

**COMMISSIONERS 1941 STANDARD ORDINARY MORTALITY TABLE  
(TABEL CSO 1941)  
COMMUTATION SYMBOL VALUE of  $i = 2\frac{1}{2}\%$**

x	lx	dx	1000.qx	e <sup>o</sup> x	Dx	Nx	Sx	Cx	Mx	Rx
0	1.023.102	23.102	22,58	62,33	1.023.102,00	31.374.229,78	784.658.955,47	22.538,54	257.876,88	12.236.206,47
1	1.000.000	5.770	5,77	62,76	975.609,76	30.351.127,78	753.284.725,69	5.491,97	235.338,35	11.978.329,59
2	994.230	4.116	4,14	62,12	946.322,43	29.375.518,02	722.933.597,91	3.822,12	229.846,38	11.742.991,24
3	990.114	3.347	3,38	61,37	919.419,28	28.429.195,60	693.558.079,89	3.032,22	226.024,26	11.513.144,87
4	986.767	2.950	2,99	60,58	893.962,20	27.509.776,32	665.128.884,29	2.607,37	222.992,05	11.287.120,60
5	983.817	2.715	2,76	59,76	869.550,87	26.615.814,12	637.619.107,97	2.341,14	220.384,68	11.064.128,56
6	981.102	2.561	2,61	58,92	846.001,18	25.746.263,24	611.003.293,86	2.154,48	218.043,54	10.843.743,88
7	978.541	2.417	2,47	58,08	823.212,52	24.900.262,06	585.257.030,61	1.983,74	215.889,06	10.625.700,34
8	976.124	2.255	2,31	57,22	801.150,43	24.077.049,54	560.356.768,55	1.805,64	213.905,31	10.409.811,28
9	973.869	2.065	2,12	56,35	779.804,53	23.275.899,11	536.279.719,01	1.613,17	212.099,67	10.195.905,97
10	971.804	1.914	1,97	55,47	759.171,73	22.496.094,59	513.003.819,89	1.458,75	210.486,50	9.983.806,30
11	969.890	1.852	1,91	54,58	739.196,60	21.736.922,85	490.507.725,31	1.377,07	209.027,75	9.773.319,80
12	968.038	1.859	1,92	53,68	719.790,35	20.997.726,25	468.770.802,45	1.348,56	207.650,69	9.564.292,05
13	966.179	1.913	1,98	52,78	700.885,93	20.277.935,90	447.773.076,20	1.353,88	206.302,13	9.356.641,36
14	964.266	1.996	2,07	51,89	682.437,27	19.577.049,97	427.495.140,30	1.378,17	204.948,25	9.150.339,23
15	962.270	2.069	2,15	50,99	664.414,29	18.894.612,69	407.918.090,33	1.393,73	203.570,08	8.945.390,98
16	960.201	2.103	2,19	50,10	646.815,33	18.230.198,40	389.023.477,64	1.382,08	202.176,35	8.741.820,90
17	958.098	2.156	2,25	49,21	629.657,27	17.583.383,07	370.793.279,24	1.382,35	200.794,27	8.539.644,55
18	955.942	2.199	2,30	48,32	612.917,42	16.953.725,80	353.209.896,17	1.375,54	199.411,91	8.338.850,28
19	953.743	2.260	2,37	47,43	596.592,68	16.340.808,38	336.256.170,37	1.379,21	198.036,38	8.139.438,37
20	951.483	2.312	2,43	46,54	580.662,43	15.744.215,70	319.915.361,99	1.376,53	196.657,17	7.941.401,99
21	949.171	2.382	2,51	45,66	565.123,40	15.163.553,27	304.171.146,30	1.383,62	195.280,63	7.744.744,82
22	946.789	2.452	2,59	44,77	549.956,28	14.598.429,87	289.007.593,03	1.389,54	193.897,01	7.549.464,19

