

Projeto de Concessão Regionalizada dos Serviços de Abastecimento de Água

CAPEX

Ano do Contrato de Concessão

Tabela 1 - Premissas de CAPEX - Água (R\$ Mil)

Obras Civas - Produção de Água

- 1 Carapebus
- 2 Rio das Ostras
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 18 Rio de Janeiro - AP5
- 19 Seropédica

Obras Civas - Distribuição

- 1 Carapebus
- 2 Rio das Ostras
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 18 Rio de Janeiro - AP5
- 19 Seropédica

Sistemas - Produção de Água

- 1 Carapebus
- 2 Rio das Ostras
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras

- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguai
- 17 Paracambi
- 18 Rio de Janeiro - AP5
- 19 Seropedica

Sistemas - Distribuição de Água

- 1 Carapebus
- 2 Rio das Ostras
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguai
- 17 Paracambi
- 18 Rio de Janeiro - AP5
- 19 Seropedica

Equipamentos - Produção de Água

- 1 Carapebus
- 2 Rio das Ostras
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguai
- 17 Paracambi
- 18 Rio de Janeiro - AP5
- 19 Seropedica

Equipamentos - Distribuição de Água

- 1 Carapebus
- 2 Rio das Ostras
- 3 Trajano de Moraes

- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 18 Rio de Janeiro - AP5
- 19 Seropédica

Capex de Água

- 20 Carmo
- 21 Itatiaia

	PERCENTUAL DO TOTAL
CAPEX Total de Água por Categoria	100,00%
Obras Cívicas - Produção de Água	13,52%
Obras Cívicas - Distribuição	55,19%
Sistemas - Produção de Água	0,95%
Sistemas - Distribuição de Água	3,45%
Equipamentos - Produção de Água	7,40%
Equipamentos - Distribuição de Água	16,62%
Capex Total de Água do Carmo	1,24%
Capex Total de Água do Itatiaia	1,64%

Tabela 2 - Premissas de CAPEX - Esgoto (R\$ Mil)

Obras Cívicas - Coleta de Esgoto

- 1 Carapebus
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 19 Seropédica

Obras Cívicas - Tratamento de Esgoto

- 1 Carapebus
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai

- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 19 Seropédica

Sistemas - Coleta de Esgoto

- 1 Carapebus
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 19 Seropédica

Sistemas - Tratamento de Esgoto

- 1 Carapebus
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 19 Seropédica

Equipamentos - Coleta de Esgoto

- 1 Carapebus
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras

- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 19 Seropédica

Equipamentos -Tratamento de Esgoto

- 1 Carapebus
- 3 Trajano de Moraes
- 4 Pinheiral
- 5 Pirai
- 6 Rio Claro
- 7 Vassouras
- 8 Bom Jesus do Itabapoana
- 9 Natividade
- 10 Sao Jose de Uba
- 11 Sao Fidelis
- 12 Bom Jardim
- 13 Macuco
- 14 Sapucaia
- 15 Sumidouro
- 16 Itaguaí
- 17 Paracambi
- 19 Seropédica

Capex de Esgoto

- 2 Rio das Ostras
- 18 Rio de Janeiro - AP5
- 20 Carmo
- 21 Itatiaia

CAPEX Total de Esgoto por Categoria

Obras Civas - Coleta de Esgoto
 Obras Civas - Tratamento de Esgoto
 Sistemas - Coleta de Esgoto
 Sistemas - Tratamento de Esgoto
 Equipamentos - Coleta de Esgoto
 Equipamentos -Tratamento de Esgoto
 Capex Total de Esgoto do Rio das Ostras
 Capex Total de Esgoto do Rio de Janeiro - AP5
 Capex Total de Esgoto do Carmo
 Capex Total de Esgoto do Itatiaia

PERCENTUAL DO TOTAL

100,00%

41,63%
 13,24%
 1,19%
 1,50%
 1,28%
 14,28%
 7,74%
 14,20%
 1,17%
 3,77%

Água e Esgotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloc

TOTAL	1	2	3	4	5
325.418	17.844	18.606	67.526	81.206	81.675
7.839	2.064	2.116	2.003	461	91
37.730	5.481	6.512	11.804	6.230	6.223
3.690	41	95	1.680	278	280
1.749	-	318	332	332	332
2.532	-	470	484	484	484
1.672	-	312	334	336	336
2.265	-	408	432	432	430
8.000	-	718	2.137	2.138	2.147
2.753	349	272	619	292	291
1.307	-	77	362	362	404
3.829	-	684	749	749	747
5.311	318	556	584	328	1.354
404	-	69	79	79	78
2.737	498	538	401	303	298
4.420	1.015	1.351	1.387	420	86
9.153	-	193	308	2.471	2.426
16.526	-	525	3.455	5.370	5.028
211.391	7.818	3.342	40.206	59.819	60.318
2.110	260	50	170	322	322
1.328.458	57.022	143.450	147.338	159.415	163.386
44.385	217	2.988	3.606	3.778	3.854
52.007	1.522	4.132	5.420	5.517	4.983
7.924	78	448	828	844	1.091
40.574	1.446	2.938	2.992	3.046	2.866
49.047	2.125	3.199	3.201	3.265	3.174
24.099	529	3.857	3.962	4.196	4.044
24.261	1.208	1.558	2.147	2.147	2.012
22.762	657	2.158	2.175	2.193	2.974
6.864	157	627	630	1.079	986
4.362	168	262	578	580	548
15.130	463	1.369	1.892	1.895	1.779
24.259	846	2.366	2.396	2.426	2.118
3.776	117	487	489	492	431
7.440	353	1.077	1.078	1.078	856
12.102	144	1.008	1.270	1.297	1.262
253.066	8.836	43.577	45.439	46.977	46.257
43.378	1.810	6.991	7.168	7.747	7.525
523.041	32.976	36.892	32.293	39.534	45.425
169.981	3.370	27.516	29.774	31.324	31.201
22.761	500	1.305	3.831	4.294	4.347
733	-	188	109	32	5
2.198	-	351	650	328	328
154	-	5	87	14	14
285	-	28	28	28	28
535	-	49	49	49	49
275	-	36	25	25	22
334	-	32	32	32	32

1.370	-	60	327	157	157
238	-	21	38	21	21
137	-	8	21	21	21
667	-	58	58	58	58
582	-	50	39	24	122
59	-	6	6	6	6
270	-	28	28	23	23
344	-	116	76	26	5
844	-	11	11	118	116
966	-	33	177	273	256
12.528	500	224	2.067	3.048	3.073
242	-	1	3	11	11
82.971	2.658	7.263	7.893	8.751	9.013
2.474	10	142	184	192	196
6.943	218	420	681	560	525
695	3	19	50	51	72
2.087	70	138	141	143	136
2.621	103	151	151	158	155
1.408	25	184	189	205	202
1.574	58	70	129	129	123
1.985	25	119	120	121	200
632	7	35	35	69	66
310	8	10	30	30	29
1.113	21	50	101	112	106
1.574	40	130	131	133	126
292	5	29	29	29	28
517	16	53	53	53	48
693	7	44	65	67	65
13.672	295	2.205	2.335	2.410	2.376
2.599	55	355	364	412	402
31.977	1.528	1.734	1.565	2.242	2.529
9.805	164	1.375	1.540	1.635	1.629
178.045	675	3.934	5.081	4.397	4.162
4.549	411	176	176	176	17
23.846	-	252	740	252	252
1.243	-	34	109	40	40
5.640	-	142	142	142	142
14.301	-	401	401	401	401
3.785	-	130	130	130	59
8.304	-	147	147	147	147
11.864	-	281	848	848	848
3.126	17	108	125	108	108
2.252	-	56	56	56	56
11.193	-	342	342	342	342
5.342	160	160	160	120	195
1.217	-	23	23	23	23
4.117	22	126	126	121	121
2.372	65	167	167	102	22
12.373	-	84	84	84	84
7.359	-	161	161	161	161
52.766	-	1.134	1.134	1.134	1.134
2.396	-	10	10	10	10
400.111	8.492	8.492	8.492	8.492	8.492
5.300	28	28	28	28	28
44.365	848	848	848	848	848
2.372	30	30	30	30	30

10.543	206	206	206	206	206
10.726	227	227	227	227	227
6.552	116	116	116	116	116
32.903	878	878	878	878	878
12.451	264	264	264	264	264
4.458	109	109	109	109	109
2.033	41	41	41	41	41
12.313	269	269	269	269	269
7.682	151	151	151	151	151
2.060	46	46	46	46	46
5.972	144	144	144	144	144
3.320	47	47	47	47	47
38.995	642	642	642	642	642
16.384	319	319	319	319	319
155.932	3.760	3.760	3.760	3.760	3.760
25.750	367	367	367	367	367
29.917	-	2.991	2.991	2.991	2.991
29.917	-	2.991	2.991	2.991	2.991
39.481	384	3.842	3.842	3.842	3.842

SOMA

2.407.163	87.575	189.883	246.994	273.388	277.908
325.418	17.844	18.606	67.526	81.206	81.675
1.328.458	57.022	143.450	147.338	159.415	163.386
22.761	500	1.305	3.831	4.294	4.347
82.971	2.658	7.263	7.893	8.751	9.013
178.045	675	3.934	5.081	4.397	4.162
400.111	8.492	8.492	8.492	8.492	8.492
29.917	-	2.991	2.991	2.991	2.991
39.481	384	3.842	3.842	3.842	3.842

964.965	39.309	151.981	130.264	141.489	131.045
34.593	2.623	2.355	2.443	2.531	2.573
16.438	-	2.789	1.269	1.296	1.319
38.786	4.556	2.311	2.358	2.401	2.358
57.280	1.400	8.347	8.623	8.910	9.163
27.421	1.910	4.687	4.751	4.808	4.780
54.964	4.653	6.219	6.262	6.318	6.290
80.090	121	8.086	7.429	7.615	7.133
15.620	1.168	1.773	1.313	2.209	1.128
14.581	-	2.441	1.057	1.096	1.115
52.064	670	7.712	4.425	4.482	4.436
62.967	6.608	4.620	4.726	4.832	4.870
10.382	2.010	699	707	711	703
31.058	2.253	8.988	2.071	2.098	1.977
22.300	2.771	1.724	1.762	1.803	1.806
221.485	2.198	46.944	41.832	42.111	42.908
30.100	5.200	3.000	3.069	3.141	2.994
194.836	1.168	39.286	36.167	45.127	35.492
306.974	59.511	89.818	78.600	33.141	19.974
6.161	656	1.403	1.007	977	34
18.927	2.369	5.704	3.172	849	860
8.828	-	21	2.588	3.520	2.588
16.591	2.793	5.138	4.324	2.356	766

11.437	4.393	4.406	539	562	547
27.381	3.612	7.860	8.742	4.638	1.253
42.948	9.350	13.491	11.226	3.106	1.876
7.374	1.758	2.812	1.886	145	119
4.593	1.346	1.826	1.360	8	8
21.200	5.926	8.747	6.044	85	85
18.570	4.376	7.099	5.356	1.327	157
4.961	-	1.439	1.909	1.449	73
12.316	2.361	3.459	2.591	229	1.265
5.331	-	7	19	19	1.588
43.127	14.529	15.571	11.942	397	391
16.724	2.112	1.101	3.294	4.171	3.543
40.505	3.930	9.734	12.601	9.303	4.821
27.601	2.591	4.701	3.717	4.231	3.336
732	138	42	42	42	42
497	-	133	36	36	36
833	295	30	30	30	30
1.088	90	147	147	147	147
862	153	144	144	144	144
2.063	407	218	218	218	218
1.864	6	289	213	181	153
555	74	105	59	102	28
347	-	110	23	23	23
1.270	9	358	93	93	93
1.875	351	134	134	134	134
407	158	21	21	21	21
836	125	184	57	57	55
611	246	34	34	34	34
6.201	59	1.372	1.108	1.052	1.109
657	459	-	-	-	-
6.903	21	1.380	1.358	1.917	1.069
34.775	6.401	12.904	8.615	3.890	1.579
739	33	117	216	96	2
1.015	237	541	237	-	-
1.093	-	-	255	583	255
1.784	416	641	534	171	11
1.287	895	392	-	-	-
3.435	361	1.160	1.226	579	109
4.539	935	2.137	1.059	284	124
745	174	397	174	-	-
578	135	308	135	-	-
2.541	593	1.355	593	-	-
1.945	438	1.008	464	27	8
612	-	142	318	142	5
1.502	236	549	245	9	113
668	-	-	-	-	156
5.348	1.449	2.747	1.152	-	-
1.571	106	71	286	549	326
5.373	393	1.339	1.721	1.450	470
29.578	11.851	3.824	2.316	4.930	466
968	447	-	-	-	-
541	-	483	-	-	-
1.572	1.369	-	-	-	-
529	451	4	4	4	4
881	765	-	-	-	-
2.220	1.930	-	-	-	-

1.317	30	680	296	137	-
1.801	355	460	230	447	77
490	-	432	-	-	-
1.530	-	1.327	-	-	-
2.016	1.755	-	-	-	-
887	771	-	-	-	-
696	419	38	38	38	38
1.399	1.225	-	-	-	-
3.234	115	-	301	62	347
2.538	2.219	-	-	-	-
6.959	-	400	1.447	4.242	-
330.985	8.334	62.265	14.654	15.634	438
7.059	-	9	1.218	9	9
8.701	-	3.046	-	-	-
10.208	-	-	-	3.277	-
20.558	1.465	2.067	2.131	64	64
14.054	5.035	-	-	-	-
29.664	-	4.644	4.251	1.397	-
37.805	-	12.022	-	1.597	-
7.599	-	2.234	-	-	-
5.094	-	1.730	-	-	-
23.801	-	7.619	-	-	-
17.494	-	5.626	105	105	-
7.850	-	29	1.789	29	29
18.466	-	3.036	-	-	-
6.643	-	-	-	-	-
46.953	1.834	14.814	-	-	-
19.995	-	336	336	3.110	336
49.041	-	5.053	4.824	6.046	-
623.239	22.793	33.152	35.372	55.312	55.312
179.500	-	-	2.220	22.160	22.160
329.160	21.944	21.944	21.944	21.944	21.944
27.202	-	2.720	2.720	2.720	2.720
87.378	849	8.488	8.488	8.488	8.488

SOMA

2.318.117	150.790	358.645	273.538	258.627	212.150
964.965	39.309	151.981	130.264	141.489	131.045
306.974	59.511	89.818	78.600	33.141	19.974
27.601	2.591	4.701	3.717	4.231	3.336
34.775	6.401	12.904	8.615	3.890	1.579
29.578	11.851	3.824	2.316	4.930	466
330.985	8.334	62.265	14.654	15.634	438
179.500	-	-	2.220	22.160	22.160
329.160	21.944	21.944	21.944	21.944	21.944
27.202	-	2.720	2.720	2.720	2.720
87.378	849	8.488	8.488	8.488	8.488

6	7	8	9	10	11
39.903	8.913	5.577	290	241	259
91	10	9	10	9	9
1.118	64	48	48	42	60
103	46	46	46	44	44
332	11	11	11	10	10
484	9	9	9	7	7
321	5	5	3	2	2
430	17	11	11	9	9
755	22	19	19	9	9
291	30	30	24	24	24
84	4	2	2	1	1
747	34	22	19	16	16
1.150	892	16	17	15	15
78	3	3	3	2	2
298	21	21	21	18	18
86	15	12	13	12	12
2.820	419	418	18	11	11
2.106	6	6	5	3	3
28.127	7.087	4.674	-	-	-
482	218	215	11	7	7
89.868	76.808	70.738	56.219	47.680	45.744
3.883	3.982	3.792	3.935	3.790	3.883
4.793	4.527	3.510	3.569	3.070	4.233
1.063	981	630	642	393	400
2.913	2.577	2.624	2.670	2.332	2.366
3.176	2.168	2.170	2.109	1.689	1.690
1.462	679	679	571	401	401
2.012	1.662	1.073	1.073	838	836
2.893	2.014	1.801	1.815	820	830
988	582	584	254	208	209
436	367	169	170	128	129
1.772	1.376	884	791	658	662
2.270	1.464	1.488	1.491	1.290	1.199
433	163	165	167	139	141
856	273	274	274	176	177
1.247	1.140	959	978	935	948
8.450	7.449	6.898	6.898	4.325	4.325
1.890	1.518	1.518	1.116	692	692
41.879	38.013	36.723	23.267	22.925	19.752
7.452	5.873	4.797	4.429	2.871	2.871
2.406	640	472	179	179	179
5	9	9	9	9	9
77	16	16	16	16	16
5	1	1	1	1	1
28	5	5	5	5	5
49	10	10	10	10	10
22	5	5	5	5	5
32	6	6	6	6	6

60	21	21	21	21	21
21	4	4	4	4	4
8	2	2	2	2	2
58	13	13	13	13	13
68	55	8	8	8	8
6	1	1	1	1	1
23	5	5	5	5	5
5	4	4	4	4	4
276	48	48	8	8	8
111	4	4	4	4	4
1.463	408	287	54	54	54
89	23	23	3	3	3
5.354	5.041	4.433	3.329	2.851	2.682
203	216	189	196	189	194
419	422	294	298	265	396
73	77	48	48	25	25
138	128	131	133	116	118
155	117	117	111	90	90
78	46	46	35	27	27
123	120	61	61	50	50
201	149	149	150	59	59
66	52	52	19	17	17
29	30	11	11	9	9
107	106	56	46	40	41
138	84	85	87	77	67
28	10	10	10	9	9
48	18	18	18	13	13
66	67	48	49	47	48
395	427	372	372	246	246
100	106	106	66	46	46
2.511	2.473	2.355	1.370	1.353	1.054
476	393	285	249	173	173
4.185	5.997	5.904	5.304	5.304	5.304
17	106	106	106	106	106
252	762	762	762	762	762
34	34	34	34	34	34
142	170	170	170	170	170
401	424	424	424	424	424
59	113	113	113	113	113
147	261	261	261	261	261
281	302	302	302	302	302
108	88	88	88	88	88
56	68	68	68	68	68
342	327	327	327	327	327
191	240	147	147	147	147
23	38	38	38	38	38
121	120	120	120	120	120
22	63	63	63	63	63
482	769	769	371	371	371
161	226	226	226	226	226
1.134	1.624	1.624	1.624	1.624	1.624
212	262	262	60	60	60
9.363	10.753	10.662	10.722	10.703	10.512
32	90	94	98	99	107
948	1.114	1.121	1.128	1.090	1.194
32	51	52	53	52	55

234	254	255	256	253	281
260	260	261	261	259	292
129	188	191	194	192	142
908	908	908	908	905	934
293	316	317	318	311	342
115	121	121	121	119	126
49	50	50	50	49	57
291	392	311	311	305	328
173	187	188	189	185	208
51	53	53	53	52	57
160	161	161	161	156	172
51	75	75	76	75	80
720	1.148	1.168	1.188	1.179	809
350	476	480	485	479	379
4.149	4.151	4.080	4.078	4.151	4.464
418	758	776	794	792	485
2.991	2.991	2.991	2.991	2.991	2.991
2.991	2.991	2.991	2.991	2.991	2.991
3.842	3.842	3.842	3.842	3.842	3.842

157.912	114.985	104.619	82.876	73.791	71.513
39.903	8.913	5.577	290	241	259
89.868	76.808	70.738	56.219	47.680	45.744
2.406	640	472	179	179	179
5.354	5.041	4.433	3.329	2.851	2.682
4.185	5.997	5.904	5.304	5.304	5.304
9.363	10.753	10.662	10.722	10.703	10.512
2.991	2.991	2.991	2.991	2.991	2.991
3.842	3.842	3.842	3.842	3.842	3.842

53.362	45.654	44.004	44.429	39.946	40.591
2.647	2.721	2.791	2.862	2.802	3.222
1.338	1.356	1.387	1.410	1.395	1.414
2.398	2.437	2.476	2.511	2.378	2.401
2.927	1.228	1.220	1.228	978	982
1.033	567	560	563	430	430
2.019	2.035	2.031	2.015	1.653	1.633
7.254	7.369	7.485	7.597	7.545	7.620
872	879	883	891	857	853
1.150	1.181	1.212	1.243	1.231	1.251
4.478	4.507	4.549	4.588	4.475	4.496
4.961	5.037	5.120	5.204	5.150	5.218
711	715	723	723	715	715
1.977	1.966	1.977	1.981	1.834	1.831
1.833	1.859	1.885	1.911	1.889	1.911
9.199	6.653	4.561	4.561	3.045	3.045
1.769	1.423	1.423	1.423	1.055	1.055
6.796	3.721	3.721	3.718	2.514	2.514
7.879	5.767	2.733	2.703	1.916	1.938
34	646	721	646	9	10
891	918	950	981	937	951
30	9	9	9	8	9
287	63	63	63	51	51

151	103	103	103	63	63
97	36	36	36	37	37
648	592	605	618	592	598
117	106	107	108	97	97
8	5	6	6	6	6
85	37	38	38	37	37
76	27	28	28	28	28
73	3	3	3	3	3
1.265	1.053	14	14	10	10
2.057	1.581	13	13	13	13
105	31	22	22	14	14
1.898	550	8	8	6	6
57	7	7	7	5	5
1.579	1.147	956	955	847	866
42	42	42	42	42	61
36	36	36	36	36	36
30	30	30	30	30	30
105	20	20	20	15	15
33	10	10	10	7	7
57	58	58	57	45	45
153	153	153	153	153	153
13	13	13	13	13	13
23	23	23	23	23	23
93	93	93	93	93	93
134	134	134	134	134	134
21	21	21	21	21	21
55	52	52	52	50	50
34	34	34	34	34	34
454	303	112	112	70	70
36	19	19	19	12	12
260	106	106	106	69	69
799	378	145	64	-	-
2	64	145	64	-	-
-	-	-	-	-	-
-	-	-	-	-	-
11	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
5	-	-	-	-	-
246	104	-	-	-	-
356	156	-	-	-	-
-	-	-	-	-	-
179	54	-	-	-	-
-	-	-	-	-	-
1.088	1.086	129	129	129	129
-	4	4	4	4	4
-	2	2	2	2	2
-	7	7	7	7	7
4	2	2	2	2	2
-	4	4	4	4	4
-	10	10	10	10	10

-	6	6	6	6	6
-	8	8	8	8	8
-	2	2	2	2	2
-	7	7	7	7	7
-	9	9	9	9	9
-	4	4	4	4	4
38	3	3	3	3	3
-	6	6	6	6	6
1.046	971	14	14	14	14
-	11	11	11	11	11
-	30	30	30	30	30
4.470	7.737	8.554	7.737	7.737	7.737
9	172	989	172	172	172
-	195	195	195	195	195
-	239	239	239	239	239
64	507	507	507	507	507
-	311	311	311	311	311
-	668	668	668	668	668
-	834	834	834	834	834
-	185	185	185	185	185
-	116	116	116	116	116
-	558	558	558	558	558
-	402	402	402	402	402
29	205	205	205	205	205
1.336	486	486	486	486	486
2.003	160	160	160	160	160
-	1.045	1.045	1.045	1.045	1.045
1.029	512	512	512	512	512
-	1.142	1.142	1.142	1.142	1.142
55.312	55.312	55.312	55.312	55.312	55.312
22.160	22.160	22.160	22.160	22.160	22.160
21.944	21.944	21.944	21.944	21.944	21.944
2.720	2.720	2.720	2.720	2.720	2.720
8.488	8.488	8.488	8.488	8.488	8.488
124.489	117.081	111.833	111.329	105.887	106.573
53.362	45.654	44.004	44.429	39.946	40.591
7.879	5.767	2.733	2.703	1.916	1.938
1.579	1.147	956	955	847	866
799	378	145	64	-	-
1.088	1.086	129	129	129	129
4.470	7.737	8.554	7.737	7.737	7.737
22.160	22.160	22.160	22.160	22.160	22.160
21.944	21.944	21.944	21.944	21.944	21.944
2.720	2.720	2.720	2.720	2.720	2.720
8.488	8.488	8.488	8.488	8.488	8.488



12	13	14	15	16	17
573	451	450	138	122	121
401	279	279	2	2	1
25	25	24	18	2	2
42	42	42	41	41	41
5	5	5	4	4	4
7	7	7	6	6	6
2	2	2	1	1	1
9	9	9	6	6	6
4	4	4	2	2	2
22	22	22	21	21	21
1	1	1	1	1	1
7	7	7	4	4	4
7	7	7	5	5	5
1	1	1	1	1	1
17	17	17	14	14	14
2	2	2	1	1	1
11	11	11	5	5	5
3	3	3	2	2	2
-	-	-	-	-	-
7	7	7	4	4	4
35.635	28.338	34.843	21.070	25.161	17.068
906	906	906	709	709	452
1.688	1.688	1.575	1.172	152	152
73	73	73	38	38	38
1.102	1.257	1.257	1.001	967	967
1.653	1.653	1.653	1.495	1.495	1.495
401	401	401	254	254	254
838	838	838	557	557	557
341	341	341	197	197	197
65	65	65	36	36	36
99	99	99	62	62	62
261	261	261	131	131	131
565	565	565	364	364	364
69	69	69	43	43	43
157	157	157	77	77	77
128	128	128	75	75	75
4.325	4.325	4.325	2.006	2.006	2.006
692	692	692	413	413	413
19.401	11.949	18.567	10.919	16.064	8.228
2.871	2.871	2.871	1.521	1.521	1.521
268	201	201	179	179	179
98	31	31	9	9	9
16	16	16	16	16	16
1	1	1	1	1	1
5	5	5	5	5	5
10	10	10	10	10	10
5	5	5	5	5	5
6	6	6	6	6	6

21	21	21	21	21	21
4	4	4	4	4	4
2	2	2	2	2	2
13	13	13	13	13	13
8	8	8	8	8	8
1	1	1	1	1	1
5	5	5	5	5	5
4	4	4	4	4	4
8	8	8	8	8	8
4	4	4	4	4	4
54	54	54	54	54	54
3	3	3	3	3	3
2.173	1.822	2.143	1.472	1.682	1.272
61	61	61	55	55	29
236	237	235	207	85	84
11	11	11	9	9	9
57	69	69	57	57	57
89	89	89	81	81	81
27	27	27	20	20	20
50	50	50	36	36	36
37	37	37	31	31	31
10	10	10	9	9	9
7	7	7	6	6	6
22	22	22	16	16	16
37	37	37	27	27	27
6	6	6	5	5	5
12	12	12	9	9	9
9	9	9	7	7	7
246	246	246	133	133	133
46	46	46	33	33	33
1.037	673	996	623	955	572
173	173	173	108	108	108
5.474	5.470	5.470	5.304	5.304	5.304
276	272	272	106	106	106
762	762	762	762	762	762
34	34	34	34	34	34
170	170	170	170	170	170
424	424	424	424	424	424
113	113	113	113	113	113
261	261	261	261	261	261
302	302	302	302	302	302
88	88	88	88	88	88
68	68	68	68	68	68
327	327	327	327	327	327
147	147	147	147	147	147
38	38	38	38	38	38
120	120	120	120	120	120
63	63	63	63	63	63
371	371	371	371	371	371
226	226	226	226	226	226
1.624	1.624	1.624	1.624	1.624	1.624
60	60	60	60	60	60
11.912	11.830	11.824	11.637	11.449	12.448
168	175	182	180	190	181
1.364	1.376	1.387	1.312	1.419	1.404
75	76	78	75	78	79

302	304	306	297	326	323
293	293	293	286	318	318
202	205	207	201	152	212
934	934	934	925	954	954
365	366	368	353	384	382
131	131	132	127	134	134
58	58	58	55	63	63
430	349	350	337	360	442
223	224	225	216	239	238
60	60	60	58	63	63
173	173	173	164	180	180
104	106	108	105	111	108
1.237	1.257	1.277	1.234	864	1.292
505	510	514	497	397	523
4.463	4.390	4.312	4.380	4.689	4.684
825	843	860	835	528	868
2	2	-	-	-	-
2	2	-	-	-	-
63	64	65	66	67	68

56.100	48.178	54.996	39.866	43.964	36.460
573	451	450	138	122	121
35.635	28.338	34.843	21.070	25.161	17.068
268	201	201	179	179	179
2.173	1.822	2.143	1.472	1.682	1.272
5.474	5.470	5.470	5.304	5.304	5.304
11.912	11.830	11.824	11.637	11.449	12.448
2	2	-	-	-	-
63	64	65	66	67	68

18.264	12.281	12.295	7.508	7.512	7.520
800	497	497	388	388	388
276	172	172	98	98	98
1.796	927	927	711	711	711
982	912	904	851	851	847
427	331	334	218	214	218
1.653	1.336	1.356	960	960	979
811	666	669	374	381	377
1.853	125	129	70	70	70
250	184	184	116	113	116
769	479	479	240	244	237
1.156	720	716	460	456	460
268	139	139	89	89	85
421	263	259	124	127	124
191	156	156	91	91	91
3.045	2.550	2.550	1.180	1.184	1.184
1.052	602	602	361	358	358
2.514	2.222	2.222	1.177	1.177	1.177
339	305	305	189	190	189
2	2	2	1	1	1
74	73	73	24	24	24
6	3	3	3	3	3
51	51	51	42	42	42

63	63	63	32	32	32
37	36	36	50	50	50
38	37	37	15	15	15
15	1	1	1	1	1
1	1	1	1	1	1
9	6	6	3	3	3
6	4	4	3	3	3
1	1	1	-	-	-
10	7	7	3	4	3
1	1	1	1	1	1
14	12	12	6	6	6
6	3	3	2	2	2
5	4	4	2	2	2
488	318	318	191	191	192
23	11	11	9	9	9
10	5	5	3	3	3
51	21	21	16	16	16
15	15	15	15	15	15
7	7	7	4	4	4
45	45	45	33	33	34
21	14	14	8	8	8
83	3	3	2	2	2
7	4	4	2	2	2
14	10	10	5	5	5
41	19	19	12	12	12
9	5	5	3	3	3
7	5	5	2	2	2
4	3	3	2	2	2
70	70	70	32	32	32
12	12	12	7	7	7
69	69	69	36	36	36
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
129	129	129	129	129	129
4	4	4	4	4	4
2	2	2	2	2	2
7	7	7	7	7	7
2	2	2	2	2	2
4	4	4	4	4	4
10	10	10	10	10	10

6	6	6	6	6	6
8	8	8	8	8	8
2	2	2	2	2	2
7	7	7	7	7	7
9	9	9	9	9	9
4	4	4	4	4	4
3	3	3	3	3	3
6	6	6	6	6	6
14	14	14	14	14	14
11	11	11	11	11	11
30	30	30	30	30	30
7.737	7.737	7.737	7.737	7.737	7.737
172	172	172	172	172	172
195	195	195	195	195	195
239	239	239	239	239	239
507	507	507	507	507	507
311	311	311	311	311	311
668	668	668	668	668	668
834	834	834	834	834	834
185	185	185	185	185	185
116	116	116	116	116	116
558	558	558	558	558	558
402	402	402	402	402	402
205	205	205	205	205	205
486	486	486	486	486	486
160	160	160	160	160	160
1.045	1.045	1.045	1.045	1.045	1.045
512	512	512	512	512	512
1.142	1.142	1.142	1.142	1.142	1.142
22.098	22.101	22.101	22.104	163	166
-	-	-	-	-	-
21.944	21.944	21.944	21.944	-	-
2	2	-	-	-	-
152	154	157	160	163	166
49.055	42.871	42.885	37.858	15.922	15.933
18.264	12.281	12.295	7.508	7.512	7.520
339	305	305	189	190	189
488	318	318	191	191	192
-	-	-	-	-	-
129	129	129	129	129	129
7.737	7.737	7.737	7.737	7.737	7.737
-	-	-	-	-	-
21.944	21.944	21.944	21.944	-	-
2	2	-	-	-	-
152	154	157	160	163	166

