

**ANEXO I - TÁBUA DE MORTALIDADE IBGE-2014
(M/F) E HUNTER/ÁLVARO VINDAS**

x	Masculina q_x/q_x^{ii}	Feminina q_x/q_x^{ii}	HUNTER AV i_x
0	0.015575	0.013160	0.000000
1	0.001002	0.000828	0.000000
2	0.000662	0.000528	0.000000
3	0.000511	0.000398	0.000000
4	0.000424	0.000325	0.000000
5	0.000366	0.000277	0.000000
6	0.000326	0.000244	0.000000
7	0.000299	0.000222	0.000000
8	0.000282	0.000207	0.000000
9	0.000276	0.000200	0.000000
10	0.000282	0.000201	0.000000
11	0.000304	0.000213	0.000000
12	0.000351	0.000249	0.000000
13	0.000435	0.000295	0.000000
14	0.000578	0.000342	0.000000
15	0.001127	0.000381	0.000575
16	0.001439	0.000432	0.000573
17	0.001724	0.000473	0.000572
18	0.001957	0.000499	0.000570
19	0.002145	0.000514	0.000569
20	0.002334	0.000528	0.000569
21	0.002517	0.000546	0.000569
22	0.002638	0.000566	0.000569
23	0.002680	0.000591	0.000570
24	0.002665	0.000618	0.000572
25	0.002622	0.000647	0.000575
26	0.002585	0.000678	0.000579
27	0.002567	0.000714	0.000583
28	0.002583	0.000756	0.000589
29	0.002627	0.000803	0.000596
30	0.002678	0.000856	0.000605
31	0.002725	0.000913	0.000615
32	0.002779	0.000970	0.000628
33	0.002840	0.001026	0.000643
34	0.002910	0.001083	0.000660
35	0.002994	0.001146	0.000681
36	0.003095	0.001221	0.000704
37	0.003215	0.001306	0.000732
38	0.003354	0.001405	0.000764
39	0.003516	0.001517	0.000801
40	0.003699	0.001640	0.000844
41	0.003905	0.001776	0.000893
42	0.004140	0.001934	0.000949
43	0.004407	0.002117	0.001014
44	0.004706	0.002322	0.001088
45	0.005032	0.002547	0.001174
46	0.005389	0.002785	0.001271
47	0.005783	0.003030	0.001383
48	0.006218	0.003279	0.001511
49	0.006694	0.003535	0.001657
50	0.007205	0.003813	0.001823
51	0.007751	0.004115	0.002014
52	0.008331	0.004438	0.002231
53	0.008945	0.004782	0.002479
54	0.009596	0.005152	0.002762
55	0.010301	0.005558	0.003085

x	Masculina q_x/q_x^{ii}	Feminina q_x/q_x^{ii}	HUNTER AV i_x
56	0.011054	0.006003	0.003452
57	0.011835	0.006481	0.003872
58	0.012638	0.006996	0.004350
59	0.013481	0.007556	0.004895
60	0.014381	0.008171	0.005516
61	0.015372	0.008854	0.006223
62	0.016484	0.009620	0.007029
63	0.017747	0.010481	0.007947
64	0.019159	0.011443	0.008993
65	0.020679	0.012492	0.010193
66	0.022322	0.013643	0.011542
67	0.024161	0.014933	0.013087
68	0.026232	0.016385	0.014847
69	0.028531	0.017999	0.016852
70	0.031009	0.019744	0.019135
71	0.033668	0.021635	0.021734
72	0.036580	0.023736	0.024695
73	0.039781	0.026079	0.028066
74	0.043279	0.028668	0.031904
75	0.047058	0.031450	0.036275
76	0.051125	0.034447	0.041252
77	0.055524	0.037759	0.046919
78	0.060285	0.041445	0.053371
79	0.065444	0.045514	0.060718
80	0.069809	0.049848	0.069084
81	0.074455	0.054368	0.078608
82	0.079424	0.059101	0.089453
83	0.084761	0.064079	0.101800
84	0.090522	0.069340	0.115859
85	0.096773	0.074928	0.131865
86	0.103595	0.080894	0.150090
87	0.111084	0.087298	0.170840
88	0.119361	0.094212	0.194465
89	0.128575	0.101726	0.221363
90	0.138914	0.109944	0.251988
91	0.150617	0.119001	0.287636
92	0.163994	0.129060	0.327420
93	0.179451	0.140329	0.372719
94	0.197534	0.153077	0.424296
95	0.218982	0.167651	0.483022
96	0.244825	0.184510	0.549889
97	0.276525	0.204275	0.626024
98	0.316201	0.227794	0.712712
99	0.366969	0.256262	0.811416
100	0.433420	0.291386	0.913801
101	0.521984	0.335663	1.000000
102	0.639778	0.392774	1.000000
103	0.786102	0.468080	1.000000
104	0.926218	0.568649	1.000000
105	0.992531	0.700100	1.000000
106	0.999938	0.851250	1.000000
107	1.000000	0.966103	1.000000
108	1.000000	0.998574	1.000000
109	1.000000	0.999998	1.000000
110	1.000000	1.000000	1.000000

ANEXO II - CUSTOS ATUARIAIS MENSAIS

SIMPS - SISTEMA MUNICIPAL DE PREVIDENCIA SOCIAL

Plano de Benefícios Definidos

Salários, Valores Atuais e Custos Atuariais em: Dezembro/16 Base de dados: Dezembro/16

