SUPERINTENDENCIA DE
VALORES Y SEGUROS
CHILE

REF.: IMPARTE NUEVAS TABLAS DE MORTALIDAD PARA EL CALCULO DE RESERVAS TECNICAS.

C I R C U L A R N° 491

Para todas las entidades de seguros del segundo grupo.

SANTIAGO, 29 de Marzo de 1985.

VISTAS : Las facultades que le confieren los artículos 3°, letra f) y 24°, número 2, del D.F.L. N° 251, de 1931,el artículo 4°, letra a) del D.L. N° 3538, de 1980 y el artículo 68° del D.L. N°3.500 de 1980, esta Superintendencia ha estimado conveniente aprobar las tablas de mortalidad que a continuación se señalan, las que serán de uso obligatorio para el cálculo de las reservas técnicas -- que se indican.

- Tablas de mortalidad B-85-H (para hombres) y B-85-M (para mujeres).

  Estas tablas se utilizarán en el cálculo de las reservas correspondientes a los beneficiarios no inválidos de los afiliados al nuevo sistema previsional que fallezcan, se invaliden o se acojan a pensión de vejez.

- Tablas de mortalidad RV-85-H (para hombres) y RV-85-M (para mujeres).

  Estas tablas se utilizarán en el cálculo de las reservas de los afiliados no inválidos que contraten una renta vitalicia, de a - cuerdo al artículo 62°del D.L. N° 3.500, de 1980.

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SUPERINTENDENCIA DE
VALORES Y SEGUROS
CHILE

Las tablas descritas precedentemente fueron confeccionadas mediante la ecuación de Makeham:

$$q_x = 1 - s \cdot g^{c^x (C-1)}$$

Los valores de conmutación deberán ser calculados con una tasa de interés técnico obligatorio de 3%.

La presente circular rige a partir de esta fecha.

Saluda atentamente a Ud.,

FERNANDO ALVARADO ELISSETCHE
SUPERINTENDENTE

La Circular N° 490 fue enviada a todos los Corredores de Bolsa y Agentes de Valores.