18	19	20	21	22	23
121	120	90	90	90	90
1	1	-	-	-	-
2	2	-	-	-	-
41	41	41	41	41	41
4	4	2	2	2	2
6	6	4	4	4	4
1	1	1	1	1	1
6	5	3	3	3	3
2	2	1	1	1	1
21	21	21	21	21	21
1	1	-	-	-	-
4	4	1	1	1	1
5	5	3	3	3	3
1	1	-	-	-	-
14	14	12	12	12	12
1	1	-	-	-	-
5	5	-	-	-	-
2	2	-	-	-	-
-	-	-	-	-	-
4	4	1	1	1	1
23.928	15.910	9.891	17.111	8.850	8.298
452	452	195	195	195	195
152	152	-	-	-	-
38	38	13	13	13	13
847	847	488	488	488	488
1.495	1.495	958	958	958	958
254	254	133	133	133	133
557	557	333	333	333	333
197	197	84	84	84	84
36	36	20	20	20	20
62	62	33	33	33	33
131	131	28	28	28	28
364	364	203	203	203	203
43	43	22	22	22	22
77	77	18	18	18	18
75	75	31	31	31	31
2.006	2.006	126	126	126	126
413	413	114	114	114	114
15.208	7.190	6.635	13.855	5.594	5.042
1.521	1.521	457	457	457	457
179	179	179	179	179	179
9	9	9	9	9	9
16	16	16	16	16	16
1	1	1	1	1	1
5	5	5	5	5	5
10	10	10	10	10	10
5	5	5	5	5	5
6	6	6	6	6	6

21	21	21	21	21	21
4	4	4	4	4	4
2	2	2	2	2	2
13	13	13	13	13	13
8	8	8	8	8	8
1	1	1	1	1	1
5	5	5	5	5	5
4	4	4	4	4	4
8	8	8	8	8	8
4	4	4	4	4	4
54	54	54	54	54	54
3	3	3	3	3	3
1.601	1.211	916	1.270	867	840
29	29	17	17	17	17
84	85	73	75	75	75
9	9	8	8	8	8
45	45	28	28	28	28
81	81	55	55	55	55
20	20	14	14	14	14
36	36	26	26	26	26
31	31	25	25	25	25
9	9	8	8	8	8
6	6	4	4	4	4
16	16	12	12	12	12
27	27	20	20	20	20
5	5	4	4	4	4
9	9	6	6	6	6
7	7	5	5	5	5
133	133	41	41	41	41
33	33	19	19	19	19
913	522	495	847	444	417
108	108	56	56	56	56
5.304	5.304	5.304	5.304	5.304	5.304
106	106	106	106	106	106
762	762	762	762	762	762
34	34	34	34	34	34
170	170	170	170	170	170
424	424	424	424	424	424
113	113	113	113	113	113
261	261	261	261	261	261
302	302	302	302	302	302
88	88	88	88	88	88
68	68	68	68	68	68
327	327	327	327	327	327
147	147	147	147	147	147
38	38	38	38	38	38
120	120	120	120	120	120
63	63	63	63	63	63
371	371	371	371	371	371
226	226	226	226	226	226
1.624	1.624	1.624	1.624	1.624	1.624
60	60	60	60	60	60
12.271	12.349	11.933	11.830	12.729	12.638
187	194	190	200	190	197
1.416	1.427	1.323	1.430	1.416	1.427
80	82	77	81	81	82

325	327	313	342	339	341
318	319	309	342	341	342
214	217	207	158	218	220
954	954	939	968	969	969
383	385	363	394	392	393
134	134	129	136	135	135
63	63	58	66	66	66
361	362	344	367	448	367
239	240	225	249	247	248
63	63	60	64	64	64
180	180	168	183	183	183
110	112	107	113	111	112
1.312	1.332	1.260	890	1.318	1.338
528	532	508	408	534	538
4.518	4.522	4.495	4.888	4.786	4.707
886	904	858	551	891	909
-	-	-	-	-	-
-	-	-	-	-	-
70	71	72	73	-	-

43.474	35.144	28.385	35.857	28.019	27.349
121	120	90	90	90	90
23.928	15.910	9.891	17.111	8.850	8.298
179	179	179	179	179	179
1.601	1.211	916	1.270	867	840
5.304	5.304	5.304	5.304	5.304	5.304
12.271	12.349	11.933	11.830	12.729	12.638
-	-	-	-	-	-
70	71	72	73	-	-

7.484	7.538	3.045	3.064	3.055	3.051
384	388	170	166	166	166
98	98	39	35	39	35
715	711	408	412	412	408
847	855	541	545	549	541
210	218	112	119	115	115
960	976	573	589	586	589
377	381	158	158	158	158
70	70	39	39	35	39
113	116	60	64	60	60
244	240	54	50	53	50
452	463	254	251	254	258
89	85	45	45	45	45
116	124	27	27	19	23
91	91	37	37	40	37
1.180	1.184	76	73	76	73
361	358	100	100	96	100
1.177	1.180	352	354	352	354
189	189	97	97	97	98
1	1	1	1	1	1
24	24	1	1	1	1
3	3	1	1	1	1
42	42	28	28	28	28

32	32	11	11	11	11
50	50	42	42	42	42
15	15	6	6	6	6
1	1	-	-	-	-
1	1	-	-	-	-
3	3	1	1	1	1
3	3	1	1	1	2
-	-	-	-	-	-
3	3	1	1	1	1
1	1	-	-	-	-
6	6	2	2	2	2
2	2	1	1	1	1
2	2	1	1	1	1
191	192	76	76	76	76
9	9	4	4	4	4
3	3	1	1	1	1
16	16	9	9	9	9
15	15	10	10	10	10
4	4	2	2	2	2
33	34	20	20	20	20
8	8	3	3	3	3
2	2	1	1	1	1
2	2	1	1	1	1
5	5	1	1	1	1
12	12	7	7	7	7
3	3	1	1	1	1
2	2	-	-	-	-
2	2	1	1	1	1
32	32	2	2	2	2
7	7	2	2	2	2
36	36	11	11	11	11
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
129	129	129	129	129	129
4	4	4	4	4	4
2	2	2	2	2	2
7	7	7	7	7	7
2	2	2	2	2	2
4	4	4	4	4	4
10	10	10	10	10	10

6	6	6	6	6	6
8	8	8	8	8	8
2	2	2	2	2	2
7	7	7	7	7	7
9	9	9	9	9	9
4	4	4	4	4	4
3	3	3	3	3	3
6	6	6	6	6	6
14	14	14	14	14	14
11	11	11	11	11	11
30	30	30	30	30	30
7.737	7.737	7.737	7.737	7.737	7.737
172	172	172	172	172	172
195	195	195	195	195	195
239	239	239	239	239	239
507	507	507	507	507	507
311	311	311	311	311	311
668	668	668	668	668	668
834	834	834	834	834	834
185	185	185	185	185	185
116	116	116	116	116	116
558	558	558	558	558	558
402	402	402	402	402	402
205	205	205	205	205	205
486	486	486	486	486	486
160	160	160	160	160	160
1.045	1.045	1.045	1.045	1.045	1.045
512	512	512	512	512	512
1.142	1.142	1.142	1.142	1.142	1.142
169	172	175	178	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
169	172	175	178	-	-
15.899	15.957	11.259	11.281	11.094	11.091
7.484	7.538	3.045	3.064	3.055	3.051
189	189	97	97	97	98
191	192	76	76	76	76
-	-	-	-	-	-
129	129	129	129	129	129
7.737	7.737	7.737	7.737	7.737	7.737
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
169	172	175	178	-	-

24	25	26	27	28	29
90	78	78	78	78	78
-	-	-	-	-	-
-	-	-	-	-	-
41	41	41	41	41	41
2	1	1	1	1	1
4	2	2	2	2	2
1	-	-	-	-	-
3	1	1	1	1	1
1	-	-	-	-	-
21	21	21	21	21	21
-	-	-	-	-	-
1	-	-	-	-	-
3	1	1	1	1	1
-	-	-	-	-	-
12	11	11	11	11	11
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
1	-	-	-	-	-
7.751	5.067	4.523	3.982	1.116	1.116
195	42	42	42	42	42
-	-	-	-	-	-
13	6	6	6	6	6
488	223	223	223	223	223
958	575	575	575	575	575
133	36	36	36	36	36
333	133	133	133	130	130
84	-	-	-	-	-
20	11	11	11	11	11
33	11	11	11	11	11
28	1	1	1	1	1
203	75	75	75	75	75
22	4	4	4	4	4
18	2	2	2	2	2
31	-	-	-	-	-
126	-	-	-	-	-
114	-	-	-	-	-
4.495	3.948	3.404	2.863	-	-
457	-	-	-	-	-
179	179	179	179	179	179
9	9	9	9	9	9
16	16	16	16	16	16
1	1	1	1	1	1
5	5	5	5	5	5
10	10	10	10	10	10
5	5	5	5	5	5
6	6	6	6	6	6

21	21	21	21	21	21
4	4	4	4	4	4
2	2	2	2	2	2
13	13	13	13	13	13
8	8	8	8	8	8
1	1	1	1	1	1
5	5	5	5	5	5
4	4	4	4	4	4
8	8	8	8	8	8
4	4	4	4	4	4
54	54	54	54	54	54
3	3	3	3	3	3
813	681	657	631	491	491
17	10	10	10	10	10
75	73	75	75	75	75
8	8	8	8	8	8
28	15	15	15	15	15
55	36	36	36	36	36
14	9	9	9	9	9
26	16	16	16	16	16
25	22	22	22	22	22
8	8	8	8	8	8
4	3	3	3	3	3
12	11	11	11	11	11
20	14	14	14	14	14
4	3	3	3	3	3
6	5	5	5	5	5
5	3	3	3	3	3
41	35	35	35	35	35
19	13	13	13	13	13
390	363	337	311	171	171
56	34	34	34	34	34
5.304	5.304	5.304	5.304	5.304	5.304
106	106	106	106	106	106
762	762	762	762	762	762
34	34	34	34	34	34
170	170	170	170	170	170
424	424	424	424	424	424
113	113	113	113	113	113
261	261	261	261	261	261
302	302	302	302	302	302
88	88	88	88	88	88
68	68	68	68	68	68
327	327	327	327	327	327
147	147	147	147	147	147
38	38	38	38	38	38
120	120	120	120	120	120
63	63	63	63	63	63
371	371	371	371	371	371
226	226	226	226	226	226
1.624	1.624	1.624	1.624	1.624	1.624
60	60	60	60	60	60
12.620	12.087	12.068	12.866	12.768	12.739
204	194	204	194	201	208
1.438	1.323	1.430	1.416	1.427	1.438
84	78	81	82	83	85

343	322	351	348	350	352
342	324	357	356	357	357
223	211	161	221	224	226
969	948	977	977	977	977
395	368	398	396	397	399
136	130	136	136	136	136
66	60	67	67	67	67
368	345	368	450	368	369
250	231	254	252	254	255
65	61	65	65	65	65
184	168	184	184	184	184
114	108	114	112	113	115
1.358	1.262	891	1.320	1.339	1.359
543	511	411	537	541	546
4.611	4.578	5.061	4.855	4.769	4.667
927	865	558	898	916	934
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

26.757	23.396	22.809	23.040	19.936	19.907
90	78	78	78	78	78
7.751	5.067	4.523	3.982	1.116	1.116
179	179	179	179	179	179
813	681	657	631	491	491
5.304	5.304	5.304	5.304	5.304	5.304
12.620	12.087	12.068	12.866	12.768	12.739
-	-	-	-	-	-
-	-	-	-	-	-

3.508	1.276	1.025	1.025	1.015	1.006
170	310	37	37	34	37
39	17	21	17	17	17
412	188	188	188	188	184
545	329	340	332	332	329
112	31	35	31	31	31
589	258	261	273	258	261
161	-	-	-	-	-
39	22	22	18	22	22
64	20	20	20	24	20
95	-	-	-	4	-
254	91	91	95	95	95
45	6	10	10	10	6
419	4	-	4	-	4
37	-	-	-	-	-
73	-	-	-	-	-
100	-	-	-	-	-
354	-	-	-	-	-
97	65	63	63	63	63
1	2	-	-	-	-
1	-	-	-	-	-
1	1	1	1	1	1
28	17	17	17	17	17

11	-	-	-	-	-
42	40	40	40	40	40
6	3	3	3	3	3
-	-	-	-	-	-
-	-	-	-	-	-
1	-	-	-	-	-
1	1	1	1	1	1
-	-	-	-	-	-
1	-	-	-	-	-
-	-	-	-	-	-
2	1	1	1	1	1
1	-	-	-	-	-
1	-	-	-	-	-
98	64	24	25	24	24
4	41	1	1	1	1
1	-	-	-	-	-
9	4	4	4	4	4
10	6	6	6	6	6
2	1	1	1	1	1
20	9	9	10	9	9
3	-	-	-	-	-
1	1	1	1	1	1
1	-	-	-	-	-
3	-	-	-	-	-
7	2	2	2	2	2
1	-	-	-	-	-
20	-	-	-	-	-
1	-	-	-	-	-
2	-	-	-	-	-
2	-	-	-	-	-
11	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
129	534	129	129	129	129
4	409	4	4	4	4
2	2	2	2	2	2
7	7	7	7	7	7
2	2	2	2	2	2
4	4	4	4	4	4
10	10	10	10	10	10

6	6	6	6	6	6
8	8	8	8	8	8
2	2	2	2	2	2
7	7	7	7	7	7
9	9	9	9	9	9
4	4	4	4	4	4
3	3	3	3	3	3
6	6	6	6	6	6
14	14	14	14	14	14
11	11	11	11	11	11
30	30	30	30	30	30
7.737	7.737	7.737	7.737	7.737	7.737
172	172	172	172	172	172
195	195	195	195	195	195
239	239	239	239	239	239
507	507	507	507	507	507
311	311	311	311	311	311
668	668	668	668	668	668
834	834	834	834	834	834
185	185	185	185	185	185
116	116	116	116	116	116
558	558	558	558	558	558
402	402	402	402	402	402
205	205	205	205	205	205
486	486	486	486	486	486
160	160	160	160	160	160
1.045	1.045	1.045	1.045	1.045	1.045
512	512	512	512	512	512
1.142	1.142	1.142	1.142	1.142	1.142
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
11.569	9.676	8.978	8.979	8.968	8.959
3.508	1.276	1.025	1.025	1.015	1.006
97	65	63	63	63	63
98	64	24	25	24	24
-	-	-	-	-	-
129	534	129	129	129	129
7.737	7.737	7.737	7.737	7.737	7.737
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

30	31	32	33	34	35
74	74	74	74	73	73
-	-	-	-	-	-
-	-	-	-	-	-
41	41	41	41	41	41
-	-	-	-	-	-
1	1	1	1	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
21	21	21	21	21	21
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
11	11	11	11	11	11
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
275	275	275	275	16	16
-	-	-	-	-	-
-	-	-	-	-	-
5	5	5	5	1	1
1	1	1	1	-	-
242	242	242	242	7	7
-	-	-	-	-	-
17	17	17	17	2	2
1	1	1	1	-	-
5	5	5	5	5	5
-	-	-	-	-	-
1	1	1	1	1	1
-	-	-	-	-	-
-	-	-	-	-	-
3	3	3	3	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
179	179	179	179	179	179
9	9	9	9	9	9
16	16	16	16	16	16
1	1	1	1	1	1
5	5	5	5	5	5
10	10	10	10	10	10
5	5	5	5	5	5
6	6	6	6	6	6

21	21	21	21	21	21
4	4	4	4	4	4
2	2	2	2	2	2
13	13	13	13	13	13
8	8	8	8	8	8
1	1	1	1	1	1
5	5	5	5	5	5
4	4	4	4	4	4
8	8	8	8	8	8
4	4	4	4	4	4
54	54	54	54	54	54
3	3	3	3	3	3
448	450	450	450	437	435
8	8	8	8	8	8
73	75	75	75	75	73
8	8	8	8	7	7
4	4	4	4	4	4
20	20	20	20	8	8
8	8	8	8	8	8
10	10	10	10	10	10
22	22	22	22	22	22
7	7	7	7	7	7
3	3	3	3	3	3
11	11	11	11	11	11
10	10	10	10	10	10
3	3	3	3	3	3
5	5	5	5	5	5
3	3	3	3	3	3
35	35	35	35	35	35
13	13	13	13	13	13
171	171	171	171	171	171
34	34	34	34	34	34
5.304	5.304	5.304	5.304	5.304	5.304
106	106	106	106	106	106
762	762	762	762	762	762
34	34	34	34	34	34
170	170	170	170	170	170
424	424	424	424	424	424
113	113	113	113	113	113
261	261	261	261	261	261
302	302	302	302	302	302
88	88	88	88	88	88
68	68	68	68	68	68
327	327	327	327	327	327
147	147	147	147	147	147
38	38	38	38	38	38
120	120	120	120	120	120
63	63	63	63	63	63
371	371	371	371	371	371
226	226	226	226	226	226
1.624	1.624	1.624	1.624	1.624	1.624
60	60	60	60	60	60
12.157	12.134	12.924	12.789	12.751	12.183
195	205	195	202	209	195
1.323	1.430	1.416	1.427	1.438	1.323
79	82	82	83	85	79

326	355	352	354	356	326
333	366	365	366	366	337
211	162	222	224	227	211
952	981	981	981	981	953
368	398	396	397	397	397
130	137	136	137	127	121
60	68	68	68	68	60
345	368	450	368	369	345
233	256	254	255	257	233
61	65	65	65	66	61
168	184	184	184	184	169
108	114	112	113	115	108
1.262	891	1.320	1.339	1.359	1.262
511	411	537	541	546	511
4.627	5.103	4.891	4.769	4.667	4.627
865	558	898	916	934	865

-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

18.437	18.416	19.206	19.071	18.760	18.190
74	74	74	74	73	73
275	275	275	275	16	16
179	179	179	179	179	179
448	450	450	450	437	435
5.304	5.304	5.304	5.304	5.304	5.304
12.157	12.134	12.924	12.789	12.751	12.183
-	-	-	-	-	-
-	-	-	-	-	-

268	260	275	252	243	121
-	-	-	-	-	-
15	15	15	11	15	8
4	-	-	-	-	-
155	151	147	151	147	91
-	-	-	-	-	-
77	77	93	77	77	18
4	-	3	-	-	-
9	9	13	9	-	-
-	-	-	-	-	-
-	4	-	-	4	-
-	-	-	-	-	-
-	-	-	-	-	-
4	4	4	4	-	4
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
50	50	50	50	48	48
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
8	8	8	8	8	8

[illegible]

6	6	6	6	6	6
8	8	8	8	8	8
2	2	2	2	2	2
7	7	7	7	7	7
9	9	9	9	9	9
4	4	4	4	4	4
3	3	3	3	3	3
6	6	6	6	6	6
14	14	14	14	14	14
11	11	11	11	11	11
30	30	30	30	30	30
7.737	7.737	7.737	7.737	7.737	7.737
172	172	172	172	172	172
195	195	195	195	195	195
239	239	239	239	239	239
507	507	507	507	507	507
311	311	311	311	311	311
668	668	668	668	668	668
834	834	834	834	834	834
185	185	185	185	185	185
116	116	116	116	116	116
558	558	558	558	558	558
402	402	402	402	402	402
205	205	205	205	205	205
486	486	486	486	486	486
160	160	160	160	160	160
1.045	1.045	1.045	1.045	1.045	1.045
512	512	512	512	512	512
1.142	1.142	1.142	1.142	1.142	1.142
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
8.190	8.182	8.198	8.174	8.163	8.035
268	260	275	252	243	121
50	50	50	50	48	48
6	6	7	6	6	-
-	-	-	-	-	-
129	129	129	129	129	129
7.737	7.737	7.737	7.737	7.737	7.737
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

1	IOAP
4	IOAP
6	IOAP
11	IOAP
12	IOAP
13	IOAP
15	IOAP
16	IOAP
19	IOAP
21	IOAP
25	IOAP
27	IOAP
28	IOAP
29	IOAP
30	IOAP
32	IOAP
34	IOAP
35	IOAP
36	IOAP

1	IOAD
4	IOAD
6	IOAD
11	IOAD
12	IOAD
13	IOAD
15	IOAD
16	IOAD
19	IOAD
21	IOAD
25	IOAD
27	IOAD
28	IOAD
29	IOAD
30	IOAD
32	IOAD
34	IOAD
35	IOAD
36	IOAD

1	ISAP
4	ISAP
6	ISAP
11	ISAP
12	ISAP
13	ISAP
15	ISAP

16	ISAP
19	ISAP
21	ISAP
25	ISAP
27	ISAP
28	ISAP
29	ISAP
30	ISAP
32	ISAP
34	ISAP
35	ISAP
36	ISAP

1	ISAD
4	ISAD
6	ISAD
11	ISAD
12	ISAD
13	ISAD
15	ISAD
16	ISAD
19	ISAD
21	ISAD
25	ISAD
27	ISAD
28	ISAD
29	ISAD
30	ISAD
32	ISAD
34	ISAD
35	ISAD
36	ISAD

1	IEAP
4	IEAP
6	IEAP
11	IEAP
12	IEAP
13	IEAP
15	IEAP
16	IEAP
19	IEAP
21	IEAP
25	IEAP
27	IEAP
28	IEAP
29	IEAP
30	IEAP
32	IEAP
34	IEAP
35	IEAP
36	IEAP

1	IEAD
4	IEAD
6	IEAD

11	IEAD
12	IEAD
13	IEAD
15	IEAD
16	IEAD
19	IEAD
21	IEAD
25	IEAD
27	IEAD
28	IEAD
29	IEAD
30	IEAD
32	IEAD
34	IEAD
35	IEAD
36	IEAD

1	IEAD
---	------

1	IOEC
6	IOEC
11	IOEC
12	IOEC
13	IOEC
15	IOEC
16	IOEC
19	IOEC
21	IOEC
25	IOEC
27	IOEC
28	IOEC
29	IOEC
30	IOEC
32	IOEC
34	IOEC
36	IOEC

1	IOET
6	IOET
11	IOET
12	IOET

13	IOET
15	IOET
16	IOET
19	IOET
21	IOET
25	IOET
27	IOET
28	IOET
29	IOET
30	IOET
32	IOET
34	IOET
36	IOET

1	ISEC
6	ISEC
11	ISEC
12	ISEC
13	ISEC
15	ISEC
16	ISEC
19	ISEC
21	ISEC
25	ISEC
27	ISEC
28	ISEC
29	ISEC
30	ISEC
32	ISEC
34	ISEC
36	ISEC

1	ISSET
6	ISSET
11	ISSET
12	ISSET
13	ISSET
15	ISSET
16	ISSET
19	ISSET
21	ISSET
25	ISSET
27	ISSET
28	ISSET
29	ISSET
30	ISSET
32	ISSET
34	ISSET
36	ISSET

1	IEEC
6	IEEC
11	IEEC
12	IEEC
13	IEEC
15	IEEC

16	IEEC
19	IEEC
21	IEEC
25	IEEC
27	IEEC
28	IEEC
29	IEEC
30	IEEC
32	IEEC
34	IEEC
36	IEEC

1	IEET
6	IEET
11	IEET
12	IEET
13	IEET
15	IEET
16	IEET
19	IEET
21	IEET
25	IEET
27	IEET
28	IEET
29	IEET
30	IEET
32	IEET
34	IEET
36	IEET

Projeto de Concessão Regionalizada dos Serviços de Abastecimento de Água e Esgo

Premissas Operacionais

Ano do Contrato de Concessão

0

1

Tabela 3 - Distribuição da Economias por Categoria

1 Carapebus	
Tarifa Social	0,00%
Residencial sem Tarifa Social	97,99%
Não Residencial	2,01%
2 Rio das Ostras	
Tarifa Social	0,07%
Residencial sem Tarifa Social	81,68%
Não Residencial	18,25%
3 Trajano de Moraes	
Tarifa Social	0,00%
Residencial sem Tarifa Social	97,30%
Não Residencial	2,70%
4 Pinheiral	
Tarifa Social	0,00%
Residencial sem Tarifa Social	90,00%
Não Residencial	10,00%
5 Pirai	
Tarifa Social	0,00%
Residencial sem Tarifa Social	96,89%
Não Residencial	3,11%
6 Rio Claro	
Tarifa Social	0,00%
Residencial sem Tarifa Social	97,32%
Não Residencial	2,68%
7 Vassouras	
Tarifa Social	0,00%
Residencial sem Tarifa Social	88,77%
Não Residencial	11,23%
8 Bom Jesus do Itabapoana	
Tarifa Social	0,08%
Residencial sem Tarifa Social	89,30%
Não Residencial	10,62%
9 Natividade	
Tarifa Social	1,38%
Residencial sem Tarifa Social	90,78%
Não Residencial	7,84%
10 Sao Jose de Uba	
Tarifa Social	0,00%
Residencial sem Tarifa Social	90,14%
Não Residencial	9,86%

11	Sao Fidelis		
	Tarifa Social		0,04%
	Residencial sem Tarifa Social		94,06%
	Não Residencial		5,90%
12	Bom Jardim		
	Tarifa Social		0,00%
	Residencial sem Tarifa Social		92,09%
	Não Residencial		7,91%
13	Macuco		
	Tarifa Social		0,00%
	Residencial sem Tarifa Social		69,78%
	Não Residencial		30,22%
14	Sapucaia		
	Tarifa Social		0,00%
	Residencial sem Tarifa Social		94,59%
	Não Residencial		5,41%
15	Sumidouro		
	Tarifa Social		0,00%
	Residencial sem Tarifa Social		81,21%
	Não Residencial		18,79%
16	Itaguaí		
	Tarifa Social		0,17%
	Residencial sem Tarifa Social		72,96%
	Não Residencial		26,87%
17	Paracambi		
	Tarifa Social		0,00%
	Residencial sem Tarifa Social		88,36%
	Não Residencial		11,64%
18	Rio de Janeiro - AP5		
	Tarifa Social		20,55%
	Residencial sem Tarifa Social		63,55%
	Não Residencial		15,90%
19	Seropédica		
	Tarifa Social		0,00%
	Residencial sem Tarifa Social		54,53%
	Não Residencial		45,47%

Tabela 4 - Índice de Atendimento - Água

1	Carapebus	20%	20%
2	Rio das Ostras	73%	73%
3	Trajano de Moraes	56%	56%
4	Pinheiral	83%	83%
5	Pirai	99%	99%
6	Rio Claro	71%	71%
7	Vassouras	99%	99%
8	Bom Jesus do Itabapoana	86%	86%
9	Natividade	90%	90%
10	Sao Jose de Uba	94%	94%
11	Sao Fidelis	87%	87%
12	Bom Jardim	84%	84%

13	Macuco	89%	89%
14	Sapucaia	98%	98%
15	Sumidouro	50%	50%
16	Itaguai	66%	66%
17	Paracambi	76%	76%
18	Rio de Janeiro - AP5	97%	97%
19	Seropedica	58%	58%

Tabela 5 - Economias - Água

1	Carapebus	1.059	1.094
2	Rio das Ostras	42.437	43.386
3	Trajano de Moraes	1.192	1.230
4	Pinheiral	7.481	7.678
5	Pirai	8.705	8.958
6	Rio Claro	4.514	4.614
7	Vassouras	10.384	10.645
8	Bom Jesus do Itabapoana	11.390	11.632
9	Natividade	4.303	4.353
10	Sao Jose de Uba	1.636	1.699
11	Sao Fidelis	11.631	11.823
12	Bom Jardim	6.828	7.034
13	Macuco	1.869	1.907
14	Sapucaia	5.719	5.844
15	Sumidouro	1.833	1.869
16	Itaguai	30.677	31.418
17	Paracambi	13.688	13.949
18	Rio de Janeiro - AP5	542.614	553.843
19	Seropedica	17.163	17.638
	TOTAL	725.125	740.612

Tabela 6 - Relação Economias/Ligações

1	Carapebus	1,10	1,10
2	Rio das Ostras	1,35	1,35
3	Trajano de Moraes	1,15	1,15
4	Pinheiral	1,04	1,04
5	Pirai	1,10	1,10
6	Rio Claro	1,12	1,12
7	Vassouras	1,28	1,28
8	Bom Jesus do Itabapoana	1,18	1,18
9	Natividade	1,11	1,11
10	Sao Jose de Uba	1,14	1,14
11	Sao Fidelis	1,24	1,24
12	Bom Jardim	1,30	1,30
13	Macuco	1,17	1,17
14	Sapucaia	1,14	1,14
15	Sumidouro	1,13	1,13
16	Itaguai	1,37	1,37
17	Paracambi	1,23	1,23
18	Rio de Janeiro - AP5	2,07	2,07
19	Seropedica	1,34	1,34

Tabela 7 - Ligações - Água

1	Carapebus	959	992
2	Rio das Ostras	31.350	32.050
3	Trajano de Moraes	1.037	1.069
4	Pinheiral	7.193	7.383

5	Pirai	7.914	8.143
6	Rio Claro	4.031	4.119
7	Vassouras	8.113	8.316
8	Bom Jesus do Itabapoana	9.632	9.836
9	Natividade	3.890	3.935
10	Sao Jose de Uba	1.440	1.495
11	Sao Fidelis	9.369	9.523
12	Bom Jardim	5.247	5.405
13	Macuco	1.601	1.633
14	Sapucaia	5.026	5.136
15	Sumidouro	1.628	1.660
16	Itaguaí	22.392	22.933
17	Paracambi	11.128	11.340
18	Rio de Janeiro - AP5	262.132	267.557
19	Seropédica	12.808	13.162
	TOTAL	406.890	415.690

Tabela 8 - Volume Faturado de Água (m³/ano)

1	Carapebus	47.523
1	Tarifa Social	-
1	Residencial	46.568
1	Comercial	684
1	Industrial	-
1	Pública	271
2	Rio das Ostras	2.063.139
2	Tarifa Social	1.398
2	Residencial	1.685.218
2	Comercial	269.796
2	Industrial	20.784
2	Pública	85.943
3	Trajano de Moraes	115.007
3	Tarifa Social	-
3	Residencial	111.902
3	Comercial	744
3	Industrial	-
3	Pública	2.361
4	Pinheiral	704.089
4	Tarifa Social	31
4	Residencial	633.649
4	Comercial	31.860
4	Industrial	4.244
4	Pública	34.305
5	Pirai	1.155.126
5	Tarifa Social	-
5	Residencial	1.119.202
5	Comercial	15.696
5	Industrial	1.033
5	Pública	19.196
6	Rio Claro	533.570
6	Tarifa Social	-
6	Residencial	519.271
6	Comercial	5.235
6	Industrial	-

6	Pública	9.065
7	Vassouras	1.466.370
7	Tarifa Social	-
7	Residencial	1.301.696
7	Comercial	57.720
7	Industrial	1.159
7	Pública	105.795
8	Bom Jesus do Itabapoana	1.192.196
8	Tarifa Social	1.000
8	Residencial	1.064.585
8	Comercial	51.882
8	Industrial	262
8	Pública	74.468
9	Natividade	567.170
9	Tarifa Social	7.815
9	Residencial	514.888
9	Comercial	14.507
9	Industrial	561
9	Pública	29.397
10	Sao Jose de Uba	149.891
10	Tarifa Social	-
10	Residencial	135.112
10	Comercial	4.502
10	Industrial	-
10	Pública	10.277
11	Sao Fidelis	1.033.739
11	Tarifa Social	454
11	Residencial	972.294
11	Comercial	40.918
11	Industrial	7.758
11	Pública	12.315
12	Bom Jardim	760.491
12	Tarifa Social	-
12	Residencial	700.337
12	Comercial	35.343
12	Industrial	2.044
12	Pública	22.769
13	Macuco	360.846
13	Tarifa Social	-
13	Residencial	251.799
13	Comercial	40.957
13	Industrial	2.200
13	Pública	65.891
14	Sapucaia	707.106
14	Tarifa Social	-
14	Residencial	668.851
14	Comercial	11.239
14	Industrial	1.810
14	Pública	25.205
15	Sumidouro	217.971

15	Tarifa Social	-
15	Residencial	177.015
15	Comercial	10.313
15	Industrial	610
15	Pública	30.034
16	Itaguaí	2.450.011
16	Tarifa Social	4.242
16	Residencial	1.787.451
16	Comercial	152.092
16	Industrial	382.308
16	Pública	123.917
17	Paracambi	772.553
17	Tarifa Social	-
17	Residencial	682.628
17	Comercial	17.573
17	Industrial	39.203
17	Pública	33.149
18	Rio de Janeiro - AP5	66.725.069
18	Tarifa Social	13.713.823
18	Residencial	42.403.127
18	Comercial	3.472.562
18	Industrial	1.554.194
18	Pública	5.581.364
19	Seropédica	1.673.582
19	Tarifa Social	3
19	Residencial	912.602
19	Comercial	71.758
19	Industrial	16.207
19	Pública	673.013
TOTAL		82.695.451
	Tarifa Social	13.728.766
	Residencial	55.688.194
	Comercial	4.305.380
	Industrial	2.034.376
	Pública	6.938.735

