

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. 44-47.

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, FEJ&R 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 x | D x | q x | l x | d x | L x | e x |
| LIVE BIRTHS | 3218 | | | | | | |
| 0 | 3348 | 132 | 0.04065 | 100000 | 4065 | 96951.2 | 67.06 |
| 1 | 3210 | 5 | 0.00151 | 95935 | 145 | 95862.5 | 68.86 |
| 2 | 3116 | 4 | 0.00127 | 95790 | 122 | 95729.0 | 67.96 |
| 3 | 2788 | | 0.00000 | 95668 | | 95668.0 | 67.05 |
| 4 | 2757 | 3 | 0.00092 | 95668 | 88 | 95624.0 | 66.05 |
| 5 | 2660 | | 0.00036 | 95580 | 34 | 95563.0 | 65.11 |
| 6 | 2791 | 1 | 0.00028 | 95546 | 27 | 95532.5 | 64.13 |
| 7 | 2765 | 1 | 0.00042 | 95519 | 40 | 95499.0 | 63.15 |
| 8 | 3039 | 3 | 0.00060 | 95479 | 57 | 95450.5 | 62.18 |
| 9 | 3176 | 2 | 0.00069 | 95422 | 66 | 95389.0 | 61.21 |
| 10 | 3137 | 1 | 0.00065 | 95356 | 62 | 95325.0 | 60.25 |
| 11 | 3218 | 1 | 0.00051 | 95294 | 49 | 95269.5 | 59.29 |
| 12 | 3639 | 2 | 0.00037 | 95245 | 35 | 95227.5 | 58.32 |
| 13 | 3931 | 2 | 0.00039 | 95210 | 37 | 95191.5 | 57.34 |
| 14 | 4463 | 3 | 0.00081 | 95173 | 77 | 95134.5 | 56.37 |
| 15 | 4798 | 5 | 0.00079 | 95096 | 75 | 95058.5 | 55.41 |
| 16 | 4271 | 1 | 0.00089 | 95021 | 85 | 94978.5 | 54.45 |
| 17 | 4007 | 6 | 0.00100 | 94936 | 95 | 94888.5 | 53.50 |
| 18 | 3821 | 6 | 0.00113 | 94841 | 107 | 94787.5 | 52.55 |
| 19 | 3651 | 3 | 0.00124 | 94734 | 117 | 94675.5 | 51.61 |
| 20 | 3506 | 7 | 0.00133 | 94617 | 126 | 94554.0 | 50.68 |
| 21 | 3498 | 6 | 0.00137 | 94491 | 129 | 94426.5 | 49.74 |
| 22 | 3298 | 2 | 0.00137 | 94362 | 129 | 94297.5 | 48.81 |
| 23 | 2725 | 5 | 0.00137 | 94233 | 129 | 94168.5 | 47.87 |
| 24 | 2719 | 2 | 0.00137 | 94104 | 129 | 94039.5 | 46.94 |
| 25 | 3123 | 4 | 0.00141 | 93975 | 133 | 93908.5 | 46.00 |
| 26 | 2938 | 6 | 0.00148 | 93842 | 139 | 93772.5 | 45.06 |
| 27 | 2975 | 4 | 0.00158 | 93703 | 148 | 93629.0 | 44.13 |
| 28 | 2927 | 3 | 0.00169 | 93555 | 158 | 93476.0 | 43.20 |
| 29 | 2907 | 6 | 0.00179 | 93397 | 167 | 93313.5 | 42.27 |
| 30 | 2702 | 5 | 0.00187 | 93230 | 174 | 93143.0 | 41.34 |
| 31 | 2648 | 8 | 0.00189 | 93056 | 176 | 92968.0 | 40.42 |
| 32 | 2716 | 4 | 0.00186 | 92880 | 173 | 92793.5 | 39.49 |
| 33 | 2636 | 4 | 0.00183 | 92707 | 170 | 92622.0 | 38.57 |
| 34 | 2867 | 5 | 0.00187 | 92537 | 173 | 92450.5 | 37.63 |
| 35 | 2914 | 6 | 0.00203 | 92364 | 187 | 92270.5 | 36.70 |
| 36 | 2924 | 9 | 0.00238 | 92177 | 219 | 92067.5 | 35.78 |
| 37 | 3021 | 6 | 0.00288 | 91958 | 265 | 91825.5 | 34.86 |
| 38 | 2923 | 13 | 0.00344 | 91693 | 315 | 91535.5 | 33.96 |
