

## **Zadání cvičení 2**

**Na základě části úmrtnostních tabulek pro dva kraje ČR (Ústecký a Vys**

**Výsledky zobrazte v jednom grafu a komentujte.**

sočinu) z roku 2006 vypočítejte střední délku života pro jednotlivé věkové skupiny

1.

2005-2006

## Ústecký kraj

Muži <i>Males</i>					
věk <i>age</i>	qx	px	lx	dx	Lx
0	0.007361	0.992639	100000	736	99323
1	0.000577	0.999423	99264	57	99235
2	0.000117	0.999883	99207	12	99201
3	0.000000	1.000000	99195	0	99195
4	0.000020	0.999980	99195	2	99194
5	0.000048	0.999952	99193	5	99191
6	0.000078	0.999922	99188	8	99184
7	0.000028	0.999972	99180	3	99179
8	0.000102	0.999898	99178	10	99173
9	0.000116	0.999884	99168	12	99162
10	0.000199	0.999801	99156	20	99146
11	0.000219	0.999781	99136	22	99125
12	0.000183	0.999817	99115	18	99105
13	0.000073	0.999927	99096	7	99093
14	0.000134	0.999866	99089	13	99083
15	0.000189	0.999811	99076	19	99067
16	0.000335	0.999665	99057	33	99041
17	0.000536	0.999464	99024	53	98997
18	0.000678	0.999322	98971	67	98937
19	0.000696	0.999304	98904	69	98869
20	0.000827	0.999173	98835	82	98794
21	0.000919	0.999081	98753	91	98708
22	0.000983	0.999017	98662	97	98614
23	0.001185	0.998815	98565	117	98507
24	0.001209	0.998791	98449	119	98389
25	0.001068	0.998932	98330	105	98277
26	0.001015	0.998985	98225	100	98175
27	0.001135	0.998865	98125	111	98069
28	0.000984	0.999016	98014	96	97965
29	0.001370	0.998630	97917	134	97850
30	0.001452	0.998548	97783	142	97712
31	0.001473	0.998527	97641	144	97569
32	0.001405	0.998595	97497	137	97429
33	0.001514	0.998486	97360	147	97287
34	0.001172	0.998828	97213	114	97156
35	0.001531	0.998469	97099	149	97025
36	0.001615	0.998385	96950	157	96872
37	0.002017	0.997983	96794	195	96696
38	0.002078	0.997922	96598	201	96498
39	0.002172	0.997828	96398	209	96293
40	0.002426	0.997574	96188	233	96072
41	0.002672	0.997328	95955	256	95827
42	0.002639	0.997361	95699	253	95572
43	0.002921	0.997079	95446	279	95307
44	0.003102	0.996898	95167	295	95020
45	0.003685	0.996315	94872	350	94697
46	0.004596	0.995404	94522	434	94305
47	0.005493	0.994507	94088	517	93830
48	0.006057	0.993943	93571	567	93288
49	0.006809	0.993191	93004	633	92688
50	0.007721	0.992279	92371	713	92015

2005-2006

## Vysočina

Muži <i>Males</i>					
věk <i>age</i>	qx	px	lx	dx	Lx
0	0.003944	0.996056	100000	394	99637
1	0.000202	0.999798	99606	20	99596
2	0.000211	0.999789	99585	21	99575
3	0.000212	0.999788	99564	21	99554
4	0.000183	0.999817	99543	18	99534
5	0.000182	0.999818	99525	18	99516
6	0.000264	0.999736	99507	26	99494
7	0.000279	0.999721	99481	28	99467
8	0.000232	0.999768	99453	23	99442
9	0.000069	0.999931	99430	7	99427
10	0.000168	0.999832	99423	17	99415
11	0.000129	0.999871	99406	13	99400
12	0.000313	0.999687	99394	31	99378
13	0.000351	0.999649	99362	35	99345
14	0.000276	0.999724	99328	27	99314
15	0.000214	0.999786	99300	21	99289
16	0.000565	0.999435	99279	56	99251
17	0.000569	0.999431	99223	56	99194
18	0.000874	0.999126	99166	87	99123
19	0.001020	0.998980	99080	101	99029
20	0.001244	0.998756	98979	123	98917
21	0.001313	0.998687	98855	130	98790
22	0.001420	0.998580	98726	140	98655
23	0.001075	0.998925	98585	106	98532
24	0.000788	0.999212	98479	78	98441
25	0.000486	0.999514	98402	48	98378
26	0.000526	0.999474	98354	52	98328
27	0.000728	0.999272	98302	72	98267
28	0.001011	0.998989	98231	99	98181
29	0.001214	0.998786	98131	119	98072
30	0.001254	0.998746	98012	123	97951
31	0.001038	0.998962	97889	102	97839
32	0.000902	0.999098	97788	88	97744
33	0.000819	0.999181	97700	80	97660
34	0.000996	0.999004	97620	97	97571
35	0.001230	0.998770	97522	120	97462
36	0.001297	0.998703	97403	126	97339
37	0.001251	0.998749	97276	122	97215
38	0.001069	0.998931	97155	104	97103
39	0.000809	0.999191	97051	79	97011
40	0.001163	0.998837	96972	113	96916
41	0.001528	0.998472	96859	148	96785
42	0.002040	0.997960	96711	197	96613
43	0.002269	0.997731	96514	219	96405
44	0.002542	0.997458	96295	245	96173
45	0.002750	0.997250	96050	264	95918
46	0.003096	0.996904	95786	297	95638
47	0.003954	0.996046	95489	378	95301
48	0.004931	0.995069	95112	469	94877
49	0.004939	0.995061	94643	467	94409
50	0.005609	0.994391	94176	528	93911