Tabela 9 - Índice de Perdas

1	Carapebus	42,80%	42,80%
2	Rio das Ostras	25,00%	25,00%
3	Trajano de Moraes	37,65%	37,65%
4	Pinheiral	48,00%	48,00%
5	Pirai	52,00%	52,00%
6	Rio Claro	25,00%	25,00%
7	Vassouras	29,00%	29,00%
8	Bom Jesus do Itabapoana	52,31%	52,31%
9	Natividade	63,75%	63,75%
10	Sao Jose de Uba	31,00%	31,00%
11	Sao Fidelis	60,61%	60,61%
12	Bom Jardim	35,00%	35,00%
13	Macuco	30,00%	30,00%
14	Sapucaia	47,00%	47,00%
15	Sumidouro	25,00%	25,00%
16	Itaguaí	26,20%	26,20%

17	Paracambi	25,00%	25,00%
18	Rio de Janeiro - AP5	39,00%	39,00%
19	Seropedica	26,70%	26,70%

Tabela 10 - Volume Demandado - Água (m³/ano)

1	Carapebus	249.447
2	Rio das Ostras	10.020.643
3	Trajano de Moraes	300.905
4	Pinheiral	1.749.755
5	Pirai	2.306.070
6	Rio Claro	949.297
7	Vassouras	2.222.203
8	Bom Jesus do Itabapoana	2.811.765
9	Natividade	1.103.894
10	Sao Jose de Uba	344.613
11	Sao Fidelis	2.858.818
12	Bom Jardim	1.455.030
13	Macuco	454.751
14	Sapucaia	1.295.831
15	Sumidouro	374.204
16	Itaguaí	8.562.387
17	Paracambi	3.431.541
18	Rio de Janeiro - AP5	148.810.996
19	Seropedica	4.501.008
	TOTAL	193.803.158

Tabela 11 - Índice de Atendimento - Esgoto

1	Carapebus	13%	13%
2	Rio das Ostras	0%	0%
3	Trajano de Moraes	0%	0%
4	Pinheiral	65%	65%
5	Pirai	24%	24%
6	Rio Claro	26%	26%
7	Vassouras	75%	75%
8	Bom Jesus do Itabapoana	0%	0%
9	Natividade	60%	60%
10	Sao Jose de Uba	0%	0%
11	Sao Fidelis	42%	42%
12	Bom Jardim	0%	0%
13	Macuco	54%	54%
14	Sapucaia	63%	63%
15	Sumidouro	10%	10%
16	Itaguaí	27%	27%
17	Paracambi	75%	75%
18	Rio de Janeiro - AP5	0%	0%
19	Seropedica	24%	24%

Tabela 12 - Economias - Esgoto

1	Carapebus	700	724
2	Rio das Ostras	-	-
3	Trajano de Moraes	-	-
4	Pinheiral	5.821	5.974
5	Pirai	2.138	2.200
6	Rio Claro	3.536	3.610
7	Vassouras	7.876	8.073
8	Bom Jesus do Itabapoana	-	-

9	Natividade	3.113	3.149
10	Sao Jose de Uba	-	-
11	Sao Fidelis	5.521	5.615
12	Bom Jardim	1.070	1.102
13	Macuco	1.121	1.144
14	Sapucaia	3.666	3.763
15	Sumidouro	352	359
16	Itaguai	12.877	13.188
17	Paracambi	13.463	13.719
18	Rio de Janeiro - AP5	-	-
19	Seropedica	7.106	7.302
	TOTAL	68.359	69.923

Tabela 13 - Ligações - Esgoto

1	Carapebus	631	652
2	Rio das Ostras	-	-
3	Trajano de Moraes	-	-
4	Pinheiral	5.440	5.584
5	Pirai	1.943	2.000
6	Rio Claro	3.129	3.194
7	Vassouras	270	6.307
8	Bom Jesus do Itabapoana	-	-
9	Natividade	2.590	2.621
10	Sao Jose de Uba	-	-
11	Sao Fidelis	4.715	4.795
12	Bom Jardim	792	816
13	Macuco	667	681
14	Sapucaia	2.069	2.129
15	Sumidouro	313	319
16	Itaguai	8.679	8.889
17	Paracambi	10.277	10.473
18	Rio de Janeiro - AP5	-	-
19	Seropedica	5.551	5.705
	TOTAL	47.068	54.165

Tabela 14 - Volume de Esgoto Faturado (m³/ano)

1	Carapebus	31.422
1	Tarifa Social	-
1	Residencial	30.790
1	Comercial	452
1	Industrial	-
1	Pública	179
2	Rio das Ostras	-
2	Tarifa Social	-
2	Residencial	-
2	Comercial	-
2	Industrial	-
2	Pública	-
3	Trajano de Moraes	-
3	Tarifa Social	-
3	Residencial	-
3	Comercial	-
3	Industrial	-
3	Pública	-

4	Pinheiral	547.857
4	Tarifa Social	24
4	Residencial	493.047
4	Comercial	24.790
4	Industrial	3.302
4	Pública	26.693
5	Pirai	288.410
5	Tarifa Social	-
5	Residencial	279.441
5	Comercial	3.919
5	Industrial	258
5	Pública	4.793
6	Rio Claro	199.560
6	Tarifa Social	-
6	Residencial	194.212
6	Comercial	1.958
6	Industrial	-
6	Pública	3.390
7	Vassouras	1.107.753
7	Tarifa Social	-
7	Residencial	983.353
7	Comercial	43.604
7	Industrial	875
7	Pública	79.922
8	Bom Jesus do Itabapoana	-
8	Tarifa Social	-
8	Residencial	-
8	Comercial	-
8	Industrial	-
8	Pública	-
9	Natividade	381.536
9	Tarifa Social	5.257
9	Residencial	346.366
9	Comercial	9.759
9	Industrial	378
9	Pública	19.776
10	Sao Jose de Uba	-
10	Tarifa Social	-
10	Residencial	-
10	Comercial	-
10	Industrial	-
10	Pública	-
11	Sao Fidelis	495.220
11	Tarifa Social	218
11	Residencial	465.784
11	Comercial	19.602
11	Industrial	3.717
11	Pública	5.899
12	Bom Jardim	-
12	Tarifa Social	-
12	Residencial	-

12	Comercial	-
12	Industrial	-
12	Pública	-
13	Macuco	216.477
13	Tarifa Social	-
13	Residencial	151.057
13	Comercial	24.571
13	Industrial	1.320
13	Pública	39.529
14	Sapucaia	466.399
14	Tarifa Social	-
14	Residencial	441.167
14	Comercial	7.413
14	Industrial	1.194
14	Pública	16.625
15	Sumidouro	41.900
15	Tarifa Social	-
15	Residencial	34.027
15	Comercial	1.982
15	Industrial	117
15	Pública	5.773
16	Itaguai	1.026.576
16	Tarifa Social	1.777
16	Residencial	748.958
16	Comercial	63.728
16	Industrial	160.191
16	Pública	51.922
17	Paracambi	759.838
17	Tarifa Social	-
17	Residencial	671.393
17	Comercial	17.284
17	Industrial	38.558
17	Pública	32.603
18	Rio de Janeiro - AP5	-
18	Tarifa Social	-
18	Residencial	-
18	Comercial	-
18	Industrial	-
18	Pública	-
19	Seropedica	692.895
19	Tarifa Social	1
19	Residencial	377.834
19	Comercial	29.709
19	Industrial	6.710
19	Pública	278.640
TOTAL		6.255.844
	Tarifa Social	7.278
	Residencial	5.217.430
	Comercial	248.772
	Industrial	216.619
	Pública	565.745



tamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 3

2	3	4	5	6	7
0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
97,28%	96,56%	95,85%	95,13%	94,42%	93,70%
2,01%	2,01%	2,01%	2,01%	2,01%	2,01%
0,77%	1,48%	2,18%	2,89%	3,59%	4,30%
80,98%	80,27%	79,57%	78,86%	78,16%	77,45%
18,25%	18,25%	18,25%	18,25%	18,25%	18,25%
0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
96,59%	95,88%	95,17%	94,45%	93,73%	93,01%
2,70%	2,69%	2,69%	2,69%	2,70%	2,70%
0,72%	1,43%	2,15%	2,86%	3,57%	4,29%
89,28%	88,57%	87,85%	87,14%	86,43%	85,71%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
96,18%	95,46%	94,75%	94,03%	93,31%	92,59%
3,11%	3,11%	3,11%	3,11%	3,12%	3,12%
0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
96,61%	95,89%	95,18%	94,47%	93,76%	93,04%
2,68%	2,68%	2,68%	2,67%	2,67%	2,67%
0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
88,07%	87,35%	86,64%	85,92%	85,22%	84,50%
11,22%	11,22%	11,22%	11,22%	11,21%	11,21%
0,79%	1,49%	2,19%	2,89%	3,60%	4,30%
88,60%	87,91%	87,22%	86,51%	85,80%	85,10%
10,61%	10,60%	10,59%	10,60%	10,60%	10,60%
1,90%	2,41%	2,93%	3,45%	3,97%	4,48%
90,26%	89,74%	89,22%	88,70%	88,17%	87,66%
7,84%	7,85%	7,85%	7,85%	7,86%	7,86%
0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
89,43%	88,71%	88,00%	87,28%	86,57%	85,85%
9,86%	9,86%	9,86%	9,86%	9,86%	9,86%

0,75%	1,46%	2,17%	2,88%	3,58%	4,29%
93,66%	92,93%	92,19%	91,46%	90,73%	90,00%
5,59%	5,61%	5,64%	5,66%	5,69%	5,71%

0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
91,41%	90,71%	90,03%	89,31%	88,61%	87,90%
7,88%	7,86%	7,83%	7,83%	7,82%	7,81%

0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
69,07%	68,35%	67,64%	66,92%	66,21%	65,49%
30,22%	30,22%	30,22%	30,22%	30,22%	30,22%

0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
93,84%	93,08%	92,34%	91,59%	90,85%	90,10%
5,45%	5,49%	5,52%	5,55%	5,58%	5,61%

0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
80,50%	79,78%	79,07%	78,35%	77,64%	76,92%
18,79%	18,79%	18,79%	18,79%	18,79%	18,79%

0,86%	1,55%	2,24%	2,93%	3,62%	4,31%
72,27%	71,58%	70,89%	70,20%	69,51%	68,82%
26,87%	26,87%	26,87%	26,87%	26,87%	26,87%

0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
87,65%	86,93%	86,22%	85,50%	84,79%	84,07%
11,64%	11,64%	11,64%	11,64%	11,64%	11,64%

20,51%	20,47%	20,44%	20,40%	20,36%	20,32%
63,43%	63,31%	63,19%	63,07%	62,94%	62,82%
16,06%	16,22%	16,38%	16,54%	16,70%	16,86%

0,71%	1,43%	2,14%	2,86%	3,57%	4,29%
53,82%	53,10%	52,39%	51,67%	50,96%	50,24%
45,47%	45,47%	45,47%	45,47%	45,47%	45,47%

28%	36%	44%	52%	59%	67%
76%	78%	81%	84%	86%	89%
60%	64%	69%	73%	77%	82%
85%	87%	88%	90%	91%	93%
99%	99%	99%	99%	99%	99%
78%	99%	92%	99%	99%	99%
99%	99%	99%	99%	99%	99%
87%	88%	90%	91%	92%	94%
91%	92%	93%	94%	95%	95%
95%	95%	96%	96%	97%	97%
89%	90%	91%	92%	93%	94%
86%	87%	89%	90%	92%	93%

90%	91%	92%	93%	94%	95%
98%	98%	98%	98%	98%	99%
55%	60%	65%	70%	75%	80%
74%	99%	91%	99%	99%	99%
82%	87%	93%	99%	99%	99%
97%	97%	98%	98%	98%	99%
68%	99%	99%	99%	99%	99%

1.578	2.090	2.630	3.182	3.758	4.358
45.898	48.476	51.122	53.403	55.724	58.085
1.399	1.575	1.760	1.938	2.122	2.311
8.022	8.374	8.733	9.072	9.417	9.769
9.214	9.470	9.727	9.976	10.226	10.476
5.181	5.769	6.376	6.971	7.078	7.185
10.905	11.165	11.426	11.658	11.891	12.124
12.059	12.492	12.934	13.324	13.720	14.122
4.446	4.540	4.635	4.713	4.792	4.871
1.770	1.842	1.915	1.976	2.038	2.100
12.160	12.503	12.850	13.149	13.454	13.760
7.367	7.707	8.054	8.362	8.676	8.995
1.967	2.027	2.088	2.140	2.193	2.246
5.975	6.107	6.239	6.335	6.432	6.529
2.089	2.316	2.549	2.774	3.004	3.238
36.251	41.272	46.482	51.606	52.451	53.296
15.289	16.670	18.090	19.460	19.710	19.961
565.119	574.360	583.536	594.823	603.910	612.926
21.288	25.104	29.087	33.052	33.676	34.299
767.976	793.860	820.232	847.917	864.270	880.649

1,10	1,10	1,10	1,10	1,10	1,10
1,35	1,35	1,35	1,35	1,35	1,35
1,15	1,15	1,15	1,15	1,15	1,15
1,04	1,04	1,04	1,04	1,04	1,04
1,10	1,10	1,10	1,10	1,10	1,10
1,12	1,12	1,12	1,12	1,12	1,12
1,28	1,28	1,28	1,28	1,28	1,28
1,18	1,18	1,18	1,18	1,18	1,18
1,11	1,11	1,11	1,11	1,11	1,11
1,14	1,14	1,14	1,14	1,14	1,14
1,17	1,17	1,17	1,17	1,17	1,17
1,30	1,30	1,30	1,30	1,30	1,30
1,17	1,17	1,17	1,17	1,17	1,17
1,14	1,14	1,14	1,14	1,14	1,14
1,13	1,13	1,13	1,13	1,13	1,13
1,37	1,37	1,37	1,37	1,37	1,37
1,23	1,23	1,23	1,23	1,23	1,23
2,07	2,07	2,07	2,07	2,07	2,07
1,34	1,34	1,34	1,34	1,34	1,34

1.430	1.893	2.383	2.883	3.405	3.948
33.906	35.811	37.766	39.450	41.165	42.909
1.216	1.370	1.530	1.685	1.845	2.010
7.714	8.052	8.397	8.723	9.055	9.393

8.376	8.609	8.843	9.069	9.296	9.524
4.626	5.151	5.693	6.224	6.319	6.415
8.520	8.723	8.926	9.108	9.290	9.472
10.197	10.564	10.937	11.267	11.602	11.941
4.019	4.105	4.191	4.261	4.332	4.404
1.557	1.621	1.685	1.739	1.793	1.847
10.385	10.677	10.974	11.229	11.489	11.751
5.661	5.923	6.190	6.426	6.667	6.913
1.684	1.736	1.788	1.833	1.878	1.924
5.251	5.367	5.483	5.568	5.653	5.738
1.855	2.057	2.265	2.464	2.668	2.876
26.461	30.126	33.928	37.669	38.285	38.902
12.430	13.553	14.707	15.821	16.025	16.228
273.004	277.469	281.901	287.354	291.744	296.099
15.886	18.734	21.707	24.666	25.131	25.596
434.179	451.539	469.292	487.440	497.643	507.890

127.428	207.969	289.151	370.984	453.475	536.632
910	2.971	6.196	10.600	16.196	22.999
123.957	200.817	277.143	352.928	428.165	502.847
1.835	2.994	4.163	5.341	6.529	7.726
-	-	-	-	-	-
727	1.186	1.649	2.116	2.586	3.060
2.943.430	3.823.721	4.704.012	5.584.303	6.464.593	7.344.884
22.734	56.475	102.621	161.173	232.130	315.492
2.383.520	3.069.417	3.742.908	4.403.994	5.052.675	5.688.951
384.911	500.026	615.142	730.257	845.372	960.488
29.652	38.520	47.388	56.256	65.124	73.992
122.613	159.283	195.952	232.622	269.292	305.962
142.585	170.370	198.359	226.556	254.959	283.581
1.018	2.434	4.251	6.473	9.106	12.153
137.717	163.353	188.772	213.989	238.970	263.770
922	1.098	1.279	1.460	1.649	1.835
-	-	-	-	-	-
2.927	3.485	4.057	4.634	5.234	5.822
791.521	878.953	966.385	1.053.816	1.141.248	1.228.680
5.684	12.584	20.733	30.129	40.773	52.665
706.685	778.473	849.013	918.306	986.350	1.053.146
35.816	39.772	43.728	47.685	51.641	55.597
4.771	5.298	5.825	6.352	6.879	7.406
38.565	42.825	47.085	51.345	55.605	59.865
1.205.757	1.256.742	1.308.083	1.359.786	1.411.719	1.464.149
8.613	17.953	28.030	38.851	50.419	62.749
1.159.646	1.199.704	1.239.372	1.278.645	1.317.255	1.355.719
16.384	17.076	17.774	18.477	19.244	19.959
1.078	1.124	1.169	1.216	1.266	1.313
20.037	20.885	21.738	22.597	23.536	24.410
579.830	626.406	673.301	720.533	768.079	815.955
4.142	8.949	14.428	20.587	27.431	34.969
560.149	600.669	640.829	680.708	720.140	759.199
5.689	6.146	6.606	7.043	7.508	7.975
-	-	-	-	-	-

9.851	10.642	11.439	12.195	13.000	13.811
1.517.558	1.568.975	1.620.739	1.672.854	1.725.458	1.778.288
10.840	22.414	34.730	47.796	61.623	76.212
1.336.448	1.370.522	1.404.162	1.437.364	1.470.411	1.502.730
59.681	61.703	63.739	65.789	67.797	69.873
1.198	1.239	1.280	1.321	1.361	1.403
109.390	113.097	116.828	120.585	124.266	128.071
1.296.441	1.401.713	1.508.028	1.615.248	1.723.603	1.833.038
10.192	20.864	33.038	46.731	61.970	78.778
1.148.696	1.232.267	1.315.290	1.397.301	1.478.931	1.559.957
56.365	60.885	65.441	70.160	74.866	79.620
284	307	330	354	377	401
80.903	87.390	93.929	100.703	107.458	114.281
585.723	604.402	623.235	642.211	661.314	680.580
11.102	14.583	18.262	22.141	26.222	30.507
528.701	542.373	556.048	569.656	583.113	596.579
14.982	15.479	15.962	16.448	16.959	17.453
580	599	618	637	656	675
30.359	31.367	32.344	33.329	34.364	35.365
167.369	184.978	202.719	220.595	238.606	256.754
1.195	2.643	4.344	6.303	8.522	11.004
149.671	164.097	178.387	192.542	206.558	220.435
5.027	5.556	6.089	6.626	7.167	7.712
-	-	-	-	-	-
11.476	12.683	13.899	15.125	16.360	17.604
1.140.977	1.243.620	1.346.028	1.448.548	1.550.807	1.653.204
8.579	18.156	29.181	41.660	55.581	70.955
1.068.617	1.155.696	1.240.931	1.324.900	1.406.985	1.487.851
42.789	46.805	50.931	55.004	59.199	63.330
8.113	8.875	9.657	10.429	11.225	12.008
12.878	14.087	15.328	16.554	17.817	19.060
826.569	893.036	960.080	1.027.288	1.095.069	1.163.325
5.904	12.758	20.573	29.351	39.110	49.857
755.531	810.085	864.333	917.501	970.325	1.022.612
38.268	41.240	44.167	47.259	50.313	53.380
2.213	2.385	2.554	2.733	2.909	3.086
24.653	26.568	28.454	30.445	32.413	34.389
371.753	382.727	393.768	404.877	416.054	427.301
2.655	5.468	8.438	11.568	14.859	18.313
256.754	261.599	266.333	270.955	275.464	279.858
42.195	43.441	44.694	45.955	47.223	48.500
2.267	2.333	2.401	2.468	2.537	2.605
67.882	69.886	71.902	73.931	75.972	78.025
734.930	762.938	791.177	819.607	848.230	877.049
5.250	10.899	16.954	23.417	30.294	37.588
689.627	710.154	730.550	750.702	770.605	790.258
11.768	12.306	12.831	13.365	13.906	14.456
1.895	1.981	2.066	2.152	2.239	2.328
26.391	27.598	28.776	29.972	31.186	32.419
259.184	300.643	342.350	384.308	426.520	468.987

1.851	4.295	7.336	10.980	15.233	20.099
208.632	239.857	270.686	301.117	331.144	360.765
12.263	14.224	16.197	18.182	20.180	22.189
726	842	958	1.076	1.194	1.313
35.712	41.425	47.172	52.953	58.769	64.621
3.168.062	3.886.114	4.604.165	5.322.217	6.040.268	6.758.319
27.331	60.322	103.216	156.013	218.712	291.314
2.289.473	2.781.593	3.263.810	3.736.124	4.198.536	4.651.045
196.668	241.243	285.818	330.394	374.969	419.545
494.355	606.403	718.450	830.497	942.544	1.054.592
160.235	196.553	232.871	269.189	305.506	341.824
980.693	1.190.161	1.400.972	1.613.137	1.826.669	2.041.583
7.005	17.002	30.021	46.090	65.238	87.496
859.535	1.034.624	1.207.878	1.379.278	1.548.807	1.716.447
22.308	27.073	31.868	36.694	41.552	46.440
49.765	60.394	71.092	81.858	92.694	103.599
42.080	51.068	60.113	69.217	78.379	87.601
70.243.289	75.071.336	81.820.563	90.787.966	95.265.498	99.134.421
14.409.447	15.370.502	16.720.382	18.517.410	19.393.412	20.142.256
44.553.997	47.525.576	51.699.404	57.255.814	59.964.413	62.279.835
3.692.450	3.985.564	4.386.737	4.915.067	5.207.367	5.470.771
1.652.608	1.783.795	1.963.345	2.199.807	2.330.630	2.448.520
5.934.786	6.405.900	7.050.696	7.899.868	8.369.675	8.793.038
2.331.880	2.990.178	3.648.476	4.306.774	4.965.072	5.623.370
16.659	42.720	78.185	123.054	177.326	241.003
1.254.915	1.587.824	1.911.329	2.225.430	2.530.127	2.825.421
99.984	128.209	156.435	184.661	212.886	241.112
22.582	28.957	35.332	41.707	48.081	54.456
937.741	1.202.468	1.467.195	1.731.923	1.996.650	2.261.378
89.414.979	97.444.979	107.401.591	119.581.607	127.277.244	134.370.099
14.561.112	15.703.992	17.280.919	19.350.325	20.544.157	21.656.411
60.172.271	65.428.701	71.847.180	79.607.253	84.478.974	88.917.425
4.740.304	5.250.841	5.869.600	6.615.865	7.126.327	7.607.959
2.272.086	2.543.051	2.862.464	3.238.862	3.509.717	3.767.699
7.669.206	8.518.394	9.541.428	10.769.303	11.618.069	12.420.605

40,82%	38,84%	36,87%	34,89%	32,91%	30,93%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
36,24%	34,84%	33,43%	32,03%	30,62%	29,22%
45,44%	42,89%	40,33%	37,78%	35,22%	32,67%
49,00%	46,00%	43,00%	40,00%	37,00%	34,00%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
28,56%	28,11%	27,67%	27,22%	26,78%	26,33%
49,28%	46,24%	43,21%	40,17%	37,14%	34,10%
59,44%	55,14%	50,83%	46,53%	42,22%	37,92%
30,33%	29,67%	29,00%	28,33%	27,67%	27,00%
56,65%	52,70%	48,74%	44,78%	40,83%	36,87%
33,89%	32,78%	31,67%	30,56%	29,44%	28,33%
29,44%	28,89%	28,33%	27,78%	27,22%	26,67%
44,56%	42,11%	39,67%	37,22%	34,78%	32,33%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
26,07%	25,93%	25,80%	25,67%	25,53%	25,40%

25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
39,00%	37,80%	35,30%	31,00%	28,10%	25,80%
26,51%	26,32%	26,13%	25,94%	25,76%	25,57%

345.996	443.577	537.384	630.155	716.780	805.681
10.303.620	10.516.655	10.773.158	10.950.482	11.047.345	11.193.015
322.976	346.670	368.043	386.432	406.755	423.998
1.751.958	1.753.140	1.763.637	1.761.040	1.757.244	1.752.537
2.266.224	2.226.727	2.174.279	2.132.968	2.091.942	2.038.301
1.034.531	1.302.934	1.205.240	1.281.074	1.264.037	1.246.355
2.206.771	2.202.002	2.183.402	2.160.999	2.150.188	2.124.838
2.778.142	2.743.309	2.707.529	2.664.000	2.619.961	2.575.060
1.067.643	1.027.180	994.307	961.355	929.710	899.528
347.629	352.066	356.186	358.380	360.291	361.810
2.810.977	2.748.988	2.688.613	2.623.782	2.560.968	2.499.752
1.480.254	1.504.272	1.527.124	1.533.273	1.547.093	1.559.828
450.810	444.238	437.044	428.651	419.682	410.182
1.278.315	1.260.920	1.236.136	1.214.289	1.192.875	1.171.801
407.413	439.905	471.459	502.924	530.422	556.701
9.401.679	12.235.447	10.872.186	11.449.813	11.016.336	10.574.203
3.595.500	3.761.124	3.892.348	3.996.429	3.878.355	3.736.380
150.225.288	151.587.429	151.899.575	151.229.255	151.413.359	151.781.606
5.181.132	7.368.715	7.192.085	7.012.912	6.790.282	6.598.676
197.256.858	204.265.298	203.279.735	203.278.215	202.693.626	202.310.253

21%	29%	36%	44%	52%	59%
0%	0%	0%	0%	0%	0%
6%	12%	18%	24%	30%	36%
67%	70%	72%	75%	77%	80%
40%	56%	72%	88%	88%	88%
40%	54%	69%	83%	83%	83%
78%	82%	85%	89%	89%	89%
9%	18%	27%	36%	45%	54%
63%	66%	69%	72%	75%	78%
9%	18%	27%	36%	45%	54%
46%	51%	56%	61%	66%	71%
9%	18%	27%	36%	45%	54%
57%	61%	65%	68%	72%	75%
66%	69%	72%	74%	77%	80%
18%	26%	34%	42%	50%	58%
43%	59%	74%	90%	90%	90%
79%	82%	86%	90%	90%	90%
0%	0%	0%	1%	1%	2%
41%	57%	74%	90%	90%	90%

1.182	1.669	2.182	2.710	3.260	3.834
-	-	-	-	-	-
235	483	746	1.015	1.294	1.583
6.365	6.767	7.180	7.583	7.997	8.420
3.753	5.388	7.104	8.894	9.112	9.330
4.152	4.712	5.291	5.864	5.951	6.037
8.640	9.223	9.825	10.419	10.626	10.835
1.234	2.518	3.852	5.214	6.615	8.054

3.306	3.466	3.629	3.780	3.932	4.087
168	349	541	740	950	1.168
6.372	7.148	7.942	8.721	9.512	10.316
1.795	2.525	3.293	4.075	4.887	5.729
1.246	1.352	1.460	1.565	1.672	1.781
4.021	4.283	4.549	4.793	5.038	5.285
670	992	1.326	1.661	2.005	2.356
21.153	29.470	38.141	46.915	47.683	48.451
14.693	15.693	16.719	17.691	17.918	18.146
-	-	-	-	-	-
12.627	18.221	24.084	30.048	30.614	31.181
91.612	114.259	137.864	161.688	169.066	176.593

1.065	1.503	1.966	2.441	2.937	3.454
-	-	-	-	-	-
138	283	435	593	756	924
5.948	6.324	6.711	7.087	7.473	7.869
3.412	4.897	6.458	8.086	8.283	8.482
3.673	4.170	4.683	5.188	5.266	5.344
6.750	7.205	7.676	8.139	8.302	8.465
987	2.015	3.082	4.171	5.292	6.444
2.752	2.885	3.021	3.149	3.277	3.407
141	293	455	622	798	982
5.442	6.104	6.782	7.447	8.124	8.809
1.329	1.870	2.439	3.018	3.621	4.244
742	805	869	931	995	1.060
3.528	3.756	3.991	4.205	4.419	4.635
595	881	1.178	1.476	1.781	2.093
14.257	19.863	25.707	31.621	32.139	32.658
11.216	11.979	12.763	13.504	13.678	13.852
-	-	-	-	-	-
9.865	14.235	18.815	23.475	23.917	24.360
71.840	89.068	107.031	125.153	131.058	137.082

95.485	166.057	239.946	315.918	393.402	472.097
682	2.372	5.142	9.026	14.050	20.233
92.883	160.347	229.981	300.542	371.444	442.375
1.375	2.391	3.455	4.548	5.664	6.797
-	-	-	-	-	-
545	947	1.368	1.802	2.243	2.692
-	-	239.376	575.297	1.008.984	1.547.750
-	-	5.222	16.604	36.230	66.482
-	-	190.468	453.701	788.614	1.198.803
-	-	31.303	75.231	131.944	202.399
-	-	2.411	5.796	10.164	15.592
-	-	9.972	23.965	42.031	64.474
14.652	32.549	53.093	76.067	101.024	127.700
105	465	1.138	2.173	3.608	5.473
14.152	31.209	50.527	71.848	94.688	118.779
95	210	342	490	654	826
-	-	-	-	-	-
301	666	1.086	1.556	2.074	2.622

627.964	710.255	794.617	880.941	969.128	1.059.082
4.509	10.169	17.048	25.187	34.624	45.396
560.658	629.061	698.108	767.661	837.591	907.778
28.415	32.139	35.956	39.862	43.852	47.923
3.785	4.281	4.789	5.310	5.841	6.384
30.596	34.606	38.716	42.922	47.219	51.602
495.081	717.993	957.291	1.213.154	1.258.827	1.304.898
3.536	10.257	20.513	34.662	44.958	55.924
476.148	685.406	907.006	1.140.764	1.174.593	1.208.261
6.727	9.756	13.008	16.484	17.160	17.788
443	642	856	1.085	1.129	1.170
8.227	11.932	15.908	20.160	20.987	21.755
303.608	405.924	507.015	607.471	647.227	687.225
2.169	5.799	10.865	17.356	23.115	29.453
293.303	389.247	482.562	573.895	606.831	639.424
2.979	3.983	4.974	5.938	6.326	6.717
-	-	-	-	-	-
5.158	6.896	8.614	10.282	10.955	11.632
1.199.372	1.294.755	1.394.028	1.497.154	1.544.229	1.591.507
8.567	18.496	29.872	42.776	55.151	68.207
1.056.235	1.130.987	1.207.746	1.286.398	1.315.970	1.344.892
47.168	50.919	54.823	58.879	60.676	62.534
947	1.022	1.101	1.182	1.218	1.255
86.455	93.330	100.486	107.920	111.214	114.619
134.087	285.580	454.020	638.915	839.933	1.056.679
1.054	4.251	9.947	18.484	30.199	45.413
118.806	251.058	395.992	552.706	720.701	899.258
5.830	12.404	19.702	27.752	36.483	45.898
29	63	99	140	184	231
8.368	17.805	28.279	39.833	52.366	65.879
409.140	437.477	466.559	496.401	526.941	558.196
7.755	10.556	13.671	17.114	20.894	25.022
369.309	392.580	416.263	440.319	464.629	489.300
10.465	11.204	11.949	12.713	13.513	14.314
405	434	462	492	523	554
21.206	22.704	24.213	25.762	27.382	29.006
15.919	35.009	57.257	82.654	111.190	142.857
114	500	1.227	2.362	3.971	6.122
14.236	31.057	50.385	72.143	96.255	122.649
478	1.052	1.720	2.483	3.340	4.291
-	-	-	-	-	-
1.091	2.400	3.926	5.667	7.624	9.795
602.065	714.966	835.629	964.017	1.099.449	1.241.887
4.527	10.438	18.116	27.725	39.404	53.302
563.882	664.418	770.383	881.729	997.486	1.117.674
22.579	26.909	31.618	36.606	41.969	47.573
4.281	5.102	5.995	6.941	7.958	9.021
6.795	8.099	9.516	11.017	12.631	14.318
86.846	184.466	292.497	410.432	538.039	674.966
620	2.635	6.268	11.727	19.216	28.927
79.382	167.332	263.327	366.568	476.749	593.324

