

věk (kg)	Pohlaví (1=	Kouření (1=	BMI	užívání	vita	počet	kalor	konzumace	konzumace	konzumace
64	2	2	21.4838	1	1298.8	170.3	1945	890		
76	2	1	23.87631	1	1032.5	75.8	2653	451		
38	2	2	20.0108	2	2372.3	257.9	6321	660		
40	2	2	25.14062	3	2449.5	332.6	1061	864		
72	2	1	20.98504	1	1952.1	170.8	2863	1209		
40	2	2	27.52136	3	1366.9	154.6	1729	1439		
65	2	1	22.01154	2	2213.9	255.1	5371	802		
58	2	1	28.75702	1	1595.6	214.1	823	2571		
35	2	1	23.07662	3	1800.5	233.6	2895	944		
55	2	2	34.96995	3	1263.6	171.9	3307	493		
66	2	2	20.94647	1	1460.8	137.4	1714	535		
40	2	1	36.43161	2	1638.2	130.7	2031	492		
57	1	1	31.73039	3	2072.9	420	1982	1105		
66	2	1	21.78854	1	987.5	254.9	2120	1047		
66	1	1	27.31916	3	1574.3	361.5	1388	980		
64	1	2	31.44674	3	2868.5	379.5	3888	1545		
62	1	2	25.90246	1	1751.1	160.3	2194	242		
75	1	2	29.15264	1	1407.6	144.1	3470	479		
68	2	1	38.18727	3	1628.5	512.3	2108	921		
57	1	2	25.89669	3	1101.4	197.2	1157	445		
56	1	2	24.45884	3	2433.6	271.2	1739	926		
30	2	2	22.72121	3	1437.3	160.9	1008	695		
34	2	1	24.08119	3	2062.7	190.5	606	944		
53	2	2	23.15985	2	1276.5	143.5	1380	708		
60	2	1	49.12033	1	2114.8	239.9	4916	1150		
50	2	1	23.07662	1	1113	104.8	4451	554		
62	2	2	33.72441	2	1323	155.8	5983	320		
61	2	1	25.18267	1	2837.3	192.1	2413	656		
65	1	1	28.94981	3	2055.9	226.5	3087	1199		
71	1	2	24.67999	3	1285.8	353.4	521	975		
43	2	2	28.40151	3	1786.9	247	2431	914		
33	2	2	20.5696	2	3144.8	308.8	3141	1579		
74	2	3	16.33114	3	1241	206.1	1668	1618		
41	2	1	21.03125	3	2419.3	325.2	4366	1759		
56	1	2	22.64384	2	2712.7	242.6	494	608		
44	2	3	25.87867	1	1810	253.1	7026	508		
37	2	2	35.36012	2	1778.1	332.6	1529	517		
37	2	2	25.94005	3	1147.9	117	241	314		
39	1	3	21.99912	1	1951.4	461.1	998	588		
37	2	1	22.51215	1	2035.5	205.3	6082	674		
53	2	1	27.49272	3	1248.6	223.2	2741	419		
66	2	2	27.49609	3	3184.8	362.6	2100	1083		
58	2	2	24.17971	2	1538.1	231.2	2359	834		
31	2	3	23.34593	2	1456.5	182.7	603	473		
49	2	1	21.67837	2	1656.3	180.3	1625	707		
75	2	1	21.32906	1	1396.8	99.3	2888	323		