Discriminação	Freqüência	Valor Médio Mensal em R\$	
Folha Salarial	359	1,951.28	
Ativos	267	2,033.53	
Aposentados	65	1,771.57	
Pensionistas	27	1,570.52	
Benefícios	Custo Médio Mensal em R\$	Custo Actuarial (%)	
Aposentadorias	87,902.70	16.16	
Pensões	35,354.04	6.50	
Auxílio Doença	10,715.07	1.97	
Salário Maternidade	2,284.43	0.42	
Salário Família	815.87	0.15	
Auxílio Reclusão	18.13	0.00	
Despesas Administrativas	8,158.68	1.50	
Total	145,248.93	26.70	
Reserva Matemática	60,192,759.40		
RMBAC	38,093,375.48		
RMBC	22,099,383.92		
Patrimônio Líquido do Fundo	14,342,686.53		
Reservas a Amortizar	45,850,072.87		
Custeio	Custos (R\$)	(%)	
Normal	145,248.93	26.70	
Especial	218,108.81	40.10	
Total	363,357.73	66.80	

(*) Custos Atuariais (%) Sobre o Total dos Salários de Contribuição

ANEXO III - RESERVAS MATEMÁTICAS

SIMPS - SISTEMA MUNICIPAL DE PREVIDENCIA SOCIAL

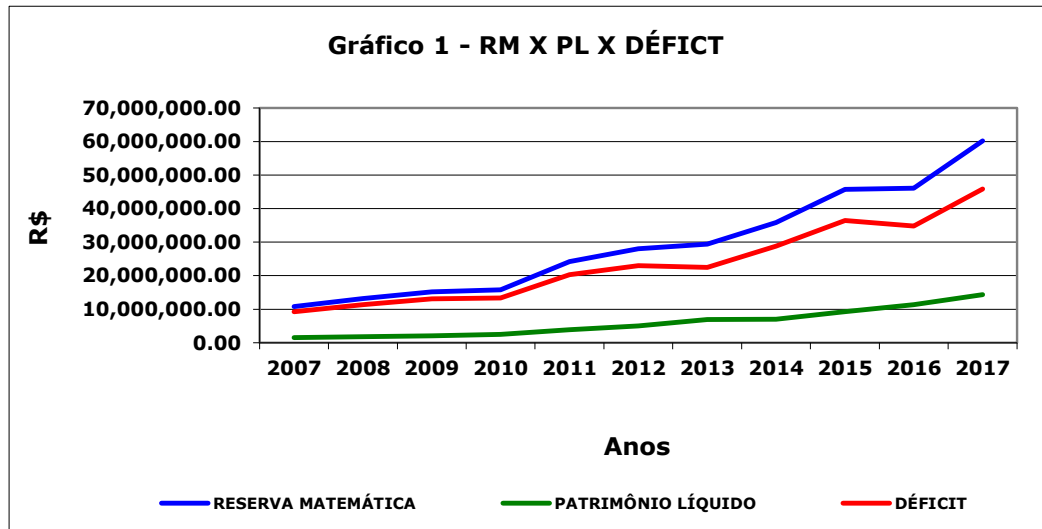
Plano de Benefícios Definidos

Reservas Matemáticas em: Dezembro/16

Base de dados: Dezembro/16

Operação	Plano de Contas		R\$
C	2.2.7.2.0.00.00	PROVISÕES MATEMÁTICAS PREVIDENCIÁRIAS A LONGO PRAZO	14,342,686.53
C	2.2.7.2.1.00.00	PROVISÕES MATEMÁTICAS PREVIDENCIÁRIAS A LONGO PRAZO - CONSOLIDAÇÃO	14,342,686.53
C	2.2.7.2.1.01.00	PLANO FINANCEIRO - PROVISÕES DE BENEFÍCIOS CONCEDIDOS	-
C	2.2.7.2.1.01.01	APOSENTADORIAS/PENSÕES/OUTROS BENEFÍCIOS CONCEDIDOS DO PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.01.02	CONTRIBUIÇÕES DO ENTE PARA O PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.01.03	CONTRIBUIÇÕES DO APOSENTADO PARA O PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.01.04	CONTRIBUIÇÕES DO PENSIONISTA PARA O PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.01.05	COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.01.06	PARCELAMENTO DE DÉBITOS PREVIDENCIÁRIOS	-
D	2.2.7.2.1.01.07	COBERTURA DE INSUFICIÊNCIA FINANCEIRA	-
C	2.2.7.2.1.02.00	PLANO FINANCEIRO - PROVISÕES DE BENEFÍCIOS A CONCEDER	-
C	2.2.7.2.1.02.01	APOSENTADORIAS/PENSÕES/OUTROS BENEFÍCIOS A CONCEDER DO PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.02.02	CONTRIBUIÇÕES DO ENTE PARA O PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.02.03	CONTRIBUIÇÕES DO SERVIDOR PARA O PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.02.04	COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO FINANCEIRO DO RPPS	-
D	2.2.7.2.1.02.05	PARCELAMENTO DE DÉBITOS PREVIDENCIÁRIOS	-
D	2.2.7.2.1.02.06	COBERTURA DE INSUFICIÊNCIA FINANCEIRA	-
C	2.2.7.2.1.03.00	PLANO PREVIDENCIÁRIO - PROVISÕES DE BENEFÍCIOS CONCEDIDOS	20,537,347.27
C	2.2.7.2.1.03.01	APOSENTADORIAS/PENSÕES/OUTROS BENEFÍCIOS CONCEDIDOS DO PLANO PREVIDENCIÁRIO DO RPPS	22,130,698.86