| 39 | 3083 | 8 | 0.00394 | 91378 | 360 | 91198.0 | 33.07 |
| 40 | 2974 | 13 | 0.00429 | 91018 | 390 | 90823.0 | 32.20 |
| 41 | 2849 | 11 | 0.00440 | 90628 | 399 | 90428.5 | 31.33 |
| 42 | 2783 | 17 | 0.00431 | 90229 | 389 | 90034.5 | 30.47 |
| 43 | 2823 | 12 | 0.00420 | 89840 | 377 | 89651.5 | 29.59 |
| 44 | 2757 | 9 | 0.00421 | 89463 | 377 | 89274.5 | 28.71 |
| 45 | 2485 | 11 | 0.00450 | 89086 | 401 | 88885.5 | 27.83 |
| 46 | 2653 | 15 | 0.00522 | 88685 | 463 | 88453.5 | 26.95 |
| 47 | 2511 | 15 | 0.00626 | 88222 | 552 | 87946.0 | 26.09 |
| 48 | 2558 | 20 | 0.00740 | 87670 | 649 | 87345.5 | 25.25 |
| 49 | 2480 | 16 | 0.00844 | 87021 | 734 | 86654.0 | 24.43 |

LIFE TABLE, PEJ&R 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 | 1979 | 14 | 0.00917 | 86287 | 791 | 85891.5 | 23.63 |
| 51 | 1021 | 16 | 0.00934 | 85496 | 799 | 85096.5 | 22.84 |
| 52 | 1054 | 15 | 0.00908 | 84697 | 769 | 84312.5 | 22.04 |
| 53 | 1098 | 8 | 0.00878 | 83928 | 737 | 83559.5 | 21.23 |
| 54 | 1392 | 8 | 0.00879 | 83191 | 731 | 82825.5 | 20.41 |
| 55 | 2175 | 29 | 0.00948 | 82460 | 782 | 82069.0 | 19.59 |
| 56 | 2034 | 21 | 0.01096 | 81678 | 895 | 81230.5 | 18.76 |
| 57 | 2148 | 21 | 0.01300 | 80783 | 1050 | 80258.0 | 17.96 |
| 58 | 1957 | 27 | 0.01542 | 79733 | 1229 | 79118.5 | 17.18 |
| 59 | 2102 | 34 | 0.01804 | 78504 | 1416 | 77796.0 | 16.44 |
| 60 | 1978 | 42 | 0.02071 | 77088 | 1596 | 76290.0 | 15.72 |
| 61 | 1870 | 45 | 0.02343 | 75492 | 1769 | 74607.5 | 15.03 |
| 62 | 1759 | 55 | 0.02633 | 73723 | 1941 | 72752.5 | 14.37 |
| 63 | 1727 | 55 | 0.02937 | 71782 | 2108 | 70728.0 | 13.73 |
| 64 | 1545 | 60 | 0.03252 | 69674 | 2266 | 68541.0 | 13.12 |
| 65 | 1459 | 48 | 0.03576 | 67408 | 2411 | 66202.5 | 12.52 |
| 66 | 1529 | 63 | 0.03887 | 64997 | 2526 | 63734.0 | 11.95 |
| 67 | 1506 | 56 | 0.04187 | 62471 | 2616 | 61163.0 | 11.39 |
| 68 | 1304 | 69 | 0.04509 | 59855 | 2699 | 58505.5 | 10.85 |
| 69 | 1269 | 64 | 0.04882 | 57156 | 2790 | 55761.0 | 10.31 |
| 70 | 1118 | 63 | 0.05338 | 54366 | 2902 | 52915.0 | 9.79 |
| 71 | 1040 | 59 | 0.05900 | 51464 | 3036 | 49946.0 | 9.29 |
| 72 | 995 | 64 | 0.06548 | 48428 | 3171 | 46842.5 | 8.80 |
| 73 | 800 | 57 | 0.07246 | 45257 | 3279 | 43617.5 | 8.35 |
| 74 | 712 | 62 | 0.07960 | 41978 | 3341 | 40307.5 | 7.93 |
| 75 | 578 | 51 | 0.08653 | 38637 | 3343 | 36965.5 | 7.52 |
| 76 | 593 | 66 | 0.09384 | 35294 | 3312 | 33638.0 | 7.14 |
| 77 | 500 | 51 | 0.10023 | 31982 | 3206 | 30379.0 | 6.78 |
| 78 | 436 | 48 | 0.10736 | 28776 | 3089 | 27231.5 | 6.42 |
| 79 | 328 | 42 | 0.11531 | 25687 | 2962 | 24206.0 | 6.07 |
| 80 | 350 | 40 | 0.12418 | 22725 | 2822 | 21314.0 | 5.74 |