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TABLA DE MORTALIDAD B-85-H

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EDAD	q(x)	l(x)	e(x)	D(x)	N(x)	EDAD
0	16.100	100000.000	71.66	100000.0000	2938465.3735	0
1	1.280	98390.000	71.82	95524.2705	2838465.3735	1
2	0.700	98264.061	70.91	92623.3007	2742941.1030	2
3	0.470	98195.276	69.96	89862.5861	2650317.8022	3
4	0.400	98149.124	68.99	87204.2249	2560455.2161	4
5	0.380	98109.865	68.02	84630.4316	2473250.9912	5
6	0.370	98072.583	67.05	82134.2425	2388620.5597	6
7	0.360	98036.296	66.07	79712.4805	2306486.3172	7
8	0.350	98001.003	65.09	77362.8952	2226773.8366	8
9	0.340	97966.703	64.12	75083.3196	2149410.9414	9
10	0.334	97933.394	63.14	72871.6405	2074327.6217	10
11	0.356	97900.704	62.16	70725.5467	2001455.9813	11
12	0.379	97865.889	61.18	68641.1612	1930730.4346	12
13	0.405	97828.754	60.20	66616.6225	1862089.2734	13
14	0.433	97789.102	59.23	64650.1151	1795472.6509	14
15	0.464	97746.721	58.25	62739.8975	1730822.5359	15
16	0.497	97701.364	57.28	60884.2580	1668082.6383	16
17	0.533	97652.779	56.31	59081.5338	1607198.3803	17
18	0.573	97600.685	55.34	57330.1151	1548116.8465	18
19	0.616	97544.780	54.37	55628.4202	1490786.7314	19
20	0.662	97484.739	53.40	53974.9321	1435158.3112	20
21	0.713	97420.203	52.44	52368.1575	1381183.3790	21
22	0.768	97350.785	51.48	50806.6436	1328815.2215	22
23	0.827	97276.068	50.51	49288.9815	1278008.5780	23
24	0.892	97195.593	49.56	47813.7880	1228719.5964	24
25	0.963	97108.870	48.60	46379.7356	1180905.8084	25
26	1.040	97015.367	47.65	44985.5106	1134526.0728	26
27	1.123	96914.500	46.70	43629.8414	1089540.5622	27
28	1.214	96805.646	45.75	42311.4941	1045910.7208	28
29	1.313	96688.127	44.80	41029.2546	1003599.2267	29
30	1.420	96561.197	43.86	39781.9325	962569.9721	30
31	1.537	96424.074	42.92	38568.3858	922788.0396	31
32	1.664	96275.893	41.99	37387.4931	884219.6538	32
33	1.802	96115.730	41.06	36238.1513	846832.1607	33
34	1.952	95942.566	40.13	35119.2849	810594.0095	34
35	2.115	95755.327	39.21	34029.8504	775474.7246	35
36	2.292	95552.845	38.29	32968.8268	741444.8742	36
37	2.485	95333.848	37.38	31935.2120	708476.0474	37
38	2.694	95096.979	36.47	30928.0222	676540.8354	38
39	2.922	94840.770	35.57	29946.3069	645612.8131	39
40	3.169	94563.659	34.67	28989.1347	615666.5062	40
41	3.439	94263.940	33.78	28055.5866	586677.3715	41
42	3.731	93939.794	32.89	27144.7683	558621.7849	42
43	4.049	93589.279	32.01	26255.8086	531477.0166	43
44	4.395	93210.302	31.14	25387.8520	505221.2080	44
45	4.771	92800.633	30.28	24540.0722	479833.3560	45
46	5.179	92357.893	29.42	23711.6437	455293.2837	46
47	5.623	91879.537	28.57	22901.7778	431581.6400	47
48	6.106	91362.862	27.73	22109.7010	408679.8622	48
49	6.630	90805.009	26.90	21334.6618	386570.1612	49
50	7.200	90202.942	26.07	20575.9284	365235.4994	50
51	7.820	89553.456	25.26	19832.7912	344659.5710	51
52	8.493	88853.180	24.45	19104.5688	324826.7798	52
53	9.224	88098.582	23.66	18390.6035	305722.2110	53
54	10.019	87285.962	22.87	17690.2610	287331.6075	54
55	10.882	86411.487	22.10	17002.9435	269641.3465	55