D	2.2.7.2.1.03.02	CONTRIBUIÇÕES DO ENTE PARA O PLANO PREVIDENCIÁRIO DO RPPS	(16,111.28)
D	2.2.7.2.1.03.03	CONTRIBUIÇÕES DO APOSENTADO PARA O PLANO PREVIDENCIÁRIO DO RPPS	(5,561.45)
D	2.2.7.2.1.03.04	CONTRIBUIÇÕES DO PENSIONISTA PARA O PLANO PREVIDENCIÁRIO DO RPPS	(9,642.20)
D	2.2.7.2.1.03.05	COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO PREVIDENCIÁRIO DO RPPS	(1,562,036.65)
D	2.2.7.2.1.03.06	PARCELAMENTO DE DÉBITOS PREVIDENCIÁRIOS DO PLANO PREVIDENCIÁRIO DO RPPS	-
C	2.2.7.2.1.04.00	PLANO PREVIDENCIÁRIO - PROVISÕES DE BENEFÍCIOS A CONCEDER	34,547,198.08
C	2.2.7.2.1.04.01	APOSENTADORIAS/PENSÕES/OUTROS BENEFÍCIOS A CONCEDER DO PLANO PREVIDENCIÁRIO DO RPPS	50,241,704.77
D	2.2.7.2.1.04.02	CONTRIBUIÇÕES DO ENTE PARA O PLANO PREVIDENCIÁRIO DO RPPS	(6,250,214.44)
D	2.2.7.2.1.04.03	CONTRIBUIÇÕES DO SERVIDOR PARA O PLANO PREVIDENCIÁRIO DO RPPS	(5,898,114.85)
D	2.2.7.2.1.04.04	COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO PREVIDENCIÁRIO DO RPPS	(3,546,177.40)
D	2.2.7.2.1.04.05	PARCELAMENTO DE DÉBITOS PREVIDENCIÁRIOS	-
D	2.2.7.2.1.05.00	PLANO PREVIDENCIÁRIO - PLANO DE AMORTIZAÇÃO	(40,741,858.82)
D	2.2.7.2.1.05.98	OUTROS CRÉDITOS DO PLANO DE AMORTIZAÇÃO	(40,741,858.82)
C	2.2.7.2.1.06.00	PROVISÕES ATUARIAIS PARA AJUSTES DO PLANO FINANCEIRO	-
C	2.2.7.2.1.06.01	PROVISÃO ATUARIAL PARA OSCILAÇÃO DE RISCOS	-
C	2.2.7.2.1.07.00	PROVISÕES ATUARIAIS PARA AJUSTES DO PLANO PREVIDENCIÁRIO	-
C	2.2.7.2.1.07.01	AJUSTE DE RESULTADO ATUARIAL SUPERAVITÁRIO	-
C	2.2.7.2.1.07.02	PROVISÃO ATUARIAL PARA OSCILAÇÃO DE RISCOS	-
C	2.2.7.2.1.07.03	PROVISÃO ATUARIAL PARA BENEFÍCIOS A REGULARIZAR	-
C	2.2.7.2.1.07.04	PROVISÃO ATUARIAL PARA CONTINGÊNCIAS DE BENEFÍCIOS	-
C	2.2.7.2.1.07.98	OUTRAS PROVISÕES ATUARIAIS PARA AJUSTES DO PLANO	-

ANEXO IV - EVOLUÇÃO DOS ÍNDICES DE COBERTURA



	2015	2016	2017
Nº de Ativos	245	235	267
Nº de Inativos	84	89	92
Alíquota Praticada	48.70%	50.20%	52.10%
Alíquota Sugerida	64.80%	65.68%	66.80%
Rendimento Atingido	12.96%	13.89%	17.50%
Meta Atuarial (INPC+6%)	12.79%	17.95%	12.97%

EXERCÍCIO	SALDO	RESERVA	DÉFICIT	ICRM (%)
2007	1,539,501.70	10,789,198.36	9,249,696.66	14.27
2008	1,834,642.69	13,171,181.00	11,336,538.31	13.93
2009	2,070,261.96	15,141,415.83	13,071,153.87	13.67
2010	2,457,496.62	17,961,219.96	15,503,723.34	15.56
2011	3,894,903.21	24,167,520.62	20,272,617.41	16.12
2012	5,012,382.09	27,987,988.99	22,975,606.90	17.91
2013	6,919,005.04	29,388,975.57	22,469,970.53	23.54
2014	6,991,729.05	35,841,528.11	28,849,799.06	19.51
2015	9,308,685.57	45,714,899.82	36,406,214.25	20.36
2016	11,351,885.61	46,123,066.73	34,771,181.12	24.61
2017	14,342,686.53	60,192,759.40	45,850,072.87	23.83

ANEXO V - PROJEÇÕES ATUARIAIS (62.76%)