| 81 | 250 | 45 | 0.13405 | 19903 | 2668 | 18569.0 | 5.41 |
| 82 | 226 | 28 | 0.14502 | 17235 | 2499 | 15985.5 | 5.09 |
| 83 | 202 | 33 | 0.15720 | 14736 | 2316 | 13578.0 | 4.78 |
| 84 | 187 | 38 | 0.17069 | 12420 | 2120 | 11360.0 | 4.49 |
| 85 | | | 0.18561 | 10300 | 1912 | 9344.0 | 4.21 |
| 86 | | | 0.20208 | 8388 | 1695 | 7540.5 | 3.94 |
| 87 | | | 0.22022 | 6693 | 1474 | 5956.0 | 3.68 |
| 88 | | | 0.24012 | 5219 | 1253 | 4592.5 | 3.44 |
| 89 | | | 0.26192 | 3966 | 1039 | 3446.5 | 3.21 |
| 90 | | | 0.28569 | 2927 | 836 | 2509.0 | 2.99 |
| 91 | | | 0.31152 | 2091 | 651 | 1765.5 | 2.79 |
| 92 | | | 0.33947 | 1440 | 489 | 1195.5 | 2.60 |
| 93 | | | 0.36955 | 951 | 351 | 775.5 | 2.42 |
| 94 | | | 0.40177 | 600 | 241 | 479.5 | 2.25 |
| 95 | 550 | 141 | 0.43606 | 359 | 157 | 280.5 | 2.09 |
| 96 | | | 0.47229 | 202 | 95 | 154.5 | 1.95 |
| 97 | | | 0.51027 | 107 | 55 | 79.5 | 1.79 |
| 98 | | | 0.54975 | 52 | 29 | 37.5 | 1.62 |
| 99 | | | 0.59038 | 23 | 14 | 16.0 | 1.39 |
| 100 | | | 0.63172 | 9 | 6 | 6.0 | 1.00 |
| TOTAL: | 196280 | 2071 | | | | | |

LIFE TABLE, PEJER 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 | Age |
|-------------|-------------------------------|--|---|--------------------------|----------------------------------|---------------------------------------|------------------------------|-------|
| X | P _x | D _x | q _x | l _x | d _x | L _x | e _x | X |
| LIVE BIRTHS | 3018 | | | | | | | 50 |
| 0 | 3110 | 105 | 0.03469 | 100000 | 3469 | 97398.2 | 72.16 | 51 |
| 1 | 3144 | 6 | 0.00192 | 96531 | 185 | 96438.5 | 73.71 | 52 |
| 2 | 2918 | 2 | 0.00069 | 96346 | 66 | 96313.0 | 72.85 | 53 |
| 3 | 2780 | | 0.00000 | 96280 | | 96280.0 | 71.90 | 54 |
| 4 | 2602 | 1 | 0.00031 | 96280 | 30 | 96265.0 | 70.90 | 55 |
| 5 | 2479 | | 0.00012 | 96250 | 12 | 96244.0 | 69.93 | 56 |
| 6 | 2629 | | 0.00011 | 96238 | 11 | 96232.5 | 68.93 | 57 |
| 7 | 2554 | 1 | 0.00019 | 96227 | 18 | 96218.0 | 67.94 | 58 |
| 8 | 2932 | 1 | 0.00026 | 96209 | 25 | 96196.5 | 66.95 | 59 |
| 9 | 3034 | 1 | 0.00028 | 96184 | 27 | 96170.5 | 65.97 | 60 |
| 10 | 3022 | | 0.00025 | 96157 | 24 | 96145.0 | 64.99 | 61 |
| 11 | 3121 | | 0.00018 | 96133 | 17 | 96124.5 | 64.01 | 62 |
| 12 | 3340 | 2 | 0.00014 | 96116 | 13 | 96109.5 | 63.02 | 63 |
| 13 | 3667 | | 0.00021 | 96103 | 20 | 96093.0 | 62.02 | 64 |
| 14 | 3919 | 2 | 0.00051 | 96083 | 49 | 96058.5 | 61.04 | 65 |
| 15 | 4055 | | 0.00019 | 96034 | 18 | 96025.0 | 60.07 | 66 |
| 16 | 3735 | 1 | 0.00025 | 96016 | 24 | 96004.0 | 59.08 | 67 |
| 17 | 3288 | 1 | 0.00034 | 95992 | 33 | 95975.5 | 58.09 | 68 |