4.021	8.519	13.456	18.881	24.720	30.971
232	493	778	1.092	1.429	1.791
2.590	5.488	8.669	12.164	15.925	19.953
235.614	255.262	275.414	296.060	317.196	338.815
1.683	3.647	5.902	8.459	11.328	14.521
162.729	174.476	186.282	198.132	210.011	221.904
26.743	28.973	31.260	33.604	36.003	38.456
1.437	1.556	1.679	1.805	1.934	2.066
43.023	46.611	50.291	54.061	57.920	61.868
504.967	544.718	585.669	627.774	671.027	715.411
3.607	7.782	12.550	17.936	23.965	30.660
473.839	507.031	540.790	574.996	609.619	644.616
8.086	8.786	9.498	10.236	11.001	11.792
1.302	1.415	1.529	1.648	1.771	1.899
18.133	19.704	21.301	22.957	24.671	26.444
83.131	128.811	178.031	230.140	284.655	341.213
594	1.840	3.815	6.575	10.166	14.623
66.917	102.767	140.764	180.322	221.002	262.476
3.933	6.094	8.423	10.888	13.468	16.144
233	361	498	644	797	955
11.454	17.749	24.531	31.711	39.222	47.015
1.845.265	2.769.851	3.771.078	4.829.665	5.481.341	6.133.033
15.919	42.995	84.540	141.574	198.474	264.361
1.333.524	1.982.597	2.673.250	3.390.360	3.810.031	4.220.726
114.551	171.947	234.102	299.817	340.272	380.728
287.942	432.217	588.452	753.638	855.327	957.020
93.330	140.094	190.735	244.276	277.237	310.198
942.431	1.120.423	1.294.845	1.466.488	1.660.609	1.855.985
6.732	16.006	27.747	41.900	59.307	79.542
826.000	973.999	1.116.378	1.253.889	1.408.006	1.560.406
21.438	25.486	29.454	33.358	37.774	42.218
47.823	56.855	65.706	74.416	84.267	94.181
40.438	48.075	55.559	62.924	71.254	79.637
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
1.383.227	2.170.347	3.020.891	3.915.249	4.513.701	5.112.154
9.882	31.007	64.736	111.867	161.206	219.093
744.391	1.152.483	1.582.556	2.023.118	2.300.116	2.568.564
59.308	93.058	129.526	167.873	193.533	219.193
13.395	21.017	29.254	37.915	43.710	49.506
556.250	872.782	1.214.819	1.574.475	1.815.137	2.055.798
8.978.854	11.974.444	15.417.255	19.123.798	21.966.901	24.961.454
72.055	179.215	338.318	553.507	789.867	1.072.755
7.246.395	9.426.054	11.902.767	14.529.089	16.504.337	18.561.209
364.189	493.829	664.570	855.645	1.018.352	1.196.562
362.254	525.458	703.612	892.103	1.016.254	1.141.625
933.962	1.349.887	1.807.988	2.293.453	2.638.090	2.989.305



8	9	10	11	12	13
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,99%	92,99%	92,99%	92,99%	92,99%	92,99%
2,01%	2,01%	2,01%	2,01%	2,01%	2,01%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
76,75%	76,75%	76,75%	76,75%	76,75%	76,75%
18,25%	18,25%	18,25%	18,25%	18,25%	18,25%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,30%	92,29%	92,29%	92,29%	92,28%	92,28%
2,70%	2,71%	2,71%	2,71%	2,72%	2,72%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,00%	85,00%	85,00%	85,00%	85,00%	85,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
91,88%	91,88%	91,88%	91,88%	91,88%	91,88%
3,12%	3,12%	3,12%	3,12%	3,12%	3,12%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,33%	92,33%	92,33%	92,33%	92,33%	92,33%
2,67%	2,67%	2,67%	2,67%	2,67%	2,67%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
83,79%	83,80%	83,80%	83,80%	83,81%	83,81%
11,21%	11,20%	11,20%	11,20%	11,19%	11,19%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
84,40%	84,39%	84,39%	84,38%	84,37%	84,37%
10,60%	10,61%	10,61%	10,62%	10,63%	10,63%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
87,14%	87,13%	87,13%	87,13%	87,12%	87,12%
7,86%	7,87%	7,87%	7,87%	7,88%	7,88%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,14%	85,14%	85,14%	85,14%	85,14%	85,14%
9,86%	9,86%	9,86%	9,86%	9,86%	9,86%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
89,26%	89,24%	89,22%	89,21%	87,43%	87,43%
5,74%	5,76%	5,78%	5,79%	7,57%	7,57%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
87,19%	87,20%	87,19%	87,19%	87,19%	87,19%
7,81%	7,80%	7,81%	7,81%	7,81%	7,81%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
64,78%	64,78%	64,78%	64,78%	64,78%	64,78%
30,22%	30,22%	30,22%	30,22%	30,22%	30,22%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
89,36%	89,33%	89,31%	89,29%	89,27%	89,25%
5,64%	5,67%	5,69%	5,71%	5,73%	5,75%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
76,21%	76,21%	76,21%	76,21%	76,21%	76,21%
18,79%	18,79%	18,79%	18,79%	18,79%	18,79%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
68,12%	68,12%	68,12%	68,12%	68,12%	68,12%
26,88%	26,88%	26,88%	26,88%	26,88%	26,88%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
83,36%	83,36%	83,36%	83,36%	83,36%	83,36%
11,64%	11,64%	11,64%	11,64%	11,64%	11,64%

20,28%	20,24%	20,20%	20,16%	20,12%	20,08%
62,70%	62,58%	62,46%	62,34%	62,22%	62,10%
17,02%	17,18%	17,34%	17,50%	17,66%	17,82%

5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
49,53%	49,53%	49,53%	49,53%	49,53%	49,53%
45,47%	45,47%	45,47%	45,47%	45,47%	45,47%

75%	83%	99%	99%	99%	99%
91%	94%	96%	99%	99%	99%
86%	90%	99%	99%	99%	99%
94%	96%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
95%	96%	98%	99%	99%	99%
96%	97%	98%	99%	99%	99%
98%	98%	99%	99%	99%	99%
96%	97%	98%	99%	99%	99%
95%	96%	99%	99%	99%	99%

96%	97%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
84%	89%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%

4.980	5.627	6.249	6.887	6.982	7.078
60.486	62.927	65.027	67.147	67.527	67.906
2.507	2.708	2.894	3.084	3.119	3.153
10.127	10.491	10.810	11.133	11.283	11.433
10.726	10.976	11.176	11.375	11.571	11.766
7.292	7.399	7.473	7.548	7.623	7.697
12.357	12.590	12.772	12.954	13.136	13.318
14.530	14.943	15.290	15.642	15.785	15.928
4.951	5.032	5.097	5.164	5.184	5.203
2.162	2.225	2.273	2.321	2.358	2.395
14.070	14.383	14.644	14.907	14.997	15.088
9.320	9.651	9.932	10.217	10.351	10.485
2.300	2.355	2.400	2.446	2.469	2.491
6.626	6.723	6.785	6.848	6.904	6.959
3.477	3.721	3.954	4.191	4.223	4.255
54.140	54.985	55.515	56.044	56.574	57.103
20.211	20.462	20.617	20.773	20.928	21.084
621.866	628.602	635.217	641.704	648.066	651.756
34.922	35.545	35.949	36.354	36.758	37.162
897.050	911.345	924.077	936.738	945.835	952.261

1,10	1,10	1,10	1,10	1,10	1,10
1,35	1,35	1,35	1,35	1,35	1,35
1,15	1,15	1,15	1,15	1,15	1,15
1,04	1,04	1,04	1,04	1,04	1,04
1,10	1,10	1,10	1,10	1,10	1,10
1,12	1,12	1,12	1,12	1,12	1,12
1,28	1,28	1,28	1,28	1,28	1,28
1,18	1,18	1,18	1,18	1,18	1,18
1,11	1,11	1,11	1,11	1,11	1,11
1,14	1,14	1,14	1,14	1,14	1,14
1,17	1,17	1,17	1,17	1,53	1,52
1,30	1,30	1,30	1,30	1,30	1,30
1,17	1,17	1,17	1,17	1,17	1,17
1,14	1,14	1,14	1,14	1,14	1,14
1,13	1,13	1,13	1,13	1,13	1,13
1,37	1,37	1,37	1,37	1,37	1,37
1,23	1,23	1,23	1,23	1,23	1,23
2,07	2,07	2,07	2,07	2,07	2,07
1,34	1,34	1,34	1,34	1,34	1,34

4.513	5.098	5.662	6.240	6.327	6.413
44.683	46.486	48.038	49.604	49.884	50.164
2.180	2.354	2.517	2.682	2.712	2.742
9.737	10.088	10.394	10.704	10.849	10.994

9.751	9.978	10.160	10.341	10.519	10.696
6.510	6.606	6.673	6.740	6.807	6.874
9.654	9.836	9.978	10.120	10.262	10.405
12.286	12.636	12.929	13.227	13.347	13.468
4.476	4.549	4.609	4.668	4.687	4.705
1.902	1.958	2.000	2.042	2.074	2.107
12.015	12.282	12.506	12.730	9.831	9.917
7.162	7.417	7.632	7.851	7.954	8.057
1.970	2.017	2.056	2.095	2.114	2.134
5.823	5.908	5.963	6.019	6.067	6.116
3.089	3.305	3.513	3.722	3.751	3.779
39.519	40.135	40.522	40.908	41.295	41.681
16.432	16.636	16.762	16.888	17.015	17.141
300.418	303.673	306.868	310.002	313.075	314.858
26.061	26.526	26.828	27.130	27.431	27.733
518.181	527.489	535.608	543.714	546.002	549.984

620.463	702.119	783.775	865.431	947.087	1.037.870
31.023	35.106	39.189	43.272	47.354	51.894
576.969	652.901	728.832	804.764	880.696	965.115
8.933	10.109	11.284	12.460	13.635	14.942
-	-	-	-	-	-
3.538	4.004	4.470	4.935	5.401	5.919
8.225.175	9.105.466	9.985.757	10.866.048	11.746.339	12.668.931
411.259	455.273	499.288	543.302	587.317	633.447
6.312.822	6.988.445	7.664.069	8.339.692	9.015.315	9.723.405
1.075.603	1.190.718	1.305.833	1.420.949	1.536.064	1.656.711
82.860	91.728	100.596	109.464	118.332	127.626
342.632	379.301	415.971	452.641	489.311	527.743
312.418	340.178	367.946	395.713	423.471	454.841
15.621	17.009	18.397	19.786	21.174	22.742
288.362	313.951	339.577	365.203	390.779	419.727
2.021	2.209	2.389	2.570	2.760	2.964
-	-	-	-	-	-
6.414	7.010	7.582	8.154	8.758	9.407
1.316.111	1.403.543	1.490.975	1.578.407	1.665.838	1.771.639
65.806	70.177	74.549	78.920	83.292	88.582
1.118.695	1.193.012	1.267.329	1.341.646	1.415.963	1.505.893
59.553	63.510	67.466	71.422	75.378	80.166
7.933	8.460	8.987	9.514	10.041	10.678
64.125	68.385	72.645	76.905	81.165	86.320
1.516.952	1.564.555	1.612.159	1.659.762	1.707.366	1.775.135
75.848	78.228	80.608	82.988	85.368	88.757
1.393.775	1.437.513	1.481.251	1.524.989	1.568.727	1.630.994
20.678	21.327	21.976	22.625	23.274	24.198
1.361	1.403	1.446	1.489	1.531	1.592
25.290	26.084	26.877	27.671	28.465	29.594
864.164	909.533	954.902	1.000.272	1.045.641	1.099.113
43.208	45.477	47.745	50.014	52.282	54.956
797.882	839.772	881.661	923.551	965.440	1.014.811
8.447	8.890	9.334	9.777	10.221	10.743
-	-	-	-	-	-

14.626	15.394	16.162	16.930	17.698	18.603
1.831.479	1.878.742	1.925.860	1.972.977	2.020.255	2.091.030
91.574	93.937	96.293	98.649	101.013	104.552
1.534.597	1.574.386	1.613.870	1.653.355	1.693.176	1.752.492
71.963	73.754	75.604	77.453	79.239	82.015
1.445	1.481	1.518	1.555	1.591	1.647
131.901	135.184	138.575	141.965	145.237	150.325
1.943.567	2.044.825	2.146.175	2.247.418	2.348.651	2.468.235
97.178	102.241	107.309	112.371	117.433	123.412
1.640.371	1.725.628	1.811.157	1.896.371	1.981.557	2.082.450
84.421	88.903	93.309	97.803	102.305	107.514
426	448	470	493	516	542
121.172	127.605	133.930	140.380	146.841	154.318
699.992	716.782	733.590	750.397	767.185	785.334
35.000	35.839	36.679	37.520	38.359	39.267
609.973	624.533	639.177	653.821	668.372	684.183
17.951	18.404	18.836	19.268	19.724	20.190
695	712	729	746	763	781
36.374	37.294	38.168	39.043	39.967	40.913
275.041	292.347	309.653	326.959	344.264	366.622
13.752	14.617	15.483	16.348	17.213	18.331
234.170	248.904	263.638	278.373	293.107	312.142
8.261	8.781	9.301	9.820	10.340	11.012
-	-	-	-	-	-
18.858	20.045	21.231	22.418	23.604	25.137
1.755.313	1.857.588	1.959.808	2.062.248	2.114.975	2.224.855
87.766	92.879	97.990	103.112	105.749	111.243
1.566.793	1.657.711	1.748.541	1.839.732	1.849.122	1.945.191
67.595	71.782	75.995	80.106	107.411	112.991
12.817	13.611	14.410	15.189	20.366	21.425
20.343	21.604	22.872	24.109	32.327	34.006
1.231.926	1.296.707	1.361.207	1.425.847	1.490.488	1.573.086
61.596	64.835	68.060	71.292	74.524	78.654
1.074.116	1.130.729	1.186.836	1.243.196	1.299.556	1.371.574
56.528	59.424	62.460	65.426	68.392	72.182
3.269	3.436	3.612	3.783	3.955	4.174
36.417	38.283	40.239	42.149	44.060	46.502
438.618	448.607	458.596	468.585	478.574	492.273
21.931	22.430	22.930	23.429	23.929	24.614
284.137	290.608	297.079	303.549	310.020	318.894
49.784	50.918	52.052	53.186	54.319	55.874
2.674	2.735	2.796	2.857	2.918	3.001
80.092	81.916	83.740	85.564	87.388	89.889
906.064	931.919	957.821	983.717	1.009.606	1.040.761
45.303	46.596	47.891	49.186	50.480	52.038
809.658	832.483	855.430	878.361	901.276	928.879
15.014	15.524	16.012	16.503	16.997	17.582
2.418	2.500	2.578	2.657	2.737	2.831
33.671	34.816	35.910	37.010	38.117	39.430
511.711	553.013	594.314	635.615	676.917	722.767

25.586	27.651	29.716	31.781	33.846	36.138
389.975	421.451	452.927	484.402	515.878	550.821
24.210	26.164	28.118	30.072	32.026	34.196
1.433	1.548	1.664	1.780	1.895	2.024
70.508	76.199	81.889	87.580	93.271	99.589
7.475.664	8.193.647	8.911.631	9.629.614	10.347.598	11.120.571
373.783	409.682	445.582	481.481	517.380	556.029
5.092.422	5.581.512	6.070.603	6.559.693	7.048.783	7.575.333
464.249	508.836	553.424	598.012	642.600	690.602
1.166.963	1.279.041	1.391.119	1.503.198	1.615.276	1.735.938
378.247	414.575	450.903	487.231	523.559	562.669
2.257.892	2.467.577	2.677.261	2.886.946	3.096.631	3.322.203
112.895	123.379	133.863	144.347	154.832	166.110
1.882.179	2.056.972	2.231.765	2.406.558	2.581.352	2.769.388
51.361	56.130	60.900	65.670	70.440	75.571
114.576	125.216	135.857	146.497	157.137	168.584
96.882	105.879	114.876	123.874	132.871	142.550
101.579.262	102.590.235	103.597.407	104.510.948	105.390.837	105.580.029
20.599.283	20.764.185	20.927.529	21.071.207	21.207.399	21.204.187
63.692.965	64.202.841	64.707.900	65.152.153	65.573.259	65.563.327
5.658.894	5.768.947	5.879.843	5.986.431	6.092.031	6.158.266
2.532.717	2.581.973	2.631.606	2.679.311	2.726.574	2.756.218
9.095.403	9.272.289	9.450.530	9.621.846	9.791.574	9.898.031
6.281.667	6.939.965	7.598.263	8.256.561	8.914.859	9.640.451
314.083	346.998	379.913	412.828	445.743	482.023
3.111.310	3.437.365	3.763.420	4.089.475	4.415.530	4.774.915
269.338	297.563	325.789	354.015	382.241	413.352
60.831	67.206	73.581	79.956	86.331	93.357
2.526.105	2.790.833	3.055.560	3.320.288	3.585.015	3.876.804
140.043.481	144.237.350	148.427.100	152.523.465	156.536.582	160.235.746
22.522.494	22.846.541	23.169.013	23.471.833	23.764.687	23.936.973
92.411.170	95.210.716	98.005.062	100.738.884	103.367.908	105.889.535
8.014.803	8.341.896	8.669.927	8.993.568	9.339.396	9.641.071
3.992.415	4.181.499	4.370.969	4.558.488	4.749.963	4.930.419
13.102.599	13.656.698	14.212.129	14.760.692	15.314.629	15.837.749

28,96%	26,98%	25,00%	25,00%	25,00%	25,00%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
27,81%	26,41%	25,00%	25,00%	25,00%	25,00%
30,11%	27,56%	25,00%	25,00%	25,00%	25,00%
31,00%	28,00%	25,00%	25,00%	25,00%	25,00%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
25,89%	25,44%	25,00%	25,00%	25,00%	25,00%
31,07%	28,03%	25,00%	25,00%	25,00%	25,00%
33,61%	29,31%	25,00%	25,00%	25,00%	25,00%
26,33%	25,67%	25,00%	25,00%	25,00%	25,00%
32,91%	28,96%	25,00%	25,00%	25,00%	25,00%
27,22%	26,11%	25,00%	25,00%	25,00%	25,00%
26,11%	25,56%	25,00%	25,00%	25,00%	25,00%
29,89%	27,44%	25,00%	25,00%	25,00%	25,00%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
25,27%	25,13%	25,00%	25,00%	25,00%	25,00%

25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
24,80%	24,70%	24,60%	24,60%	24,60%	24,60%
25,38%	25,19%	25,00%	25,00%	25,00%	25,00%

887.193	971.978	1.131.479	1.141.803	1.152.065	1.162.264
11.323.458	11.364.570	11.412.340	11.757.297	11.796.904	11.836.387
440.470	459.268	493.376	497.380	501.322	505.327
1.757.971	1.751.261	1.765.578	1.784.475	1.803.371	1.822.268
1.997.673	1.944.575	1.897.416	1.919.754	1.941.967	1.964.242
1.235.852	1.216.834	1.194.238	1.203.311	1.212.259	1.221.332
2.098.210	2.083.531	2.048.276	2.072.303	2.096.393	2.120.358
2.529.519	2.483.020	2.427.709	2.479.205	2.497.664	2.516.122
870.440	842.534	814.430	823.190	824.566	825.943
360.781	361.665	362.038	367.232	372.488	377.681
2.455.757	2.397.508	2.334.415	2.371.707	2.381.594	2.391.417
1.571.360	1.571.265	1.596.823	1.615.657	1.634.491	1.653.325
402.555	392.042	383.688	386.691	389.632	392.573
1.143.696	1.123.296	1.100.631	1.105.887	1.111.206	1.116.462
581.709	605.398	658.126	662.319	666.573	670.766
10.122.625	9.661.216	9.153.449	9.199.377	9.245.304	9.291.231
3.591.613	3.466.132	3.306.650	3.322.731	3.338.811	3.354.830
152.444.648	152.663.573	152.913.901	153.229.641	153.491.294	153.766.840
6.362.425	6.158.395	5.882.090	5.924.075	5.965.998	6.007.921
202.177.954	201.518.059	200.876.653	201.864.034	202.423.903	202.997.290

67%	75%	82%	90%	90%	90%
0%	0%	0%	0%	0%	0%
42%	48%	55%	61%	61%	61%
82%	85%	87%	90%	90%	90%
88%	88%	88%	88%	88%	88%
83%	83%	83%	83%	83%	83%
89%	89%	89%	89%	89%	89%
63%	72%	81%	90%	90%	90%
81%	84%	87%	90%	90%	90%
63%	72%	81%	90%	90%	90%
76%	80%	85%	90%	90%	90%
63%	72%	81%	90%	90%	90%
79%	83%	86%	90%	90%	90%
82%	85%	88%	90%	90%	90%
66%	74%	82%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
3%	3%	4%	5%	5%	6%
90%	90%	90%	90%	90%	90%

4.430	5.048	5.647	6.261	6.348	6.434
-	-	-	-	-	-
1.883	2.193	2.495	2.804	2.835	2.867
8.854	9.298	9.706	10.120	10.257	10.394
9.547	9.765	9.938	10.110	10.283	10.456
6.124	6.211	6.273	6.334	6.396	6.457
11.043	11.250	11.413	11.574	11.737	11.898
9.533	11.051	12.549	14.072	14.202	14.331

4.243	4.401	4.547	4.694	4.712	4.730
1.397	1.635	1.869	2.110	2.144	2.177
11.132	11.960	12.752	13.552	13.634	13.716
6.600	7.501	8.384	9.288	9.410	9.532
1.893	2.007	2.115	2.224	2.244	2.265
5.534	5.784	6.005	6.225	6.276	6.326
2.715	3.082	3.443	3.810	3.839	3.868
49.219	49.987	50.468	50.949	51.431	51.912
18.374	18.602	18.743	18.884	19.026	19.167
-	-	-	-	-	-
31.747	32.314	32.681	33.049	33.416	33.783
184.267	192.088	199.027	206.062	208.189	210.314

3.991	4.548	5.088	5.640	5.719	5.797
-	-	-	-	-	-
1.100	1.282	1.460	1.643	1.663	1.684
8.275	8.690	9.071	9.458	9.586	9.714
8.679	8.878	9.034	9.191	9.348	9.506
5.420	5.497	5.552	5.607	5.661	5.715
8.627	8.789	8.916	9.042	9.169	9.295
7.627	8.840	10.039	11.258	11.360	11.464
3.538	3.671	3.795	3.918	3.935	3.951
1.174	1.374	1.571	1.773	1.801	1.829
9.506	10.214	10.890	11.572	11.650	11.728
4.889	5.556	6.209	6.880	6.970	7.061
1.127	1.194	1.259	1.324	1.336	1.348
4.854	5.074	5.268	5.461	5.506	5.550
2.412	2.738	3.058	3.384	3.410	3.436
33.176	33.694	34.019	34.344	34.669	34.994
14.026	14.200	14.308	14.416	14.523	14.631
-	-	-	-	-	-
24.803	25.245	25.532	25.819	26.106	26.393
143.224	149.484	155.069	160.730	162.412	164.096

551.834	629.945	708.269	786.755	860.988	943.518
27.592	31.497	35.413	39.338	43.049	47.176
513.150	585.786	658.619	731.603	800.633	877.377
7.945	9.069	10.197	11.327	12.396	13.584
-	-	-	-	-	-
3.147	3.592	4.039	4.487	4.910	5.381
2.184.352	2.916.773	3.734.971	4.519.831	5.490.060	5.912.076
109.218	145.839	186.749	225.992	274.503	295.604
1.676.490	2.238.623	2.866.590	3.468.970	4.213.621	4.537.518
285.647	381.425	488.421	591.056	717.933	773.120
22.005	29.383	37.626	45.533	55.307	59.558
90.992	121.502	155.586	188.280	228.696	246.276
155.880	184.692	215.605	245.677	263.271	283.154
7.794	9.235	10.780	12.284	13.164	14.158
143.878	170.452	198.982	226.736	242.946	261.295
1.008	1.199	1.400	1.595	1.716	1.845
-	-	-	-	-	-
3.200	3.806	4.443	5.063	5.445	5.856

1.150.718	1.243.951	1.338.708	1.434.914	1.514.399	1.610.581
57.536	62.198	66.935	71.746	75.720	80.529
978.110	1.057.358	1.137.902	1.219.677	1.287.239	1.368.994
52.069	56.288	60.576	64.929	68.526	72.878
6.936	7.498	8.069	8.649	9.128	9.708
56.067	60.609	65.226	69.914	73.786	78.473
1.351.259	1.392.949	1.434.632	1.476.279	1.518.486	1.578.621
67.563	69.647	71.732	73.814	75.924	78.931
1.241.537	1.279.841	1.318.140	1.356.405	1.395.185	1.450.437
18.420	18.988	19.556	20.124	20.699	21.519
1.212	1.249	1.287	1.324	1.362	1.416
22.528	23.223	23.918	24.612	25.316	26.318
727.472	765.298	803.334	841.359	879.373	924.190
36.374	38.265	40.167	42.068	43.969	46.210
671.675	706.600	741.718	776.826	811.925	853.305
7.111	7.480	7.852	8.224	8.595	9.033
-	-	-	-	-	-
12.313	12.953	13.597	14.240	14.884	15.642
1.639.107	1.681.401	1.723.447	1.765.533	1.807.717	1.870.922
81.955	84.070	86.172	88.277	90.386	93.546
1.373.408	1.409.014	1.444.248	1.479.516	1.515.047	1.568.020
64.404	66.007	67.658	69.310	70.902	73.381
1.293	1.325	1.358	1.391	1.423	1.473
118.047	120.985	124.010	127.038	129.958	134.502
1.288.811	1.528.249	1.779.897	2.043.108	2.135.138	2.243.850
64.441	76.412	88.995	102.155	106.757	112.193
1.087.756	1.289.689	1.502.055	1.723.974	1.801.416	1.893.136
55.981	66.444	77.385	88.912	93.004	97.740
282	335	390	448	469	493
80.351	95.369	111.073	127.618	133.492	140.289
590.148	620.391	651.078	682.179	697.441	713.940
29.507	31.020	32.554	34.109	34.872	35.697
514.255	540.547	567.284	594.383	607.611	621.985
15.134	15.929	16.717	17.516	17.931	18.355
586	617	647	678	694	710
30.666	32.279	33.875	35.494	36.334	37.193
177.645	214.727	254.604	297.235	312.968	333.292
8.882	10.736	12.730	14.862	15.648	16.665
151.247	182.819	216.770	253.066	266.461	283.765
5.336	6.449	7.647	8.928	9.400	10.011
-	-	-	-	-	-
12.180	14.723	17.457	20.380	21.458	22.852
1.390.726	1.546.036	1.707.350	1.874.771	1.922.704	2.022.595
69.536	77.302	85.367	93.739	96.135	101.130
1.241.362	1.379.682	1.523.298	1.672.483	1.681.021	1.768.355
53.555	59.743	66.206	72.824	97.646	102.719
10.155	11.328	12.553	13.808	18.515	19.477
16.118	17.980	19.925	21.917	29.388	30.915
820.823	972.173	1.130.644	1.296.224	1.354.989	1.430.078
41.041	48.609	56.532	64.811	67.749	71.504
715.676	847.735	985.808	1.130.178	1.181.415	1.246.885

37.664	44.552	51.881	59.478	62.175	65.620
2.178	2.576	3.000	3.439	3.595	3.794
24.264	28.702	33.423	38.318	40.055	42.274
360.909	382.282	403.977	425.987	435.067	447.521
18.045	19.114	20.199	21.299	21.753	22.376
233.797	247.643	261.696	275.954	281.836	289.904
40.964	43.390	45.853	48.351	49.381	50.795
2.200	2.331	2.463	2.597	2.653	2.728
65.902	69.805	73.766	77.785	79.443	81.717
760.909	804.602	849.028	894.288	917.824	946.147
38.045	40.230	42.451	44.714	45.891	47.307
679.948	718.751	758.267	798.510	819.342	844.436
12.609	13.404	14.193	15.003	15.451	15.984
2.030	2.158	2.285	2.416	2.488	2.574
28.276	30.059	31.831	33.645	34.652	35.846
399.536	458.013	517.494	577.832	615.379	657.061
19.977	22.901	25.875	28.892	30.769	32.853
304.487	349.051	394.382	440.366	468.981	500.746
18.903	21.670	24.484	27.338	29.115	31.087
1.119	1.282	1.449	1.618	1.723	1.840
55.051	63.109	71.305	79.618	84.792	90.535
6.784.100	7.435.763	8.087.408	8.739.064	9.390.730	10.092.313
339.205	371.788	404.370	436.953	469.537	504.616
4.621.329	5.065.242	5.509.142	5.953.050	6.396.965	6.874.884
421.302	461.771	502.239	542.708	583.177	626.746
1.059.009	1.160.734	1.262.457	1.364.181	1.465.908	1.575.426
343.256	376.228	409.199	442.171	475.144	510.642
2.052.629	2.243.251	2.433.874	2.624.496	2.815.119	3.020.185
102.631	112.163	121.694	131.225	140.756	151.009
1.711.071	1.869.974	2.028.877	2.187.780	2.346.684	2.517.626
46.691	51.028	55.364	59.700	64.036	68.701
104.160	113.833	123.506	133.179	142.852	153.258
88.075	96.254	104.433	112.612	120.792	129.591
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
5.710.607	6.309.060	6.907.512	7.505.965	8.104.417	8.764.046
285.530	315.453	345.376	375.298	405.221	438.202
2.828.464	3.124.877	3.421.291	3.717.705	4.014.118	4.340.832
244.852	270.512	296.172	321.832	347.491	375.774
55.301	61.097	66.892	72.687	78.483	84.870
2.296.459	2.537.121	2.777.782	3.018.443	3.259.105	3.524.367
28.097.466	31.329.555	34.681.832	38.031.497	41.036.070	43.794.089
1.404.873	1.566.478	1.734.092	1.901.575	2.051.804	2.189.704
20.687.641	23.063.684	25.535.071	28.007.183	30.132.444	32.099.498
1.389.595	1.595.349	1.813.799	2.029.154	2.269.575	2.428.892
1.268.465	1.395.746	1.523.982	1.651.949	1.784.598	1.917.325
3.346.893	3.708.298	4.074.887	4.441.636	4.797.649	5.158.669



14	15	16	17	18	19
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,99%	92,99%	92,99%	92,99%	92,99%	92,99%
2,01%	2,01%	2,01%	2,01%	2,01%	2,01%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
76,75%	76,75%	76,75%	76,75%	76,75%	76,75%
18,25%	18,25%	18,25%	18,25%	18,25%	18,25%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,28%	92,28%	92,28%	92,27%	92,27%	92,27%
2,72%	2,72%	2,72%	2,73%	2,73%	2,73%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,00%	85,00%	85,00%	85,00%	85,00%	85,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
91,87%	91,87%	91,88%	91,88%	91,88%	91,88%
3,13%	3,13%	3,12%	3,12%	3,12%	3,12%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,33%	92,33%	92,33%	92,33%	92,33%	92,33%
2,67%	2,67%	2,67%	2,67%	2,67%	2,67%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
83,81%	83,82%	83,83%	83,84%	83,85%	83,86%
11,19%	11,18%	11,17%	11,16%	11,15%	11,14%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
84,36%	84,36%	84,35%	84,35%	84,34%	84,33%
10,64%	10,64%	10,65%	10,65%	10,66%	10,67%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
87,12%	87,11%	87,11%	87,11%	87,11%	87,10%
7,88%	7,89%	7,89%	7,89%	7,89%	7,90%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,14%	85,14%	85,14%	85,14%	85,14%	85,14%
9,86%	9,86%	9,86%	9,86%	9,86%	9,86%