Ano	Ativos	Apos.	Pens.	Inativos	Custeio	Benefícios	Aplicação	Saldo
					R\$	R\$	R\$	R\$
2016	267	65	27	92	3,180,198.31	2,115,512.94	1,997,557.34	13,806,018.64
2017	267	73	27	100	4,468,300.26	2,263,728.20	828,361.12	16,838,951.82
2018	267	78	28	106	5,130,815.82	2,434,811.73	1,010,337.11	20,545,293.01
2019	267	83	29	112	5,185,800.06	2,610,241.91	1,232,717.58	24,353,568.73
2020	267	87	30	117	5,270,279.46	2,765,759.47	1,461,214.12	28,319,302.84
2021	267	91	30	121	5,353,919.47	2,903,233.34	1,699,158.17	32,469,147.14
2022	267	99	31	130	5,451,101.58	3,166,343.15	1,948,148.83	36,702,054.41
2023	267	113	32	145	5,565,186.34	3,588,557.52	2,202,123.26	40,880,806.49
2024	267	123	33	156	5,671,101.41	3,919,014.08	2,452,848.39	45,085,742.21
2025	267	129	34	163	5,768,451.53	4,153,619.44	2,705,144.53	49,405,718.83
2026	267	134	35	169	5,864,769.62	4,367,560.05	2,964,343.13	53,867,271.53
2027	267	146	36	182	5,981,439.54	4,774,529.45	3,232,036.29	58,306,217.91
2028	267	150	38	188	6,080,869.92	4,998,467.36	3,498,373.07	62,886,993.55
2029	267	161	39	200	6,198,781.05	5,396,427.55	3,773,219.61	67,462,566.66
2030	267	165	40	205	6,299,216.77	5,608,697.59	4,047,754.00	72,200,839.84
2031	267	177	41	218	6,423,946.60	6,052,819.53	4,332,050.39	76,904,017.30
2032	267	182	42	224	6,530,796.93	6,306,901.97	4,614,241.04	81,742,153.31
2033	267	190	43	233	6,648,131.46	6,654,424.45	4,904,529.20	86,640,389.52
2034	267	203	45	248	6,784,883.36	7,184,559.16	5,198,423.37	91,439,137.09
2035	267	206	46	252	6,891,509.41	7,401,712.01	5,486,348.23	96,415,282.72
2036	267	207	47	254	6,993,708.80	7,562,710.77	5,784,916.96	101,631,197.72
2037	267	212	48	260	7,109,754.86	7,850,122.28	6,097,871.86	106,988,702.17
2038	267	212	49	261	7,212,044.40	7,987,745.89	6,419,322.13	112,632,322.81
2039	267	213	51	264	7,321,786.65	8,187,502.77	6,757,939.37	118,524,546.06
2040	267	214	52	266	7,430,338.03	8,362,783.69	7,111,472.76	124,703,573.16
2041	267	217	53	270	7,547,014.55	8,606,572.66	7,482,214.39	131,126,229.44
2042	267	221	54	275	7,668,807.82	8,888,607.51	7,867,573.77	137,774,003.51
2043	267	221	55	276	7,779,123.66	9,042,765.56	8,266,440.21	144,776,801.83
2044	267	218	56	274	7,880,828.23	9,097,524.77	8,686,608.11	152,246,713.39
2045	267	219	58	277	8,000,698.38	9,320,467.93	9,134,802.80	160,061,746.64
2046	267	222	59	281	8,233,432.00	9,586,786.03	9,603,704.80	163,902,097.42
2047	267	225	60	285	8,890,714.15	9,858,734.22	9,834,125.84	167,768,203.19
2048	267	229	61	290	3,962,724.56	10,172,352.83	10,066,092.19	171,624,667.11
2049	267	232	62	294	4,032,345.16	10,456,382.48	10,297,480.03	175,498,109.82
2050	267	235	63	298	4,103,138.71	10,746,371.19	10,529,886.59	179,384,763.93
2051	267	239	64	303	4,178,870.95	11,079,895.49	10,763,085.84	183,246,825.23
2052	267	241	65	306	4,248,321.76	11,344,672.42	10,994,809.51	187,145,284.08
2053	267	244	66	310	4,322,750.58	11,653,213.18	11,228,717.04	191,043,538.53