62	2	1	33.74417	1	1588.1	362.6	1099	651
56	2	1	32.07484	3	1566.5	408	2103	855
69	1	2	31.66835	1	827.9	79.8	2260	264
50	2	3	25.11194	3	2340.4	260.7	452	550
50	2	1	20.40345	3	1902.9	175.6	3549	969
72	2	1	39.22295	1	1111.9	69.4	2204	239
60	2	1	19.9326	2	1333.8	84	4964	374
55	1	2	21.63617	3	1896.1	296.8	1052	605
43	2	1	29.00466	1	1472.7	216.3	3572	809
29	2	1	18.83396	1	2237.4	180.6	2902	1065
44	2	3	29.11351	2	1446.2	208.8	1788	677
48	2	2	32.34834	1	2908.5	511.6	5111	1359
38	2	1	23.85727	2	2190.7	192.1	1378	685
33	2	1	19.409	2	1878.2	265.8	1431	724
56	2	1	16.63666	1	1436.8	183.3	1727	898
65	1	3	23.37617	3	6662.2	603	2893	1364
48	2	1	30.29495	1	2893.3	256.7	2524	1250
66	1	2	22.57426	1	1902.4	216.7	2533	592
78	2	2	26.36754	1	1531.6	168	982	854
65	1	1	23.54244	3	1220.7	152.8	1535	493
72	2	2	22.01188	3	1247.7	347.9	326	407
31	2	3	21.07775	2	1631.5	277.1	1487	1120
74	2	2	25.7393	3	818.1	55.4	1114	453
61	2	1	25.18267	3	1570.1	158.3	1080	724
83	2	1	25.20677	2	1331.2	380.7	2492	1310
46	2	2	30.70965	2	2052.4	195.2	1349	860
62	2	2	23.92168	1	1823	256.8	6948	417
56	2	3	20.64102	3	1743.8	349.6	1086	464
33	1	1	26.63693	1	3457.2	452.8	2629	1470
45	2	2	22.36111	3	1126.7	71.8	1307	178
41	2	2	23.09389	1	3258.3	341.7	1306	1163
73	1	2	24.67999	3	2833.7	365	3465	743
31	2	2	21.33144	2	2264.3	396.5	1846	760
50	1	1	25.11989	1	2026	268.2	1334	486
65	2	1	28.40199	3	1747.6	244.8	4848	1005
35	2	3	21.83403	1	1575.5	216.2	1734	1215
42	1	2	29.03568	1	1785.4	288	1120	619
19	2	1	29.24145	1	2558.9	324.5	1498	1066
37	2	1	19.98613	1	839	66.5	330	394
44	2	2	24.08119	1	2391.3	283.3	5909	1702
36	2	2	23.34593	3	1887.4	211.7	3326	928
53	1	3	25.14062	3	2798.2	239	2110	1458
69	1	3	27.22886	3	2654.9	248	2719	1323
74	2	1	27.98617	1	1202	59.2	2309	578
70	2	1	22.53312	1	1235.9	142	1153	1048
56	2	2	26.3173	3	2225.1	283.7	1432	1006
77	2	1	27.79046	1	866.9	59.7	2493	640

73	1	2	24.41719	1	1666.8	747.5	3054	4041
43	2	2	23.0381	1	3711	469.2	1861	783
41	1	1	23.61695	2	1055	220	4268	341
22	2	2	27.00534	1	2733	440.3	1652	1525
44	2	2	23.46046	1	1660.1	89	1802	233
51	2	2	25.1571	3	1952.7	201.3	2308	1838
46	1	3	35.25969	3	2667.5	550.5	1210	1291
25	2	3	20.64102	1	1517.4	127.6	214	914
69	1	2	23.00561	2	1711.4	332.4	1370	695
69	1	2	25.23171	3	1756.4	500.3	2354	842
58	2	1	27.33692	2	2186.2	263.8	2446	881
77	1	1	25.88131	2	2075.2	228.8	3473	1326
67	1	2	24.73525	3	2021.2	417.6	3359	1060
37	2	2	29.32557	2	1653.2	162.6	1062	1070
47	2	2	21.1882	2	1076.6	138.8	1489	490
60	2	3	19.67728	3	1506.7	239.2	3982	350
49	2	2	25.06996	2	1511.7	200.5	1656	652
83	1	2	25.59772	1	1933.6	224.7	768	719
56	2	1	22.01188	1	1830	689.4	1496	546
39	2	1	30.29128	3	1256.7	133.6	683	627
41	2	1	41.85592	2	1823.7	188	885	687
37	2	3	28.3357	3	1902.8	178.6	1662	779
66	2	1	26.50808	3	958.5	108.6	1552	326
55	2	1	21.07775	2	2328.3	281.9	2144	815
49	2	2	39.46498	1	1574	440.6	3567	963
31	2	2	18.98362	1	1646.2	174.9	1423	1845
64	2	1	18.87834	1	1828	87.9	1293	1101
57	2	1	23.22115	1	1288.7	200.2	2111	950
42	2	3	26.84912	1	1084.3	105.7	2874	159
40	1	2	25.88131	1	2431.9	364.6	1699	2263
73	1	3	19.409	3	2453.5	516.5	954	1328
37	2	1	19.57075	2	1645.7	225.9	1368	427
43	2	1	20.297	3	2075.9	271.8	3318	651
66	2	1	26.42051	2	1563.7	300.9	2247	728
26	2	1	20.37946	3	1663.3	124.7	910	605
45	2	2	29.24145	1	1601.4	255.8	1171	453
74	2	1	30.29495	2	1718.9	272.7	2077	1374
49	2	1	21.47901	3	1010.6	98.8	1210	555
41	2	2	19.409	1	1372.7	182.5	1826	386
74	1	1	27.31916	3	1837	383.6	2628	966
38	2	3	21.84508	3	1662.7	163.7	561	947
83	1	1	22.22237	1	1534.7	77.5	1893	426
70	2	1	28.04696	1	2005.8	121.2	1312	688
39	2	2	26.09433	2	1187.8	154.9	1913	1048
65	2	1	21.58515	1	1446.2	127.9	924	684
72	2	2	21.03125	1	976.7	99.6	728	797
46	1	2	23.67727	3	2706.7	416	4387	926