99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%

7.173	7.248	7.322	7.396	7.471	7.545
68.285	68.389	68.493	68.596	68.700	68.804
3.188	3.206	3.223	3.241	3.259	3.276
11.584	11.699	11.815	11.931	12.046	12.162
11.961	12.140	12.318	12.497	12.675	12.853
7.772	7.818	7.865	7.911	7.958	8.004
13.500	13.628	13.755	13.882	14.010	14.137
16.071	16.152	16.234	16.316	16.398	16.480
5.223	5.233	5.243	5.253	5.263	5.273
2.431	2.454	2.477	2.500	2.523	2.546
15.179	15.220	15.262	15.303	15.344	15.385
10.619	10.704	10.790	10.875	10.961	11.046
2.514	2.528	2.542	2.556	2.570	2.584
7.015	7.042	7.069	7.097	7.124	7.151
4.287	4.305	4.324	4.343	4.361	4.380
57.633	57.879	58.124	58.370	58.616	58.861
21.239	21.332	21.425	21.518	21.610	21.703
657.818	661.139	666.899	669.849	675.302	677.880
37.566	37.780	37.994	38.208	38.422	38.636
961.058	965.896	973.174	977.642	984.612	988.707

1,10	1,10	1,10	1,10	1,10	1,10
1,35	1,35	1,35	1,35	1,35	1,35
1,15	1,15	1,15	1,15	1,15	1,15
1,04	1,04	1,04	1,04	1,04	1,04
1,10	1,10	1,10	1,10	1,10	1,10
1,12	1,12	1,12	1,12	1,12	1,12
1,28	1,28	1,28	1,28	1,28	1,28
1,18	1,18	1,18	1,18	1,18	1,18
1,11	1,11	1,11	1,11	1,11	1,10
1,14	1,14	1,14	1,14	1,14	1,14
1,52	1,52	1,51	1,51	1,51	1,51
1,30	1,30	1,30	1,30	1,30	1,30
1,17	1,17	1,17	1,17	1,17	1,17
1,14	1,14	1,14	1,14	1,14	1,14
1,13	1,13	1,13	1,13	1,13	1,13
1,37	1,37	1,37	1,37	1,37	1,37
1,23	1,23	1,23	1,23	1,23	1,23
2,07	2,07	2,07	2,07	2,07	2,07
1,34	1,34	1,34	1,34	1,34	1,34

6.500	6.567	6.634	6.702	6.769	6.836
50.444	50.521	50.598	50.674	50.751	50.828
2.772	2.787	2.803	2.818	2.834	2.849
11.138	11.250	11.361	11.472	11.583	11.694

10.874	11.036	11.198	11.360	11.523	11.685
6.941	6.983	7.025	7.068	7.110	7.152
10.547	10.647	10.746	10.846	10.945	11.045
13.589	13.658	13.728	13.797	13.866	13.935
4.723	4.733	4.743	4.753	4.762	4.772
2.139	2.159	2.179	2.199	2.220	2.240
10.002	10.045	10.089	10.132	10.175	10.218
8.160	8.226	8.292	8.357	8.423	8.489
2.153	2.165	2.177	2.189	2.201	2.213
6.165	6.189	6.213	6.237	6.261	6.285
3.808	3.824	3.841	3.858	3.874	3.891
42.068	42.247	42.426	42.606	42.785	42.964
17.268	17.343	17.419	17.494	17.569	17.645
317.787	319.391	322.173	323.598	326.233	327.478
28.034	28.194	28.354	28.513	28.673	28.833
555.112	557.966	561.998	564.673	568.556	571.051

1.047.052	1.054.409	1.061.710	1.069.012	1.076.313	1.083.615
52.353	52.720	53.086	53.451	53.816	54.181
973.654	980.495	987.284	994.074	1.000.863	1.007.654
15.075	15.181	15.286	15.391	15.496	15.601
-	-	-	-	-	-
5.971	6.013	6.055	6.096	6.138	6.180
12.711.232	12.715.476	12.719.586	12.723.830	12.728.007	12.706.989
635.562	635.774	635.979	636.192	636.400	635.349
9.755.871	9.759.128	9.762.282	9.765.540	9.768.745	9.752.614
1.662.243	1.662.798	1.663.335	1.663.890	1.664.436	1.661.688
128.052	128.095	128.136	128.179	128.221	128.010
529.505	529.682	529.853	530.030	530.204	529.328
458.444	460.121	461.798	463.476	465.153	466.830
22.922	23.006	23.090	23.174	23.258	23.342
423.052	424.600	426.147	427.649	429.197	430.744
2.988	2.999	3.010	3.032	3.043	3.054
-	-	-	-	-	-
9.482	9.516	9.551	9.621	9.656	9.691
1.790.007	1.805.003	1.819.939	1.834.935	1.849.871	1.864.867
89.500	90.250	90.997	91.747	92.494	93.243
1.521.506	1.534.253	1.546.948	1.559.695	1.572.390	1.585.137
80.997	81.675	82.351	83.030	83.706	84.384
10.789	10.879	10.969	11.060	11.150	11.240
87.215	87.946	88.673	89.404	90.132	90.862
1.795.301	1.814.487	1.833.672	1.852.857	1.872.043	1.891.228
89.765	90.724	91.684	92.643	93.602	94.561
1.649.343	1.666.969	1.684.778	1.702.405	1.720.033	1.737.660
24.551	24.813	24.996	25.257	25.519	25.780
1.615	1.633	1.645	1.662	1.679	1.696
30.026	30.347	30.570	30.890	31.210	31.530
1.107.216	1.112.470	1.117.725	1.122.979	1.128.233	1.133.487
55.361	55.624	55.886	56.149	56.412	56.674
1.022.293	1.027.144	1.031.995	1.036.847	1.041.698	1.046.549
10.822	10.874	10.925	10.976	11.028	11.079
-	-	-	-	-	-

18.740	18.829	18.918	19.007	19.096	19.185
2.114.684	2.131.353	2.148.022	2.164.690	2.181.359	2.198.023
105.734	106.568	107.401	108.235	109.068	109.901
1.772.317	1.786.500	1.800.687	1.814.876	1.829.070	1.843.262
82.942	83.521	84.099	84.676	85.252	85.826
1.665	1.677	1.688	1.700	1.712	1.723
152.026	153.087	154.146	155.203	156.258	157.311
2.486.477	2.497.139	2.507.801	2.518.463	2.529.125	2.539.786
124.324	124.857	125.390	125.923	126.456	126.989
2.097.592	2.106.586	2.115.330	2.124.324	2.133.064	2.141.802
108.410	108.875	109.443	109.908	110.477	111.047
546	549	552	554	557	560
155.605	156.272	157.087	157.754	158.571	159.389
786.676	787.274	787.873	788.471	789.069	789.668
39.334	39.364	39.394	39.424	39.453	39.483
685.352	685.794	686.316	686.837	687.358	687.801
20.225	20.266	20.281	20.297	20.312	20.353
783	784	785	786	786	788
40.983	41.066	41.097	41.128	41.159	41.243
371.733	374.920	378.167	381.354	384.601	387.788
18.587	18.746	18.908	19.068	19.230	19.389
316.493	319.207	321.971	324.685	327.449	330.163
11.165	11.261	11.359	11.454	11.552	11.647
-	-	-	-	-	-
25.488	25.706	25.929	26.147	26.370	26.588
2.234.405	2.238.337	2.242.269	2.246.201	2.250.133	2.253.172
111.720	111.917	112.113	112.310	112.507	112.659
1.953.540	1.956.978	1.960.416	1.963.854	1.967.066	1.969.723
113.476	113.676	113.875	114.075	114.426	114.580
21.516	21.554	21.592	21.630	21.697	21.726
34.152	34.212	34.272	34.332	34.438	34.484
1.591.044	1.602.775	1.614.507	1.626.238	1.637.969	1.649.700
79.552	80.139	80.725	81.312	81.898	82.485
1.387.072	1.397.299	1.407.527	1.417.592	1.427.818	1.437.879
73.100	73.639	74.178	74.813	75.352	75.989
4.227	4.258	4.289	4.326	4.357	4.394
47.093	47.440	47.787	48.196	48.544	48.954
495.984	498.420	500.855	503.291	505.727	508.163
24.799	24.921	25.043	25.165	25.286	25.408
321.298	322.876	324.454	326.032	327.610	329.188
56.296	56.572	56.848	57.125	57.401	57.678
3.024	3.039	3.054	3.068	3.083	3.098
90.567	91.012	91.456	91.901	92.346	92.791
1.045.912	1.048.053	1.050.194	1.052.334	1.054.475	1.056.401
52.296	52.403	52.510	52.617	52.724	52.820
933.267	934.968	936.773	938.577	940.381	941.993
17.731	17.829	17.896	17.963	18.031	18.095
2.855	2.871	2.882	2.892	2.903	2.914
39.763	39.983	40.134	40.285	40.436	40.580
727.316	729.998	732.680	735.362	738.044	740.727

25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
24,60%	24,60%	24,60%	24,60%	24,60%	24,60%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%

1.172.589	1.180.785	1.188.982	1.197.179	1.205.313	1.213.510
11.875.932	11.879.874	11.883.753	11.887.695	11.891.575	11.895.579
509.331	511.146	513.023	514.900	516.777	518.592
1.841.164	1.856.557	1.871.949	1.887.342	1.902.735	1.918.127
1.986.580	2.007.855	2.029.129	2.050.341	2.071.552	2.092.827
1.230.342	1.236.099	1.241.980	1.247.737	1.253.619	1.259.375
2.144.448	2.161.593	2.178.737	2.195.882	2.213.026	2.230.108
2.534.518	2.545.281	2.555.980	2.566.743	2.577.442	2.588.142
827.319	827.883	828.508	829.071	829.697	830.260
382.937	386.253	389.570	392.886	396.202	399.519
2.401.304	2.405.308	2.409.250	2.413.255	2.417.259	2.421.201
1.672.159	1.684.360	1.696.624	1.708.888	1.721.090	1.733.354
395.514	397.454	399.456	401.396	403.335	405.275
1.121.781	1.123.908	1.126.035	1.128.225	1.130.353	1.132.480
675.021	677.523	679.964	682.467	684.969	687.472
9.337.159	9.350.361	9.363.564	9.376.767	9.389.969	9.403.234
3.370.911	3.380.797	3.390.808	3.400.695	3.410.581	3.420.530
153.989.418	154.159.641	154.278.390	154.345.893	154.362.613	154.329.484
6.049.844	6.069.241	6.088.638	6.107.973	6.127.370	6.146.767
203.518.270	203.841.919	204.114.343	204.335.333	204.505.478	204.625.838

90%	90%	90%	90%	90%	90%
0%	0%	0%	0%	0%	0%
61%	61%	61%	61%	61%	61%
90%	90%	90%	90%	90%	90%
88%	88%	88%	88%	88%	88%
83%	83%	83%	83%	83%	83%
89%	89%	89%	89%	89%	89%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
6%	6%	6%	6%	6%	6%
90%	90%	90%	90%	90%	90%

6.521	6.589	6.656	6.724	6.791	6.859
-	-	-	-	-	-
2.898	2.914	2.930	2.946	2.962	2.978
10.531	10.636	10.741	10.846	10.951	11.056
10.628	10.787	10.945	11.103	11.261	11.419
6.519	6.558	6.597	6.636	6.675	6.714
12.060	12.170	12.281	12.392	12.502	12.613
14.460	14.534	14.609	14.683	14.757	14.831

4.749	4.758	4.767	4.776	4.785	4.794
2.210	2.231	2.252	2.273	2.294	2.314
13.799	13.836	13.874	13.911	13.949	13.986
9.653	9.731	9.809	9.886	9.964	10.042
2.285	2.298	2.311	2.324	2.336	2.349
6.377	6.402	6.427	6.451	6.476	6.501
3.897	3.914	3.931	3.948	3.965	3.982
52.394	52.617	52.840	53.064	53.287	53.510
19.308	19.393	19.477	19.562	19.646	19.730
-	-	-	-	-	-
34.151	34.345	34.540	34.735	34.929	35.124
212.441	213.713	214.985	216.258	217.530	218.803

5.875	5.936	5.997	6.058	6.118	6.179
-	-	-	-	-	-
1.705	1.717	1.729	1.741	1.753	1.765
9.842	9.940	10.038	10.136	10.235	10.333
9.662	9.806	9.950	10.093	10.236	10.381
5.770	5.806	5.841	5.877	5.911	5.947
9.422	9.508	9.594	9.681	9.767	9.853
11.569	11.627	11.687	11.746	11.805	11.865
3.968	3.977	3.986	3.995	4.004	4.013
1.857	1.875	1.892	1.910	1.927	1.945
11.806	11.845	11.885	11.923	11.963	12.002
7.151	7.209	7.266	7.324	7.380	7.439
1.360	1.368	1.376	1.383	1.391	1.398
5.593	5.615	5.638	5.660	5.680	5.702
3.462	3.477	3.492	3.507	3.522	3.537
35.319	35.469	35.620	35.771	35.921	36.072
14.739	14.804	14.868	14.932	14.997	15.061
-	-	-	-	-	-
26.680	26.832	26.984	27.136	27.288	27.441
165.780	166.811	167.843	168.873	169.898	170.933

951.865	958.553	965.191	971.829	978.467	985.105
47.593	47.928	48.260	48.591	48.923	49.255
885.139	891.358	897.531	903.704	909.876	916.049
13.704	13.801	13.896	13.992	14.087	14.183
-	-	-	-	-	-
5.428	5.466	5.504	5.542	5.580	5.618
5.920.637	5.927.197	5.931.756	5.934.353	5.934.988	5.921.946
296.032	296.360	296.588	296.718	296.749	296.097
4.544.089	4.549.124	4.552.623	4.554.616	4.555.104	4.545.094
774.239	775.097	775.693	776.033	776.116	774.410
59.644	59.710	59.756	59.782	59.789	59.657
246.633	246.906	247.096	247.204	247.231	246.687
285.775	287.209	288.643	290.076	291.510	292.944
14.289	14.360	14.432	14.504	14.576	14.647
263.713	265.036	266.360	267.653	268.976	270.299
1.863	1.872	1.881	1.898	1.907	1.916
-	-	-	-	-	-
5.911	5.940	5.970	6.022	6.051	6.081

1.627.280	1.640.912	1.654.490	1.668.123	1.681.701	1.695.334
81.364	82.046	82.725	83.406	84.085	84.767
1.383.188	1.394.775	1.406.317	1.417.905	1.429.446	1.441.034
73.633	74.250	74.865	75.482	76.096	76.713
9.808	9.890	9.972	10.054	10.136	10.218
79.286	79.950	80.612	81.276	81.938	82.602
1.596.420	1.613.417	1.630.415	1.647.412	1.664.410	1.681.407
79.821	80.671	81.521	82.371	83.221	84.070
1.466.631	1.482.246	1.498.025	1.513.642	1.529.260	1.544.877
21.831	22.064	22.225	22.457	22.688	22.920
1.436	1.452	1.462	1.478	1.493	1.508
26.700	26.984	27.182	27.465	27.748	28.032
930.852	935.279	939.706	944.132	948.559	952.986
46.543	46.764	46.985	47.207	47.428	47.649
859.456	863.543	867.631	871.717	875.805	879.892
9.099	9.142	9.185	9.228	9.272	9.315
-	-	-	-	-	-
15.755	15.830	15.905	15.980	16.055	16.130
1.891.963	1.906.418	1.920.874	1.935.330	1.949.785	1.964.241
94.598	95.321	96.044	96.766	97.489	98.212
1.585.654	1.597.960	1.610.269	1.622.580	1.634.895	1.647.212
74.207	74.707	75.206	75.704	76.201	76.697
1.490	1.500	1.510	1.520	1.530	1.540
136.014	136.931	137.846	138.759	139.670	140.579
2.260.434	2.270.127	2.279.819	2.289.512	2.299.204	2.308.897
113.022	113.506	113.991	114.476	114.960	115.445
1.906.902	1.915.079	1.923.027	1.931.203	1.939.149	1.947.093
98.555	98.977	99.493	99.916	100.433	100.952
497	499	502	504	506	509
141.459	142.065	142.806	143.413	144.155	144.899
715.160	715.704	716.248	716.792	717.336	717.880
35.758	35.785	35.812	35.840	35.867	35.894
623.047	623.450	623.924	624.398	624.871	625.273
18.386	18.423	18.437	18.452	18.466	18.503
712	713	714	714	715	716
37.257	37.332	37.361	37.389	37.418	37.493
337.939	340.836	343.788	346.685	349.637	352.534
16.897	17.042	17.189	17.334	17.482	17.627
287.721	290.188	292.701	295.168	297.681	300.147
10.150	10.237	10.326	10.413	10.502	10.589
-	-	-	-	-	-
23.171	23.369	23.572	23.770	23.973	24.171
2.031.278	2.034.852	2.038.427	2.042.001	2.045.576	2.048.338
101.564	101.743	101.921	102.100	102.279	102.417
1.775.946	1.779.071	1.782.197	1.785.321	1.788.243	1.790.657
103.160	103.342	103.523	103.705	104.023	104.164
19.560	19.595	19.629	19.664	19.724	19.751
31.047	31.102	31.157	31.211	31.307	31.349
1.446.404	1.457.068	1.467.733	1.478.398	1.489.063	1.499.727
72.320	72.853	73.387	73.920	74.453	74.986
1.260.975	1.270.272	1.279.570	1.288.720	1.298.016	1.307.162

66.455	66.945	67.435	68.011	68.502	69.081
3.842	3.871	3.899	3.932	3.961	3.994
42.812	43.127	43.443	43.815	44.131	44.504
450.894	453.109	455.323	457.538	459.752	461.967
22.545	22.655	22.766	22.877	22.988	23.098
292.089	293.524	294.958	296.393	297.827	299.262
51.178	51.429	51.680	51.932	52.183	52.435
2.749	2.763	2.776	2.790	2.803	2.817
82.333	82.738	83.142	83.547	83.951	84.355
950.829	952.775	954.721	956.667	958.613	960.365
47.541	47.639	47.736	47.833	47.931	48.018
848.425	849.971	851.611	853.252	854.891	856.357
16.119	16.208	16.269	16.330	16.392	16.450
2.595	2.610	2.620	2.629	2.639	2.649
36.149	36.348	36.485	36.623	36.760	36.891
661.196	663.634	666.073	668.511	670.950	673.388
33.060	33.182	33.304	33.426	33.548	33.669
503.897	505.755	507.614	509.472	511.331	513.189
31.283	31.398	31.513	31.629	31.744	31.859
1.851	1.858	1.865	1.872	1.878	1.885
91.105	91.441	91.777	92.113	92.449	92.785
10.142.306	10.156.708	10.171.110	10.185.512	10.199.914	10.199.529
507.115	507.835	508.556	509.276	509.996	509.976
6.908.939	6.918.749	6.928.560	6.938.371	6.948.181	6.947.919
629.851	630.745	631.640	632.534	633.428	633.404
1.583.230	1.585.478	1.587.726	1.589.974	1.592.222	1.592.162
513.171	513.900	514.629	515.357	516.086	516.067
3.034.628	3.043.551	3.052.529	3.061.452	3.070.375	3.079.297
151.731	152.178	152.626	153.073	153.519	153.965
2.529.666	2.537.104	2.544.588	2.552.026	2.559.465	2.566.902
69.029	69.232	69.436	69.639	69.842	70.045
153.991	154.444	154.900	155.352	155.805	156.258
130.210	130.593	130.979	131.361	131.744	132.127
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
8.825.222	8.853.506	8.881.789	8.909.983	8.938.266	8.966.550
441.261	442.675	444.089	445.499	446.913	448.328
4.371.132	4.385.142	4.399.150	4.413.115	4.427.123	4.441.132
378.397	379.610	380.823	382.031	383.244	384.457
85.463	85.737	86.011	86.284	86.558	86.831
3.548.968	3.560.342	3.571.716	3.583.054	3.594.428	3.605.802
44.061.082	44.210.856	44.358.636	44.504.306	44.648.107	44.762.435
2.203.054	2.210.543	2.217.932	2.225.215	2.232.405	2.238.122
32.296.611	32.412.348	32.526.656	32.639.256	32.750.140	32.839.552
2.441.138	2.447.479	2.453.527	2.459.385	2.465.127	2.468.093
1.926.869	1.930.119	1.933.341	1.936.549	1.939.760	1.940.496
5.193.410	5.210.367	5.227.180	5.243.901	5.260.675	5.276.172



20	21	22	23	24	25
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,99%	92,99%	92,99%	92,99%	92,99%	92,99%
2,01%	2,01%	2,01%	2,01%	2,01%	2,01%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
76,75%	76,75%	76,75%	76,75%	76,75%	76,75%
18,25%	18,25%	18,25%	18,25%	18,25%	18,25%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,27%	92,28%	92,28%	92,28%	92,28%	92,28%
2,73%	2,72%	2,72%	2,72%	2,72%	2,72%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,00%	85,00%	85,00%	85,00%	85,00%	85,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
91,88%	91,88%	91,88%	91,88%	91,88%	91,88%
3,12%	3,12%	3,12%	3,12%	3,12%	3,12%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,33%	92,33%	92,33%	92,33%	92,33%	92,33%
2,67%	2,67%	2,67%	2,67%	2,67%	2,67%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
83,87%	83,88%	83,89%	83,89%	83,90%	83,91%
11,13%	11,12%	11,11%	11,11%	11,10%	11,09%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
84,33%	84,33%	84,33%	84,32%	84,32%	84,32%
10,67%	10,67%	10,67%	10,68%	10,68%	10,68%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
87,10%	87,10%	87,10%	87,10%	87,10%	87,10%
7,90%	7,90%	7,90%	7,90%	7,90%	7,90%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,14%	85,14%	85,14%	85,14%	85,14%	85,14%
9,86%	9,86%	9,86%	9,86%	9,86%	9,86%

99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%

7.577	7.609	7.641	7.673	7.705	7.712
68.708	68.611	68.515	68.419	68.322	68.084
3.282	3.287	3.293	3.298	3.304	3.301
12.228	12.295	12.362	12.428	12.495	12.525
12.967	13.081	13.195	13.310	13.424	13.492
8.028	8.051	8.075	8.098	8.122	8.126
14.215	14.292	14.370	14.447	14.525	14.560
16.514	16.549	16.583	16.618	16.652	16.650
5.278	5.282	5.286	5.291	5.295	5.297
2.558	2.570	2.582	2.595	2.607	2.611
15.388	15.389	15.391	15.393	15.395	15.366
11.093	11.139	11.186	11.233	11.280	11.295
2.591	2.598	2.606	2.613	2.620	2.621
7.157	7.162	7.168	7.174	7.179	7.168
4.388	4.395	4.403	4.411	4.418	4.417
58.877	58.892	58.908	58.924	58.939	58.777
21.729	21.754	21.780	21.805	21.831	21.805
680.259	685.227	687.232	689.040	690.652	692.067
38.701	38.765	38.829	38.893	38.958	38.905
991.536	996.951	999.405	1.001.662	1.003.722	1.004.779

1,10	1,10	1,10	1,10	1,10	1,10
1,35	1,35	1,35	1,35	1,34	1,34
1,15	1,15	1,15	1,15	1,15	1,15
1,04	1,04	1,04	1,04	1,04	1,04
1,10	1,10	1,10	1,10	1,10	1,10
1,12	1,12	1,12	1,12	1,12	1,12
1,28	1,28	1,28	1,28	1,28	1,28
1,18	1,18	1,18	1,18	1,18	1,18
1,10	1,10	1,10	1,10	1,10	1,10
1,14	1,14	1,14	1,14	1,14	1,14
1,50	1,50	1,50	1,50	1,50	1,50
1,30	1,30	1,30	1,30	1,30	1,30
1,17	1,17	1,17	1,17	1,17	1,17
1,14	1,14	1,14	1,14	1,14	1,14
1,13	1,13	1,13	1,13	1,13	1,13
1,37	1,37	1,37	1,37	1,37	1,37
1,23	1,23	1,23	1,23	1,23	1,23
2,07	2,07	2,07	2,07	2,07	2,07
1,34	1,34	1,34	1,34	1,34	1,34

6.865	6.895	6.924	6.953	6.982	6.988
50.828	50.828	50.828	50.828	50.828	50.828
2.854	2.859	2.864	2.870	2.875	2.877
11.758	11.822	11.886	11.950	12.014	12.044

11.789	11.892	11.996	12.100	12.203	12.266
7.174	7.196	7.218	7.241	7.263	7.269
11.105	11.166	11.226	11.287	11.347	11.375
13.964	13.994	14.023	14.053	14.082	14.082
4.778	4.783	4.789	4.794	4.800	4.802
2.250	2.261	2.272	2.283	2.293	2.297
10.227	10.237	10.246	10.256	10.265	10.265
8.525	8.562	8.598	8.635	8.671	8.685
2.219	2.225	2.231	2.238	2.244	2.245
6.290	6.296	6.302	6.307	6.313	6.314
3.897	3.904	3.911	3.918	3.925	3.925
42.976	42.987	42.999	43.010	43.021	43.022
17.666	17.686	17.707	17.728	17.749	17.749
328.627	331.027	331.996	332.870	333.648	334.332
28.881	28.929	28.977	29.025	29.073	29.073
572.675	575.550	576.994	578.342	579.595	580.436

1.085.938	1.088.206	1.090.529	1.092.797	1.094.623	1.094.180
54.297	54.410	54.526	54.640	54.731	54.709
1.009.814	1.011.923	1.014.083	1.016.192	1.017.890	1.017.478
15.635	15.667	15.701	15.733	15.760	15.753
-	-	-	-	-	-
6.193	6.206	6.219	6.232	6.242	6.240
12.681.860	12.656.731	12.631.603	12.606.474	12.559.333	12.512.258
634.093	632.837	631.580	630.324	627.967	625.613
9.733.328	9.714.041	9.694.755	9.675.469	9.639.288	9.603.158
1.658.402	1.655.116	1.651.830	1.648.544	1.642.379	1.636.223
127.756	127.503	127.250	126.997	126.522	126.048
528.281	527.235	526.188	525.141	523.177	521.216
467.111	467.391	467.672	467.952	467.484	466.726
23.356	23.370	23.384	23.398	23.374	23.336
431.003	431.308	431.568	431.826	431.394	430.695
3.056	3.046	3.048	3.050	3.047	3.042
-	-	-	-	-	-
9.697	9.667	9.673	9.678	9.669	9.653
1.873.540	1.882.212	1.890.884	1.899.617	1.908.289	1.912.144
93.677	94.111	94.544	94.981	95.414	95.607
1.592.509	1.599.880	1.607.251	1.614.674	1.622.046	1.625.322
84.777	85.169	85.561	85.957	86.349	86.523
11.293	11.345	11.397	11.450	11.502	11.525
91.285	91.707	92.130	92.555	92.978	93.166
1.902.617	1.914.006	1.925.396	1.936.785	1.948.174	1.954.464
95.131	95.700	96.270	96.839	97.409	97.723
1.748.124	1.758.589	1.769.054	1.779.518	1.789.982	1.795.762
25.936	26.091	26.246	26.401	26.557	26.642
1.706	1.717	1.727	1.737	1.747	1.753
31.720	31.910	32.099	32.289	32.479	32.584
1.136.132	1.138.777	1.141.422	1.144.066	1.146.711	1.147.048
56.807	56.939	57.071	57.203	57.336	57.352
1.048.991	1.051.433	1.053.875	1.056.316	1.058.758	1.059.069
11.105	11.131	11.157	11.183	11.208	11.212
-	-	-	-	-	-

19.230	19.274	19.319	19.364	19.409	19.414
2.208.176	2.218.328	2.228.481	2.238.633	2.248.786	2.253.040
110.409	110.916	111.424	111.932	112.439	112.652
1.851.997	1.860.734	1.869.473	1.877.989	1.886.731	1.890.526
86.145	86.463	86.781	87.176	87.493	87.579
1.729	1.736	1.742	1.750	1.757	1.758
157.896	158.479	159.061	159.786	160.366	160.525
2.544.125	2.548.464	2.552.803	2.557.142	2.560.594	2.559.707
127.206	127.423	127.640	127.857	128.030	127.985
2.145.461	2.149.120	2.152.779	2.156.182	2.159.093	2.158.345
111.236	111.426	111.616	111.910	112.061	112.023
561	562	563	564	565	565
159.661	159.933	160.206	160.628	160.845	160.790
789.864	790.060	790.256	790.452	790.644	790.644
39.493	39.503	39.513	39.523	39.532	39.532
687.972	688.142	688.313	688.484	688.651	688.651
20.358	20.363	20.368	20.373	20.378	20.378
788	788	788	789	789	789
41.253	41.263	41.274	41.284	41.294	41.294
389.532	391.215	392.959	394.703	396.447	396.988
19.477	19.561	19.648	19.735	19.822	19.849
331.648	333.080	334.565	336.050	337.535	337.996
11.700	11.750	11.803	11.855	11.908	11.924
-	-	-	-	-	-
26.708	26.823	26.943	27.063	27.182	27.219
2.252.279	2.251.386	2.250.493	2.249.600	2.244.693	2.239.786
112.614	112.569	112.525	112.480	112.235	111.989
1.968.942	1.968.162	1.967.381	1.966.600	1.962.311	1.958.021
114.535	114.489	114.444	114.399	114.149	113.900
21.717	21.709	21.700	21.691	21.644	21.597
34.471	34.457	34.443	34.430	34.355	34.279
1.656.190	1.662.679	1.669.168	1.675.658	1.682.147	1.684.267
82.810	83.134	83.458	83.783	84.107	84.213
1.443.535	1.449.025	1.454.680	1.460.336	1.465.823	1.467.670
76.288	76.684	76.984	77.283	77.681	77.779
4.411	4.434	4.451	4.469	4.492	4.497
49.147	49.402	49.595	49.788	50.044	50.107
509.419	510.675	511.931	513.187	514.443	514.650
25.471	25.534	25.597	25.659	25.722	25.733
330.002	330.815	331.629	332.443	333.256	333.390
57.820	57.963	58.106	58.248	58.391	58.414
3.106	3.114	3.121	3.129	3.136	3.138
93.020	93.249	93.479	93.708	93.937	93.975
1.056.064	1.055.850	1.055.513	1.055.299	1.053.006	1.050.713
52.803	52.793	52.776	52.765	52.650	52.536
941.587	941.396	940.990	940.799	938.650	936.606
18.120	18.116	18.142	18.138	18.129	18.090
2.918	2.917	2.921	2.921	2.919	2.913
40.636	40.628	40.685	40.677	40.658	40.569
741.777	742.828	743.878	744.929	745.623	745.267

25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
24,60%	24,60%	24,60%	24,60%	24,60%	24,60%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%

1.216.138	1.218.641	1.221.269	1.223.772	1.226.400	1.225.837
11.871.927	11.848.463	11.824.999	11.801.535	11.778.070	11.734.020
518.905	519.218	519.593	519.906	520.219	519.405
1.927.075	1.935.960	1.944.908	1.953.918	1.962.803	1.966.808
2.105.466	2.118.043	2.130.682	2.143.322	2.155.899	2.162.844
1.262.379	1.265.319	1.268.260	1.271.139	1.274.142	1.274.455
2.240.620	2.251.070	2.261.519	2.272.094	2.282.481	2.286.986
2.592.522	2.596.839	2.601.219	2.605.537	2.609.917	2.608.978
830.448	830.636	830.823	830.949	831.136	831.136
401.271	403.023	404.837	406.589	408.404	408.967
2.420.138	2.419.074	2.418.010	2.416.884	2.415.820	2.410.564
1.740.111	1.746.869	1.753.627	1.760.322	1.767.080	1.769.270
406.276	407.277	408.279	409.280	410.281	410.406
1.132.167	1.131.792	1.131.417	1.131.104	1.130.728	1.128.351
688.411	689.412	690.413	691.352	692.353	691.977
9.389.594	9.376.016	9.362.375	9.348.797	9.335.219	9.299.991
3.422.031	3.423.533	3.425.035	3.426.599	3.428.101	3.422.720
154.246.681	154.115.118	153.935.191	153.707.541	153.433.084	153.112.229
6.148.081	6.149.395	6.150.709	6.152.085	6.153.399	6.139.947
204.560.242	204.445.698	204.283.166	204.072.723	203.815.535	203.404.890

