5637	4	0.00100	94296	94	94249.0	41.36
36	5591	11	0.00112	94202	106	94149.0	40.40
37	5964	5	0.00125	94096	118	94037.0	39.45
38	5443	7	0.00140	93978	132	93912.0	38.49
39	5774	10	0.00158	93846	148	93772.0	37.55
40	5590	10	0.00177	93698	166	93615.0	36.61
41	5607	13	0.00198	93532	185	93439.5	35.67
42	5332	10	0.00222	93347	207	93243.5	34.74
43	5593	12	0.00247	93140	230	93025.0	33.81
44	5639	14	0.00274	92910	255	92782.5	32.89
45	5349	16	0.00302	92655	280	92515.0	31.98
46	5579	22	0.00332	92375	307	92221.5	31.07
47	5769	20	0.00365	92068	336	91900.0	30.18
48	5521	17	0.00398	91732	365	91549.5	29.28
49	5233	32	0.00431	91367	394	91170.0	28.40

FEMALE

Age	Population as of Jan.1.1970	Number of deaths in 1970 between age x and x+1	Probability of dying between age of x and x+1	Survivors at exact age x	Deaths between age x and age x+1	Years lived between age x and age x+1	Expectation of life at age x
x	P <sub>x</sub>	D <sub>x</sub>	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	e <sub>x</sub>
50	4799	18	0.00462	90973	420	90763.0	27.51
51	2766	20	0.00484	90553	438	90334.0	26.64
52	2660	15	0.00498	90115	449	89890.5	25.76
53	2791	20	0.00515	89666	462	89435.0	24.89
54	3392	13	0.00542	89204	483	88962.5	24.01
55	4823	18	0.00591	88721	524	88459.0	23.13
56	4771	31	0.00662	88197	584	87905.0	22.27
57	4737	37	0.00749	87613	656	87285.0	21.41
58	4279	37	0.00849	86957	738	86588.0	20.56
59	4602	47	0.00961	86219	829	85804.5	19.73
60	4481	48	0.01081	85390	923	84928.5	18.91
61	4243	62	0.01199	84467	1013	83960.5	18.11
62	3874	45	0.01318	83454	1100	82904.0	17.31
63	3612	64	0.01452	82354	1196	81756.0	16.53
64	3526	46	0.01616	81158	1312	80502.0	15.76
65	3422	67	0.01824	79846	1456	79118.0	15.00
66	3336	77	0.02075	78390	1627	77576.5	14.26
67	3337	70	0.02359	76763	1811	75857.5	13.54
68	2969	88	0.02678	74952	2007	73948.5	12.85
69	3316	94	0.03037	72945	2215	71837.5	12.17
70	2768	93	0.03437	70730	2431	69514.5	11.52
71	2664	114	0.03875	68299	2647	66975.5	10.90
72	2474	111	0.04347	65652	2854	64225.0	10.30
73	2424	122	0.04862	62798	3053	61271.5	9.72
74	2259	128	0.05427	59745	3242	58124.0	9.17
75	1934	124	0.06049	56503	3418	54794.0	8.63
76	1810	125	0.06163	53085	3272	51449.0	8.13
77	1583	127	0.07043	49813	3508	48059.0	7.59
78	1294	101	0.08000	46305	3704	44453.0	7.09
79	1201	117	0.09040	42601	3851	40675.5	6.62
80	1077	113	0.10168	38750	3940	36780.0	6.18
81	1029	120	0.11389	34810	3965	32827.5	5.77
82	832	117	0.12712	30845	3921	28884.5	5.38
83	740	110	0.14140	26924	3807	25020.5	5.02
84	547	106	0.15682	23117	3625	21304.5	4.68
85			0.17343	19492	3380	17802.0	4.37
86			0.19128	16112	3082	14571.0	4.07
87			0.21043	13030	2742	11659.0	3.80
88			0.23094	10288	2376	9100.0	3.54
89			0.25284	7912	2000	6912.0	3.31
90			0.27616	5912	1633	5095.5	3.09
91			0.30092	4279	1288	3635.0	2.88
92			0.32714	2991	978	2502.0	2.70
93			0.35478	2013	714	1656.0	2.52
94			0.38383	1299	499	1049.5	2.36
95	1846	455	0.41421	800	331	634.5	2.20
96			0.44583	469	209	364.5	2.05
97			0.47859	260	124	198.0	1.89
98			0.51233	136	70	101.0	1.71
99			0.54686	66	36	48.0	1.45
100			0.58195	30	17	21.5	1.00
TOTAL:	395290	3652					