

**ANEXO I - TÁBUA DE MORTALIDADE IBGE-2015
(M/F) E HUNTER/ÁLVARO VINDAS**

x	Masculina q_x/q_x^{ii}	Feminina q_x/q_x^{ii}	HUNTER AV i_x
0	0.014933	0.012652	0.000000
1	0.000972	0.000821	0.000000
2	0.000641	0.000517	0.000000
3	0.000495	0.000387	0.000000
4	0.000410	0.000314	0.000000
5	0.000354	0.000266	0.000000
6	0.000316	0.000234	0.000000
7	0.000289	0.000212	0.000000
8	0.000273	0.000197	0.000000
9	0.000267	0.000190	0.000000
10	0.000273	0.000192	0.000000
11	0.000296	0.000203	0.000000
12	0.000342	0.000239	0.000000
13	0.000425	0.000285	0.000000
14	0.000564	0.000331	0.000000
15	0.001100	0.000371	0.000575
16	0.001405	0.000422	0.000573
17	0.001683	0.000463	0.000572
18	0.001911	0.000489	0.000570
19	0.002095	0.000505	0.000569
20	0.002279	0.000519	0.000569
21	0.002458	0.000538	0.000569
22	0.002576	0.000557	0.000569
23	0.002618	0.000580	0.000570
24	0.002603	0.000605	0.000572
25	0.002562	0.000632	0.000575
26	0.002527	0.000661	0.000579
27	0.002508	0.000694	0.000583
28	0.002523	0.000734	0.000589
29	0.002564	0.000778	0.000596
30	0.002611	0.000829	0.000605
31	0.002655	0.000884	0.000615
32	0.002707	0.000939	0.000628
33	0.002768	0.000994	0.000643
34	0.002841	0.001052	0.000660
35	0.002927	0.001117	0.000681
36	0.003029	0.001192	0.000704
37	0.003148	0.001277	0.000732
38	0.003283	0.001375	0.000764
39	0.003438	0.001485	0.000801
40	0.003612	0.001606	0.000844
41	0.003811	0.001740	0.000893
42	0.004039	0.001895	0.000949
43	0.004301	0.002074	0.001014
44	0.004595	0.002276	0.001088
45	0.004917	0.002497	0.001174
46	0.005268	0.002731	0.001271
47	0.005655	0.002971	0.001383
48	0.006082	0.003214	0.001511
49	0.006547	0.003465	0.001657
50	0.007049	0.003735	0.001823
51	0.007584	0.004031	0.002014
52	0.008153	0.004347	0.002231
53	0.008756	0.004687	0.002479
54	0.009395	0.005053	0.002762
55	0.010087	0.005455	0.003085

x	Masculina q_x/q_x^{ii}	Feminina q_x/q_x^{ii}	HUNTER AV i_x
56	0.010827	0.005894	0.003452
57	0.011596	0.006365	0.003872
58	0.012390	0.006869	0.004350
59	0.013224	0.007416	0.004895
60	0.014117	0.008015	0.005516
61	0.015099	0.008683	0.006223
62	0.016197	0.009432	0.007029
63	0.017435	0.010277	0.007947
64	0.018816	0.011221	0.008993
65	0.020301	0.012251	0.010193
66	0.021909	0.013381	0.011542
67	0.023716	0.014649	0.013087
68	0.025760	0.016076	0.014847
69	0.028036	0.017664	0.016852
70	0.030490	0.019380	0.019135
71	0.033123	0.021241	0.021734
72	0.036003	0.023308	0.024695
73	0.039166	0.025615	0.028066
74	0.042619	0.028163	0.031904
75	0.046348	0.030901	0.036275
76	0.050360	0.033850	0.041252
77	0.054704	0.037112	0.046919
78	0.059412	0.040745	0.053371
79	0.064518	0.044756	0.060718
80	0.068865	0.049036	0.069084
81	0.073488	0.053497	0.078608
82	0.078427	0.058164	0.089453
83	0.083727	0.063069	0.101800
84	0.089443	0.068248	0.115859
85	0.095638	0.073744	0.131865
86	0.102391	0.079605	0.150090
87	0.109796	0.085889	0.170840
88	0.117970	0.092666	0.194465
89	0.127058	0.100019	0.221363
90	0.137241	0.108051	0.251988
91	0.148751	0.116888	0.287636
92	0.161886	0.126685	0.327420
93	0.177037	0.137640	0.372719
94	0.194726	0.150004	0.424296
95	0.215662	0.164103	0.483022
96	0.240826	0.180368	0.549889
97	0.271608	0.199375	0.626024
98	0.310017	0.221912	0.712712
99	0.359004	0.249078	0.811416
100	0.422923	0.282441	0.913801
101	0.507948	0.324280	1.000000
102	0.621333	0.377955	1.000000
103	0.764590	0.448395	1.000000
104	0.909703	0.542346	1.000000
105	0.988463	0.666473	1.000000
106	0.999849	0.816057	1.000000
107	1.000000	0.946500	1.000000
108	1.000000	0.996247	1.000000
109	1.000000	0.999985	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/17 Base de dados: Dezembro/17