90%	90%	90%	90%	90%	90%
0%	0%	0%	0%	0%	0%
61%	61%	61%	62%	62%	62%
90%	90%	90%	90%	90%	90%
88%	88%	88%	88%	88%	88%
83%	83%	83%	83%	83%	83%
89%	89%	89%	89%	89%	89%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
6%	6%	6%	6%	6%	6%
90%	90%	90%	90%	90%	90%

6.888	6.917	6.946	6.976	7.005	7.011
-	-	-	-	-	-
2.983	2.988	2.993	2.998	3.003	3.000
11.117	11.177	11.238	11.299	11.359	11.387
11.520	11.621	11.722	11.823	11.924	11.985
6.734	6.755	6.775	6.796	6.816	6.821
12.678	12.744	12.810	12.876	12.943	12.970
14.862	14.893	14.925	14.956	14.987	14.985

4.798	4.802	4.806	4.810	4.814	4.815
2.325	2.337	2.348	2.359	2.370	2.374
13.988	13.990	13.992	13.993	13.995	13.968
10.084	10.127	10.169	10.212	10.254	10.268
2.356	2.362	2.369	2.375	2.382	2.383
6.506	6.511	6.516	6.522	6.527	6.517
3.989	3.996	4.003	4.010	4.017	4.016
53.524	53.539	53.553	53.567	53.581	53.434
19.753	19.777	19.800	19.823	19.846	19.823
-	-	-	-	-	-
35.182	35.241	35.299	35.358	35.416	35.368
219.289	219.776	220.263	220.751	221.238	221.124

6.206	6.232	6.258	6.284	6.311	6.316
-	-	-	-	-	-
1.770	1.774	1.779	1.783	1.788	1.790
10.389	10.446	10.503	10.559	10.616	10.642
10.472	10.564	10.657	10.748	10.840	10.894
5.965	5.985	6.004	6.023	6.041	6.046
9.905	9.957	10.008	10.060	10.112	10.133
11.890	11.915	11.940	11.965	11.991	11.991
4.018	4.023	4.027	4.032	4.037	4.040
1.954	1.964	1.973	1.982	1.992	1.995
12.011	12.019	12.028	12.036	12.045	12.045
7.471	7.502	7.534	7.567	7.599	7.610
1.402	1.406	1.410	1.414	1.418	1.418
5.708	5.714	5.718	5.723	5.728	5.729
3.543	3.549	3.556	3.562	3.568	3.568
36.082	36.091	36.101	36.110	36.119	36.119
15.079	15.097	15.114	15.132	15.150	15.150
-	-	-	-	-	-
27.486	27.532	27.577	27.623	27.669	27.669
171.351	171.770	172.187	172.603	173.024	173.155

987.217	989.278	991.390	993.452	995.112	994.708
49.361	49.464	49.570	49.673	49.756	49.735
918.013	919.930	921.894	923.811	925.355	924.979
14.213	14.243	14.273	14.303	14.327	14.321
-	-	-	-	-	-
5.630	5.642	5.654	5.665	5.675	5.673
5.918.797	5.913.724	5.906.808	5.898.049	5.877.203	5.864.866
295.940	295.686	295.340	294.902	293.860	293.243
4.542.677	4.538.783	4.533.475	4.526.752	4.510.753	4.501.284
773.999	773.335	772.431	771.285	768.559	766.946
59.626	59.575	59.505	59.417	59.207	59.082
246.556	246.345	246.057	245.692	244.823	244.309
293.378	293.813	294.247	294.682	294.644	294.264
14.669	14.691	14.712	14.734	14.732	14.713
270.700	271.131	271.531	271.933	271.897	271.547
1.919	1.915	1.918	1.921	1.920	1.918
-	-	-	-	-	-
6.090	6.077	6.086	6.095	6.094	6.086

1.703.218	1.711.102	1.718.986	1.726.925	1.734.809	1.738.313
85.161	85.555	85.949	86.346	86.740	86.916
1.447.735	1.454.437	1.461.138	1.467.886	1.474.588	1.477.566
77.070	77.426	77.783	78.142	78.499	78.658
10.266	10.313	10.361	10.409	10.456	10.478
82.986	83.370	83.754	84.141	84.525	84.696
1.691.487	1.701.567	1.711.647	1.721.727	1.731.807	1.737.370
84.574	85.078	85.582	86.086	86.590	86.869
1.554.138	1.563.400	1.572.661	1.581.923	1.591.184	1.596.296
23.058	23.195	23.332	23.470	23.607	23.683
1.517	1.526	1.535	1.544	1.553	1.558
28.200	28.368	28.536	28.704	28.872	28.965
955.304	957.621	959.939	962.257	964.574	964.994
47.765	47.881	47.997	48.113	48.229	48.250
882.032	884.171	886.312	888.452	890.591	890.979
9.338	9.360	9.383	9.405	9.428	9.432
-	-	-	-	-	-
16.169	16.208	16.248	16.287	16.326	16.333
1.972.889	1.981.537	1.990.185	1.998.833	2.007.481	2.010.787
98.644	99.077	99.509	99.942	100.374	100.539
1.654.662	1.662.113	1.669.566	1.676.821	1.684.276	1.687.251
76.966	77.234	77.501	77.838	78.104	78.162
1.545	1.551	1.556	1.563	1.568	1.569
141.071	141.563	142.053	142.670	143.158	143.265
2.312.841	2.316.786	2.320.730	2.324.675	2.327.813	2.327.007
115.642	115.839	116.037	116.234	116.391	116.350
1.950.419	1.953.746	1.957.072	1.960.166	1.962.812	1.962.132
101.124	101.296	101.469	101.737	101.874	101.839
510	511	511	513	514	513
145.146	145.394	145.642	146.026	146.223	146.172
718.058	718.236	718.415	718.593	718.767	718.767
35.903	35.912	35.921	35.930	35.938	35.938
625.429	625.584	625.739	625.895	626.046	626.046
18.508	18.512	18.517	18.521	18.526	18.526
716	716	717	717	717	717
37.503	37.512	37.521	37.531	37.540	37.540
354.120	355.650	357.236	358.821	360.406	360.898
17.706	17.783	17.862	17.941	18.020	18.045
301.498	302.800	304.151	305.500	306.850	307.269
10.636	10.682	10.730	10.777	10.825	10.840
-	-	-	-	-	-
24.280	24.385	24.494	24.602	24.711	24.745
2.047.526	2.046.715	2.045.903	2.045.091	2.040.630	2.036.169
102.376	102.336	102.295	102.255	102.032	101.808
1.789.947	1.789.238	1.788.529	1.787.819	1.783.919	1.780.019
104.123	104.081	104.040	103.999	103.772	103.545
19.743	19.735	19.727	19.719	19.676	19.633
31.337	31.325	31.312	31.300	31.231	31.163
1.505.627	1.511.526	1.517.426	1.523.325	1.529.225	1.531.152
75.281	75.576	75.871	76.166	76.461	76.558
1.312.304	1.317.295	1.322.437	1.327.578	1.332.567	1.334.246

69.352	69.713	69.985	70.257	70.619	70.708
4.010	4.031	4.047	4.062	4.083	4.088
44.679	44.911	45.086	45.262	45.495	45.552
463.108	464.250	465.392	466.533	467.675	467.864
23.155	23.213	23.270	23.327	23.384	23.393
300.001	300.741	301.481	302.220	302.960	303.082
52.564	52.694	52.823	52.953	53.082	53.104
2.823	2.830	2.837	2.844	2.851	2.852
84.564	84.772	84.981	85.189	85.398	85.432
960.058	959.864	959.557	959.363	957.278	955.194
48.003	47.993	47.978	47.968	47.864	47.760
855.988	855.815	855.445	855.272	853.317	851.460
16.473	16.469	16.492	16.489	16.481	16.445
2.652	2.652	2.656	2.655	2.654	2.648
36.942	36.935	36.986	36.979	36.961	36.881
674.343	675.298	676.253	677.208	677.839	677.515
33.717	33.765	33.813	33.860	33.892	33.876
513.917	514.645	515.372	516.100	516.581	516.334
31.905	31.950	31.995	32.040	32.070	32.055
1.888	1.891	1.893	1.896	1.898	1.897
92.916	93.048	93.180	93.311	93.398	93.354
10.184.719	10.169.908	10.155.097	10.140.285	10.102.019	10.063.714
509.236	508.495	507.755	507.014	505.101	503.186
6.937.831	6.927.741	6.917.652	6.907.562	6.881.495	6.855.402
632.485	631.565	630.645	629.725	627.349	624.970
1.589.850	1.587.538	1.585.226	1.582.914	1.576.941	1.570.961
515.317	514.568	513.819	513.069	511.133	509.195
3.080.636	3.082.030	3.083.368	3.084.762	3.081.305	3.076.453
154.032	154.102	154.168	154.238	154.065	153.823
2.568.018	2.569.180	2.570.296	2.571.458	2.568.576	2.564.531
70.076	70.107	70.138	70.170	70.091	69.981
156.326	156.397	156.464	156.535	156.360	156.114
132.185	132.244	132.302	132.362	132.213	132.005
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
8.968.448	8.970.436	8.972.333	8.974.321	8.956.610	8.937.001
448.422	448.522	448.617	448.716	447.830	446.850
4.442.072	4.443.057	4.443.997	4.444.981	4.436.209	4.426.497
384.538	384.624	384.705	384.790	384.031	383.190
86.850	86.869	86.887	86.907	86.735	86.545
3.606.565	3.607.365	3.608.127	3.608.927	3.601.805	3.593.919
44.791.774	44.819.341	44.844.912	44.868.902	44.825.196	44.757.036
2.239.589	2.240.967	2.242.246	2.243.445	2.241.260	2.237.852
32.867.381	32.893.806	32.918.747	32.942.128	32.919.976	32.876.920
2.468.344	2.468.402	2.468.160	2.467.823	2.463.165	2.458.322
1.938.323	1.936.135	1.933.924	1.931.695	1.925.213	1.918.657
5.278.137	5.280.031	5.281.836	5.283.810	5.275.582	5.265.284



26	27	28	29	30	31
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,99%	92,99%	92,99%	92,99%	92,99%	92,99%
2,01%	2,01%	2,01%	2,01%	2,01%	2,01%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
76,75%	76,75%	76,75%	76,75%	76,75%	76,75%
18,25%	18,25%	18,25%	18,25%	18,25%	18,25%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,29%	92,29%	92,29%	92,29%	92,30%	92,30%
2,71%	2,71%	2,71%	2,71%	2,70%	2,70%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,00%	85,00%	85,00%	85,00%	85,00%	85,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
91,88%	91,88%	91,88%	91,89%	91,89%	91,89%
3,12%	3,12%	3,12%	3,11%	3,11%	3,11%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
92,33%	92,33%	92,33%	92,33%	92,33%	92,33%
2,67%	2,67%	2,67%	2,67%	2,67%	2,67%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
83,92%	83,93%	83,93%	83,94%	83,95%	83,96%
11,08%	11,07%	11,07%	11,06%	11,05%	11,04%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
84,32%	84,32%	84,32%	84,32%	84,32%	84,32%
10,68%	10,68%	10,68%	10,68%	10,68%	10,68%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
87,09%	87,09%	87,09%	87,09%	87,09%	87,09%
7,91%	7,91%	7,91%	7,91%	7,91%	7,91%
5,00%	5,00%	5,00%	5,00%	5,00%	5,00%
85,14%	85,14%	85,14%	85,14%	85,14%	85,14%
9,86%	9,86%	9,86%	9,86%	9,86%	9,86%

99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%

7.719	7.726	7.733	7.740	7.728	7.717
67.845	67.607	67.368	67.129	66.788	66.446
3.297	3.294	3.291	3.288	3.278	3.269
12.556	12.586	12.617	12.647	12.647	12.648
13.561	13.630	13.698	13.767	13.796	13.826
8.131	8.136	8.141	8.145	8.135	8.124
14.594	14.629	14.664	14.699	14.698	14.698
16.647	16.645	16.642	16.640	16.608	16.577
5.298	5.300	5.301	5.303	5.303	5.303
2.615	2.620	2.624	2.628	2.626	2.624
15.337	15.307	15.278	15.248	15.194	15.140
11.311	11.327	11.342	11.358	11.349	11.339
2.623	2.624	2.625	2.627	2.623	2.620
7.158	7.147	7.136	7.125	7.102	7.079
4.416	4.414	4.413	4.412	4.403	4.394
58.614	58.452	58.289	58.127	57.834	57.542
21.779	21.753	21.727	21.701	21.633	21.565
693.288	694.315	692.239	692.863	693.298	693.543
38.852	38.799	38.746	38.693	38.550	38.408
1.005.642	1.006.310	1.003.876	1.004.141	1.003.596	1.002.861

1,10	1,10	1,10	1,10	1,10	1,10
1,33	1,33	1,33	1,32	1,31	1,31
1,14	1,14	1,14	1,14	1,13	1,13
1,04	1,04	1,04	1,04	1,04	1,04
1,10	1,10	1,10	1,10	1,10	1,10
1,12	1,12	1,12	1,12	1,12	1,11
1,28	1,28	1,28	1,28	1,28	1,28
1,18	1,18	1,18	1,18	1,18	1,18
1,10	1,10	1,10	1,10	1,10	1,10
1,14	1,14	1,14	1,14	1,14	1,14
1,49	1,49	1,49	1,49	1,48	1,47
1,30	1,30	1,30	1,30	1,30	1,30
1,17	1,17	1,17	1,17	1,17	1,16
1,13	1,13	1,13	1,13	1,12	1,12
1,13	1,12	1,12	1,12	1,12	1,12
1,36	1,36	1,35	1,35	1,34	1,34
1,23	1,23	1,22	1,22	1,22	1,22
2,07	2,07	2,06	2,07	2,07	2,07
1,34	1,33	1,33	1,33	1,33	1,32

6.994	7.001	7.007	7.013	7.013	7.013
50.828	50.828	50.828	50.828	50.828	50.828
2.880	2.882	2.885	2.888	2.889	2.891
12.073	12.102	12.132	12.161	12.161	12.161

12.328	12.391	12.453	12.516	12.542	12.569
7.274	7.280	7.286	7.292	7.292	7.292
11.402	11.429	11.456	11.484	11.491	11.499
14.082	14.083	14.083	14.083	14.084	14.084
4.805	4.808	4.811	4.814	4.816	4.817
2.301	2.305	2.308	2.312	2.312	2.312
10.265	10.266	10.266	10.266	10.267	10.267
8.698	8.711	8.725	8.738	8.738	8.738
2.246	2.247	2.248	2.250	2.250	2.250
6.314	6.315	6.316	6.316	6.317	6.318
3.925	3.925	3.925	3.925	3.925	3.925
43.022	43.022	43.022	43.022	43.022	43.022
17.749	17.749	17.749	17.749	17.749	17.749
334.922	335.418	335.418	335.418	335.418	335.418
29.073	29.073	29.073	29.073	29.073	29.073
581.182	581.834	581.990	582.146	582.186	582.226

1.093.682	1.093.240	1.092.742	1.090.197	1.087.653	1.085.108
54.684	54.662	54.637	54.510	54.383	54.255
1.017.015	1.016.604	1.016.141	1.013.774	1.011.409	1.009.042
15.746	15.740	15.733	15.696	15.659	15.623
-	-	-	-	-	-
6.237	6.234	6.232	6.217	6.203	6.188
12.465.116	12.418.041	12.370.900	12.307.117	12.243.201	12.179.418
623.256	620.902	618.545	615.356	612.160	608.971
9.566.977	9.530.846	9.494.666	9.445.712	9.396.657	9.347.703
1.630.058	1.623.902	1.617.738	1.609.397	1.601.038	1.592.698
125.573	125.099	124.624	123.981	123.337	122.695
519.253	517.292	515.328	512.671	510.008	507.351
465.988	465.239	464.491	462.959	461.447	459.924
23.299	23.262	23.225	23.148	23.072	22.996
430.060	429.369	428.679	427.265	425.916	424.510
3.026	3.021	3.016	3.006	2.985	2.976
-	-	-	-	-	-
9.602	9.587	9.571	9.540	9.474	9.442
1.915.998	1.919.853	1.923.707	1.927.200	1.926.778	1.926.417
95.800	95.993	96.185	96.360	96.339	96.321
1.628.598	1.631.875	1.635.151	1.638.120	1.637.761	1.637.454
86.698	86.872	87.047	87.205	87.186	87.169
11.548	11.572	11.595	11.616	11.613	11.611
93.354	93.541	93.729	93.899	93.879	93.861
1.960.754	1.967.043	1.973.333	1.979.623	1.981.396	1.983.170
98.038	98.352	98.667	98.981	99.070	99.159
1.801.541	1.807.319	1.813.098	1.819.076	1.820.705	1.822.335
26.728	26.814	26.900	26.899	26.923	26.947
1.759	1.764	1.770	1.770	1.771	1.773
32.689	32.794	32.899	32.898	32.927	32.957
1.147.385	1.147.722	1.148.058	1.146.744	1.145.092	1.143.441
57.369	57.386	57.403	57.337	57.255	57.172
1.059.381	1.059.692	1.060.002	1.058.789	1.057.263	1.055.739
11.215	11.218	11.222	11.209	11.193	11.176
-	-	-	-	-	-

19.420	19.426	19.432	19.409	19.381	19.353
2.257.294	2.261.548	2.265.802	2.269.065	2.268.256	2.267.447
112.865	113.077	113.290	113.453	113.413	113.372
1.894.321	1.898.117	1.901.688	1.904.653	1.904.201	1.903.749
87.665	87.751	87.916	87.963	87.853	87.742
1.760	1.762	1.765	1.766	1.764	1.762
160.683	160.840	161.143	161.229	161.026	160.823
2.558.819	2.557.932	2.557.045	2.551.853	2.546.662	2.541.470
127.941	127.897	127.852	127.593	127.333	127.074
2.157.596	2.156.848	2.156.100	2.151.722	2.147.345	2.142.968
111.984	111.945	111.906	111.679	111.452	111.224
564	564	564	563	562	561
160.734	160.678	160.622	160.296	159.970	159.644
790.635	790.631	790.627	790.526	790.424	790.323
39.532	39.532	39.531	39.526	39.521	39.516
688.564	688.561	688.557	688.469	688.380	688.292
20.404	20.404	20.404	20.401	20.398	20.396
790	790	790	790	790	789
41.346	41.345	41.345	41.340	41.335	41.329
397.589	398.191	398.792	399.032	398.732	398.431
19.879	19.910	19.940	19.952	19.937	19.922
338.507	339.020	339.532	339.736	339.480	339.224
11.942	11.960	11.978	11.985	11.976	11.967
-	-	-	-	-	-
27.260	27.302	27.343	27.359	27.339	27.318
2.234.879	2.229.973	2.225.066	2.216.909	2.208.751	2.200.309
111.744	111.499	111.253	110.845	110.438	110.015
1.953.731	1.949.442	1.945.153	1.938.022	1.930.890	1.923.510
113.650	113.401	113.151	112.736	112.321	111.892
21.549	21.502	21.455	21.376	21.298	21.216
34.204	34.129	34.054	33.929	33.804	33.675
1.686.387	1.688.507	1.690.627	1.691.236	1.689.725	1.688.214
84.319	84.425	84.531	84.562	84.486	84.411
1.469.518	1.471.365	1.473.212	1.473.743	1.472.426	1.471.110
77.877	77.975	78.073	78.101	78.031	77.961
4.503	4.509	4.514	4.516	4.512	4.508
50.170	50.233	50.296	50.315	50.270	50.225
514.858	515.066	515.274	514.786	514.089	513.392
25.743	25.753	25.764	25.739	25.704	25.670
333.525	333.660	333.794	333.478	333.027	332.575
58.438	58.461	58.485	58.430	58.351	58.271
3.139	3.140	3.142	3.139	3.134	3.130
94.013	94.051	94.089	94.000	93.873	93.746
1.048.543	1.046.311	1.044.079	1.040.277	1.036.474	1.032.671
52.427	52.316	52.204	52.014	51.824	51.634
934.776	932.786	930.796	927.407	924.017	920.626
18.022	17.983	17.945	17.880	17.814	17.749
2.902	2.896	2.889	2.879	2.868	2.858
40.416	40.330	40.244	40.098	39.951	39.804
744.911	744.555	744.198	742.655	741.111	739.567

25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
24,60%	24,60%	24,60%	24,60%	24,60%	24,60%
25,00%	25,00%	25,00%	25,00%	25,00%	25,00%

1.225.336	1.224.773	1.224.273	1.223.709	1.220.894	1.218.015
11.690.032	11.645.982	11.601.994	11.557.944	11.498.376	11.438.620
518.592	517.779	516.965	516.152	514.525	512.835
1.970.750	1.974.692	1.978.696	1.982.638	1.982.263	1.981.825
2.169.852	2.176.860	2.183.805	2.190.813	2.192.753	2.194.755
1.274.830	1.275.206	1.275.581	1.275.957	1.274.142	1.272.265
2.291.553	2.295.996	2.300.564	2.305.069	2.304.443	2.303.755
2.608.102	2.607.164	2.606.288	2.605.412	2.600.156	2.594.962
831.074	831.074	831.011	831.011	830.886	830.698
409.593	410.218	410.844	411.407	411.094	410.781
2.405.246	2.399.990	2.394.671	2.389.353	2.380.655	2.371.958
1.771.460	1.773.587	1.775.777	1.777.967	1.776.340	1.774.713
410.594	410.781	410.907	411.094	410.531	409.968
1.125.973	1.123.595	1.121.217	1.118.840	1.114.835	1.110.831
691.665	691.352	691.039	690.663	689.224	687.785
9.264.826	9.229.661	9.194.433	9.159.268	9.107.772	9.056.276
3.417.339	3.412.020	3.406.701	3.401.320	3.390.057	3.378.795
152.745.914	152.334.585	151.879.120	151.380.378	150.838.745	150.255.320
6.126.494	6.112.978	6.099.525	6.086.135	6.060.919	6.035.640
202.949.224	202.448.293	201.903.413	201.315.131	200.598.611	199.839.798

90%	90%	90%	90%	90%	90%
0%	0%	0%	0%	0%	0%
62%	62%	62%	62%	62%	62%
90%	90%	90%	90%	90%	90%
88%	88%	88%	88%	88%	88%
83%	83%	83%	83%	83%	83%
89%	89%	88%	88%	88%	88%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
6%	6%	6%	6%	6%	6%
90%	90%	90%	90%	90%	90%

7.017	7.024	7.030	7.036	7.026	7.015
-	-	-	-	-	-
2.998	2.995	2.992	2.989	2.980	2.972
11.414	11.442	11.470	11.498	11.498	11.498
12.046	12.106	12.167	12.228	12.254	12.280
6.826	6.831	6.836	6.841	6.833	6.825
12.997	13.026	13.053	13.080	13.076	13.071
14.982	14.980	14.978	14.976	14.947	14.918

4.817	4.818	4.819	4.821	4.821	4.821
2.378	2.382	2.385	2.389	2.388	2.386
13.942	13.915	13.889	13.863	13.814	13.766
10.283	10.297	10.311	10.325	10.317	10.308
2.384	2.385	2.387	2.388	2.385	2.382
6.507	6.497	6.487	6.478	6.457	6.436
4.014	4.013	4.012	4.011	4.003	3.995
53.286	53.138	52.990	52.843	52.577	52.311
19.799	19.776	19.752	19.728	19.667	19.605
-	-	-	-	-	-
35.320	35.272	35.223	35.175	35.046	34.916
221.010	220.896	220.782	220.668	220.086	219.503

6.322	6.328	6.333	6.339	6.339	6.339
-	-	-	-	-	-
1.793	1.795	1.797	1.799	1.801	1.803
10.668	10.694	10.720	10.745	10.746	10.746
10.951	11.006	11.061	11.115	11.140	11.164
6.052	6.057	6.062	6.067	6.067	6.067
10.155	10.176	10.197	10.219	10.223	10.227
11.991	11.991	11.991	11.991	11.992	11.992
4.043	4.045	4.048	4.051	4.052	4.053
1.998	2.001	2.005	2.008	2.008	2.008
12.045	12.045	12.046	12.046	12.046	12.047
7.621	7.633	7.645	7.657	7.657	7.657
1.419	1.420	1.421	1.421	1.421	1.421
5.729	5.730	5.730	5.731	5.732	5.733
3.568	3.568	3.568	3.568	3.568	3.568
36.119	36.119	36.119	36.119	36.119	36.119
15.150	15.150	15.150	15.150	15.150	15.150
-	-	-	-	-	-
27.669	27.669	27.669	27.669	27.669	27.669
173.293	173.427	173.562	173.695	173.730	173.763

994.256	993.855	993.401	991.088	988.776	986.461
49.713	49.693	49.670	49.554	49.439	49.323
924.559	924.186	923.764	921.613	919.463	917.310
14.315	14.309	14.302	14.269	14.236	14.202
-	-	-	-	-	-
5.670	5.668	5.665	5.652	5.639	5.626
5.850.703	5.834.896	5.817.341	5.790.319	5.769.393	5.746.965
292.535	291.745	290.867	289.516	288.470	287.348
4.490.414	4.478.283	4.464.809	4.444.070	4.428.009	4.410.795
765.094	763.027	760.731	757.198	754.461	751.528
58.940	58.780	58.604	58.331	58.121	57.895
243.720	243.061	242.330	241.204	240.332	239.398
293.897	293.522	293.149	292.280	291.269	290.252
14.695	14.676	14.657	14.614	14.563	14.513
271.238	270.892	270.547	269.745	268.842	267.902
1.908	1.906	1.904	1.898	1.884	1.878
-	-	-	-	-	-
6.056	6.048	6.041	6.023	5.980	5.959

1.741.817	1.745.321	1.748.825	1.752.001	1.751.616	1.751.289
87.091	87.266	87.441	87.600	87.581	87.564
1.480.544	1.483.523	1.486.501	1.489.201	1.488.874	1.488.595
78.816	78.975	79.133	79.277	79.260	79.245
10.499	10.520	10.541	10.560	10.558	10.556
84.867	85.038	85.208	85.363	85.344	85.328
1.742.933	1.748.496	1.754.059	1.759.621	1.761.177	1.762.733
87.147	87.425	87.703	87.981	88.059	88.137
1.601.407	1.606.518	1.611.629	1.616.916	1.618.346	1.619.775
23.759	23.835	23.910	23.909	23.931	23.952
1.563	1.568	1.573	1.573	1.575	1.576
29.057	29.150	29.243	29.242	29.268	29.293
965.413	965.833	966.252	965.282	964.046	962.812
48.271	48.292	48.313	48.264	48.202	48.141
891.366	891.754	892.140	891.245	890.104	888.964
9.436	9.440	9.445	9.435	9.423	9.411
-	-	-	-	-	-
16.340	16.347	16.354	16.338	16.317	16.296
2.014.094	2.017.400	2.020.706	2.023.130	2.021.868	2.020.606
100.705	100.870	101.035	101.156	101.093	101.030
1.690.227	1.693.204	1.695.979	1.698.215	1.697.358	1.696.501
78.220	78.278	78.406	78.429	78.310	78.190
1.570	1.572	1.574	1.575	1.572	1.570
143.371	143.477	143.712	143.754	143.535	143.315
2.326.199	2.325.393	2.324.587	2.319.866	2.315.148	2.310.427
116.310	116.270	116.229	115.993	115.757	115.521
1.961.451	1.960.771	1.960.091	1.956.111	1.952.133	1.948.152
101.803	101.768	101.733	101.526	101.320	101.113
513	513	513	512	511	510
146.122	146.071	146.020	145.724	145.427	145.131
718.758	718.755	718.751	718.659	718.567	718.476
35.938	35.938	35.938	35.933	35.928	35.924
625.967	625.964	625.961	625.880	625.800	625.721
18.549	18.549	18.549	18.546	18.544	18.542
718	718	718	718	718	718
37.587	37.587	37.586	37.582	37.577	37.572
361.445	361.991	362.538	362.756	362.484	362.209
18.072	18.100	18.127	18.138	18.124	18.110
307.734	308.199	308.665	308.851	308.619	308.385
10.856	10.873	10.889	10.896	10.887	10.879
-	-	-	-	-	-
24.782	24.820	24.857	24.872	24.853	24.835
2.031.708	2.027.249	2.022.787	2.015.372	2.007.955	2.000.281
101.585	101.362	101.139	100.769	100.398	100.014
1.776.119	1.772.221	1.768.320	1.761.838	1.755.354	1.748.646
103.318	103.091	102.865	102.487	102.110	101.720
19.590	19.547	19.504	19.433	19.361	19.287
31.095	31.027	30.958	30.845	30.731	30.614
1.533.079	1.535.007	1.536.934	1.537.487	1.536.114	1.534.740
76.654	76.750	76.847	76.874	76.806	76.737
1.335.925	1.337.605	1.339.284	1.339.766	1.338.570	1.337.373

70.797	70.886	70.975	71.001	70.937	70.874
4.094	4.099	4.104	4.105	4.102	4.098
45.609	45.667	45.724	45.741	45.700	45.659
468.053	468.242	468.431	467.987	467.353	466.719
23.403	23.412	23.422	23.399	23.368	23.336
303.205	303.327	303.450	303.162	302.752	302.341
53.125	53.147	53.168	53.118	53.046	52.974
2.854	2.855	2.856	2.853	2.849	2.846
85.467	85.501	85.536	85.455	85.339	85.223
953.221	951.192	949.163	945.707	942.249	938.792
47.661	47.560	47.458	47.285	47.112	46.940
849.797	847.987	846.179	843.098	840.015	836.933
16.383	16.349	16.314	16.254	16.195	16.135
2.638	2.632	2.627	2.617	2.608	2.598
36.742	36.664	36.586	36.452	36.319	36.186
677.191	676.868	676.543	675.141	673.737	672.333
33.860	33.843	33.827	33.757	33.687	33.617
516.088	515.841	515.594	514.525	513.455	512.385
32.039	32.024	32.009	31.942	31.876	31.810
1.896	1.895	1.894	1.890	1.886	1.882
93.309	93.264	93.220	93.026	92.833	92.640
10.025.407	9.987.101	9.948.795	9.892.758	9.836.691	9.780.624
501.270	499.355	497.440	494.638	491.835	489.031
6.829.307	6.803.213	6.777.119	6.738.947	6.700.754	6.662.561
622.591	620.212	617.833	614.354	610.872	607.390
1.564.982	1.559.002	1.553.022	1.544.275	1.535.523	1.526.771
507.257	505.318	503.380	500.545	497.708	494.871
3.071.658	3.066.861	3.062.010	3.051.860	3.041.711	3.031.561
153.583	153.343	153.101	152.593	152.086	151.578
2.560.534	2.556.535	2.552.492	2.544.030	2.535.570	2.527.109
69.871	69.762	69.652	69.421	69.190	68.959
155.870	155.627	155.381	154.866	154.351	153.835
131.799	131.593	131.385	130.950	130.514	130.079
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
8.917.302	8.897.694	8.878.084	8.841.306	8.804.439	8.767.662
445.865	444.885	443.904	442.065	440.222	438.383
4.416.740	4.407.028	4.397.315	4.379.099	4.360.839	4.342.623
382.345	381.505	380.664	379.087	377.506	375.929
86.355	86.165	85.975	85.619	85.262	84.905
3.585.997	3.578.112	3.570.226	3.555.436	3.540.611	3.525.821
44.687.134	44.615.677	44.542.357	44.402.621	44.254.596	44.104.943
2.234.357	2.230.784	2.227.118	2.220.131	2.212.730	2.205.247
32.832.621	32.787.052	32.739.839	32.646.312	32.544.856	32.442.073
2.453.229	2.447.936	2.442.482	2.433.048	2.423.988	2.414.731
1.912.081	1.905.493	1.898.885	1.888.927	1.878.995	1.869.046
5.254.847	5.244.413	5.234.032	5.214.203	5.194.027	5.173.846