Ano	Ativos	Apos.	Pens.	Inativos	Custeio	Benefícios	Aplicação	Saldo
					R\$	R\$	R\$	R\$
2054	267	247	67	314	4,398,431.01	11,968,169.53	11,462,612.31	194,936,412.31
2055	267	250	68	318	4,475,383.50	12,289,660.63	11,696,184.74	198,818,319.92
2056	267	253	69	322	4,553,628.83	12,617,807.72	11,929,099.20	202,683,240.22
2057	267	256	70	326	4,633,188.13	12,952,734.15	12,160,994.41	206,524,688.62
2058	267	258	71	329	4,709,953.36	13,253,270.61	12,391,481.32	210,372,852.69
2059	267	261	72	333	4,792,147.48	13,601,556.30	12,622,371.16	214,185,815.03
2060	267	263	73	336	4,871,474.24	13,914,537.18	12,851,148.90	217,993,900.99
2061	267	266	74	340	4,956,388.51	14,276,669.22	13,079,634.06	221,753,254.35
2062	267	268	76	344	5,042,230.41	14,641,259.40	13,305,195.26	225,459,420.62
2063	267	270	77	347	5,125,580.32	14,974,016.01	13,527,565.24	229,138,550.17
2064	267	272	77	349	5,206,296.68	15,273,426.81	13,748,313.01	232,819,733.05
2065	267	274	78	352	5,292,303.80	15,618,636.61	13,969,183.98	236,462,584.22
2066	267	277	79	356	3,782,647.09	16,016,671.63	14,187,755.05	238,416,314.73
2067	267	279	80	359	3,835,584.93	16,375,991.30	14,304,978.88	240,180,887.24
2068	267	281	81	362	3,889,263.90	16,742,232.66	14,410,853.23	241,738,771.71
2069	267	283	82	365	3,943,694.37	17,115,519.08	14,504,326.30	243,071,273.31
2070	267	285	83	368	3,998,886.88	17,495,976.04	14,584,276.40	244,158,460.55
2071	267	287	84	371	4,054,852.08	17,883,731.15	14,649,507.63	244,979,089.11
2072	267	289	85	374	4,111,600.79	18,278,914.19	14,698,745.35	245,510,521.05
2073	267	290	85	375	4,169,143.98	18,585,689.37	14,730,631.26	245,824,606.92
2074	267	292	86	378	4,227,492.78	18,994,782.92	14,749,476.42	245,806,793.19
2075	267	294	87	381	4,286,658.46	19,411,688.29	14,748,407.59	245,430,170.95
2076	267	295	88	383	4,346,652.46	19,783,507.05	14,725,810.26	244,719,126.62
2077	267	296	89	385	4,407,486.37	20,161,932.03	14,683,147.60	243,647,828.56
2078	267	298	89	387	4,469,171.97	20,553,263.92	14,618,869.71	242,182,606.31
2079	267	299	90	389	4,531,721.16	20,945,326.16	14,530,956.38	240,299,957.69
2080	267	301	91	392	4,595,146.03	21,400,407.71	14,417,997.46	237,912,693.48
2081	267	303	92	395	4,659,458.86	21,864,126.26	14,274,761.61	234,982,787.68
2082	267	304	92	396	4,724,672.07	22,227,875.00	14,098,967.26	231,578,552.01
2083	267	305	93	398	4,790,798.26	22,649,347.34	13,894,713.12	227,614,716.05
2084	267	307	94	401	4,857,850.21	23,137,540.74	13,656,882.96	222,991,908.49
2085	267	308	94	402	4,925,840.90	23,521,572.67	13,379,514.51	217,775,691.24
2086	267	309	95	404	4,994,783.45	23,965,853.77	13,066,541.47	211,871,162.39
2087	267	311	96	407	5,064,691.20	24,479,765.64	12,712,269.74	205,168,357.69
2088	267	312	97	409	5,135,577.66	24,940,703.40	12,310,101.46	197,673,333.42
2089	267	313	97	410	5,207,456.53	25,353,416.92	10,872,033.34	188,399,406.37
2090	267	314	98	412	5,280,341.71	25,829,919.15	10,361,967.35	178,211,796.28
2091	267	315	99	414	5,354,247.27	26,314,794.18	9,801,648.80	167,052,898.16

ANEXO VI

CORONEL BICACO

RELATÓRIO RESUMIDO DA EXECUÇÃO ORÇAMENTÁRIA
 DEMONSTRATIVO DA PROJEÇÃO ATUARIAL DO REGIME PRÓPRIO DE
 PREVIDÊNCIA DOS SERVIDORES
 ORÇAMENTO DA SEGURIDADE SOCIAL
(2016 – 2090)

RREO - ANEXO XIII (LRF, art. 53, §1º, inciso II)

EXERCÍCIO	RECEITAS PREVIDENCIÁRIAS (a)	DESPESAS PREVIDENCIÁRIAS (b)	RESULTADO PREVIDENCIÁRIO (c) = (a-b)	SALDO FINANCEIRO DO EXERCÍCIO (d)=(“d” Exercício Anterior)+(c)
2016	5,177,755.65	2,115,512.94	3,062,242.71	13,806,018.64
2017	5,296,661.38	2,263,728.20	3,032,933.18	16,838,951.82
2018	6,141,152.93	2,434,811.73	3,706,341.19	20,545,293.01
2019	6,418,517.64	2,610,241.91	3,808,275.72	24,353,568.73
2020	6,731,493.58	2,765,759.47	3,965,734.11	28,319,302.84
2021	7,053,077.64	2,903,233.34	4,149,844.31	32,469,147.14
2022	7,399,250.41	3,166,343.15	4,232,907.26	36,702,054.41
2023	7,767,309.61	3,588,557.52	4,178,752.09	40,880,806.49
2024	8,123,949.80	3,919,014.08	4,204,935.72	45,085,742.21
2025	8,473,596.06	4,153,619.44	4,319,976.62	49,405,718.83
2026	8,829,112.75	4,367,560.05	4,461,552.70	53,867,271.53
2027	9,213,475.83	4,774,529.45	4,438,946.38	58,306,217.91
2028	9,579,243.00	4,998,467.36	4,580,775.64	62,886,993.55
2029	9,972,000.66	5,396,427.55	4,575,573.11	67,462,566.66
2030	10,346,970.77	5,608,697.59	4,738,273.18	72,200,839.84
2031	10,755,996.99	6,052,819.53	4,703,177.46	76,904,017.30
2032	11,145,037.97	6,306,901.97	4,838,136.01	81,742,153.31
2033	11,552,660.66	6,654,424.45	4,898,236.21	86,640,389.52
2034	11,983,306.73	7,184,559.16	4,798,747.57	91,439,137.09
2035	12,377,857.63	7,401,712.01	4,976,145.63	96,415,282.72
2036	12,778,625.77	7,562,710.77	5,215,915.00	101,631,197.72
2037	13,207,626.73	7,850,122.28	5,357,504.45	106,988,702.17
2038	13,631,366.53	7,987,745.89	5,643,620.64	112,632,322.81
2039	14,079,726.02	8,187,502.77	5,892,223.25	118,524,546.06
2040	14,541,810.80	8,362,783.69	6,179,027.10	124,703,573.16
2041	15,029,228.94	8,606,572.66	6,422,656.28	131,126,229.44
2042	15,536,381.58	8,888,607.51	6,647,774.07	137,774,003.51
2043	16,045,563.87	9,042,765.56	7,002,798.32	144,776,801.83
2044	16,567,436.34	9,097,524.77	7,469,911.56	152,246,713.39
2045	17,135,501.19	9,320,467.93	7,815,033.26	160,061,746.64
2046	13,427,136.80	9,586,786.03	3,840,350.77	163,902,097.42
2047	13,724,840.00	9,858,734.22	3,866,105.77	167,768,203.19
2048	14,028,816.76	10,172,352.83	3,856,463.93	171,624,667.11
2049	14,329,825.19	10,456,382.48	3,873,442.71	175,498,109.82
2050	14,633,025.30	10,746,371.19	3,886,654.11	179,384,763.93
2051	14,941,956.78	11,079,895.49	3,862,061.29	183,246,825.23
2052	15,243,131.27	11,344,672.42	3,898,458.86	187,145,284.08
2053	15,551,467.63	11,653,213.18	3,898,254.44	191,043,538.53