Discriminação	Freqüência	Valor Médio Mensal em R\$	
Folha Salarial	397	1,725.16	
Ativos	296	1,696.41	
Aposentados	71	1,893.89	
Pensionistas	30	1,609.51	
Benefícios	Custo Médio Mensal em R\$	Custo Atuarial (%)	
Aposentadorias	85,681.68	17.03	
Pensões	21,205.23	4.21	
Auxílio Doença	10,417.45	2.07	
Salário Maternidade	2,063.36	0.41	
Salário Família	956.19	0.19	
Auxílio Reclusão	0.00	0.00	
Despesas Administrativas	10,065.17	2.00	
Total	130,389.09	25.91	
Reserva Matemática	57,079,675.62		
RMBAC	31,622,144.02		
RMBC	25,457,531.59		
Patrimônio Líquido do Fundo	18,177,843.40		
Reservas a Amortizar	38,901,832.22		
Custeio	Custos (R\$)	(%)	
Normal	130,389.09	25.91	
Especial	201,806.70	40.10	
Total	332,195.79	66.01	

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

ANEXO III - RESERVAS MATEMÁTICAS

SIMPS - SISTEMA MUNICIPAL DE PREVIDENCIA SOCIAL

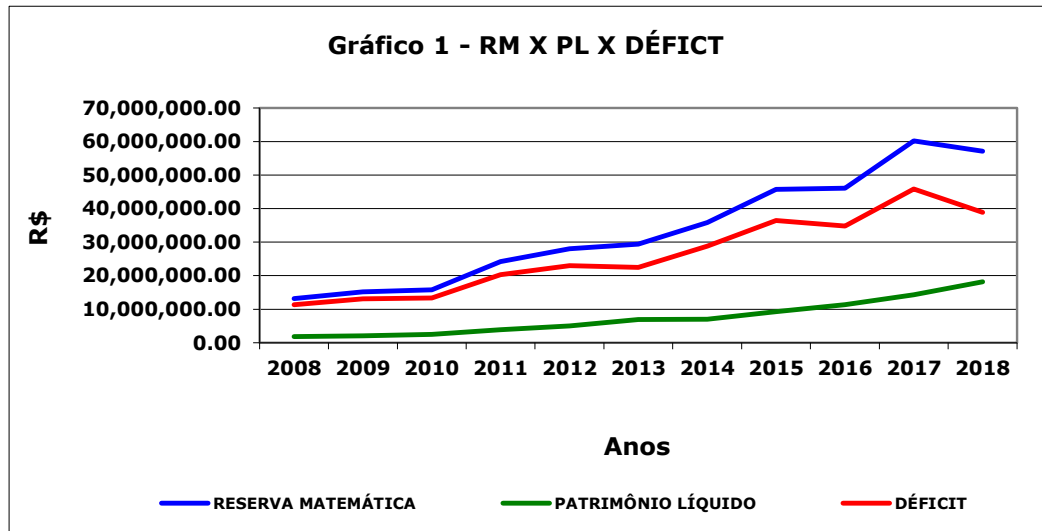
Plano de Benefícios Definidos

Reservas Matemáticas em: Dezembro/17

Base de dados: Dezembro/17

Operação	Plano de Contas		R\$
C	2.2.7.2.0.00.00	PROVISÕES MATEMÁTICAS PREVIDENCIÁRIAS A LONGO PRAZO	17,492,437.65
C	2.2.7.2.1.00.00	PROVISÕES MATEMÁTICAS PREVIDENCIÁRIAS A LONGO PRAZO - CONSOLIDAÇÃO	17,492,437.65
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	23,173,524.27
C	2.2.7.2.1.03.01	APOSENTADORIAS/PENSÕES/OUTROS BENEFÍCIOS CONCEDIDOS DO PLANO PREVIDENCIÁRIO DO RPPS	25,492,424.46
D	2.2.7.2.1.03.02	CONTRIBUIÇÕES DO ENTE PARA O PLANO PREVIDENCIÁRIO DO RPPS	(17,470.19)