56	11.820	85471.174	21.34	16378.0763	252638.4039	56
57	12.838	84460.939	20.78	15845.1224	236310.3267	57
58	13.945	83376.594	19.85	15313.6069	220645.1943	58
59	15.147	82213.912	19.12	14783.0307	205631.5874	59
60	16.452	80968.633	18.41	13743.0540	191258.5567	60
61	17.869	79636.547	17.71	13123.2582	177515.4827	61
62	19.408	78213.504	17.02	12513.3550	164392.2245	62
63	21.078	76695.544	16.35	11913.1030	151878.8695	63
64	22.891	75078.932	15.69	11322.3262	139965.7665	64
65	24.859	73360.271	15.04	10740.9147	128643.4404	65
66	26.994	71536.603	14.41	10168.8407	117902.5256	66
67	29.311	69605.528	13.80	9606.1559	107733.6849	67
68	31.823	67565.350	13.20	9053.0041	98127.5291	68
69	34.547	65415.216	12.62	8509.6220	89074.5250	69
70	37.501	63155.288	12.05	7976.3448	80564.9031	70
71	40.686	60786.916	11.50	7453.6179	72588.5582	71
72	43.731	58325.924	10.97	6943.5471	65134.9403	72
73	47.259	55775.268	10.45	6446.5034	58191.3932	73
74	51.092	53139.392	9.94	5962.9599	51744.8898	74
75	55.257	50424.377	9.45	5493.4934	45781.9298	75
76	59.778	47638.099	8.97	5038.7786	40288.4365	76
77	64.686	44790.374	8.51	4599.5817	35249.6579	77
78	70.011	41893.057	8.06	4176.7498	30650.0762	78
79	75.785	38960.092	7.63	3771.1963	26473.3263	79
80	82.042	36007.515	7.22	3383.8814	22702.1300	80
81	88.820	33053.382	6.82	3015.7868	19318.2486	81
82	96.156	30117.585	6.44	2667.8885	16302.4619	82
83	104.093	27221.585	6.07	2341.1200	13634.5734	83
84	112.670	24388.031	5.71	2036.3376	11293.4533	84
85	121.933	21640.242	5.38	1754.2762	9257.1157	85
86	131.927	19001.592	5.05	1495.5075	7502.8395	86
87	142.700	16494.769	4.74	1260.3978	6007.3320	87
88	154.299	14140.969	4.45	1049.0673	4746.9342	88
89	166.773	11959.032	4.17	861.3566	3697.8669	89
90	180.171	9964.587	3.91	696.8014	2836.5103	90
91	194.540	8169.259	3.65	554.6195	2139.7089	91
92	209.928	6580.008	3.42	433.7122	1585.0894	92
93	226.379	5198.678	3.19	332.6833	1151.3772	93
94	243.935	4021.804	2.98	249.8744	818.6939	94
95	262.631	3040.746	2.78	183.4187	568.8196	95
96	282.499	2242.151	2.59	131.3080	385.4008	96
97	303.563	1608.744	2.41	91.4695	254.0928	97
98	325.836	1120.389	2.25	61.8473	162.6234	98
99	349.320	755.326	2.09	40.4808	100.7761	99
100	374.007	491.475	1.95	25.5729	60.2952	100
101	399.870	307.660	1.81	15.5422	34.7224	101
102	426.865	184.636	1.68	9.0557	19.1802	102
103	454.930	105.821	1.57	5.0369	10.1246	103
104	483.981	57.680	1.46	2.6666	5.0856	104
105	513.908	29.764	1.35	1.3359	2.4190	105
106	544.578	14.468	1.25	0.6305	1.0831	106
107	575.832	6.589	1.15	0.2788	0.4526	107
108	607.485	2.795	1.03	0.1148	0.1739	108
109	639.326	1.077	0.86	0.0437	0.0591	109
110	1000.000	0.396	0.50	0.0153	0.0153	110

CONSTANTES TABLA DE MORTALIDAD B-85-H

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	10 ≤ x ≤ 70	70 ≤ x ≤ 110
C	1.087362757	1.090857469
G	0.998759634	0.999145888
S	0.999916758	0.995970826