46	2	1	30.05871	3	1546	284.8	1976	417
51	2	1	34.18512	3	1324	151	2422	208
39	2	1	24.08119	1	1368.9	314.9	1407	1335
33	2	3	20.16133	3	3228	718.8	1301	307
49	1	2	31.72627	3	2825.8	374.3	1112	735
44	2	1	23.39316	3	1220.9	99.2	1052	441
69	2	1	24.26126	3	1174.7	89.9	1008	783
52	2	2	27.83348	3	828.2	141.1	1054	366
82	2	1	20.21771	1	1708.1	224.7	1484	790
46	2	1	23.47858	3	1182.9	164.5	657	441
25	2	1	22.70512	2	928.4	120.7	604	432
54	2	1	37.86868	1	4373.6	814.7	2912	2104
70	2	1	25.7393	2	1387.7	114	869	1595
35	2	1	18.43855	2	1555.6	174.1	1578	689
46	2	1	33.19482	2	1581.7	170.1	1210	795
70	1	1	29.59659	3	1397.4	228.5	1554	675
71	2	2	22.15318	1	1305.4	72.7	3445	1015
59	2	1	26.88677	1	1249.6	97.2	3014	1340
42	2	1	20.5412	1	2347.3	249.3	1666	859
46	2	1	39.40624	3	1207.1	155.1	1462	868
37	2	2	33.37234	1	1688.1	141.1	1272	145
39	2	2	21.94091	2	1719.3	164.6	5296	554
43	2	2	25.58279	1	2501.6	343	5605	858
23	2	1	20.12592	1	2219.1	415.8	2430	746
45	2	2	20.23978	1	1827.7	267.5	2375	1284
63	2	1	23.92168	1	1282.3	100.6	3753	649
44	2	3	28.34863	2	1427.2	195	695	270
43	2	1	20.40345	1	2000.8	200.9	1649	751
33	2	2	27.86945	3	1622.4	214.8	2317	437
35	2	2	34.08181	3	3114	432.3	1702	1224
50	2	1	23.07159	3	2012	456.9	1007	6901
50	2	2	29.01566	2	2106.4	344.3	2308	982
59	2	2	25.59772	1	1546.6	192.8	4694	864
38	2	2	23.07662	3	1149	122.5	2749	329
60	2	2	29.74753	3	659.3	102	1497	244
54	2	2	19.17702	1	1580.6	98.3	1171	465
71	1	2	24.46343	3	1850.5	247.9	3054	629
48	2	2	22.53187	1	1242.1	148.4	1488	706
49	2	1	32.01772	1	1099.4	169.9	829	887
27	2	3	29.24145	3	1127.6	183.4	1037	239
27	2	3	25.44536	2	2919.5	370	846	2118
75	2	1	21.52782	1	1049.1	188.9	1382	222
45	2	1	26.42051	2	1366.6	141.2	3407	532
35	2	1	30.44551	3	1884.8	518	758	454
56	2	2	33.59213	1	1494.5	111.5	599	845
41	2	3	27.52136	2	1444.6	280.1	1073	486
48	2	1	32.99127	1	445.2	102.8	862	160