23	944.337	2.531	2,68	43,88	535.153,17	14.048.473,59	274.409.163,16	1.399,33	192.507,47	7.355.567,17
24	941.806	2.609	2,77	43,00	520.701,33	13.513.320,42	260.360.689,56	1.407,27	191.108,14	7.163.059,70
25	939.197	2.705	2,88	42,12	506.594,02	12.992.619,10	246.847.369,14	1.423,46	189.700,87	6.971.951,56
26	936.492	2.800	2,99	41,24	492.814,61	12.486.025,07	233.854.750,04	1.437,52	188.277,41	6.782.250,68
27	933.692	2.904	3,11	40,36	479.357,22	11.993.210,47	221.368.724,97	1.454,55	186.839,89	6.593.973,27
28	930.788	3.025	3,25	39,49	466.211,03	11.513.853,25	209.375.514,50	1.478,20	185.385,34	6.407.133,38
29	927.763	3.154	3,40	38,61	453.361,83	11.047.642,22	197.861.661,25	1.503,65	183.907,14	6.221.748,04
30	924.609	3.292	3,56	37,74	440.800,58	10.594.280,39	186.814.019,04	1.531,16	182.403,49	6.037.840,90
31	921.317	3.437	3,73	36,88	428.518,19	10.153.479,81	176.219.738,65	1.559,61	180.872,34	5.855.437,40
32	917.880	3.598	3,92	36,01	416.506,91	9.724.961,63	166.066.258,84	1.592,85	179.312,73	5.674.565,07
33	914.282	3.767	4,12	35,15	404.755,36	9.308.454,71	156.341.297,21	1.626,99	177.719,88	5.495.252,34
34	910.515	3.961	4,35	34,29	393.256,29	8.903.699,35	147.032.842,50	1.669,05	176.092,89	5.317.532,46
35	906.554	4.161	4,59	33,44	381.995,63	8.510.443,06	138.129.143,15	1.710,56	174.423,84	5.141.439,56
36	902.393	4.386	4,86	32,59	370.968,10	8.128.447,43	129.618.700,10	1.759,08	172.713,28	4.967.015,72
37	898.007	4.625	5,15	31,75	360.161,02	7.757.479,33	121.490.252,67	1.809,69	170.954,20	4.794.302,44
38	893.382	4.878	5,46	30,91	349.566,91	7.397.318,32	113.732.773,34	1.862,13	169.144,51	4.623.348,23
39	888.504	5.162	5,81	30,08	339.178,75	7.047.751,41	106.335.455,02	1.922,49	167.282,38	4.454.203,72
40	883.342	5.459	6,18	29,25	328.983,61	6.708.572,66	99.287.703,61	1.983,51	165.359,89	4.286.921,35
41	877.883	5.785	6,59	28,43	318.976,11	6.379.589,04	92.579.130,96	2.050,69	163.376,38	4.121.561,46
42	872.098	6.131	7,03	27,62	309.145,51	6.060.612,93	86.199.541,91	2.120,34	161.325,68	3.958.185,08
43	865.967	6.503	7,51	26,81	299.485,04	5.751.467,42	80.138.928,98	2.194,14	159.205,34	3.796.859,40
44	859.464	6.910	8,04	26,01	289.986,39	5.451.982,39	74.387.461,55	2.274,60	157.011,21	3.637.654,05
45	852.554	7.340	8,61	25,21	280.638,95	5.161.996,00	68.935.479,17	2.357,21	154.736,61	3.480.642,85
46	845.214	7.801	9,23	24,43	271.436,89	4.881.357,04	63.773.483,17	2.444,15	152.379,40	3.325.906,23
47	837.413	8.299	9,91	23,65	262.372,33	4.609.920,15	58.892.126,13	2.536,76	149.935,25	3.173.526,83
48	829.114	8.822	10,64	22,88	253.436,24	4.347.547,82	54.282.205,98	2.630,86	147.398,48	3.023.591,58
49	820.292	9.392	11,45	22,12	244.624,00	4.094.111,59	49.934.658,16	2.732,53	144.767,62	2.876.193,10
50	810.900	9.990	12,32	21,37	235.925,04	3.849.487,58	45.840.546,57	2.835,62	142.035,10	2.731.425,47
51	800.910	10.628	13,27	20,64	227.335,15	3.613.562,55	41.991.058,98	2.943,14	139.199,47	2.589.390,38