TABLA DE MORTALIDAD B-85-M

EDAD	q(y)	l(y)	e(y)	D(y)	N(y)	EDAD
0	12.000	100000.000	78.18	100000.0000	3030891.8060	0
1	1.000	98800.000	78.12	95922.3288	2930891.8060	1
2	0.610	98701.200	77.20	93035.3464	2834969.4772	2
3	0.360	98640.992	76.25	90270.4796	2741934.1308	3
4	0.270	98605.482	75.28	87609.6925	2651663.6512	4
5	0.260	98578.858	74.30	85034.9895	2564053.9587	5
6	0.250	98553.228	73.32	82536.7749	2479018.9692	6
7	0.240	98528.589	72.33	80112.7600	2396482.1943	7
8	0.220	98504.942	71.35	77760.7097	2316369.4343	8
9	0.210	98483.271	70.37	75479.2266	2238608.7245	9
10	0.200	98462.590	69.38	73265.4119	2163129.4979	10
11	0.208	98442.888	68.40	71117.2320	2089864.0860	11
12	0.218	98422.368	67.41	69031.4646	2018746.8540	12
13	0.228	98400.950	66.42	67006.2604	1949715.3894	13
14	0.239	98378.545	65.44	65039.8066	1882709.1289	14
15	0.251	98355.061	64.45	63130.3677	1817669.3224	15
16	0.264	98330.386	63.47	61276.2437	1754538.9547	16
17	0.279	98304.417	62.49	59475.7853	1693262.7110	17
18	0.295	98277.030	61.50	57727.3965	1633786.9257	18
19	0.312	98248.082	60.52	56029.5034	1576059.5292	19
20	0.331	98217.421	59.54	54380.6003	1520030.0259	20
21	0.352	98184.896	58.56	52779.2179	1465649.4256	21
22	0.375	98150.316	57.58	51223.9127	1412870.2077	22
23	0.400	98113.491	56.60	49713.2967	1361646.2950	23
24	0.428	98074.200	55.63	48246.0044	1311932.9983	24
25	0.458	98032.213	54.65	46820.7290	1263686.9939	25
26	0.492	97987.275	53.67	45436.1794	1216866.2649	26
27	0.528	97939.094	52.70	44091.1023	1171430.0855	27
28	0.568	97887.370	51.73	42784.2905	1127338.9832	28
29	0.612	97831.759	50.76	41514.5507	1084554.6927	29
30	0.660	97771.894	49.79	40280.7239	1043040.1420	30
31	0.713	97707.364	48.82	39081.6852	1002759.4181	31
32	0.770	97637.734	47.85	37916.3462	963677.7329	32
33	0.834	97562.515	46.89	36783.6271	925761.3867	33
34	0.903	97481.185	45.93	35682.4884	888977.7596	34
35	0.979	97393.148	44.97	34611.9048	853295.2712	35
36	1.062	97297.790	44.01	33570.8696	818683.3664	36
37	1.154	97194.414	43.06	32558.4697	785112.4768	37
38	1.254	97082.255	42.11	31573.6860	752554.0071	38
39	1.364	96960.500	41.16	30615.6192	720980.3211	39
40	1.484	96828.248	40.22	29683.3598	690364.7020	40
41	1.616	96684.513	39.28	28776.0168	660681.3422	41
42	1.761	96528.228	38.34	27892.7201	631905.3254	42
43	1.920	96358.234	37.41	27032.6193	604012.6053	43
44	2.094	96173.252	36.48	26194.8758	576979.9860	44
45	2.284	95971.900	35.55	25378.6776	550785.1101	45
46	2.493	95752.677	34.63	24583.2089	525406.4326	46
47	2.722	95513.954	33.72	23807.6880	500823.2237	47
48	2.973	95253.950	32.81	23051.3393	477015.5357	48
49	3.248	94970.748	31.91	22313.4032	453964.1964	49
50	3.550	94662.255	31.01	21593.1292	431650.7932	50
51	3.880	94326.223	30.12	20889.7834	410057.6640	51
52	4.243	93960.213	29.23	20202.6460	389167.8806	52
53	4.639	93561.586	28.35	19531.0071	368965.2347	53
54	5.074	93127.514	27.48	18874.1694	349434.2276	54
55	5.551	92654.940	26.62	18231.4500	330560.0582	55