| 18 | 3216 | 3 | 0.00044 | 95959 | 42 | 95938.0 | 57.11 | 69 |
| 19 | 3328 | | 0.00053 | 95917 | 51 | 95891.5 | 56.14 | 70 |
| 20 | 3132 | | 0.00059 | 95866 | 57 | 95837.5 | 55.17 | 71 |
| 21 | 3148 | | 0.00061 | 95809 | 58 | 95780.0 | 54.20 | 72 |
| 22 | 2993 | 6 | 0.00060 | 95751 | 57 | 95722.5 | 53.23 | 73 |
| 23 | 2381 | 1 | 0.00058 | 95694 | 56 | 95666.0 | 52.26 | 74 |
| 24 | 2472 | 1 | 0.00057 | 95638 | 55 | 95610.5 | 51.29 | 75 |
| 25 | 2863 | 1 | 0.00057 | 95583 | 54 | 95556.0 | 50.32 | 76 |
| 26 | 2756 | 1 | 0.00059 | 95529 | 56 | 95501.0 | 49.35 | 77 |
| 27 | 2962 | 4 | 0.00062 | 95473 | 59 | 95443.5 | 48.38 | 78 |
| 28 | 2796 | 1 | 0.00066 | 95414 | 63 | 95382.5 | 47.41 | 79 |
| 29 | 2971 | 3 | 0.00071 | 95351 | 68 | 95317.0 | 46.44 | 80 |
| 30 | 2712 | 2 | 0.00077 | 95283 | 73 | 95246.5 | 45.47 | 81 |
| 31 | 2796 | 3 | 0.00085 | 95210 | 81 | 95169.5 | 44.50 | 82 |
| 32 | 2773 | 2 | 0.00095 | 95129 | 90 | 95084.0 | 43.54 | 83 |
| 33 | 2797 | 3 | 0.00106 | 95039 | 101 | 94988.5 | 42.58 | 84 |
| 34 | 2963 | 1 | 0.00116 | 94938 | 110 | 94883.0 | 41.63 | 85 |
| 35 | 3001 | 7 | 0.00124 | 94828 | 118 | 94769.0 | 40.67 | 86 |
| 36 | 2968 | 2 | 0.00128 | 94710 | 121 | 94649.5 | 39.72 | 87 |
| 37 | 2866 | 5 | 0.00127 | 94589 | 120 | 94529.0 | 38.77 | 88 |
| 38 | 2824 | 4 | 0.00128 | 94469 | 121 | 94408.5 | 37.82 | 89 |
| 39 | 2957 | 6 | 0.00133 | 94348 | 125 | 94285.5 | 36.87 | 90 |
| 40 | 2814 | 6 | 0.00148 | 94223 | 139 | 94153.5 | 35.91 | 91 |
| 41 | 2774 | 3 | 0.00176 | 94084 | 166 | 94001.0 | 34.97 | 92 |
| 42 | 2630 | 3 | 0.00214 | 93918 | 201 | 93817.5 | 34.03 | 93 |
| 43 | 2743 | 8 | 0.00257 | 93717 | 241 | 93596.5 | 33.10 | 94 |
| 44 | 2742 | 8 | 0.00302 | 93476 | 282 | 93335.0 | 32.18 | 95 |
| 45 | 2391 | 11 | 0.00344 | 93194 | 321 | 93033.5 | 31.27 | 96 |
| 46 | 2626 | 8 | 0.00384 | 92873 | 357 | 92694.5 | 30.38 | 97 |
| 47 | 2705 | 10 | 0.00427 | 92516 | 395 | 92318.5 | 29.49 | 98 |
| 48 | 2555 | 15 | 0.00469 | 92121 | 432 | 91905.0 | 28.61 | 99 |
| 49 | 2546 | 12 | 0.00508 | 91689 | 466 | 91456.0 | 27.74 | 100 |
| | | | | | | | | TOTAL |

LIFE TABLE, PEJÉR COUNTY, 1970 /continuation/

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 x | D x | q x | l x | d x | L x | ^o e x |
| 50 | 2035 | 13 | 0.00542 | 91223 | 494 | 90976.0 | 26.88 |
| 51 | 1073 | 5 | 0.00565 | 90729 | 513 | 90472.5 | 26.02 |
| 52 | 1074 | 8 | 0.00579 | 90216 | 522 | 89955.0 | 25.16 |
| 53 | 1184 | 9 | 0.00592 | 89694 | 531 | 89428.5 | 24.31 |
| 54 | 1598 | 10 | 0.00614 | 89163 | 547 | 88889.5 | 23.44 |
| 55 | 2350 | 13 | 0.00655 | 88616 | 580 | 88326.0 | 22.58 |