D	2.2.7.2.1.03.03	CONTRIBUIÇÕES DO APOSENTADO PARA O PLANO PREVIDENCIÁRIO DO RPPS	(6,885.73)
D	2.2.7.2.1.03.04	CONTRIBUIÇÕES DO PENSIONISTA PARA O PLANO PREVIDENCIÁRIO DO RPPS	(10,536.94)
D	2.2.7.2.1.03.05	COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO PREVIDENCIÁRIO DO RPPS	(2,284,007.33)
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	27,118,854.36
C	2.2.7.2.1.04.01	APOSENTADORIAS/PENSÕES/OUTROS BENEFÍCIOS A CONCEDER DO PLANO PREVIDENCIÁRIO DO RPPS	42,612,436.50
D	2.2.7.2.1.04.02	CONTRIBUIÇÕES DO ENTE PARA O PLANO PREVIDENCIÁRIO DO RPPS	(5,502,629.42)
D	2.2.7.2.1.04.03	CONTRIBUIÇÕES DO SERVIDOR PARA O PLANO PREVIDENCIÁRIO DO RPPS	(5,487,663.06)
D	2.2.7.2.1.04.04	COMPENSAÇÃO PREVIDENCIÁRIA DO PLANO PREVIDENCIÁRIO DO RPPS	(3,817,883.91)
D	2.2.7.2.1.04.05	PARCELAMENTO DE DÉBITOS PREVIDENCIÁRIOS	(685,405.75)
D	2.2.7.2.1.05.00	PLANO PREVIDENCIÁRIO - PLANO DE AMORTIZAÇÃO	(32,799,940.98)
D	2.2.7.2.1.05.98	OUTROS CRÉDITOS DO PLANO DE AMORTIZAÇÃO	(32,799,940.98)
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



	2016	2017	2018
Nº de Ativos	235	267	296
Nº de Inativos	89	92	101
Alíquota Praticada	50.20%	52.10%	54.00%
Alíquota Sugerida	65.68%	66.80%	66.01%
Rendimento Atingido	13.89%	17.50%	13.09%
Meta Atuarial (INPC+6%)	17.95%	12.97%	8.19%

EXERCÍCIO	SALDO	RESERVA	DÉFICIT	ICRM (%)
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	15,796,121.96	13,338,625.34	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
2018	18,177,843.40	57,079,675.62	38,901,832.22	31.85

ANEXO V - PROJEÇÕES ATUARIAIS (61.34%)