56	6.073	92140.598	25.77	17602.1769	312328.6082	56
57	6.646	91560.985	24.92	16985.7014	294726.4313	57
58	7.273	90972.352	24.08	16381.3736	277740.7300	58
59	7.960	90310.716	23.26	15788.5747	261359.3564	59
60	8.713	89591.834	22.44	15206.6963	245570.7816	60
61	9.537	88811.236	21.63	14635.1497	230364.0854	61
62	10.441	87964.206	20.84	14073.3669	215728.9356	62
63	11.430	87045.800	20.05	13520.8061	201655.5687	63
64	12.514	86050.855	19.28	12976.9540	188134.7626	64
65	13.700	84974.048	18.52	12441.3254	175157.8085	65
66	14.999	83809.685	17.77	11913.4728	162716.4832	66
67	16.422	82552.783	17.03	11392.9875	150803.0104	67
68	17.979	81197.108	16.30	10879.5077	139410.0229	68
69	19.684	79737.256	15.59	10372.7225	128530.5153	69
70	21.550	78167.745	14.90	9872.3782	118157.7928	70
71	23.690	76483.249	14.21	9378.2832	108285.4145	71
72	26.047	74671.387	13.55	8889.4314	98907.1313	72
73	28.644	72726.395	12.90	8405.7140	90017.6999	73
74	31.504	70643.202	12.26	7927.1246	81611.9858	74
75	34.652	68417.661	11.64	7453.7752	73684.8612	75
76	38.117	66046.841	11.04	6985.9087	66231.0860	76
77	41.928	63529.346	10.46	6523.9111	59245.1774	77
78	46.120	60865.668	9.90	6068.3245	52721.2662	78
79	50.727	58058.563	9.35	5619.6595	46652.9417	79
80	55.789	55113.434	8.82	5179.3999	41033.0822	80
81	61.347	52038.723	8.32	4748.0070	35853.6823	81
82	67.447	48846.294	7.83	4326.9229	31105.6753	82
83	74.137	45551.744	7.36	3917.5567	26778.7524	83
84	81.470	42174.657	6.91	3521.4751	22861.1956	84
85	89.499	38738.709	6.47	3140.3713	19339.7206	85
86	98.284	35271.638	6.06	2776.0305	16199.3493	86
87	107.887	31804.999	5.67	2430.2826	13423.3188	87
88	118.373	28373.654	5.29	2104.9386	10993.0361	88
89	129.809	25014.995	4.94	1801.7202	8888.0975	89
90	142.265	21767.833	4.60	1522.1761	7086.3774	90
91	155.813	18671.035	4.28	1267.5959	5564.2013	91
92	170.526	15761.842	3.98	1038.9203	4296.6053	92
93	186.475	13074.039	3.69	836.6578	3257.6850	93
94	203.732	10636.054	3.42	660.8172	2421.0272	94
95	222.363	8469.150	3.17	510.8618	1760.2100	95
96	242.431	6585.923	2.93	385.6941	1249.3483	96
97	263.991	4989.289	2.71	286.6794	863.6542	97
98	287.087	3672.161	2.50	202.7093	579.9748	98
99	311.751	2617.930	2.31	140.3049	377.2655	99
100	337.996	1901.788	2.13	93.7521	236.9606	100
101	365.818	1192.790	1.97	60.2565	143.2085	101
102	395.184	756.446	1.81	37.1006	82.9520	102
103	426.036	457.511	1.67	21.7855	45.8514	103
104	458.279	262.595	1.54	12.1399	24.0659	104
105	491.785	142.253	1.41	6.3849	11.9260	105
106	526.383	72.295	1.30	3.1504	5.5411	106
107	561.859	34.240	1.18	1.4486	2.3907	107
108	597.955	15.002	1.05	0.6162	0.9421	108
109	634.371	6.031	0.87	0.2405	0.3259	109
110	1000.000	2.205	0.50	0.0854	0.0854	110

CONSTANTES TABLA DE MORTALIDAD B-85-M

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	10 ≤ y ≤ 70	70 ≤ y ≤ 110
C	1.096346428	1.104287825
G	0.999640543	0.999805878
S	0.999886798	0.999209499