EXERCÍCIO	RECEITAS PREVIDENCIÁRIAS (a)	DESPESAS PREVIDENCIÁRIAS (b)	RESULTADO PREVIDENCIÁRIO (c) = (a-b)	SALDO FINANCEIRO DO EXERCÍCIO (d)=(“d” Exercício Anterior)+(c)
2054	15,861,043.32	11,968,169.53	3,892,873.79	194,936,412.31
2055	16,171,568.24	12,289,660.63	3,881,907.60	198,818,319.92
2056	16,482,728.03	12,617,807.72	3,864,920.31	202,683,240.22
2057	16,794,182.54	12,952,734.15	3,841,448.39	206,524,688.62
2058	17,101,434.68	13,253,270.61	3,848,164.07	210,372,852.69
2059	17,414,518.64	13,601,556.30	3,812,962.34	214,185,815.03
2060	17,722,623.14	13,914,537.18	3,808,085.96	217,993,900.99
2061	18,036,022.57	14,276,669.22	3,759,353.35	221,753,254.35
2062	18,347,425.68	14,641,259.40	3,706,166.27	225,459,420.62
2063	18,653,145.56	14,974,016.01	3,679,129.55	229,138,550.17
2064	18,954,609.69	15,273,426.81	3,681,182.88	232,819,733.05
2065	19,261,487.79	15,618,636.61	3,642,851.17	236,462,584.22
2066	17,970,402.14	16,016,671.63	1,953,730.51	238,416,314.73
2067	18,140,563.81	16,375,991.30	1,764,572.51	240,180,887.24
2068	18,300,117.13	16,742,232.66	1,557,884.47	241,738,771.71
2069	18,448,020.68	17,115,519.08	1,332,501.60	243,071,273.31
2070	18,583,163.28	17,495,976.04	1,087,187.24	244,158,460.55
2071	18,704,359.71	17,883,731.15	820,628.56	244,979,089.11
2072	18,810,346.13	18,278,914.19	531,431.94	245,510,521.05
2073	18,899,775.24	18,585,689.37	314,085.87	245,824,606.92
2074	18,976,969.19	18,994,782.92	-17,813.73	245,806,793.19
2075	19,035,066.05	19,411,688.29	-376,622.24	245,430,170.95
2076	19,072,462.72	19,783,507.05	-711,044.33	244,719,126.62
2077	19,090,633.97	20,161,932.03	-1,071,298.06	243,647,828.56
2078	19,088,041.68	20,553,263.92	-1,465,222.24	242,182,606.31
2079	19,062,677.53	20,945,326.16	-1,882,648.62	240,299,957.69
2080	19,013,143.50	21,400,407.71	-2,387,264.21	237,912,693.48
2081	18,934,220.47	21,864,126.26	-2,929,905.79	234,982,787.68
2082	18,823,639.33	22,227,875.00	-3,404,235.67	231,578,552.01
2083	18,685,511.38	22,649,347.34	-3,963,835.96	227,614,716.05
2084	18,514,733.18	23,137,540.74	-4,622,807.56	222,991,908.49
2085	18,305,355.41	23,521,572.67	-5,216,217.26	217,775,691.24
2086	18,061,324.93	23,965,853.77	-5,904,528.85	211,871,162.39
2087	17,776,960.95	24,479,765.64	-6,702,804.70	205,168,357.69
2088	17,445,679.13	24,940,703.40	-7,495,024.28	197,673,333.42
2089	16,079,489.87	25,353,416.92	-9,273,927.05	188,399,406.37
2090	15,642,309.06	25,829,919.15	-10,187,610.10	178,211,796.28

Notas:

¹ Projeção atuarial elaborada em 31/12/2016 e oficialmente enviada para o Ministério da Previdência Social – MPS.

² Este demonstrativo utiliza as seguintes hipóteses:

Financeiras - Taxa de Juros de 6%, Crescimento Salarial de 1,4% e Compensação Financeira correspondente a um percentual de até 10% da Reserva Matemática.