Ano	Ativos	Apos.	Pens.	Inativos	Custeio	Benefícios	Aplicação	Saldo
					R\$	R\$	R\$	R\$
2017	296	71	30	101	7,252,402.21	2,589,288.16	1,942,944.36	17,492,437.65
2018	296	82	30	112	4,200,748.77	2,683,650.05	1,049,546.26	20,059,082.63
2019	296	88	30	118	5,158,543.29	2,873,109.90	1,203,544.96	23,548,060.97
2020	296	90	31	121	5,249,028.75	2,986,486.64	1,412,883.66	27,223,486.74
2021	296	93	31	124	5,342,014.14	3,106,383.16	1,633,409.20	31,092,526.93
2022	296	101	32	133	5,475,173.31	3,383,446.15	1,865,551.62	35,049,805.70
2023	296	116	33	149	5,657,848.53	3,854,995.35	2,102,988.34	38,955,647.23
2024	296	122	33	155	5,777,741.69	4,071,788.15	2,337,338.83	42,998,939.61
2025	296	128	34	162	5,905,729.53	4,317,280.76	2,579,936.38	47,167,324.75
2026	296	132	34	166	6,016,289.61	4,489,331.90	2,830,039.49	51,524,321.94
2027	296	144	35	179	6,191,385.17	4,915,742.34	3,091,459.32	55,891,424.09
2028	296	148	36	184	6,312,826.46	5,123,700.06	3,353,485.45	60,434,035.94
2029	296	159	37	196	6,487,363.60	5,540,151.90	3,626,042.16	65,007,289.79
2030	296	164	37	201	6,615,036.69	5,765,203.78	3,900,437.39	69,757,560.09
2031	296	174	38	212	6,788,756.97	6,170,445.47	4,185,453.61	74,561,325.19
2032	296	177	39	216	6,912,968.26	6,373,596.21	4,473,679.51	79,574,376.74
2033	296	186	40	226	7,085,458.61	6,765,751.52	4,774,462.60	84,668,546.44
2034	296	200	40	240	7,293,779.58	7,297,059.98	5,080,112.79	89,745,378.83
2035	296	204	41	245	7,434,209.81	7,552,577.85	5,384,722.73	95,011,733.53
2036	296	203	42	245	7,537,062.65	7,653,499.29	5,700,704.01	100,596,000.90
2037	296	209	43	252	7,698,236.39	7,983,357.50	6,035,760.05	106,346,639.85
2038	296	209	44	253	7,812,993.72	8,123,142.32	6,380,798.39	112,417,289.63
2039	296	211	45	256	7,946,170.60	8,332,135.94	6,745,037.38	118,776,361.67
2040	296	214	46	260	8,090,019.84	8,579,287.03	7,126,581.70	125,413,676.18
2041	296	219	46	265	8,246,223.14	8,871,258.86	7,524,820.57	132,313,461.03
2042	296	234	47	281	8,499,753.75	9,547,880.19	7,938,807.66	139,204,142.25
2043	296	239	48	287	8,670,413.46	9,888,292.90	8,352,248.53	146,338,511.34
2044	296	236	49	285	8,772,513.39	9,949,675.32	8,780,310.68	153,941,660.09
2045	296	240	50	290	8,939,364.56	10,265,204.45	9,236,499.61	161,852,319.79
2046	296	241	50	291	5,147,439.68	10,445,764.06	9,711,139.19	166,265,134.60
2047	296	245	51	296	5,264,782.09	10,773,207.52	9,975,908.08	170,732,617.24
2048	296	249	52	301	5,384,401.50	11,107,772.03	10,243,957.03	175,253,203.75
2049	296	252	53	305	5,496,734.65	11,411,176.71	10,515,192.22	179,853,953.91
2050	296	256	53	309	5,612,620.40	11,726,748.80	10,791,237.23	184,531,062.75
2051	296	259	54	313	5,729,191.13	12,042,989.23	11,071,863.76	189,289,128.41
2052	296	263	55	318	5,857,939.15	12,405,838.20	11,357,347.70	194,098,577.07
2053	296	265	56	321	5,968,863.02	12,695,260.56	11,645,914.62	199,018,094.15
2054	296	269	57	326	6,102,335.69	13,072,718.32	11,941,085.65	203,988,797.17