TABLA DE MORTALIDAD RV-85-H

EDAD	q(x)	l(x)	e(x)	D(x)	N(x)	EDAD
20	0.655	100000.000	56.08	55367.5711	1504486.1090	20
21	0.690	99934.535	55.12	53719.7353	1449118.5379	21
22	0.728	99865.582	54.15	52119.0972	1395398.8026	22
23	0.770	99792.844	53.19	50564.2113	1343279.7054	23
24	0.816	99715.973	52.23	49053.6479	1292715.4941	24
25	0.866	99634.609	51.28	47586.0426	1243661.8462	25
26	0.920	99548.349	50.32	46160.0408	1196075.8037	26
27	0.979	99456.776	49.37	44774.3462	1149915.7628	27
28	1.043	99359.409	48.41	43427.6844	1105141.4167	28
29	1.114	99255.743	47.46	42118.8130	1061713.7322	29
30	1.190	99145.218	46.52	40846.5148	1019594.9192	30
31	1.273	99027.241	45.57	39609.6192	978748.4044	31
32	1.364	98901.156	44.63	38406.9797	939138.7852	32
33	1.463	98766.249	43.69	37237.4666	900731.8055	33
34	1.571	98621.763	42.75	36099.9912	863494.3390	34
35	1.688	98466.857	41.82	34993.4830	827394.3478	35
36	1.816	98300.635	40.89	33916.9033	792400.8648	36
37	1.955	98122.123	39.96	32869.2364	758483.9614	37
38	2.107	97930.253	39.04	31849.4771	725614.7250	38
39	2.273	97723.884	38.12	30856.6603	693765.2479	39
40	2.453	97501.778	37.21	29889.8352	662908.5875	40
41	2.650	97262.602	36.30	28948.0724	633018.7523	41
42	2.863	97004.904	35.39	28030.4600	604070.6799	42
43	3.097	96727.131	34.49	27136.1108	576040.2200	43
44	3.351	96427.599	33.60	26264.1530	548904.1091	44
45	3.627	96104.494	32.71	25413.7407	522639.9562	45
46	3.929	95755.877	31.82	24584.0302	497226.2154	46
47	4.258	95379.645	30.95	23774.2104	472642.1852	47
48	4.615	94973.559	30.08	22983.4851	448867.9748	48
49	5.005	94535.222	29.22	22211.0764	425884.4897	49
50	5.430	94062.062	28.36	21456.2208	403673.4132	50
51	5.892	93551.333	27.51	20718.1738	382217.1924	51
52	6.396	93000.108	26.67	19996.2111	361499.0186	52
53	6.945	92405.285	25.84	19289.6289	341502.8075	53
54	7.542	91763.559	25.02	18597.7363	322213.1786	54
55	8.193	91071.466	24.20	17919.8743	303615.4424	55
56	8.902	90325.321	23.40	17255.3935	285695.5680	56
57	9.673	89521.282	22.61	16603.6842	268440.1745	57
58	10.514	88655.318	21.82	15964.1457	251836.4903	58
59	11.428	87723.237	21.05	15336.2186	235872.3446	59
60	12.424	86720.700	20.29	14719.3699	220536.1260	60
61	13.509	85643.254	19.54	14113.0998	205816.7561	61
62	14.689	84486.338	18.80	13516.9438	191703.6562	62
63	15.973	83245.348	18.07	12930.4827	178186.7124	63
64	17.371	81915.658	17.35	12353.3429	165256.2296	64
65	18.892	80492.706	16.65	11785.1977	152902.8867	65
66	20.547	78972.048	15.96	11225.7801	141117.6890	66
67	22.347	77349.440	15.29	10674.8817	129891.9089	67
68	24.305	75620.937	14.62	10132.3629	119217.0272	68
69	26.434	73783.005	13.98	9598.1562	109084.6643	69
70	28.751	71832.651	13.34	9072.2727	99486.5081	70

71	31.393	69767.390	12.72	6554.7928	90414.2354	71
72	34.281	67577.177	12.12	8044.8844	81859.4426	72
73	37.437	65260.563	11.53	7542.8134	73814.5582	73
74	40.885	62817.408	10.96	7048.9645	66271.7448	74
75	44.650	60249.140	10.41	6563.8540	59222.7804	75
76	48.760	57559.021	9.87	6088.1347	52658.9263	76
77	53.246	54752.419	9.35	5622.5971	46570.7917	77
78	58.139	51837.070	8.85	5168.1707	40948.1946	78
79	63.474	48823.314	8.36	4725.9207	35780.0239	79
80	69.287	45724.318	7.90	4297.0382	31054.1032	80
81	75.618	42556.226	7.45	3882.6251	26757.0650	81
82	82.508	39338.217	7.01	3484.6744	22874.2398	82
83	90.003	36092.482	6.60	3104.0380	19389.5654	83
84	98.148	32844.048	6.20	2742.3933	16285.5274	84
85	106.994	29620.458	5.82	2401.1961	13543.1341	85
86	116.590	26451.259	5.46	2081.8285	11141.9381	86
87	126.992	23367.302	5.12	1785.5416	9060.1095	87
88	138.253	20399.852	4.79	1513.3911	7274.5679	88
89	150.431	17579.508	4.48	1266.1748	5761.1768	89
90	163.583	14935.002	4.18	1044.3714	4495.0020	90
91	177.767	12491.884	3.90	848.0870	3450.6306	91
92	193.039	10271.238	3.64	677.0146	2602.5436	92
93	209.455	8288.488	3.39	530.4120	1925.5289	93
94	227.066	6552.424	3.15	407.1016	1395.1169	94
95	245.922	5064.588	2.93	305.4975	988.0153	95
96	266.064	3819.094	2.72	223.6592	682.5178	96
97	287.526	2802.972	2.53	159.3705	458.8587	97
98	310.332	1997.046	2.34	110.2402	299.4882	98
99	334.494	1377.299	2.17	73.8147	189.2480	99
100	360.010	916.600	2.01	47.6933	115.4333	100
101	386.858	586.615	1.87	29.6342	67.7400	101
102	414.997	359.678	1.73	17.6407	38.1058	102
103	444.362	210.413	1.60	10.0193	20.4651	103
104	474.861	116.913	1.48	5.4050	10.4458	104
105	506.374	61.396	1.37	2.7557	5.0408	105
106	538.750	30.307	1.26	1.3207	2.2852	106
107	571.807	13.979	1.16	0.5914	0.9645	107
108	605.329	5.986	1.04	0.2459	0.3731	108
109	639.068	2.362	0.86	0.0942	0.1272	109
110	1000.000	0.853	0.50	0.0330	0.0330	110