Biométricas - Tábua de Mortalidade IBGE-2014 (Sobrevivência de Válidos e Inválidos) e Tábua de Entrada em Invalidez Álvaro Vindas.

Demográficas - A **População** está baseada em informações individuais de Servidores Estatutários Ativos, Aposentados, Pensionistas e Dependentes. O **Compromisso Médio Familiar do Segurado** foi calculado individualmente, levando em conta a data de nascimento do dependente com expectativa de benefício vitalício ou a data de nascimento do dependente com expectativa de benefício por maior tempo. A **Rotatividade** foi desconsiderada e os **Novos Entrandos** não foi adotado para efeito de determinação do Custeio ou das Reservas.

Fonte: Avaliação Atuarial 2016

ANEXO VII

HISTÓRICO DE RESULTADOS DE AVALIAÇÕES ATUARIAIS CSM

CSM - CÁLCULOS ATUARIAIS CORONEL BICACO					
DATA	ANO DE REFERÊNCIA	RESULTADO (1)	D/S (2)	ALÍQUOTAS DE EQUILÍBRIO (3)	
				NORMAL	SUPLEMENTAR
10/18/2007	2007	7,355,994.98	D	22.00%	11.68%
7/24/2008	2008	10,027,322.92	D	22.00%	14.32%
8/12/2009	2009	11,090,218.70	D	22.00%	14.32%
6/8/2010	2010	11,858,566.06	D	22.00%	22.60%
2/4/2011	2011	17,205,827.45	D	23.90%	27.70%
3/21/2012	2012	19,588,546.40	D	23.90%	31.20%
5/21/2013	2013	18,937,232.29	D	23.90%	34.10%
4/29/2014	2014	24,607,495.87	D	25.20%	34.70%
7/13/2015	2015	31,182,505.61	D	26.70%	38.10%
12/1/2016	2016	29,672,857.15	D	26.70%	38.98%
9/22/2017	2017	40,741,858.82	D	26.70%	40.10%

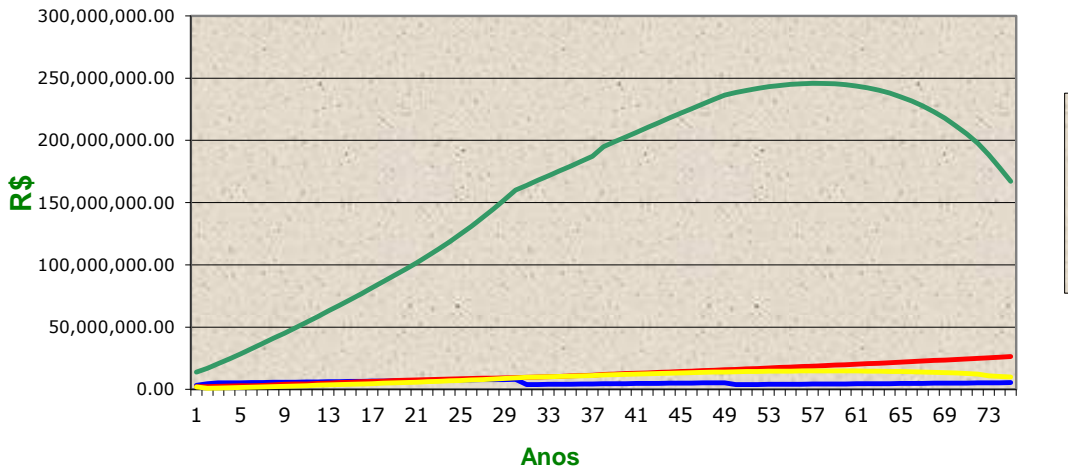
- (1) Resultado apurado (valor do déficit ou superávit).
- (2) Déficit (D) ou Superávit (S).
- (3) Alíquotas de equilíbrio apuradas.