48	2	1	21.83513	1	1849.8	549.1	4291	661
32	2	2	20.15787	2	1678.2	147.3	1668	666
38	2	1	46.73763	2	1390.4	195.1	2809	482
52	2	1	33.29617	2	1749.9	226.5	2373	1816
40	2	1	24.01031	3	742.3	133.9	1850	309
44	2	1	23.07159	3	1148.5	139.2	1352	455
70	2	1	22.4821	1	1730.6	363.1	2315	1196
55	2	3	29.03568	3	1162.5	175.2	1417	451
48	2	1	20.21771	1	1738.9	205.9	4504	294
38	2	2	20.71761	3	1432.1	131.9	998	699
49	2	1	20.40345	1	3098.9	447.6	4430	632
36	2	2	32.95942	2	2342.3	389.4	3201	1574
64	2	1	21.50106	1	2319.9	155.3	3686	523
49	2	2	23.67945	2	1292.8	180.7	2131	227
49	2	3	22.72159	1	784.4	97.4	852	311
43	2	1	22.91464	2	2038.5	232.3	2781	757
33	2	1	23.93777	2	1366.8	196	1151	498
38	2	1	26.09433	1	1550	253.2	3970	390
36	2	1	19.76645	2	1240.7	116	808	349
33	2	2	21.67339	2	2814.6	399.3	843	1616
47	2	2	20.81303	1	1612.5	149.9	2537	295
53	2	1	40.68923	1	1576.3	308.9	2205	824
41	2	1	29.14229	1	1197.7	135.6	587	215
36	2	1	21.07775	1	2045.3	271.9	3591	1178
32	2	2	35.97525	2	3328.4	425.5	3434	2167
57	2	2	26.94287	1	2513.3	428.1	2869	741
42	2	1	21.67837	1	1737.4	211.7	2515	1340
37	2	3	27.26545	1	1034.4	118.5	807	141
52	2	1	32.67183	1	2083.9	328.1	766	604
45	2	3	28.72542	2	1481.8	336.9	720	701
42	2	1	20.76896	3	1051.2	165.5	516	730
42	2	1	21.20646	1	1730.1	196.1	3785	642
41	2	3	20.71761	3	1102.8	329.8	1436	522
41	2	1	26.31172	1	1496.7	239.8	613	509
26	2	3	20.5412	1	1987.2	156.1	1460	322
70	2	1	20.16133	3	2017.2	195.8	2251	1404
44	2	1	26.36754	1	1525.6	179.4	2029	898
46	2	1	28.40199	3	1342.2	215.4	8046	453
22	2	1	50.40333	3	1511.7	190.3	1074	399
46	2	3	21.67837	3	1570.1	145.7	3556	577
32	2	1	20.05597	1	2703.4	284.3	1218	978
27	2	2	23.87631	3	1200.6	208.7	2199	481
52	2	1	37.11131	3	1891.6	226	5810	840
42	2	1	36.59729	1	1434.9	281.1	1214	1119
34	2	1	28.5795	3	2118.1	170	2215	1450
36	2	1	40.29532	2	1414.6	135.8	1678	1307
59	2	2	24.80399	1	2192.3	173.5	2579	1026