Ano	Ativos	Apos.	Pens.	Inativos	Custeio	Benefícios	Aplicação	Saldo
					R\$	R\$	R\$	R\$
2055	296	271	57	328	6,208,625.00	13,339,252.58	12,239,327.83	209,097,497.42
2056	296	275	58	333	6,346,862.19	13,731,357.64	12,545,849.85	214,258,851.82
2057	296	277	59	336	6,466,285.70	14,045,956.14	12,855,531.11	219,534,712.48
2058	296	280	60	340	6,598,693.54	14,410,208.65	13,172,082.75	224,895,280.12
2059	296	283	60	343	6,724,162.40	14,744,389.94	13,493,716.81	230,368,769.39
2060	296	286	61	347	6,861,361.99	15,123,146.43	13,822,126.16	235,929,111.12
2061	296	288	62	350	6,989,737.84	15,464,227.34	14,155,746.67	241,610,368.29
2062	296	291	63	354	7,131,870.28	15,857,920.71	14,496,622.10	247,380,939.95
2063	296	293	63	356	7,255,029.38	16,173,273.02	14,842,856.40	253,305,552.70
2064	296	296	64	360	7,402,124.94	16,581,889.20	15,198,333.16	259,324,121.60
2065	296	298	65	363	7,539,920.85	16,950,790.04	15,559,447.30	265,472,699.70
2066	296	301	66	367	7,692,289.15	17,375,428.50	15,928,361.98	271,717,922.33
2067	296	303	66	369	3,395,287.63	17,717,363.83	16,303,075.34	273,698,921.47
2068	296	305	67	372	3,442,799.22	18,107,985.79	16,421,935.29	275,455,670.19
2069	296	307	68	375	3,490,975.97	18,506,072.55	16,527,340.21	276,967,913.82
2070	296	309	68	377	3,539,827.20	18,868,039.73	16,618,074.83	278,257,776.12
2071	296	311	69	380	3,589,362.34	19,280,843.68	16,695,466.57	279,261,761.35
2072	296	313	70	383	3,639,590.97	19,701,508.01	16,755,705.68	279,955,549.98
2073	296	315	70	385	3,690,522.81	20,084,593.11	16,797,333.00	280,358,812.68
2074	296	317	71	388	3,742,167.69	20,520,759.99	16,821,528.76	280,401,749.13
2075	296	319	71	390	3,794,535.60	20,918,339.03	16,824,104.95	280,102,050.64
2076	296	321	72	393	3,847,636.66	21,370,548.24	16,806,123.04	279,385,262.09
2077	296	322	72	394	3,901,481.13	21,726,434.97	16,763,115.73	278,323,423.98
2078	296	324	73	397	3,956,079.43	22,194,450.62	16,699,405.44	276,784,458.23
2079	296	326	74	400	4,011,442.10	22,671,312.33	16,607,067.49	274,731,655.49
2080	296	327	74	401	4,067,579.85	23,047,824.61	16,483,899.33	272,235,310.06
2081	296	329	75	404	4,124,503.53	23,541,318.02	16,334,118.60	269,152,614.18
2082	296	330	75	405	4,182,224.14	23,931,677.15	16,149,156.85	265,552,318.02
2083	296	332	76	408	4,240,752.84	24,442,361.05	15,933,139.08	261,283,848.89
2084	296	334	76	410	4,300,100.94	24,909,543.00	15,677,030.93	256,351,437.77
2085	296	335	77	412	4,360,279.91	25,375,500.01	15,381,086.27	250,717,303.94
2086	296	336	77	413	4,421,301.39	25,795,013.55	15,043,038.24	244,386,630.02
2087	296	338	78	416	4,483,177.18	26,341,828.51	14,663,197.80	237,191,176.48
2088	296	339	78	417	4,545,919.22	26,776,682.43	14,231,470.59	229,191,883.86
2089	296	340	79	419	4,609,539.65	27,275,483.05	13,751,513.03	220,277,453.49
2090	296	341	80	421	4,674,050.76	27,783,001.85	12,115,259.94	209,283,762.34
2091	296	343	80	423	4,739,465.04	28,309,728.31	11,510,606.93	197,224,105.99
2092	296	344	81	425	4,805,795.11	28,835,269.72	10,847,325.83	184,041,957.21

ANEXO VI

Coronel Bicaco/RS

RELATÓRIO RESUMIDO DA EXECUÇÃO ORÇAMENTÁRIA
 DEMONSTRATIVO DA PROJEÇÃO ATUARIAL DO REGIME PRÓPRIO DE
 PREVIDÊNCIA DOS SERVIDORES
 ORÇAMENTO DA SEGURIDADE SOCIAL
(2017 – 2091)