32	33	34	35
5,00%	5,00%	5,00%	5,00%
92,99%	92,99%	92,99%	92,99%
2,01%	2,01%	2,01%	2,01%
5,00%	5,00%	5,00%	5,00%
76,75%	76,75%	76,75%	76,75%
18,25%	18,25%	18,25%	18,25%
5,00%	5,00%	5,00%	5,00%
92,30%	92,30%	92,30%	92,30%
2,70%	2,70%	2,70%	2,70%
5,00%	5,00%	5,00%	5,00%
85,00%	85,00%	85,00%	85,00%
10,00%	10,00%	10,00%	10,00%
5,00%	5,00%	5,00%	5,00%
91,89%	91,89%	91,89%	91,89%
3,11%	3,11%	3,11%	3,11%
5,00%	5,00%	5,00%	5,00%
92,33%	92,33%	92,33%	92,33%
2,67%	2,67%	2,67%	2,67%
5,00%	5,00%	5,00%	5,00%
83,97%	83,97%	83,98%	83,99%
11,03%	11,03%	11,02%	11,01%
5,00%	5,00%	5,00%	5,00%
84,32%	84,32%	84,32%	84,32%
10,68%	10,68%	10,68%	10,68%
5,00%	5,00%	5,00%	5,00%
87,09%	87,09%	86,48%	86,48%
7,91%	7,91%	8,52%	8,52%
5,00%	5,00%	5,00%	5,00%
85,14%	85,14%	85,14%	85,14%
9,86%	9,86%	9,86%	9,86%

1
1
1
1

4
4
4
4

6
6
6
6

11
11
11
11

12
12
12
12

13
13
13
13

15
15
15
15

16
16
16
16

19
19
19
19

21
21
21
21

99%	99%	99%	99%
99%	99%	99%	99%
99%	99%	99%	99%
99%	99%	99%	99%
99%	99%	99%	99%
99%	99%	99%	99%
99%	99%	99%	99%

7.705	7.693	7.681	7.670
66.104	65.762	65.420	65.078
3.259	3.250	3.240	3.231
12.648	12.648	12.648	12.648
13.855	13.884	13.914	13.943
8.114	8.103	8.093	8.082
14.697	14.696	14.696	14.695
16.545	16.513	16.513	16.513
5.303	5.303	4.944	4.945
2.623	2.621	2.621	2.621
15.087	15.033	14.979	14.925
11.330	11.320	11.311	11.301
2.617	2.613	2.610	2.606
7.056	7.033	7.010	6.987
4.385	4.376	4.368	4.359
57.249	56.957	56.665	56.372
21.498	21.430	21.362	21.294
690.660	690.516	687.251	686.729
38.266	38.123	37.981	37.839
998.999	997.876	993.305	991.838

1,10	1,10	1,10	1,09
1,30	1,29	1,29	1,28
1,13	1,12	1,12	1,11
1,04	1,04	1,04	1,04
1,10	1,10	1,10	1,10
1,11	1,11	1,11	1,11
1,28	1,28	1,28	1,27
1,17	1,17	1,17	1,17
1,10	1,10	1,10	1,10
1,13	1,13	1,13	1,13
1,47	1,46	1,46	1,45
1,30	1,30	1,29	1,29
1,16	1,16	1,16	1,16
1,12	1,11	1,11	1,11
1,12	1,12	1,11	1,11
1,33	1,32	1,32	1,31
1,21	1,21	1,20	1,20
2,06	2,06	2,05	2,05
1,32	1,31	1,31	1,30

7.013	7.013	7.013	7.013
50.828	50.828	50.828	50.828
2.893	2.895	2.897	2.899
12.161	12.161	12.162	12.162

12.595	12.622	12.649	12.675
7.292	7.292	7.292	7.292
11.507	11.515	11.523	11.531
14.084	14.085	14.085	14.085
4.819	4.820	4.478	4.480
2.312	2.312	2.312	2.312
10.267	10.268	10.268	10.269
8.738	8.738	8.738	8.738
2.250	2.250	2.250	2.250
6.319	6.320	6.321	6.322
3.925	3.925	3.925	3.925
43.022	43.022	43.022	43.022
17.749	17.749	17.749	17.749
335.418	335.418	335.418	335.418
29.073	29.073	29.073	29.073
582.266	582.306	582.002	582.042

1.082.564	1.080.013	1.077.465	1.077.465	1
54.128	54.001	53.873	53.873	1
1.006.676	1.004.304	1.001.935	1.001.935	1
15.586	15.549	15.513	15.513	1
-	-	-	-	1
6.174	6.159	6.144	6.144	1
12.115.635	12.051.785	11.987.935	11.987.935	4
605.782	602.589	599.397	599.397	4
9.298.750	9.249.745	9.200.740	9.200.740	4
1.584.357	1.576.007	1.567.657	1.567.657	4
122.052	121.409	120.766	120.766	4
504.694	502.035	499.375	499.375	4
458.402	456.880	455.358	455.358	6
22.920	22.844	22.768	22.768	6
423.105	421.700	420.295	420.295	6
2.966	2.956	2.946	2.946	6
-	-	-	-	6
9.411	9.380	9.349	9.349	6
1.926.056	1.925.643	1.925.260	1.925.260	11
96.303	96.282	96.263	96.263	11
1.637.148	1.636.797	1.636.471	1.636.471	11
87.153	87.134	87.117	87.117	11
11.609	11.607	11.604	11.604	11
93.844	93.823	93.805	93.805	11
1.984.943	1.986.717	1.988.491	1.990.264	12
99.247	99.336	99.425	99.513	12
1.823.964	1.825.594	1.827.224	1.828.854	12
26.971	26.995	27.019	27.043	12
1.775	1.776	1.778	1.779	12
32.986	33.016	33.045	33.075	12
1.141.789	1.140.137	1.138.486	1.138.486	13
57.089	57.007	56.924	56.924	13
1.054.214	1.052.688	1.051.164	1.051.164	13
11.160	11.144	11.128	11.128	13
-	-	-	-	13

19.325	19.297	19.270	19.270	13
2.266.818	2.265.829	2.265.020	2.265.200	15
113.341	113.291	113.251	113.260	15
1.903.447	1.902.616	1.902.163	1.902.541	15
87.638	87.600	87.489	87.417	15
1.759	1.759	1.756	1.755	15
160.633	160.562	160.360	160.227	15
2.536.279	2.531.088	2.525.896	2.525.896	16
126.814	126.554	126.295	126.295	16
2.138.590	2.134.213	2.129.836	2.129.836	16
110.997	110.770	110.543	110.543	16
560	558	557	557	16
159.318	158.992	158.666	158.666	16
790.222	790.222	790.020	790.020	19
39.511	39.511	39.501	39.501	19
688.204	688.204	683.209	683.209	19
20.393	20.393	21.960	21.960	19
789	789	850	850	19
41.324	41.324	44.499	44.499	19
398.130	397.799	397.490	397.490	21
19.907	19.890	19.875	19.875	21
338.968	338.686	338.423	338.423	21
11.958	11.948	11.939	11.939	21
-	-	-	-	21
27.298	27.275	27.254	27.254	21
2.192.437	2.184.290	2.176.143	2.176.143	25
109.622	109.215	108.807	108.807	25
1.916.848	1.909.725	1.902.602	1.902.602	25
111.345	110.931	110.517	110.517	25
21.112	21.034	20.955	20.955	25
33.510	33.386	33.261	33.261	25
1.686.703	1.685.192	1.683.681	1.683.681	27
84.335	84.260	84.184	84.184	27
1.469.793	1.468.476	1.467.160	1.467.160	27
77.891	77.822	77.752	77.752	27
4.504	4.500	4.496	4.496	27
50.180	50.135	50.090	50.090	27
512.695	511.998	511.302	511.302	28
25.635	25.600	25.565	25.565	28
332.124	331.672	331.221	331.221	28
58.192	58.113	58.034	58.034	28
3.126	3.122	3.117	3.117	28
93.618	93.491	93.364	93.364	28
1.028.868	1.025.066	1.021.263	1.021.263	29
51.443	51.253	51.063	51.063	29
917.236	913.846	910.456	910.456	29
17.684	17.618	17.553	17.553	29
2.847	2.837	2.826	2.826	29
39.658	39.511	39.365	39.365	29
738.024	736.480	734.936	734.936	30

36.901	36.824	36.747	36.747	30
562.448	561.271	560.095	560.095	30
34.918	34.844	34.771	34.771	30
2.066	2.062	2.058	2.058	30
101.691	101.478	101.265	101.265	30
10.715.875	10.654.200	10.592.526	10.592.526	32
535.794	532.710	529.626	529.626	32
7.299.654	7.257.641	7.215.629	7.215.629	32
665.470	661.640	657.810	657.810	32
1.672.765	1.663.137	1.653.510	1.653.510	32
542.192	539.072	535.951	535.951	32
3.323.553	3.312.366	3.301.192	3.301.192	34
166.178	165.618	165.060	165.060	34
2.770.514	2.761.188	2.751.874	2.751.874	34
75.601	75.347	75.093	75.093	34
168.653	168.085	167.518	167.518	34
142.608	142.128	141.648	141.648	34
102.740.099	102.283.456	101.799.737	101.289.720	35
19.870.559	19.742.248	19.609.079	19.471.232	35
61.439.751	61.043.013	60.631.254	60.205.032	35
7.015.028	7.037.421	7.057.458	7.075.152	35
3.139.674	3.149.696	3.158.664	3.166.583	35
11.275.085	11.311.076	11.343.282	11.371.720	35
9.603.872	9.563.372	9.522.865	9.522.865	36
480.194	478.169	476.143	476.143	36
4.756.798	4.736.738	4.716.675	4.716.675	36
411.783	410.047	408.310	408.310	36
93.003	92.611	92.219	92.219	36
3.862.094	3.845.807	3.829.518	3.829.518	36
157.242.964	156.582.532	155.895.065	155.387.002	
22.595.703	22.457.202	22.313.845	22.176.096	
101.778.231	101.238.121	100.678.426	100.254.211	
10.427.092	10.434.280	10.440.610	10.458.255	
5.246.295	5.244.982	5.242.675	5.250.594	
17.195.643	17.207.948	17.219.510	17.247.845	

25,00%	25,00%	25,00%	25,00%	1
25,00%	25,00%	25,00%	25,00%	4
25,00%	25,00%	25,00%	25,00%	6
25,00%	25,00%	25,00%	25,00%	11
25,00%	25,00%	25,00%	25,00%	12
25,00%	25,00%	25,00%	25,00%	13
25,00%	25,00%	25,00%	25,00%	15
25,00%	25,00%	25,00%	25,00%	16
25,00%	25,00%	25,00%	25,00%	19
25,00%	25,00%	25,00%	25,00%	21
25,00%	25,00%	25,00%	25,00%	25
25,00%	25,00%	25,00%	25,00%	27
25,00%	25,00%	25,00%	25,00%	28
25,00%	25,00%	25,00%	25,00%	29
25,00%	25,00%	25,00%	25,00%	30
25,00%	25,00%	25,00%	25,00%	32

25,00%	25,00%	25,00%	25,00%	34
24,60%	24,60%	24,60%	24,60%	35
25,00%	25,00%	25,00%	25,00%	36

1.215.200	1.212.321	1.209.506	1.206.627	1
11.379.052	11.319.484	11.259.791	11.200.161	4
511.209	509.519	507.892	506.203	6
1.981.449	1.981.074	1.980.636	1.980.261	11
2.196.695	2.198.697	2.200.700	2.202.639	12
1.270.450	1.268.636	1.266.759	1.265.007	13
2.303.129	2.302.503	2.301.878	2.301.252	15
2.589.769	2.584.575	2.579.319	2.574.126	16
830.573	830.448	830.323	830.198	19
410.469	410.156	409.780	409.467	21
2.363.198	2.354.500	2.345.803	2.337.105	25
1.773.149	1.771.522	1.769.895	1.768.269	27
409.405	408.842	408.341	407.778	28
1.106.826	1.102.821	1.098.817	1.094.812	29
686.409	684.969	683.530	682.091	30
9.004.779	8.953.283	8.901.787	8.850.291	32
3.367.469	3.356.206	3.344.943	3.333.618	34
149.630.791	148.965.721	148.261.270	147.518.469	35
6.010.424	5.985.145	5.959.866	5.934.650	36
199.040.445	198.200.425	197.320.836	196.403.023	

90%	90%	90%	90%
0%	0%	0%	0%
62%	62%	62%	62%
90%	90%	90%	90%
88%	88%	88%	88%
83%	83%	83%	83%
88%	88%	88%	88%
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
6%	6%	6%	6%
90%	90%	90%	90%

7.004	6.994	6.983	6.972
-	-	-	-
2.963	2.954	2.946	2.937
11.498	11.498	11.498	11.498
12.306	12.332	12.357	12.383
6.818	6.810	6.802	6.794
13.067	13.062	13.057	13.054
14.889	14.860	14.831	14.802

4.821	4.821	4.821	4.821
2.384	2.383	2.381	2.379
13.717	13.669	13.620	13.572
10.300	10.291	10.282	10.274
2.379	2.376	2.372	2.369
6.415	6.394	6.373	6.352
3.987	3.979	3.971	3.963
52.045	51.779	51.513	51.247
19.543	19.482	19.420	19.358
-	-	-	-
34.787	34.658	34.658	34.658
218.922	218.339	217.886	217.433

6.339	6.339	6.339	6.339
-	-	-	-
1.805	1.806	1.808	1.810
10.746	10.746	10.746	10.746
11.187	11.211	11.234	11.258
6.067	6.067	6.067	6.067
10.231	10.235	10.239	10.244
11.993	11.993	11.993	11.993
4.055	4.056	4.056	4.056
2.008	2.008	2.008	2.008
12.047	12.047	12.048	12.048
7.657	7.657	7.657	7.657
1.421	1.421	1.421	1.421
5.734	5.735	5.735	5.736
3.568	3.568	3.568	3.568
36.119	36.119	36.119	36.119
15.150	15.150	15.150	15.150
-	-	-	-
27.669	27.669	27.669	27.669
173.796	173.827	173.857	173.889

984.149	981.830	979.514	979.514	1
49.207	49.091	48.976	48.976	1
915.160	913.004	910.850	910.850	1
14.169	14.136	14.102	14.102	1
-	-	-	-	1
5.612	5.599	5.586	5.586	1
5.722.923	5.697.300	5.670.215	5.671.847	4
286.146	284.865	283.511	283.592	4
4.392.344	4.372.678	4.351.890	4.353.143	4
748.384	745.034	741.492	741.705	4
57.652	57.394	57.121	57.138	4
238.397	237.329	236.201	236.269	4
289.236	288.219	287.202	287.145	6
14.462	14.411	14.360	14.357	6
266.965	266.026	265.087	265.035	6
1.871	1.865	1.858	1.858	6
-	-	-	-	6
5.938	5.917	5.896	5.895	6

1.750.960	1.750.585	1.750.237	1.750.236	11
87.548	87.529	87.512	87.512	11
1.488.316	1.487.997	1.487.701	1.487.701	11
79.230	79.213	79.197	79.197	11
10.554	10.551	10.549	10.549	11
85.312	85.294	85.277	85.277	11
1.764.289	1.765.844	1.767.400	1.768.956	12
88.214	88.292	88.370	88.448	12
1.621.205	1.622.634	1.624.064	1.625.494	12
23.973	23.994	24.015	24.036	12
1.577	1.579	1.580	1.581	12
29.319	29.345	29.371	29.397	12
961.575	960.340	959.105	959.261	13
48.079	48.017	47.955	47.963	13
887.822	886.681	885.542	885.686	13
9.399	9.387	9.375	9.376	13
-	-	-	-	13
16.275	16.254	16.233	16.236	13
2.019.504	2.018.081	2.016.819	2.016.438	15
100.975	100.904	100.841	100.822	15
1.695.777	1.694.583	1.693.725	1.693.606	15
78.077	78.022	77.902	77.817	15
1.567	1.566	1.564	1.562	15
143.107	143.006	142.787	142.631	15
2.305.709	2.300.989	2.296.269	2.296.269	16
115.285	115.049	114.813	114.813	16
1.944.174	1.940.194	1.936.214	1.936.214	16
100.907	100.700	100.493	100.493	16
509	508	507	507	16
144.834	144.538	144.241	144.241	16
718.384	718.384	718.200	718.200	19
35.919	35.919	35.910	35.910	19
625.641	625.641	621.100	621.099	19
18.539	18.539	19.964	19.964	19
718	718	773	773	19
37.567	37.567	40.454	40.454	19
361.936	361.636	361.355	361.355	21
18.097	18.082	18.068	18.068	21
308.153	307.897	307.658	307.658	21
10.871	10.862	10.854	10.854	21
-	-	-	-	21
24.816	24.795	24.776	24.776	21
1.993.125	1.985.718	1.978.312	1.978.312	25
99.656	99.286	98.916	98.916	25
1.742.589	1.736.113	1.729.638	1.729.638	25
101.222	100.846	100.470	100.470	25
19.193	19.122	19.050	19.050	25
30.464	30.351	30.238	30.238	25
1.533.366	1.531.992	1.530.619	1.530.619	27
76.668	76.600	76.531	76.531	27
1.336.175	1.334.978	1.333.782	1.333.781	27

70.810	70.747	70.684	70.683	27
4.094	4.091	4.087	4.087	27
45.618	45.577	45.536	45.536	27
466.086	465.453	464.820	464.820	28
23.304	23.273	23.241	23.241	28
301.931	301.521	301.111	301.110	28
52.902	52.830	52.758	52.758	28
2.842	2.838	2.834	2.834	28
85.108	84.992	84.876	84.876	28
935.335	931.879	928.421	928.421	29
46.767	46.594	46.421	46.421	29
833.851	830.770	827.687	827.687	29
16.076	16.017	15.957	15.957	29
2.589	2.579	2.569	2.569	29
36.053	35.919	35.786	35.786	29
670.931	669.527	668.123	668.124	30
33.547	33.476	33.406	33.406	30
511.317	510.247	509.177	509.177	30
31.743	31.677	31.610	31.610	30
1.878	1.874	1.871	1.871	30
92.446	92.253	92.059	92.060	30
9.724.557	9.668.489	9.612.423	9.612.323	32
486.228	483.424	480.621	480.616	32
6.624.369	6.586.175	6.547.982	6.547.914	32
603.908	600.426	596.944	596.938	32
1.518.018	1.509.266	1.500.514	1.500.499	32
492.034	489.198	486.361	486.356	32
3.021.412	3.011.242	3.001.084	3.001.083	34
151.071	150.562	150.054	150.054	34
2.518.649	2.510.171	2.501.703	2.501.703	34
68.729	68.497	68.266	68.266	34
153.320	152.804	152.289	152.289	34
129.643	129.207	128.771	128.771	34
-	-	-	-	35
-	-	-	-	35
-	-	-	-	35
-	-	-	-	35
-	-	-	-	35
-	-	-	-	35
8.730.793	8.693.975	8.657.149	8.657.150	36
436.540	434.699	432.857	432.858	36
4.324.362	4.306.126	4.287.886	4.287.886	36
374.348	372.770	371.191	371.191	36
84.548	84.192	83.835	83.835	36
3.510.995	3.496.189	3.481.380	3.481.380	36
43.954.270	43.801.483	43.647.268	43.650.073	
2.197.714	2.190.074	2.182.363	2.182.504	
32.338.798	32.233.434	32.122.796	32.125.383	
2.405.159	2.395.560	2.387.133	2.387.277	
1.859.061	1.849.082	1.839.144	1.839.144	
5.153.540	5.133.332	5.115.831	5.115.765	



Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Tarifa Social (%)
Residencial (%)
Outros (%)

Volume Faturado Água (m³) - Social	VAS
Volume Faturado Água (m³) - Residencial	VAR
Volume Faturado Água (m³) - Comercial	VAC
Volume Faturado Água (m³) - Industrial	VAI
Volume Faturado Água (m³) - Público	VAP

Volume Faturado Água (m³) - Social	VAS
Volume Faturado Água (m³) - Residencial	VAR
Volume Faturado Água (m³) - Comercial	VAC
Volume Faturado Água (m³) - Industrial	VAI
Volume Faturado Água (m³) - Público	VAP

Volume Faturado Água (m³) - Social	VAS
Volume Faturado Água (m³) - Residencial	VAR
Volume Faturado Água (m³) - Comercial	VAC
Volume Faturado Água (m³) - Industrial	VAI
Volume Faturado Água (m³) - Público	VAP

Volume Faturado Água (m³) - Social	VAS
Volume Faturado Água (m³) - Residencial	VAR
Volume Faturado Água (m³) - Comercial	VAC
Volume Faturado Água (m³) - Industrial	VAI
Volume Faturado Água (m³) - Público	VAP

Volume Faturado Água (m³) - Social	VAS
Volume Faturado Água (m³) - Residencial	VAR
Volume Faturado Água (m³) - Comercial	VAC
Volume Faturado Água (m³) - Industrial	VAI
Volume Faturado Água (m³) - Público	VAP

Volume Faturado Água (m³) - Social	VAS
Volume Faturado Água (m³) - Residencial	VAR
Volume Faturado Água (m³) - Comercial	VAC
Volume Faturado Água (m³) - Industrial	VAI

[illegible]

PAT
PAT
PAT[illegible]

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Volume Faturado Esgoto (m³) - Social	VES
Volume Faturado Esgoto (m³) - Residencial	VER
Volume Faturado Esgoto (m³) - Comercial	VEC
Volume Faturado Esgoto (m³) - Industrial	VEI
Volume Faturado Esgoto (m³) - Público	VEP

Projeto de Concessão Regionalizada dos Serviços de Abastecimento de Água e Esgoto

Receita

Ano do Contrato de Concessão	TOTAL	1
------------------------------	-------	---

Tabela 15 - Inadimplência

1	Carapebus	10,00%
2	Rio das Ostras	10,00%
3	Trajano de Moraes	10,00%
4	Pinheiral	10,00%
5	Pirai	10,00%
6	Rio Claro	10,00%
7	Vassouras	10,00%
8	Bom Jesus do Itabapoana	10,00%
9	Natividade	10,00%
10	Sao Jose de Uba	10,00%
11	Sao Fidelis	10,00%
12	Bom Jardim	10,00%
13	Macuco	10,00%
14	Sapucaia	10,00%
15	Sumidouro	10,00%
16	Itaguaí	10,00%
17	Paracambi	10,00%
18	Rio de Janeiro - AP5	24,61%
19	Seropedica	10,00%
20	Carmo	66,88%
21	Itatiaia	94,00%

Tabela 16 - Tarifa Média de Água por Município (R\$/m³)

1	Carapebus	
1	Tarifa Social	3,26
1	Residencial	7,88
1	Comercial	38,55
1	Industrial	0,00
1	Pública	17,29
2	Rio das Ostras	
2	Tarifa Social	7,99
2	Residencial	7,99
2	Comercial	20,75
2	Industrial	28,17
2	Pública	3,27
3	Trajano de Moraes	
3	Tarifa Social	3,26
3	Residencial	6,75
3	Comercial	25,92
3	Industrial	0,00
3	Pública	2,50
4	Pinheiral	
4	Tarifa Social	6,77
4	Residencial	6,77
4	Comercial	24,55
4	Industrial	28,32

4	Pública	2,44
5	Pirai	
5	Tarifa Social	3,26
5	Residencial	6,51
5	Comercial	23,95
5	Industrial	39,51
5	Pública	2,11
6	Rio Claro	
6	Tarifa Social	3,26
6	Residencial	6,25
6	Comercial	18,30
6	Industrial	0,00
6	Pública	1,11
7	Vassouras	
7	Tarifa Social	3,26
7	Residencial	6,68
7	Comercial	23,92
7	Industrial	28,11
7	Pública	5,88
8	Bom Jesus do Itabapoana	
8	Tarifa Social	1,85
8	Residencial	6,69
8	Comercial	18,48
8	Industrial	72,38
8	Pública	3,78
9	Natividade	
9	Tarifa Social	1,82
9	Residencial	6,65
9	Comercial	20,84
9	Industrial	36,28
9	Pública	1,50
10	Sao Jose de Uba	
10	Tarifa Social	3,26
10	Residencial	7,22
10	Comercial	32,54
10	Industrial	0,00
10	Pública	1,59
11	Sao Fidelis	
11	Tarifa Social	7,33
11	Residencial	7,33
11	Comercial	24,24
11	Industrial	0,68
11	Pública	7,50
12	Bom Jardim	
12	Tarifa Social	3,26
12	Residencial	6,62
12	Comercial	21,75
12	Industrial	27,17
12	Pública	1,54
13	Macuco	

13	Tarifa Social	3,26
13	Residencial	6,17
13	Comercial	18,77
13	Industrial	28,31
13	Pública	1,26
14 Sapucaia		
14	Tarifa Social	3,26
14	Residencial	6,61
14	Comercial	22,38
14	Industrial	23,87
14	Pública	4,18
15 Sumidouro		
15	Tarifa Social	3,26
15	Residencial	5,74
15	Comercial	23,23
15	Industrial	35,82
15	Pública	0,71
16 Itaguaí		
16	Tarifa Social	8,26
16	Residencial	8,26
16	Comercial	23,17
16	Industrial	22,47
16	Pública	1,77
17 Paracambi		
17	Tarifa Social	3,26
17	Residencial	6,68
17	Comercial	20,16
17	Industrial	22,30
17	Pública	4,97
18 Rio de Janeiro - AP5		
18	Tarifa Social	3,26
18	Residencial	5,02
18	Comercial	16,03
18	Industrial	23,40
18	Pública	11,41
19 Seropédica		
19	Tarifa Social	5,26
19	Residencial	5,26
19	Comercial	16,54
19	Industrial	24,04
19	Pública	0,19

Tabela 17 - Projeções de Receita por Município (R\$ Mil)

1	Carapebus		
1	Receita Faturada	477.924	661
1	Tarifa Social	9.307	-
1	Residencial	430.304	610
1	Comercial	32.532	44
1	Industrial	-	-
1	Pública	5.781	8
1	Inadimplência	-47.792	-66
1	Receita Arrecadada	430.132	595

2	Rio das Ostras		
2	Receita Faturada	5.084.937	19.935
2	Tarifa Social	203.758	11
2	Residencial	3.231.935	13.458
2	Comercial	1.428.311	5.600
2	Industrial	149.329	585
2	Pública	71.604	281
2	Inadimplência	-508.494	-1.993
2	Receita Arrecadada	4.576.443	17.941
3	Trajano de Morais		
3	Receita Faturada	145.876	781
3	Tarifa Social	3.456	-
3	Residencial	137.568	756
3	Comercial	3.713	19
3	Industrial	-	-
3	Pública	1.138	6
3	Inadimplência	-14.588	-78
3	Receita Arrecadada	131.288	703
4	Pinheiral		
4	Receita Faturada	818.736	9.383
4	Tarifa Social	34.830	0
4	Residencial	630.890	7.629
4	Comercial	121.360	1.391
4	Industrial	18.646	214
4	Pública	13.011	149
4	Inadimplência	-81.874	-938
4	Receita Arrecadada	736.863	8.445
5	Pirai		
5	Receita Faturada	748.307	9.681
5	Tarifa Social	17.323	-
5	Residencial	685.688	9.110
5	Comercial	37.238	470
5	Industrial	4.042	51
5	Pública	4.015	51
5	Inadimplência	-74.831	-968
5	Receita Arrecadada	673.476	8.713
6	Rio Claro		
6	Receita Faturada	398.547	4.601
6	Tarifa Social	9.920	-
6	Residencial	375.789	4.456
6	Comercial	11.621	132
6	Industrial	-	-
6	Pública	1.217	14
6	Inadimplência	-39.855	-460
6	Receita Arrecadada	358.692	4.141
7	Vassouras		
7	Receita Faturada	972.175	18.833
7	Tarifa Social	20.285	-
7	Residencial	764.960	15.260
7	Comercial	126.810	2.424
7	Industrial	2.992	57
7	Pública	57.128	1.092
7	Inadimplência	-97.217	-1.883

7	Receita Arrecadada	874.957	16.949
8	Bom Jesus do Itabapoana		
8	Receita Faturada	985.124	8.380
8	Tarifa Social	12.754	2
8	Residencial	818.899	7.119
8	Comercial	116.829	959
8	Industrial	2.307	19
8	Pública	34.336	282
8	Inadimplência	-98.512	-838
8	Receita Arrecadada	886.612	7.542
9	Natividade		
9	Receita Faturada	322.341	6.364
9	Tarifa Social	4.195	24
9	Residencial	285.969	5.727
9	Comercial	26.525	506
9	Industrial	1.787	34
9	Pública	3.866	74
9	Inadimplência	-32.234	-636
9	Receita Arrecadada	290.107	5.727
10	Sao Jose de Uba		
10	Receita Faturada	161.584	1.138
10	Tarifa Social	3.412	-
10	Residencial	134.448	975
10	Comercial	21.339	147
10	Industrial	-	-
10	Pública	2.385	16
10	Inadimplência	-16.158	-114
10	Receita Arrecadada	145.425	1.024
11	Sao Fidelis		
11	Receita Faturada	1.061.293	12.151
11	Tarifa Social	45.253	5
11	Residencial	848.087	10.535
11	Comercial	152.903	1.467
11	Industrial	813	8
11	Pública	14.236	137
11	Inadimplência	-106.129	-1.215
11	Receita Arrecadada	955.163	10.936
12	Bom Jardim		
12	Receita Faturada	665.436	5.497
12	Tarifa Social	14.645	-
12	Residencial	545.223	4.637
12	Comercial	94.430	769
12	Industrial	6.819	56
12	Pública	4.320	35
12	Inadimplência	-66.544	-550
12	Receita Arrecadada	598.893	4.947
13	Macuco		
13	Receita Faturada	210.277	3.949
13	Tarifa Social	4.695	-
13	Residencial	126.159	2.486
13	Comercial	66.793	1.230
13	Industrial	5.412	100
13	Pública	7.218	133

13	Inadimplência	-21.028	-395
13	Receita Arrecadada	189.249	3.554
14	Sapucaia		
14	Receita Faturada	430.813	7.999
14	Tarifa Social	9.664	-
14	Residencial	382.223	7.335
14	Comercial	24.467	417
14	Industrial	4.202	72
14	Pública	10.257	175
14	Inadimplência	-43.081	-800
14	Receita Arrecadada	387.731	7.199
15	Sumidouro		
15	Receita Faturada	243.324	1.548
15	Tarifa Social	6.508	-
15	Residencial	182.742	1.211
15	Comercial	45.793	286
15	Industrial	4.178	26
15	Pública	4.102	26
15	Inadimplência	-24.332	-155
15	Receita Arrecadada	218.992	1.394
16	Itaguaí		
16	Receita Faturada	6.939.677	38.499
16	Tarifa Social	248.079	50
16	Residencial	3.536.110	20.948
16	Comercial	901.557	5.000
16	Industrial	2.197.669	12.189
16	Pública	56.261	312
16	Inadimplência	-693.968	-3.850
16	Receita Arrecadada	6.245.709	34.649
17	Paracambi		
17	Receita Faturada	1.448.305	11.813
17	Tarifa Social	29.777	-
17	Residencial	1.072.422	9.050
17	Comercial	88.003	703
17	Industrial	217.161	1.734
17	Pública	40.942	327
17	Inadimplência	-144.831	-1.181
17	Receita Arrecadada	1.303.475	10.632
18	Rio de Janeiro - AP5		
18	Receita Faturada	22.698.244	413.287
18	Tarifa Social	2.268.887	44.707
18	Residencial	10.802.851	212.864
18	Comercial	3.441.257	55.665
18	Industrial	2.248.302	36.368
18	Pública	3.936.947	63.683
18	Inadimplência	-2.865.642	-101.712
18	Receita Arrecadada	19.832.602	311.575
19	Seropédica		
19	Receita Faturada	2.125.189	9.198
19	Tarifa Social	138.427	0
19	Residencial	1.431.000	6.792
19	Comercial	387.700	1.678
19	Industrial	127.299	551