ANEXO VIII - EVOLUÇÃO DAS PROVISÕES MATEMÁTICAS





(k)	Mês	2.2.7.2.1.03.00	2.2.7.2.1.03.01	2.2.7.2.1.03.02	2.2.7.2.1.03.03	2.2.7.2.1.03.04	2.2.7.2.1.03.05	2.2.7.2.1.03.06
		PLANO PREVIDENCIÁRIO - PROVISÕES DE BENEFÍCIOS CONCEDIDOS	APOSENTADORIAS / PENSÕES / OUTROS BENEFÍCIOS CONCEDIDOS DO PLANO PREVIDENCIÁRIO DO RPPS	(-) CONTRIBUIÇÕES DO ENTE PARA O PLANO PREVIDENCIÁRIO DO RPPS	(-) CONTRIBUIÇÕES DO INATIVO PARA O PLANO PREVIDENCIÁRIO DO RPPS	(-) CONTRIBUIÇÕES DO PENSIONISTA PARA O PLANO PREVIDENCIÁRIO DO RPPS	(-) COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO PREVIDENCIÁRIO DO RPPS	(-) PARCELAMENTO DE DÉBITOS PREVIDENCIÁRIOS DO PLANO PREVIDENCIÁRIO DO RPPS
0	Dec-16	20,537,347.27	22,130,698.86	(16,111.28)	(5,561.45)	(9,642.20)	(1,562,036.65)	-
1	Jan-17	20,621,665.12	22,232,072.05	(16,402.62)	(5,664.59)	(9,813.95)	(1,578,525.77)	-
2	Feb-17	20,705,982.97	22,333,445.25	(16,693.96)	(5,767.73)	(9,985.70)	(1,595,014.89)	-
3	Mar-17	20,790,300.81	22,434,818.44	(16,985.31)	(5,870.87)	(10,157.44)	(1,611,504.01)	-
4	Apr-17	20,874,618.66	22,536,191.63	(17,276.65)	(5,974.01)	(10,329.19)	(1,627,993.13)	-
5	May-17	20,958,936.51	22,637,564.83	(17,567.99)	(6,077.15)	(10,500.94)	(1,644,482.25)	-
6	Jun-17	21,043,254.36	22,738,938.02	(17,859.33)	(6,180.29)	(10,672.68)	(1,660,971.36)	-
7	Jul-17	21,127,572.20	22,840,311.21	(18,150.67)	(6,283.43)	(10,844.43)	(1,677,460.48)	-
8	Aug-17	21,211,890.05	22,941,684.40	(18,442.01)	(6,386.57)	(11,016.17)	(1,693,949.60)	-
9	Sep-17	21,296,207.90	23,043,057.60	(18,733.36)	(6,489.70)	(11,187.92)	(1,710,438.72)	-
10	Oct-17	21,380,525.74	23,144,430.79	(19,024.70)	(6,592.84)	(11,359.67)	(1,726,927.84)	-
11	Nov-17	21,464,843.59	23,245,803.98	(19,316.04)	(6,695.98)	(11,531.41)	(1,743,416.96)	-
12	Dec-17	21,549,161.44	23,347,177.18	(19,607.38)	(6,799.12)	(11,703.16)	(1,759,906.08)	-

(k)	Mês	2.2.7.2.1.04.00	2.2.7.2.1.04.01	2.2.7.2.1.04.02	2.2.7.2.1.04.03	2.2.7.2.1.04.04	2.2.7.2.1.04.05	2.2.7.2.1.05.00	2.2.7.2.1.05.98
		PLANO PREVIDENCIÁRIO - PROVISÕES DE BENEFÍCIOS A CONCEDER	APOSENTADORIAS / PENSÕES / OUTROS BENEFÍCIOS A CONCEDER DO PLANO PREVIDENCIÁRIO DO RPPS	(-) CONTRIBUIÇÕES DO ENTE PARA O PLANO PREVIDENCIÁRIO DO RPPS	(-) CONTRIBUIÇÕES DO ATIVO PARA O PLANO PREVIDENCIÁRIO DO RPPS	(-) COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO PREVIDENCIÁRIO DO RPPS	(-) PARCELAMENTO DE DÉBITOS PREVIDENCIÁRIOS	PLANO PREVIDENCIÁRIO - PLANO DE AMORTIZAÇÃO	(-) OUTROS CRÉDITOS DO PLANO DE AMORTIZAÇÃO
0	Dec-16	34,547,198.08	50,241,704.77	(6,250,214.44)	(5,898,114.85)	(3,546,177.40)	-	(40,741,858.82)	(40,741,858.82)
1	Jan-17	34,911,884.06	50,905,357.05	(6,384,783.40)	(6,025,078.15)	(3,583,611.44)	-	(40,757,685.58)	(40,757,685.58)
2	Feb-17	35,276,570.04	51,569,009.34	(6,519,352.37)	(6,152,041.45)	(3,621,045.48)	-	(40,773,512.35)	(40,773,512.35)
3	Mar-17	35,641,256.02	52,232,661.62	(6,653,921.33)	(6,279,004.75)	(3,658,479.52)	-	(40,789,339.11)	(40,789,339.11)
4	Apr-17	36,005,942.00	52,896,313.90	(6,788,490.30)	(6,405,968.05)	(3,695,913.56)	-	(40,805,165.87)	(40,805,165.87)
5	May-17	36,370,627.98	53,559,966.19	(6,923,059.26)	(6,532,931.35)	(3,733,347.60)	-	(40,820,992.64)	(40,820,992.64)
6	Jun-17	36,735,313.96	54,223,618.47	(7,057,628.22)	(6,659,894.64)	(3,770,781.64)	-	(40,836,819.40)	(40,836,819.40)
7	Jul-17	37,099,999.94	54,887,270.76	(7,192,197.19)	(6,786,857.94)	(3,808,215.68)	-	(40,852,646.17)	(40,852,646.17)
8	Aug-17	37,464,685.93	55,550,923.04	(7,326,766.15)	(6,913,821.24)	(3,845,649.72)	-	(40,868,472.93)	(40,868,472.93)
9	Sep-17	37,829,371.91	56,214,575.32	(7,461,335.12)	(7,040,784.54)	(3,883,083.76)	-	(40,884,299.70)	(40,884,299.70)
10	Oct-17	38,194,057.89	56,878,227.61	(7,595,904.08)	(7,167,747.84)	(3,920,517.80)	-	(40,900,126.46)	(40,900,126.46)
11	Nov-17	38,558,743.87	57,541,879.89	(7,730,473.04)	(7,294,711.14)	(3,957,951.84)	-	(40,915,953.22)	(40,915,953.22)
12	Dec-17	38,923,429.85	58,205,532.17	(7,865,042.01)	(7,421,674.44)	(3,995,385.88)	-	(40,931,779.99)	(40,931,779.99)

Projeção Atuarial de Receitas e Despesas do Município de Coronel Bicaco/RS ao Longo de 75 anos



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-  Custeio
-  Benefícios
-  Aplicação
-  Saldo