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)
2017	9,195,346.57	2,589,288.16	6,606,058.41	17,492,437.65
2018	5,250,295.03	2,683,650.05	2,566,644.98	20,059,082.63
2019	6,362,088.24	2,873,109.90	3,488,978.34	23,548,060.97
2020	6,661,912.41	2,986,486.64	3,675,425.77	27,223,486.74
2021	6,975,423.35	3,106,383.16	3,869,040.19	31,092,526.93
2022	7,340,724.92	3,383,446.15	3,957,278.77	35,049,805.70
2023	7,760,836.88	3,854,995.35	3,905,841.53	38,955,647.23
2024	8,115,080.52	4,071,788.15	4,043,292.38	42,998,939.61
2025	8,485,665.91	4,317,280.76	4,168,385.15	47,167,324.75
2026	8,846,329.09	4,489,331.90	4,356,997.19	51,524,321.94
2027	9,282,844.49	4,915,742.34	4,367,102.15	55,891,424.09
2028	9,666,311.90	5,123,700.06	4,542,611.84	60,434,035.94
2029	10,113,405.75	5,540,151.90	4,573,253.86	65,007,289.79
2030	10,515,474.08	5,765,203.78	4,750,270.29	69,757,560.09
2031	10,974,210.58	6,170,445.47	4,803,765.10	74,561,325.19
2032	11,386,647.77	6,373,596.21	5,013,051.55	79,574,376.74
2033	11,859,921.22	6,765,751.52	5,094,169.70	84,668,546.44
2034	12,373,892.37	7,297,059.98	5,076,832.39	89,745,378.83
2035	12,818,932.54	7,552,577.85	5,266,354.70	95,011,733.53
2036	13,237,766.66	7,653,499.29	5,584,267.37	100,596,000.90
2037	13,733,996.45	7,983,357.50	5,750,638.95	106,346,639.85
2038	14,193,792.11	8,123,142.32	6,070,649.79	112,417,289.63
2039	14,691,207.97	8,332,135.94	6,359,072.04	118,776,361.67
2040	15,216,601.54	8,579,287.03	6,637,314.51	125,413,676.18
2041	15,771,043.71	8,871,258.86	6,899,784.84	132,313,461.03
2042	16,438,561.41	9,547,880.19	6,890,681.22	139,204,142.25
2043	17,022,661.99	9,888,292.90	7,134,369.09	146,338,511.34
2044	17,552,824.07	9,949,675.32	7,603,148.75	153,941,660.09
2045	18,175,864.16	10,265,204.45	7,910,659.71	161,852,319.79
2046	14,858,578.87	10,445,764.06	4,412,814.81	166,265,134.60
2047	15,240,690.16	10,773,207.52	4,467,482.64	170,732,617.24
2048	15,628,358.53	11,107,772.03	4,520,586.51	175,253,203.75
2049	16,011,926.87	11,411,176.71	4,600,750.16	179,853,953.91
2050	16,403,857.63	11,726,748.80	4,677,108.84	184,531,062.75
2051	16,801,054.90	12,042,989.23	4,758,065.67	189,289,128.41
2052	17,215,286.85	12,405,838.20	4,809,448.66	194,098,577.07
2053	17,614,777.64	12,695,260.56	4,919,517.08	199,018,094.15
2054	18,043,421.34	13,072,718.32	4,970,703.02	203,988,797.17

