



CAMBODIAN INSURED-LIVES AND ANNUITANTS MORTALITY TABLES

NICHOLAS ACTUARIAL SOLUTIONS

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This white paper presents the mortality tables we developed for Cambodian insured lives and annuitants, using data science methods. These tables are suitable for the purpose of performing actuarial work for insurance companies as well as pension schemes in Cambodia. We welcome discussions and collaborations.

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NCIB2020 (N-ACTUARIAL CAMBODIAN INSURED-LIVES BASE)

Nearest	Male	Female	Age	Male	Female
0	0.000555	0.000496	36	0.001218	0.000810
1	0.000525	0.000460	37	0.001320	0.000878
2	0.000499	0.000429	38	0.001432	0.000954
3	0.000478	0.000402	39	0.001557	0.001038
4	0.000460	0.000380	40	0.001696	0.001132
5	0.000444	0.000361	41	0.001849	0.001236
6	0.000432	0.000346	42	0.002019	0.001352
7	0.000422	0.000332	43	0.002208	0.001481
8	0.000414	0.000322	44	0.002417	0.001624
9	0.000409	0.000313	45	0.002649	0.001783
10	0.000405	0.000306	46	0.002905	0.001959
11	0.000404	0.000301	47	0.003189	0.002155
12	0.000404	0.000298	48	0.003504	0.002372
13	0.000406	0.000296	49	0.003852	0.002613
14	0.000410	0.000296	50	0.004237	0.002880
15	0.000415	0.000297	51	0.004662	0.003175
16	0.000423	0.000300	52	0.005131	0.003501
17	0.000432	0.000304	53	0.005648	0.003861
18	0.000443	0.000310	54	0.006219	0.004258
19	0.000456	0.000317	55	0.006846	0.004696
20	0.000472	0.000325	56	0.007536	0.005177
21	0.000489	0.000336	57	0.008293	0.005704
22	0.000509	0.000348	58	0.009123	0.006283
23	0.000532	0.000361	59	0.010032	0.006915
24	0.000558	0.000377	60	0.011024	0.007605
25	0.000586	0.000395	61	0.012106	0.008356
26	0.000618	0.000415	62	0.013284	0.009172
27	0.000654	0.000438	63	0.014563	0.010055
28	0.000694	0.000464	64	0.015948	0.011009
29	0.000738	0.000493	65	0.017446	0.012037
30	0.000787	0.000525	66	0.019060	0.013140
31	0.000842	0.000560	67	0.020795	0.014319
32	0.000902	0.000600	68	0.022654	0.015577
33	0.000969	0.000644	69	0.024641	0.016911
34	0.001044	0.000694	70	0.026757	0.018323
35	0.001127	0.000749			

BACKGROUND

“Cambodian insured-lives and annuitants mortality table” is our eighth issue of succinct white paper. Our objective of issuing succinct white papers is to enable our thought leadership to reach a wider audience, and make a larger positive impact. Our white papers are publicly available and we do not claim any proprietary intellectual property on the contents.

ABOUT US

Nicholas Actuarial Solutions is founded as a platform to collaborate with like-minded businesses and individuals to make a difference. Our interests are wide and varied, with our core focus being the actuarial field.

Our mission is to develop and implement novel and cutting-edge solutions to make our clients more successful.

It is our vision to achieve global recognition of our thought leadership and innovative solutions in the actuarial field.

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NCAB2020 (N-ACTUARIAL CAMBODIAN ANNUITANT BASE)

Age	Male	Female	Age	Male	Female	Age	Male	Female
20	0.000409	0.000295	54	0.004089	0.003208	88	0.072285	0.057832
21	0.000422	0.000304	55	0.004448	0.003508	89	0.078318	0.06274
22	0.000437	0.000313	56	0.004837	0.003835	90	0.084808	0.068035
23	0.000455	0.000325	57	0.005257	0.004191	91	0.091782	0.073741
24	0.000474	0.000338	58	0.00571	0.004575	92	0.099268	0.079885
25	0.000495	0.000353	59	0.006199	0.004991	93	0.107292	0.086493
26	0.000519	0.000369	60	0.006723	0.00544	94	0.115882	0.093591
27	0.000546	0.000388	61	0.007447	0.005876	95	0.125062	0.101208
28	0.000576	0.000409	62	0.008116	0.006404	96	0.134859	0.10937
29	0.000609	0.000432	63	0.008844	0.00698	97	0.145297	0.118104
30	0.000645	0.000458	64	0.009637	0.007607	98	0.156395	0.127436
31	0.000685	0.000488	65	0.0105	0.008291	99	0.168175	0.137389
32	0.000729	0.00052	66	0.01144	0.009034	100	0.180652	0.147989
33	0.000778	0.000556	67	0.012463	0.009844	101	0.19384	0.159255
34	0.000832	0.000595	68	0.013577	0.010726	102	0.207745	0.171207
35	0.000891	0.000639	69	0.014788	0.011686	103	0.222373	0.183859
36	0.000956	0.000688	70	0.016105	0.012731	104	0.237722	0.197224
37	0.001027	0.000742	71	0.017538	0.013868	105	0.253785	0.211309
38	0.001106	0.000801	72	0.019096	0.015105	106	0.270548	0.226116
39	0.001192	0.000867	73	0.020789	0.01645	107	0.287991	0.241643
40	0.001287	0.00094	74	0.022629	0.017913	108	0.306086	0.257881
41	0.001391	0.00102	75	0.024627	0.019503	109	0.3248	0.274815
42	0.001505	0.001109	76	0.026797	0.021231	110	0.34409	0.292423
43	0.001631	0.001207	77	0.029153	0.023109	111	0.363909	0.310675
44	0.001769	0.001316	78	0.031709	0.025149	112	0.384201	0.329536
45	0.001919	0.001435	79	0.034481	0.027364	113	0.404904	0.348962
46	0.002085	0.001567	80	0.037487	0.029768	114	0.42595	0.368904
47	0.002266	0.001711	81	0.040743	0.032377	115	0.447269	0.389304
48	0.002463	0.001871	82	0.044269	0.035205	116	0.468783	0.410098
49	0.002679	0.002046	83	0.048084	0.038271	117	0.490414	0.43122
50	0.002915	0.002238	84	0.052211	0.041592	118	0.512081	0.452594
51	0.003173	0.002449	85	0.056671	0.045188	119	0.533702	0.474145
52	0.003453	0.00268	86	0.061487	0.049079	120	0.555198	0.495792
53	0.003758	0.002932	87	0.066683	0.053286			