75	2	1	36.47368	2	1380.6	201.6	925	707
43	2	1	45.85808	1	1626.3	157.5	404	1050
56	1	2	30.48244	3	2210.7	340.1	2008	638
48	2	2	19.70388	3	1600.7	180.1	2469	538
34	2	3	21.96384	3	1076.2	78.3	755	417
37	2	1	23.34593	2	2094.5	193.4	1718	1052
41	2	2	31.82158	2	1823	196.9	2133	728
74	2	1	23.34593	1	1512.1	182.8	1167	1169
73	2	1	21.01134	3	840.6	81.1	619	79
53	2	3	19.78098	2	1996.1	436.8	908	1478
74	1	1	21.13641	3	2171.6	176.3	3690	1113
77	2	2	24.32719	1	1481.4	191.7	3425	859
39	2	1	21.17809	1	1829.2	178.4	2787	1210
29	2	1	18.6003	2	1041.6	139.5	675	403
37	2	1	44.91065	2	2010.4	362.4	2142	601
47	2	1	23.96418	3	2120.8	185.9	2299	1529
64	2	1	21.20646	3	1008.4	37.7	544	30
36	2	2	42.88865	3	798.2	46.3	604	378
42	2	2	20.41723	3	3099.2	469.3	6558	816
64	2	2	25.65988	2	2055.7	248.4	2661	854
38	2	2	20.70294	1	2585.3	429.5	7362	964
39	2	1	28.40151	2	1906.5	265.9	2583	632
40	2	1	31.24219	1	3014.9	900.7	1028	3061
29	2	1	37.93996	1	1631	189.5	3435	1104
71	2	2	24.98825	3	1399.5	260	1527	822
45	2	1	23.43164	1	2319	305.7	2047	1125
63	2	1	18.92094	3	1655.9	177.3	2897	505
46	2	2	24.26126	2	1422.8	206.3	1987	608
75	2	1	21.67837	1	2511.5	228.3	4271	916
46	2	1	35.19069	2	740.6	113.9	868	106
44	2	2	22.54403	2	1292.6	186.5	578	319
24	2	1	31.99715	3	3021.9	466.3	953	1176
32	2	1	22.51215	1	1918.4	202.2	1048	991
66	2	1	22.64384	3	2086.6	112.8	1439	476
43	2	1	26.34755	2	3449.7	381.3	3324	1558
73	2	2	24.94123	1	1186.4	119.7	921	668
54	2	1	25.75009	1	1724.7	173.3	1192	657
44	2	3	29.97738	3	1877.4	211.6	1665	937
55	2	2	22.87713	3	2272.6	269.2	3610	1825
70	2	3	23.82703	3	1514.4	97.5	3317	766
32	2	2	25.45726	1	2170.3	175.2	3313	1250
33	1	1	23.26895	2	2271.1	574.2	1270	544
49	2	2	22.50636	3	1469.9	118.8	1915	594
69	2	2	44.20619	3	2332.2	286.7	4013	1485
38	2	1	20.71735	2	1619.3	310.1	902	302
34	2	3	34.08181	3	1148.7	173.4	2247	682
49	2	1	20.08955	1	2512	168.5	4832	793

40	2	3	18.34323	2	833	145.3	577	444
41	2	2	28.04696	3	1808.4	176.1	1884	641
62	2	2	29.84944	3	2115.4	189.5	3172	658
28	2	1	20.125	2	1600.9	171.2	3102	453
78	2	1	41.68569	2	647.7	87.5	1186	466
67	2	1	30.73092	1	849.2	91.7	1237	285
51	2	1	24.90822	2	2166.9	349.1	4098	909
29	2	3	26.68738	2	2476.2	263.5	2889	1529
36	2	3	25.7393	3	1959.3	326.7	1097	966
43	2	2	18.57692	3	1695.3	147.3	570	747
55	2	2	25.42584	2	2307.8	487.8	2627	1627
54	2	1	24.95499	1	1392.2	87.5	849	962
32	2	1	39.56196	2	3511.1	444.7	2174	1814
65	2	1	26.75958	3	1276	87.3	1456	443
41	1	3	41.64947	1	2685.1	432.4	3728	587
60	2	2	40.69531	3	1327	341	1987	670
73	2	2	25.84728	2	853.1	160.5	1022	125
71	2	1	21.81089	1	1215.8	110.8	2079	597
47	2	1	37.27761	3	1927.6	359.1	406	806
35	2	2	29.58546	2	2466.9	331.9	621	579
34	2	3	21.32906	1	3103.7	431	2652	1098
41	2	1	34.61493	3	2046.9	334.2	1745	445
33	2	2	18.57692	1	1835.9	184.2	2121	426
73	2	3	20.71119	2	1678.5	249.5	1078	416
67	2	2	26.94287	1	1049.2	247.2	2672	294
66	2	1	33.10759	2	1762.1	240.3	4935	422
44	2	3	23.27717	2	3183.1	378.8	1118	1257
36	2	2	24.74345	2	2838.8	252.4	9642	634
48	2	2	24.61465	2	2021.1	299.1	1392	1027
46	2	2	25.89669	3	2263.6	306.5	2572	1261
45	2	1	23.82703	1	1841.1	257.7	1665	465
49	2	1	24.26126	1	1125.6	150.5	6943	520
31	2	2	23.45255	1	2729.6	381.8	741	644
45	2	1	26.50808	1	1627	195.6	1242	554