EXERCÍCIO	RECEITAS PREVIDENCIÁRIAS (a)	DESPESAS PREVIDENCIÁRIAS (b)	RESULTADO PREVIDENCIÁRIO (c) = (a-b)	SALDO FINANCEIRO DO EXERCÍCIO (d) = ("d" Exercício Anterior) + (c)
2055	18,447,952.83	13,339,252.58	5,108,700.25	209,097,497.42
2056	18,892,712.04	13,731,357.64	5,161,354.39	214,258,851.82
2057	19,321,816.80	14,045,956.14	5,275,860.67	219,534,712.48
2058	19,770,776.29	14,410,208.65	5,360,567.64	224,895,280.12
2059	20,217,879.21	14,744,389.94	5,473,489.27	230,368,769.39
2060	20,683,488.16	15,123,146.43	5,560,341.73	235,929,111.12
2061	21,145,484.50	15,464,227.34	5,681,257.17	241,610,368.29
2062	21,628,492.37	15,857,920.71	5,770,571.66	247,380,939.95
2063	22,097,885.77	16,173,273.02	5,924,612.75	253,305,552.70
2064	22,600,458.10	16,581,889.20	6,018,568.90	259,324,121.60
2065	23,099,368.14	16,950,790.04	6,148,578.10	265,472,699.70
2066	23,620,651.13	17,375,428.50	6,245,222.63	271,717,922.33
2067	19,698,362.97	17,717,363.83	1,980,999.14	273,698,921.47
2068	19,864,734.51	18,107,985.79	1,756,748.72	275,455,670.19
2069	20,018,316.18	18,506,072.55	1,512,243.63	276,967,913.82
2070	20,157,902.03	18,868,039.73	1,289,862.30	278,257,776.12
2071	20,284,828.91	19,280,843.68	1,003,985.22	279,261,761.35
2072	20,395,296.65	19,701,508.01	693,788.64	279,955,549.98
2073	20,487,855.81	20,084,593.11	403,262.69	280,358,812.68
2074	20,563,696.45	20,520,759.99	42,936.46	280,401,749.13
2075	20,618,640.54	20,918,339.03	-299,698.49	280,102,050.64
2076	20,653,759.69	21,370,548.24	-716,788.55	279,385,262.09
2077	20,664,596.86	21,726,434.97	-1,061,838.11	278,323,423.98
2078	20,655,484.87	22,194,450.62	-1,538,965.75	276,784,458.23
2079	20,618,509.59	22,671,312.33	-2,052,802.74	274,731,655.49
2080	20,551,479.18	23,047,824.61	-2,496,345.43	272,235,310.06
2081	20,458,622.13	23,541,318.02	-3,082,695.89	269,152,614.18
2082	20,331,380.99	23,931,677.15	-3,600,296.16	265,552,318.02
2083	20,173,891.92	24,442,361.05	-4,268,469.13	261,283,848.89
2084	19,977,131.87	24,909,543.00	-4,932,411.13	256,351,437.77
2085	19,741,366.18	25,375,500.01	-5,634,133.83	250,717,303.94
2086	19,464,339.63	25,795,013.55	-6,330,673.92	244,386,630.02
2087	19,146,374.98	26,341,828.51	-7,195,453.54	237,191,176.48
2088	18,777,389.81	26,776,682.43	-7,999,292.62	229,191,883.86
2089	18,361,052.68	27,275,483.05	-8,914,430.37	220,277,453.49
2090	16,789,310.71	27,783,001.85	-10,993,691.15	209,283,762.34
2091	16,250,071.96	28,309,728.31	-12,059,656.35	197,224,105.99

Notas:

¹ Projeção atuarial elaborada em 31/12/2017 e oficialmente enviada para o Ministério da Previdência Social – MPS.

² Este demonstrativo utiliza as seguintes hipóteses:

Financeiras percentual de 10% da Reserva Matemática.