| 56 | 2176 | 11 | 0.00711 | 88036 | 626 | 87723.0 | 21.72 |
| 57 | 2316 | 14 | 0.00777 | 87410 | 679 | 87070.5 | 20.87 |
| 58 | 2167 | 16 | 0.00856 | 86731 | 742 | 86360.0 | 20.03 |
| 59 | 2203 | 25 | 0.00953 | 85989 | 819 | 85579.5 | 19.19 |
| 60 | 2211 | 29 | 0.01073 | 85170 | 914 | 84713.0 | 18.37 |
| 61 | 2112 | 22 | 0.01217 | 84256 | 1025 | 83743.5 | 17.56 |
| 62 | 1961 | 26 | 0.01382 | 83231 | 1150 | 82656.0 | 16.76 |
| 63 | 1838 | 26 | 0.01566 | 82081 | 1285 | 81438.5 | 15.98 |
| 64 | 1769 | 33 | 0.01768 | 80796 | 1428 | 80082.0 | 15.22 |
| 65 | 1795 | 39 | 0.01985 | 79368 | 1575 | 78580.5 | 14.48 |
| 66 | 1806 | 33 | 0.02186 | 77793 | 1701 | 76942.5 | 13.75 |
| 67 | 1681 | 49 | 0.02371 | 76092 | 1804 | 75190.0 | 13.03 |
| 68 | 1618 | 46 | 0.02589 | 74288 | 1923 | 73326.5 | 12.33 |
| 69 | 1598 | 36 | 0.02890 | 72365 | 2091 | 71319.5 | 11.63 |
| 70 | 1407 | 53 | 0.03323 | 70274 | 2335 | 69106.5 | 10.94 |
| 71 | 1457 | 61 | 0.03922 | 67939 | 2665 | 66606.5 | 10.28 |
| 72 | 1278 | 57 | 0.04655 | 65274 | 3039 | 63754.5 | 9.66 |
| 73 | 1131 | 67 | 0.05470 | 62235 | 3404 | 60533.0 | 9.09 |
| 74 | 1060 | 63 | 0.06312 | 58831 | 3713 | 56974.5 | 8.55 |
| 75 | 938 | 67 | 0.07129 | 55118 | 3929 | 53153.5 | 8.06 |
| 76 | 856 | 74 | 0.08541 | 51189 | 4372 | 49003.0 | 7.60 |
| 77 | 794 | 78 | 0.09054 | 46817 | 4239 | 44697.5 | 7.22 |
| 78 | 672 | 73 | 0.09644 | 42578 | 4106 | 40525.0 | 6.84 |
| 79 | 505 | 45 | 0.10321 | 38472 | 3971 | 36486.5 | 6.46 |
| 80 | 517 | 65 | 0.11098 | 34501 | 3829 | 32586.5 | 6.09 |
| 81 | 521 | 62 | 0.11989 | 30672 | 3677 | 28833.5 | 5.73 |
| 82 | 372 | 58 | 0.13008 | 26995 | 3512 | 25239.0 | 5.37 |
| 83 | 364 | 52 | 0.14172 | 23483 | 3328 | 21819.0 | 5.03 |
| 84 | 288 | 51 | 0.15499 | 20155 | 3124 | 18593.0 | 4.69 |
| 85 | | | 0.17008 | 17031 | 2897 | 15582.5 | 4.37 |
| 86 | | | 0.18721 | 14134 | 2646 | 12811.0 | 4.06 |
| 87 | | | 0.20657 | 11488 | 2373 | 10301.5 | 3.77 |
| 88 | | | 0.22840 | 9115 | 2082 | 8074.0 | 3.49 |
| 89 | | | 0.25289 | 7033 | 1779 | 6143.5 | 3.22 |
| 90 | | | 0.28026 | 5254 | 1472 | 4518.0 | 2.97 |
| 91 | | | 0.31067 | 3782 | 1175 | 3194.5 | 2.74 |
| 92 | | | 0.34424 | 2607 | 897 | 2158.5 | 2.53 |
| 93 | | | 0.38104 | 1710 | 652 | 1384.0 | 2.33 |
| 94 | | | 0.42104 | 1058 | 445 | 835.5 | 2.15 |
| 95 | 976 | 260 | 0.46409 | 613 | 284 | 471.0 | 1.98 |
| 96 | | | 0.50991 | 329 | 168 | 245.0 | 1.82 |
| 97 | | | 0.55804 | 161 | 90 | 116.0 | 1.68 |
| 98 | | | 0.60786 | 71 | 43 | 49.5 | 1.54 |
| 99 | | | 0.65851 | 28 | 18 | 19.0 | 1.36 |
| 100 | | | 0.70900 | 10 | 7 | 6.5 | 1.00 |
| TOTAL: | 196231 | 1912 | | | | | |