beta-karotén retinol v plasmě (ng/ml)

200	915
124	727
328	721
153	615
92	799
148	654
258	834
64	825
218	517
81	562
184	935
91	741
120	679
61	507
108	852
211	1249
235	1035
288	1262
102	904
113	1727
74	684
129	537
140	760
138	809
143	697
416	676
212	822
786	691
35	599
122	901
119	818
182	623
186	624
216	526
751	1002
39	179
107	564
74	456
418	665
1415	632
400	502
102	838
135	574
97	611
124	476
195	546

107	411
53	475
148	321
77	388
316	586
77	648
266	550
39	783
225	258
173	299
79	384
102	692
158	634
159	592
157	383
96	317
160	247
100	730
293	587
171	407
89	831
109	531
129	560
87	397
328	768
298	393
379	810
204	624
75	227
127	525
131	542
21	558
233	504
73	1031
25	187
137	677
82	783
327	693
142	511
86	435
150	362
53	592
112	360
104	476
170	369
150	619
282	472

91	426
125	592
282	426
16	799
129	497
180	622
39	549
54	539
78	522
34	551
95	466
174	423
95	797
97	532
204	422
25	421
270	527
285	512
110	756
162	456
179	456
131	449
86	406
225	519
249	464
254	523
189	588
108	564
121	927
238	953
127	516
141	669
427	572
305	727
74	544
156	917
168	586
116	516
290	404
304	709
198	429
253	629
148	1139
492	466
156	372
27	558
52	476

210	418
83	564
182	431
40	485
69	733
172	402
253	760
435	659
429	599
326	495
75	436
121	416
292	701
207	553
118	652
108	621
385	617
408	784
97	352
118	677
60	520
357	474
858	643
104	400
219	627
296	701
164	566
487	453
70	428
43	434
274	592
231	413
346	849
181	727
116	700
391	499
85	853
800	532
286	561
87	378
74	419
460	694
154	437
206	657
19	396
168	569
108	493

274	344
120	620
53	277
105	464
159	542
83	824
425	602
99	670
159	569
111	443
316	399
105	489
317	491
372	1443
116	602
229	748
51	602
286	502
110	527
143	470
1212	566
174	491
86	663
132	526
58	556
77	394
237	737
41	573
103	713
193	777
153	437
1391	609
89	481
84	471
36	296
494	499
78	559
102	701
50	332
211	388
159	879
89	323
108	625
188	614
75	525
14	432
165	734

143	364
241	387
97	709
76	561
169	418
222	413
82	506
324	628
146	578
126	486
293	875
183	817
170	647
129	820
129	557
92	520
44	521
51	498
103	436
101	291
372	293
78	600
0	254
84	644
161	636
331	684
366	535
990	584
1010	473
236	647
175	880
67	376
129	864
317	589
168	510
613	770
274	543
94	791
122	537
232	516
167	466
32	194
128	759
151	823
206	426
75	403
447	516

339	560
89	746
39	368
88	792
114	719
66	995
407	725
105	366
140	1102
150	800
95	854
74	1517
202	649
133	710
63	1193
22	581
151	721
473	946
58	794
87	494
113	796
117	738
155	444
41	669
73	836
113	986
100	926
265	986
144	752
164	216
80	328
300	502
121	684
233	826