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 2017

ANEXO VII

HISTÓRICO DE RESULTADOS DE AVALIAÇÕES ATUARIAIS CSM

CSM - CÁLCULOS ATUARIAIS Coronel Bicaco/RS					
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%
6/21/2018	2018	32,799,940.98	D	25.91%	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-17		25,492,424.46	(17,470.19)	(6,885.73)	(10,536.94)	(2,284,007.33)	-
1	Jan-18	23,193,330.62	25,530,125.87	(17,727.39)	(6,994.01)	(10,694.74)	(2,301,379.11)	-
2	Feb-18	23,213,136.98	25,567,827.28	(17,984.59)	(7,102.28)	(10,852.55)	(2,318,750.89)	-
3	Mar-18	23,232,943.33	25,605,528.69	(18,241.79)	(7,210.55)	(11,010.35)	(2,336,122.67)	-
4	Apr-18	23,252,749.68	25,643,230.10	(18,498.99)	(7,318.83)	(11,168.16)	(2,353,494.44)	-
5	May-18	23,272,556.03	25,680,931.51	(18,756.19)	(7,427.10)	(11,325.96)	(2,370,866.22)	-
6	Jun-18	23,292,362.39	25,718,632.91	(19,013.38)	(7,535.38)	(11,483.77)	(2,388,238.00)	-
7	Jul-18	23,312,168.74	25,756,334.32	(19,270.58)	(7,643.65)	(11,641.57)	(2,405,609.78)	-
8	Aug-18	23,331,975.09	25,794,035.73	(19,527.78)	(7,751.92)	(11,799.37)	(2,422,981.56)	-
9	Sep-18	23,351,781.44	25,831,737.14	(19,784.98)	(7,860.20)	(11,957.18)	(2,440,353.34)	-
10	Oct-18	23,371,587.80	25,869,438.55	(20,042.18)	(7,968.47)	(12,114.98)	(2,457,725.12)	-
11	Nov-18	23,391,394.15	25,907,139.96	(20,299.38)	(8,076.75)	(12,272.79)	(2,475,096.90)	-
12	Dec-18	23,411,200.50	25,944,841.37	(20,556.58)	(8,185.02)	(12,430.59)	(2,492,468.68)	-

(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-17	27,118,854.36	42,612,436.50	(5,502,629.42)	(5,487,663.06)	(3,817,883.91)	(685,405.75)	(32,799,940.98)	(32,799,940.98)
1	Jan-18	27,325,115.84	43,052,075.86	(5,600,179.68)	(5,589,239.40)	(3,846,922.10)	(690,618.83)	(32,753,014.30)	(32,753,014.30)
2	Feb-18	27,531,377.33	43,491,715.21	(5,697,729.95)	(5,690,815.73)	(3,875,960.29)	(695,831.91)	(32,706,087.62)	(32,706,087.62)
3	Mar-18	27,737,638.82	43,931,354.57	(5,795,280.21)	(5,792,392.07)	(3,904,998.48)	(701,045.00)	(32,659,160.94)	(32,659,160.94)
4	Apr-18	27,943,900.30	44,370,993.93	(5,892,830.47)	(5,893,968.41)	(3,934,036.67)	(706,258.08)	(32,612,234.26)	(32,612,234.26)
5	May-18	28,150,161.79	44,810,633.29	(5,990,380.73)	(5,995,544.75)	(3,963,074.86)	(711,471.16)	(32,565,307.57)	(32,565,307.57)
6	Jun-18	28,356,423.28	45,250,272.64	(6,087,931.00)	(6,097,121.08)	(3,992,113.04)	(716,684.24)	(32,518,380.89)	(32,518,380.89)
7	Jul-18	28,562,684.76	45,689,912.00	(6,185,481.26)	(6,198,697.42)	(4,021,151.23)	(721,897.32)	(32,471,454.21)	(32,471,454.21)
8	Aug-18	28,768,946.25	46,129,551.36	(6,283,031.52)	(6,300,273.76)	(4,050,189.42)	(727,110.41)	(32,424,527.53)	(32,424,527.53)
9	Sep-18	28,975,207.74	46,569,190.71	(6,380,581.78)	(6,401,850.10)	(4,079,227.61)	(732,323.49)	(32,377,600.85)	(32,377,600.85)
10	Oct-18	29,181,469.22	47,008,830.07	(6,478,132.05)	(6,503,426.43)	(4,108,265.80)	(737,536.57)	(32,330,674.17)	(32,330,674.17)
11	Nov-18	29,387,730.71	47,448,469.43	(6,575,682.31)	(6,605,002.77)	(4,137,303.99)	(742,749.65)	(32,283,747.49)	(32,283,747.49)
12	Dec-18	29,593,992.20	47,888,108.78	(6,673,232.57)	(6,706,579.11)	(4,166,342.18)	(747,962.73)	(32,236,820.81)	(32,236,820.81)

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