52	790.282	11.301	14,30	19,91	218.847,25	3.386.227,40	38.377.496,44	3.053,18	136.256,34	2.450.190,90
53	778.981	12.020	15,43	19,19	210.456,33	3.167.380,15	34.991.269,03	3.168,22	133.203,16	2.313.934,57
54	766.961	12.770	16,65	18,48	202.155,03	2.956.923,82	31.823.888,88	3.283,81	130.034,94	2.180.731,41
55	754.191	13.560	17,98	17,78	193.940,61	2.754.768,79	28.866.965,06	3.401,91	126.751,12	2.050.696,47
56	740.631	14.390	19,43	17,10	185.808,43	2.560.828,19	26.112.196,27	3.522,09	123.349,21	1.923.945,35
57	726.241	15.251	21,00	16,43	177.754,43	2.375.019,75	23.551.368,08	3.641,78	119.827,12	1.800.596,14
58	710.990	16.147	22,71	15,77	169.777,17	2.197.265,32	21.176.348,33	3.761,70	116.185,34	1.680.769,02
59	694.843	17.072	24,57	15,13	161.874,57	2.027.488,15	18.979.083,01	3.880,19	112.423,64	1.564.583,68
60	677.771	18.022	26,59	14,50	154.046,22	1.865.613,58	16.951.594,86	3.996,20	108.543,45	1.452.160,04
61	659.749	18.988	28,78	13,88	146.292,80	1.711.567,35	15.085.981,29	4.107,71	104.547,25	1.343.616,59
62	640.761	19.979	31,18	13,27	138.616,97	1.565.274,55	13.374.413,94	4.216,68	100.439,55	1.239.069,33
63	620.782	20.958	33,76	12,69	131.019,40	1.426.657,58	11.809.139,39	4.315,41	96.222,87	1.138.629,79
64	599.824	21.942	36,58	12,11	123.508,39	1.295.638,18	10.382.481,81	4.407,83	91.907,46	1.042.406,92
65	577.882	22.907	39,64	11,55	116.088,16	1.172.129,79	9.086.843,63	4.489,45	87.499,63	950.499,46
66	554.975	23.842	42,96	11,01	108.767,29	1.056.041,63	7.914.713,84	4.558,73	83.010,18	862.999,83
67	531.133	24.730	46,56	10,48	101.555,70	947.274,35	6.858.672,20	4.613,19	78.451,45	779.989,66
68	506.403	25.553	50,46	9,97	94.465,54	845.718,65	5.911.397,86	4.650,45	73.838,26	701.538,21
69	480.850	26.302	54,70	9,47	87.511,05	751.253,10	5.065.679,21	4.670,01	69.187,81	627.699,95
70	454.548	26.955	59,30	8,99	80.706,62	663.742,05	4.314.426,11	4.669,23	64.517,79	558.512,15
71	427.593	27.481	64,27	8,52	74.068,94	583.035,43	3.650.684,06	4.644,24	59.848,57	493.994,35
72	400.112	27.872	69,66	8,08	67.618,15	508.966,49	3.067.648,63	4.595,43	55.204,33	434.145,79
73	372.240	28.104	75,50	7,64	61.373,50	441.348,34	2.558.682,14	4.520,66	50.608,90	378.941,46
74	344.136	28.154	81,81	7,23	55.355,92	379.974,84	2.117.333,81	4.418,25	46.088,24	328.332,55
75	315.982	28.009	88,64	6,82	49.587,53	324.618,92	1.737.358,97	4.288,29	41.669,99	282.244,31
76	287.973	27.651	96,02	6,44	44.089,79	275.031,40	1.412.740,04	4.130,22	37.381,70	240.574,32
77	260.322	27.071	103,99	6,07	38.884,21	230.941,61	1.137.708,65	3.944,96	33.251,48	203.192,62
78	233.251	26.262	112,59	5,72	33.990,85	192.057,40	906.767,04	3.733,73	29.306,52	169.941,13
79	206.989	25.224	121,86	5,38	29.428,08	158.066,55	714.709,63	3.498,68	25.572,80	140.634,61
80	181.765	23.966	131,85	5,06	25.211,64	128.638,48	556.643,08	3.243,12	22.074,11	115.061,82

81	157.799	22.502	142,60	4,75	21.353,60	103.426,84	428.004,61	2.970,74	18.831,00	92.987,70
82	135.297	20.857	154,16	4,46	17.862,05	82.073,24	324.577,77	2.686,40	15.860,26	74.156,71
83	114.440	19.062	166,57	4,18	14.739,98	64.211,19	242.504,53	2.395,32	13.173,86	58.296,45
84	95.378	17.157	179,88	3,91	11.985,15	49.471,21	178.293,34	2.103,36	10.778,54	45.122,59
85	78.221	15.185	194,13	3,66	9.589,47	37.486,06	128.822,13	1.816,19	8.675,18	34.344,05
86	63.036	13.198	209,37	3,42	7.539,39	27.896,58	91.336,07	1.540,04	6.858,99	25.668,87
87	49.838	11.245	225,63	3,19	5.815,46	20.357,19	63.439,49	1.280,15	5.318,95	18.809,89
88	38.593	9.378	243,00	2,98	4.393,48	14.541,73	43.082,30	1.041,56	4.038,80	13.490,94
89	29.215	7.638	261,44	2,77	3.244,75	10.148,25	28.540,57	827,62	2.997,24	9.452,14
90	21.577	6.063	280,99	2,58	2.337,99	6.903,50	18.392,32	640,94	2.169,61	6.454,90
91	15.514	4.681	301,73	2,39	1.640,03	4.565,50	11.488,83	482,77	1.528,68	4.285,29
92	10.833	3.506	323,64	2,21	1.117,26	2.925,47	6.923,32	352,77	1.045,90	2.756,61
93	7.327	2.540	346,66	2,03	737,24	1.808,21	3.997,85	249,34	693,13	1.710,71
94	4.787	1.776	371,00	1,84	469,92	1.070,98	2.189,64	170,09	443,79	1.017,57
95	3.011	1.193	396,21	1,63	288,37	601,06	1.118,66	111,47	273,71	573,78
96	1.818	813	447,19	1,37	169,86	312,70	517,60	74,11	162,24	300,07
97	1.005	551	548,26	1,08	91,61	142,83	204,90	49,00	88,13	137,84
98	454	329	724,67	0,78	40,38	51,22	62,07	28,55	39,13	49,71
99	125	125	1.000,00	0,50	10,85	10,85	10,85	10,58	10,58	10,58