CONSTANTES TABLA DE MORTALIDAD RV-85-H

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	20 ≤ x ≤ 70	70 ≤ x ≤ 110
C	1.089736350	1.096209882
G	0.999214025	0.999525667
S	0.999738701	0.999140668

TABLA DE MORTALIDAD RV-85-M

EDAD	q(y)	l(y)	e(y)	D(y)	N(y)	EDAD
20	0.316	100000.000	61.93	55367.5711	1572347.1853	20
21	0.331	99968.408	60.95	53737.9434	1516979.6142	21
22	0.347	99935.348	59.97	52155.5076	1463241.6708	22
23	0.365	99900.668	58.99	50618.8446	1411086.1632	23
24	0.384	99864.219	58.01	49126.5752	1360467.3186	24
25	0.406	99825.826	57.03	47677.3687	1311340.7434	25
26	0.430	99785.294	56.05	46269.9111	1263663.3747	26
27	0.456	99742.423	55.08	44902.9413	1217393.4636	27
28	0.484	99696.968	54.10	43575.2234	1172490.5223	28
29	0.516	99648.693	53.13	42285.5598	1128915.2989	29
30	0.550	99597.312	52.15	41032.7716	1086629.7391	30
31	0.588	99542.526	51.18	39815.7266	1045596.9675	31
32	0.630	99484.004	50.21	38633.3213	1005781.2409	32
33	0.675	99421.378	49.24	37484.4674	967147.9195	33
34	0.725	99354.247	48.28	36368.1133	929663.4521	34
35	0.781	99282.176	47.31	35284.2339	893295.3388	35
36	0.841	99204.684	46.35	34228.8296	858012.1049	36
37	0.908	99121.246	45.39	33203.9255	823783.2753	37
38	0.981	99031.286	44.43	32207.5616	790579.3498	38
39	1.061	98934.172	43.47	31238.8129	758371.7882	39
40	1.149	98829.211	42.52	30296.7687	727132.9753	40
41	1.246	98715.651	41.56	29380.5402	696836.2066	41
42	1.352	98592.655	40.62	28489.2553	667455.6664	42
43	1.469	98459.331	39.67	27622.0672	638966.4112	43
44	1.597	98314.675	38.73	26778.1389	611344.3440	44
45	1.738	98157.622	37.79	25956.6670	584566.2051	45
46	1.893	97986.960	36.85	25156.8360	558609.5381	46
47	2.063	97801.464	35.92	24377.8698	533452.7021	47
48	2.250	97599.670	35.00	23619.0008	509074.8322	48
49	2.455	97380.058	34.07	22879.4714	485455.8314	49
50	2.681	97140.966	33.16	22158.5406	462576.3600	50
51	2.928	96880.577	32.24	21455.4786	440417.8194	51
52	3.200	96596.915	31.34	20769.5706	418962.3408	52
53	3.498	96287.836	30.44	20100.1118	398192.7702	53
54	3.826	95950.996	29.54	19446.4049	378092.6584	54
55	4.186	95583.894	28.65	18807.7720	358646.2535	55
56	4.581	95183.802	27.77	18183.5386	339838.4815	56
57	5.015	94747.765	26.90	17573.0502	321654.9429	57
58	5.492	94272.603	26.03	16975.6491	304081.8927	58
59	6.015	93754.900	25.17	16390.7044	287106.2436	59
60	6.589	93190.979	24.32	15817.5902	270715.5391	60
61	7.220	92576.917	23.48	15255.6940	254897.9489	61
62	7.912	91908.520	22.65	14704.4164	239642.2549	62
63	8.672	91181.313	21.82	14163.1745	224937.8385	63
64	9.507	90390.561	21.01	13631.4062	210774.6640	64
65	10.422	89531.258	20.21	13108.5612	197143.2577	65
66	11.427	88598.147	19.41	12594.1183	184034.6965	66
67	12.530	87585.730	18.63	12087.5769	171440.5783	67
68	13.740	86488.297	17.86	11588.4681	159353.0013	68
69	15.067	85299.969	17.10	11096.3550	147764.5332	69
70	16.522	84014.739	16.36	10610.8381	136668.1782	70

71	18.234	82626.652	15.62	10131.5798	126057.3401	71
72	20.135	81120.065	14.90	9657.1295	115925.7603	72
73	22.247	79486.708	14.20	9187.0707	106268.6308	73
74	24.591	77718.395	13.51	8721.0571	97081.5601	74
75	27.194	75807.202	12.84	8258.8301	88360.5029	75
76	30.082	73745.729	12.19	7800.2357	80101.6728	76
77	33.285	71527.336	11.55	7345.2352	72301.4371	77
78	36.838	69146.520	10.93	6893.9278	64956.2020	78
79	40.777	66599.281	10.33	6446.5702	58062.2741	79
80	45.140	63883.589	9.75	6003.5936	51615.7039	80
81	49.973	60999.854	9.18	5565.6196	45612.1104	81
82	55.323	57951.485	8.64	5133.4827	40046.4907	82
83	61.241	54745.440	8.12	4708.2361	34913.0080	83
84	67.782	51392.795	7.61	4291.1658	30204.7720	84
85	75.009	47909.265	7.13	3883.7866	25913.6062	85
86	82.985	44315.640	6.67	3487.8326	22029.8195	86
87	91.780	40638.104	6.22	3105.2376	18541.9869	87
88	101.469	36908.327	5.80	2738.0951	15436.7493	88
89	112.129	33163.283	5.40	2388.6058	12698.6542	89
90	123.844	29444.711	5.02	2059.0031	10310.0485	90
91	136.699	25798.168	4.66	1751.4644	8251.0454	91
92	150.782	22271.597	4.32	1468.0018	6499.5809	92
93	166.185	18913.435	4.00	1210.3431	5031.5791	93
94	182.998	15770.302	3.69	979.8076	3821.2360	94
95	201.310	12884.369	3.41	777.1891	2841.4284	95
96	221.205	10290.622	3.14	602.6539	2064.2392	96
97	242.764	8014.281	2.89	455.6734	1461.5853	97
98	266.055	6068.701	2.66	335.0022	1005.9119	98
99	291.132	4454.095	2.45	238.7119	670.9097	99
100	318.033	3157.366	2.25	164.2867	432.1978	100
101	346.771	2153.220	2.06	108.7749	267.9111	101
102	377.330	1406.546	1.89	68.9853	159.1362	102
103	409.660	875.813	1.73	41.7040	90.1509	103
104	443.668	517.028	1.58	23.9024	48.4469	104
105	479.216	287.639	1.45	12.9104	24.5445	105
106	516.111	149.798	1.32	6.5277	11.6341	106
107	554.105	72.485	1.19	3.0667	5.1064	107
108	592.889	32.321	1.06	1.3276	2.0398	108
109	632.097	13.158	0.87	0.5247	0.7122	109
110	1000.000	4.841	0.50	0.1874	0.1874	110

CONSTANTES TABLA DE MORTALIDAD RV-85-M

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	20 < y < 70	70 < y < 110
C	1.098531565	1.112837803
G	0.999767311	0.999923115
S	0.999834258	0.998779052