19	Pública	40.764	176
19	Inadimplência	-212.519	-920
19	Receita Arrecadada	1.912.671	8.278
20	Carmo		
20	Receita Faturada	194.727	1.780
20	Inadimplência	-37.457	-1.191
20	Receita Arrecadada	157.270	589
21	Itatiaia		
21	Receita Faturada	1.765.802	11.566
21	Inadimplência	-378.253	-10.872
21	Receita Arrecadada	1.387.549	694
TOTAL			
	Receita Faturada	47.898.637	597.045
	Tarifa Social	3.085.176	44.799
	Residencial	26.423.266	340.958
	Comercial	7.129.180	78.904
	Industrial	4.990.957	52.063
	Pública	4.309.530	66.976
	Carmo	194.727	1.780
	Itatiaia	1.765.802	11.566
	Inadimplência	-5.605.338	-130.816
	Receita Arrecadada	42.293.299	466.229
	Receita Indireta	2.346.609	14.926

tamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 3

2	3	4	5	6	7
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
23,57%	22,52%	21,48%	20,44%	19,39%	18,35%
10,00%	10,00%	10,00%	10,00%	10,00%	10,00%
62,82%	58,76%	54,69%	50,63%	46,57%	42,51%
88,00%	82,00%	76,00%	70,00%	64,00%	58,00%
3,26	3,26	3,26	3,26	3,26	3,26
7,88	7,88	7,88	7,88	7,88	7,88
38,55	38,55	38,55	38,55	38,55	38,55
0,00	0,00	0,00	0,00	0,00	0,00
17,29	17,29	17,29	17,29	17,29	17,29
7,99	7,99	7,99	7,99	7,99	7,99
7,99	7,99	7,99	7,99	7,99	7,99
20,75	20,75	20,75	20,75	20,75	20,75
28,17	28,17	28,17	28,17	28,17	28,17
3,27	3,27	3,27	3,27	3,27	3,27
3,26	3,26	3,26	3,26	3,26	3,26
6,75	6,75	6,75	6,75	6,75	6,75
25,92	25,92	25,92	25,92	25,92	25,92
0,00	0,00	0,00	0,00	0,00	0,00
2,50	2,50	2,50	2,50	2,50	2,50
6,77	6,77	6,77	6,77	6,77	6,77
6,77	6,77	6,77	6,77	6,77	6,77
24,55	24,55	24,55	24,55	24,55	24,55
28,32	28,32	28,32	28,32	28,32	28,32

2,44	2,44	2,44	2,44	2,44	2,44
3,26	3,26	3,26	3,26	3,26	3,26
6,51	6,51	6,51	6,51	6,51	6,51
23,95	23,95	23,95	23,95	23,95	23,95
39,51	39,51	39,51	39,51	39,51	39,51
2,11	2,11	2,11	2,11	2,11	2,11
3,26	3,26	3,26	3,26	3,26	3,26
6,25	6,25	6,25	6,25	6,25	6,25
18,30	18,30	18,30	18,30	18,30	18,30
0,00	0,00	0,00	0,00	0,00	0,00
1,11	1,11	1,11	1,11	1,11	1,11
3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
23,92	23,92	23,92	23,92	23,92	23,92
28,11	28,11	28,11	28,11	28,11	28,11
5,88	5,88	5,88	5,88	5,88	5,88
1,85	1,85	1,85	1,85	1,85	1,85
6,69	6,69	6,69	6,69	6,69	6,69
18,48	18,48	18,48	18,48	18,48	18,48
72,38	72,38	72,38	72,38	72,38	72,38
3,78	3,78	3,78	3,78	3,78	3,78
1,82	1,82	1,82	1,82	1,82	1,82
6,65	6,65	6,65	6,65	6,65	6,65
20,84	20,84	20,84	20,84	20,84	20,84
36,28	36,28	36,28	36,28	36,28	36,28
1,50	1,50	1,50	1,50	1,50	1,50
3,26	3,26	3,26	3,26	3,26	3,26
7,22	7,22	7,22	7,22	7,22	7,22
32,54	32,54	32,54	32,54	32,54	32,54
0,00	0,00	0,00	0,00	0,00	0,00
1,59	1,59	1,59	1,59	1,59	1,59
7,33	7,33	7,33	7,33	7,33	7,33
7,33	7,33	7,33	7,33	7,33	7,33
24,24	24,24	24,24	24,24	24,24	24,24
0,68	0,68	0,68	0,68	0,68	0,68
7,50	7,50	7,50	7,50	7,50	7,50
3,26	3,26	3,26	3,26	3,26	3,26
6,62	6,62	6,62	6,62	6,62	6,62
21,75	21,75	21,75	21,75	21,75	21,75
27,17	27,17	27,17	27,17	27,17	27,17
1,54	1,54	1,54	1,54	1,54	1,54

3,26	3,26	3,26	3,26	3,26	3,26
6,17	6,17	6,17	6,17	6,17	6,17
18,77	18,77	18,77	18,77	18,77	18,77
28,31	28,31	28,31	28,31	28,31	28,31
1,26	1,26	1,26	1,26	1,26	1,26

3,26	3,26	3,26	3,26	3,26	3,26
6,61	6,61	6,61	6,61	6,61	6,61
22,38	22,38	22,38	22,38	22,38	22,38
23,87	23,87	23,87	23,87	23,87	23,87
4,18	4,18	4,18	4,18	4,18	4,18

3,26	3,26	3,26	3,26	3,26	3,26
5,74	5,74	5,74	5,74	5,74	5,74
23,23	23,23	23,23	23,23	23,23	23,23
35,82	35,82	35,82	35,82	35,82	35,82
0,71	0,71	0,71	0,71	0,71	0,71

8,26	8,26	8,26	8,26	8,26	8,26
8,26	8,26	8,26	8,26	8,26	8,26
23,17	23,17	23,17	23,17	23,17	23,17
22,47	22,47	22,47	22,47	22,47	22,47
1,77	1,77	1,77	1,77	1,77	1,77

3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
20,16	20,16	20,16	20,16	20,16	20,16
22,30	22,30	22,30	22,30	22,30	22,30
4,97	4,97	4,97	4,97	4,97	4,97

3,26	3,26	3,26	3,26	3,26	3,26
5,02	5,02	5,02	5,02	5,02	5,02
16,03	16,03	16,03	16,03	16,03	16,03
23,40	23,40	23,40	23,40	23,40	23,40
11,41	11,41	11,41	11,41	11,41	11,41

5,26	5,26	5,26	5,26	5,26	5,26
5,26	5,26	5,26	5,26	5,26	5,26
16,54	16,54	16,54	16,54	16,54	16,54
24,04	24,04	24,04	24,04	24,04	24,04
0,19	0,19	0,19	0,19	0,19	0,19

1.860	3.109	4.380	5.664	6.955	8.251
5	17	37	64	99	141
1.709	2.847	3.998	5.151	6.303	7.451
124	208	294	381	470	560
-	-	-	-	-	-
22	37	52	68	84	99
-186	-311	-438	-566	-696	-825
1.674	2.798	3.942	5.098	6.260	7.426

28.441	36.946	47.765	59.517	72.213	85.925
182	451	861	1.420	2.143	3.050
19.035	24.512	31.412	38.793	46.648	55.005
7.989	10.378	13.417	16.718	20.284	24.135
835	1.085	1.403	1.748	2.121	2.523
400	520	673	838	1.017	1.210
-2.844	-3.695	-4.777	-5.952	-7.221	-8.592
25.597	33.252	42.989	53.565	64.992	77.332

1.064	1.367	1.688	2.024	2.372	2.730
4	9	18	28	41	57
1.025	1.314	1.616	1.930	2.253	2.583
26	34	42	51	60	69
-	-	-	-	-	-
8	10	13	16	18	21
-106	-137	-169	-202	-237	-273
957	1.231	1.519	1.822	2.135	2.457

10.639	11.911	13.198	14.500	15.817	17.146
69	154	256	375	511	664
8.581	9.531	10.476	11.416	12.350	13.278
1.577	1.766	1.956	2.149	2.344	2.542
242	271	301	330	360	390
169	189	210	230	251	272
-1.064	-1.191	-1.320	-1.450	-1.582	-1.715
9.575	10.720	11.878	13.050	14.235	15.432

11.367	13.152	15.035	17.017	17.602	18.187
40	92	158	240	311	387
10.655	12.278	13.980	15.758	16.230	16.700
554	643	737	837	872	904
60	70	80	91	95	98
60	69	80	90	94	97
-1.137	-1.315	-1.504	-1.702	-1.760	-1.819
10.231	11.837	13.532	15.315	15.842	16.368

5.526	6.435	7.332	8.221	8.732	9.242
21	48	82	124	165	210
5.330	6.182	7.016	7.835	8.287	8.735
159	185	212	238	253	269
-	-	-	-	-	-
17	19	22	25	27	28
-553	-644	-733	-822	-873	-924
4.973	5.792	6.599	7.399	7.858	8.318

19.810	20.810	21.834	22.881	23.519	24.156
63	133	211	295	381	471
15.979	16.706	17.443	18.190	18.608	19.017
2.556	2.694	2.836	2.982	3.073	3.167
60	64	67	70	72	75
1.151	1.214	1.278	1.343	1.384	1.427
-1.981	-2.081	-2.183	-2.288	-2.352	-2.416

17.829	18.729	19.651	20.593	21.167	21.741
10.006	11.745	13.590	15.537	17.582	19.721
21	46	79	120	170	229
8.476	9.919	11.443	13.040	14.709	16.445
1.149	1.354	1.573	1.809	2.058	2.320
23	27	31	36	41	46
338	398	462	532	605	682
-1.001	-1.174	-1.359	-1.554	-1.758	-1.972
9.006	10.570	12.231	13.983	15.824	17.749
6.649	6.937	7.229	7.524	7.823	8.124
34	46	58	71	86	101
5.971	6.217	6.465	6.716	6.967	7.220
530	556	582	608	635	662
36	37	39	41	43	45
77	81	85	89	93	96
-665	-694	-723	-752	-782	-812
5.984	6.243	6.506	6.772	7.040	7.312
1.386	1.657	1.951	2.268	2.606	2.966
4	10	18	28	41	56
1.183	1.408	1.651	1.910	2.185	2.476
179	215	254	296	342	391
-	-	-	-	-	-
20	24	28	33	38	44
-139	-166	-195	-227	-261	-297
1.248	1.492	1.756	2.041	2.345	2.669
13.795	15.505	17.278	19.112	21.003	22.950
96	209	346	508	696	910
11.959	13.334	14.734	16.165	17.614	19.087
1.584	1.787	2.001	2.220	2.452	2.688
8	9	11	12	13	14
148	166	186	207	228	250
-1.380	-1.551	-1.728	-1.911	-2.100	-2.295
12.416	13.955	15.550	17.201	18.903	20.655
6.578	7.732	8.956	10.245	11.597	13.008
21	50	88	134	190	257
5.528	6.472	7.467	8.503	9.582	10.700
920	1.082	1.254	1.439	1.632	1.835
66	78	91	104	118	133
42	50	57	66	75	84
-658	-773	-896	-1.025	-1.160	-1.301
5.920	6.959	8.060	9.221	10.437	11.708
4.142	4.337	4.535	4.736	4.939	5.144
14	30	47	65	85	107
2.589	2.691	2.794	2.895	2.996	3.097
1.294	1.359	1.425	1.493	1.562	1.632
105	110	115	121	127	132
140	147	154	161	169	176

-414	-434	-454	-474	-494	-514
3.727	3.903	4.082	4.262	4.445	4.630
8.424	8.855	9.292	9.735	10.184	10.639
29	61	96	135	177	222
7.688	8.043	8.401	8.760	9.121	9.482
444	472	500	528	557	587
76	81	86	91	96	101
186	198	209	221	234	246
-842	-886	-929	-974	-1.018	-1.064
7.582	7.970	8.363	8.762	9.166	9.575
2.034	2.544	3.073	3.618	4.174	4.741
8	20	36	57	83	113
1.581	1.966	2.361	2.763	3.169	3.577
376	472	572	675	782	890
34	43	52	62	71	81
34	42	51	60	70	80
-203	-254	-307	-362	-417	-474
1.830	2.289	2.766	3.256	3.757	4.267
55.516	73.706	92.745	112.419	127.587	142.755
357	853	1.551	2.458	3.445	4.589
29.922	39.347	49.034	58.857	66.142	73.271
7.210	9.573	12.046	14.601	16.571	18.541
17.577	23.336	29.363	35.592	40.394	45.197
450	597	752	911	1.034	1.157
-5.552	-7.371	-9.275	-11.242	-12.759	-14.276
49.965	66.336	83.471	101.177	114.828	128.480
14.779	17.700	20.585	23.440	26.457	29.475
45	108	188	287	406	545
11.266	13.425	15.535	17.600	19.763	21.902
882	1.059	1.236	1.412	1.599	1.787
2.176	2.614	3.050	3.485	3.946	4.410
410	493	575	657	744	831
-1.478	-1.770	-2.058	-2.344	-2.646	-2.947
13.301	15.930	18.526	21.096	23.812	26.527
436.213	467.407	510.750	568.192	597.753	623.629
46.975	50.108	54.508	60.367	63.223	65.664
223.661	238.578	259.531	287.424	301.021	312.645
59.190	63.889	70.319	78.789	83.474	87.696
38.671	41.741	45.942	51.475	54.537	57.295
67.716	73.091	80.448	90.137	95.498	100.329
-102.802	-105.275	-109.707	-116.116	-115.919	-114.429
333.411	362.131	401.042	452.076	481.834	509.200
14.440	20.058	25.922	31.957	36.841	41.726
140	388	752	1.237	1.782	2.422
10.524	14.424	18.391	22.363	25.425	28.392
2.634	3.659	4.729	5.830	6.721	7.612
865	1.201	1.553	1.914	2.207	2.499

277	385	497	613	707	800
-1.444	-2.006	-2.592	-3.196	-3.684	-4.173
12.996	18.052	23.330	28.761	33.157	37.553
2.485	3.222	3.977	4.745	5.524	5.579
-1.561	-1.893	-2.175	-2.403	-2.572	-2.371
924	1.329	1.802	2.343	2.951	3.208
16.763	22.387	28.422	34.846	41.640	43.136
-14.751	-18.358	-21.600	-24.392	-26.649	-25.019
2.012	4.030	6.821	10.454	14.990	18.117
671.914	757.523	859.538	978.199	1.062.921	1.139.232
48.127	52.835	59.391	68.013	74.034	80.196
382.663	429.195	483.747	546.070	589.374	631.063
89.377	101.384	115.985	133.056	145.741	158.287
60.835	70.768	82.184	95.171	104.240	113.040
71.665	77.731	85.833	96.298	102.369	107.931
2.485	3.222	3.977	4.745	5.524	5.579
16.763	22.387	28.422	34.846	41.640	43.136
-140.759	-151.977	-165.122	-179.953	-186.941	-188.508
531.155	605.546	694.416	798.246	875.979	950.724
20.157	26.513	34.382	48.910	53.146	56.962

2,44	2,44	2,44	2,44	2,44	2,44
3,26	3,26	3,26	3,26	3,26	3,26
6,51	6,51	6,51	6,51	6,51	6,51
23,95	23,95	23,95	23,95	23,95	23,95
39,51	39,51	39,51	39,51	39,51	39,51
2,11	2,11	2,11	2,11	2,11	2,11
3,26	3,26	3,26	3,26	3,26	3,26
6,25	6,25	6,25	6,25	6,25	6,25
18,30	18,30	18,30	18,30	18,30	18,30
0,00	0,00	0,00	0,00	0,00	0,00
1,11	1,11	1,11	1,11	1,11	1,11
3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
23,92	23,92	23,92	23,92	23,92	23,92
28,11	28,11	28,11	28,11	28,11	28,11
5,88	5,88	5,88	5,88	5,88	5,88
1,85	1,85	1,85	1,85	1,85	1,85
6,69	6,69	6,69	6,69	6,69	6,69
18,48	18,48	18,48	18,48	18,48	18,48
72,38	72,38	72,38	72,38	72,38	72,38
3,78	3,78	3,78	3,78	3,78	3,78
1,82	1,82	1,82	1,82	1,82	1,82
6,65	6,65	6,65	6,65	6,65	6,65
20,84	20,84	20,84	20,84	20,84	20,84
36,28	36,28	36,28	36,28	36,28	36,28
1,50	1,50	1,50	1,50	1,50	1,50
3,26	3,26	3,26	3,26	3,26	3,26
7,22	7,22	7,22	7,22	7,22	7,22
32,54	32,54	32,54	32,54	32,54	32,54
0,00	0,00	0,00	0,00	0,00	0,00
1,59	1,59	1,59	1,59	1,59	1,59
7,33	7,33	7,33	7,33	7,33	7,33
7,33	7,33	7,33	7,33	7,33	7,33
24,24	24,24	24,24	24,24	24,24	24,24
0,68	0,68	0,68	0,68	0,68	0,68
7,50	7,50	7,50	7,50	7,50	7,50
3,26	3,26	3,26	3,26	3,26	3,26
6,62	6,62	6,62	6,62	6,62	6,62
21,75	21,75	21,75	21,75	21,75	21,75
27,17	27,17	27,17	27,17	27,17	27,17
1,54	1,54	1,54	1,54	1,54	1,54

3,26	3,26	3,26	3,26	3,26	3,26
6,17	6,17	6,17	6,17	6,17	6,17
18,77	18,77	18,77	18,77	18,77	18,77
28,31	28,31	28,31	28,31	28,31	28,31
1,26	1,26	1,26	1,26	1,26	1,26

3,26	3,26	3,26	3,26	3,26	3,26
6,61	6,61	6,61	6,61	6,61	6,61
22,38	22,38	22,38	22,38	22,38	22,38
23,87	23,87	23,87	23,87	23,87	23,87
4,18	4,18	4,18	4,18	4,18	4,18

3,26	3,26	3,26	3,26	3,26	3,26
5,74	5,74	5,74	5,74	5,74	5,74
23,23	23,23	23,23	23,23	23,23	23,23
35,82	35,82	35,82	35,82	35,82	35,82
0,71	0,71	0,71	0,71	0,71	0,71

8,26	8,26	8,26	8,26	8,26	8,26
8,26	8,26	8,26	8,26	8,26	8,26
23,17	23,17	23,17	23,17	23,17	23,17
22,47	22,47	22,47	22,47	22,47	22,47
1,77	1,77	1,77	1,77	1,77	1,77

3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
20,16	20,16	20,16	20,16	20,16	20,16
22,30	22,30	22,30	22,30	22,30	22,30
4,97	4,97	4,97	4,97	4,97	4,97

3,26	3,26	3,26	3,26	3,26	3,26
5,02	5,02	5,02	5,02	5,02	5,02
16,03	16,03	16,03	16,03	16,03	16,03
23,40	23,40	23,40	23,40	23,40	23,40
11,41	11,41	11,41	11,41	11,41	11,41

5,26	5,26	5,26	5,26	5,26	5,26
5,26	5,26	5,26	5,26	5,26	5,26
16,54	16,54	16,54	16,54	16,54	16,54
24,04	24,04	24,04	24,04	24,04	24,04
0,19	0,19	0,19	0,19	0,19	0,19

9.551	10.852	12.156	13.460	14.730	16.142
191	217	243	269	295	323
8.593	9.765	10.937	12.111	13.254	14.524
651	739	828	917	1.003	1.100
-	-	-	-	-	-
116	131	147	163	178	195
-955	-1.085	-1.216	-1.346	-1.473	-1.614
8.596	9.767	10.940	12.114	13.257	14.528

100.581	116.164	132.576	148.665	166.546	179.538
4.157	4.800	5.479	6.144	6.882	7.419
63.802	73.687	84.098	94.304	105.646	113.887
28.252	32.629	37.239	41.759	46.781	50.431
2.954	3.411	3.893	4.366	4.891	5.272
1.416	1.636	1.867	2.093	2.345	2.528
-10.058	-11.616	-13.258	-14.867	-16.655	-17.954
90.523	104.548	119.318	133.799	149.891	161.584

3.097	3.472	3.860	4.242	4.542	4.881
76	86	95	105	112	120
2.918	3.271	3.636	3.997	4.279	4.598
79	88	98	108	116	125
-	-	-	-	-	-
24	27	30	33	36	38
-310	-347	-386	-424	-454	-488
2.788	3.124	3.474	3.818	4.088	4.393

18.488	19.842	21.208	22.584	23.835	25.349
835	896	958	1.020	1.077	1.145
14.198	15.237	16.286	17.343	18.304	19.466
2.740	2.941	3.144	3.348	3.533	3.757
421	452	483	514	543	577
294	315	337	359	379	403
-1.849	-1.984	-2.121	-2.258	-2.383	-2.535
16.639	17.858	19.087	20.326	21.451	22.814

18.771	19.356	19.940	20.524	21.112	21.949
468	482	497	511	526	547
17.165	17.699	18.233	18.768	19.305	20.070
936	966	995	1.024	1.053	1.095
102	105	108	111	114	119
101	104	107	110	114	118
-1.877	-1.936	-1.994	-2.052	-2.111	-2.195
16.894	17.420	17.946	18.472	19.001	19.754

9.752	10.261	10.772	11.283	11.794	12.396
259	273	287	300	314	330
9.178	9.657	10.138	10.619	11.100	11.667
285	300	315	329	344	362
-	-	-	-	-	-
30	31	33	35	36	38
-975	-1.026	-1.077	-1.128	-1.179	-1.240
8.776	9.235	9.695	10.155	10.615	11.157

24.794	25.432	26.069	26.706	27.343	28.300
566	580	595	609	624	646
19.421	19.924	20.423	20.922	21.425	22.175
3.262	3.343	3.427	3.510	3.591	3.717
77	79	81	83	85	88
1.469	1.506	1.544	1.581	1.618	1.674
-2.479	-2.543	-2.607	-2.671	-2.734	-2.830

22.315	22.889	23.462	24.036	24.609	25.470
21.950	24.265	26.662	29.139	30.452	32.003
299	330	363	396	414	435
18.243	20.164	22.156	24.209	25.297	26.585
2.595	2.871	3.154	3.450	3.609	3.793
51	57	62	68	71	75
763	844	927	1.014	1.061	1.115
-2.195	-2.426	-2.666	-2.914	-3.045	-3.200
19.755	21.838	23.996	26.225	27.407	28.803
8.429	8.736	9.047	9.360	9.569	9.796
117	121	126	130	133	136
7.475	7.747	8.022	8.300	8.484	8.685
689	716	741	767	785	803
46	48	50	52	53	54
100	104	108	112	114	117
-843	-874	-905	-936	-957	-980
7.586	7.863	8.142	8.424	8.612	8.816
3.347	3.749	4.172	4.615	4.859	5.175
74	83	92	102	107	114
2.781	3.115	3.467	3.835	4.038	4.300
442	496	552	610	642	684
-	-	-	-	-	-
49	55	62	68	72	76
-335	-375	-417	-461	-486	-517
3.012	3.374	3.755	4.153	4.373	4.657
24.949	26.999	29.097	31.243	32.799	34.503
1.152	1.247	1.343	1.442	1.479	1.556
20.572	22.251	23.968	25.729	25.861	27.204
2.936	3.188	3.446	3.706	4.970	5.228
16	17	18	20	26	28
273	297	321	345	463	487
-2.495	-2.700	-2.910	-3.124	-3.280	-3.450
22.454	24.299	26.188	28.118	29.519	31.052
14.477	15.999	17.573	19.197	20.067	21.179
335	370	406	444	464	490
11.851	13.101	14.386	15.716	16.428	17.338
2.049	2.262	2.487	2.717	2.840	2.998
148	163	180	196	205	216
94	103	114	124	130	137
-1.448	-1.600	-1.757	-1.920	-2.007	-2.118
13.029	14.399	15.816	17.277	18.061	19.061
5.352	5.562	5.774	5.988	6.116	6.291
130	135	141	146	149	153
3.197	3.322	3.449	3.577	3.653	3.758
1.703	1.770	1.837	1.906	1.946	2.002
138	143	149	154	158	162
184	191	199	206	210	216

-535	-556	-577	-599	-612	-629
4.817	5.006	5.197	5.390	5.505	5.662
11.099	11.564	12.033	12.509	12.839	13.237
272	283	295	306	314	324
9.843	10.251	10.663	11.081	11.370	11.718
618	647	676	705	726	751
106	111	116	121	125	129
259	271	283	296	304	315
-1.110	-1.156	-1.203	-1.251	-1.284	-1.324
9.989	10.407	10.830	11.258	11.555	11.913
5.317	5.899	6.487	7.080	7.540	8.050
149	165	181	198	211	225
3.986	4.422	4.863	5.307	5.652	6.035
1.001	1.111	1.222	1.334	1.420	1.516
91	101	111	122	130	138
90	100	109	119	127	136
-532	-590	-649	-708	-754	-805
4.785	5.309	5.838	6.372	6.786	7.245
157.923	173.092	188.260	203.429	218.597	234.928
5.889	6.454	7.020	7.585	8.151	8.760
80.225	87.931	95.636	103.342	111.047	119.343
20.517	22.488	24.458	26.429	28.399	30.521
50.013	54.816	59.620	64.424	69.228	74.399
1.280	1.403	1.526	1.649	1.772	1.905
-15.792	-17.309	-18.826	-20.343	-21.860	-23.493
142.131	155.783	169.434	183.086	196.738	211.435
32.492	35.510	38.527	41.545	44.562	47.809
703	768	833	898	964	1.034
24.017	26.247	28.477	30.708	32.938	35.337
1.976	2.160	2.344	2.527	2.711	2.908
4.877	5.330	5.783	6.236	6.689	7.176
920	1.005	1.090	1.176	1.261	1.353
-3.249	-3.551	-3.853	-4.154	-4.456	-4.781
29.243	31.959	34.675	37.390	40.106	43.028
640.649	648.681	656.721	664.200	671.493	674.403
67.154	67.691	68.224	68.692	69.136	69.126
319.739	322.298	324.834	327.064	329.178	329.128
90.712	92.476	94.254	95.962	97.655	98.717
59.266	60.418	61.580	62.696	63.802	64.496
103.779	105.797	107.831	109.785	111.722	112.937
-110.866	-105.486	-99.940	-94.147	-88.173	-81.517
529.783	543.195	556.781	570.053	583.320	592.886
46.611	51.495	56.380	61.265	66.149	71.533
3.156	3.487	3.818	4.148	4.479	4.844
31.265	34.542	37.818	41.095	44.371	47.983
8.503	9.394	10.285	11.177	12.068	13.050
2.792	3.085	3.377	3.670	3.962	4.285

894	988	1.081	1.175	1.269	1.372
-4.661	-5.150	-5.638	-6.126	-6.615	-7.153
41.950	46.346	50.742	55.138	59.534	64.380
5.625	5.661	5.688	5.871	5.949	6.027
-2.162	-1.946	-1.724	-1.541	-1.320	-1.092
3.462	3.715	3.964	4.330	4.629	4.935
44.574	45.950	47.260	49.903	50.768	51.650
-23.178	-21.137	-18.904	-16.967	-14.215	-11.363
21.395	24.813	28.356	32.936	36.553	40.287
1.207.828	1.268.541	1.330.264	1.392.806	1.451.664	1.505.139
85.980	88.469	90.993	93.446	95.830	97.726
668.468	704.630	741.491	778.025	811.630	843.803
169.948	180.584	191.502	202.285	214.194	223.558
121.098	128.338	135.612	142.833	150.081	157.215
112.135	114.910	117.716	120.444	123.211	125.161
5.625	5.661	5.688	5.871	5.949	6.027
44.574	45.950	47.260	49.903	50.768	51.650
-187.905	-185.394	-182.628	-179.938	-176.053	-171.278
1.019.923	1.083.147	1.147.635	1.212.868	1.275.610	1.333.861
60.391	63.427	66.513	69.640	72.583	75.257

2,44	2,44	2,44	2,44	2,44	2,44
3,26	3,26	3,26	3,26	3,26	3,26
6,51	6,51	6,51	6,51	6,51	6,51
23,95	23,95	23,95	23,95	23,95	23,95
39,51	39,51	39,51	39,51	39,51	39,51
2,11	2,11	2,11	2,11	2,11	2,11
3,26	3,26	3,26	3,26	3,26	3,26
6,25	6,25	6,25	6,25	6,25	6,25
18,30	18,30	18,30	18,30	18,30	18,30
0,00	0,00	0,00	0,00	0,00	0,00
1,11	1,11	1,11	1,11	1,11	1,11
3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
23,92	23,92	23,92	23,92	23,92	23,92
28,11	28,11	28,11	28,11	28,11	28,11
5,88	5,88	5,88	5,88	5,88	5,88
1,85	1,85	1,85	1,85	1,85	1,85
6,69	6,69	6,69	6,69	6,69	6,69
18,48	18,48	18,48	18,48	18,48	18,48
72,38	72,38	72,38	72,38	72,38	72,38
3,78	3,78	3,78	3,78	3,78	3,78
1,82	1,82	1,82	1,82	1,82	1,82
6,65	6,65	6,65	6,65	6,65	6,65
20,84	20,84	20,84	20,84	20,84	20,84
36,28	36,28	36,28	36,28	36,28	36,28
1,50	1,50	1,50	1,50	1,50	1,50
3,26	3,26	3,26	3,26	3,26	3,26
7,22	7,22	7,22	7,22	7,22	7,22
32,54	32,54	32,54	32,54	32,54	32,54
0,00	0,00	0,00	0,00	0,00	0,00
1,59	1,59	1,59	1,59	1,59	1,59
7,33	7,33	7,33	7,33	7,33	7,33
7,33	7,33	7,33	7,33	7,33	7,33
24,24	24,24	24,24	24,24	24,24	24,24
0,68	0,68	0,68	0,68	0,68	0,68
7,50	7,50	7,50	7,50	7,50	7,50
3,26	3,26	3,26	3,26	3,26	3,26
6,62	6,62	6,62	6,62	6,62	6,62
21,75	21,75	21,75	21,75	21,75	21,75
27,17	27,17	27,17	27,17	27,17	27,17
1,54	1,54	1,54	1,54	1,54	1,54

3,26	3,26	3,26	3,26	3,26	3,26
6,17	6,17	6,17	6,17	6,17	6,17
18,77	18,77	18,77	18,77	18,77	18,77
28,31	28,31	28,31	28,31	28,31	28,31
1,26	1,26	1,26	1,26	1,26	1,26

3,26	3,26	3,26	3,26	3,26	3,26
6,61	6,61	6,61	6,61	6,61	6,61
22,38	22,38	22,38	22,38	22,38	22,38
23,87	23,87	23,87	23,87	23,87	23,87
4,18	4,18	4,18	4,18	4,18	4,18

3,26	3,26	3,26	3,26	3,26	3,26
5,74	5,74	5,74	5,74	5,74	5,74
23,23	23,23	23,23	23,23	23,23	23,23
35,82	35,82	35,82	35,82	35,82	35,82
0,71	0,71	0,71	0,71	0,71	0,71

8,26	8,26	8,26	8,26	8,26	8,26
8,26	8,26	8,26	8,26	8,26	8,26
23,17	23,17	23,17	23,17	23,17	23,17
22,47	22,47	22,47	22,47	22,47	22,47
1,77	1,77	1,77	1,77	1,77	1,77

3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
20,16	20,16	20,16	20,16	20,16	20,16
22,30	22,30	22,30	22,30	22,30	22,30
4,97	4,97	4,97	4,97	4,97	4,97

3,26	3,26	3,26	3,26	3,26	3,26
5,02	5,02	5,02	5,02	5,02	5,02
16,03	16,03	16,03	16,03	16,03	16,03
23,40	23,40	23,40	23,40	23,40	23,40
11,41	11,41	11,41	11,41	11,41	11,41

5,26	5,26	5,26	5,26	5,26	5,26
5,26	5,26	5,26	5,26	5,26	5,26
16,54	16,54	16,54	16,54	16,54	16,54
24,04	24,04	24,04	24,04	24,04	24,04
0,19	0,19	0,19	0,19	0,19	0,19

16.285	16.400	16.513	16.627	16.740	16.854
326	328	330	333	335	337
14.653	14.756	14.858	14.960	15.062	15.165
1.109	1.117	1.125	1.133	1.140	1.148
-	-	-	-	-	-
197	199	200	201	203	204
-1.629	-1.640	-1.651	-1.663	-1.674	-1.685
14.657	14.760	14.862	14.964	15.066	15.169

180.029	180.134	180.218	180.284	180.330	180.001
7.440	7.444	7.447	7.450	7.452	7.439
114.199	114.265	114.318	114.360	114.390	114.181
50.569	50.598	50.621	50.640	50.653	50.561
5.287	5.290	5.292	5.294	5.296	5.286
2.535	2.537	2.538	2.539	2.539	2.535
-18.003	-18.013	-18.022	-18.028	-18.033	-18.000
162.026	162.120	162.196	162.255	162.297	162.001

4.923	4.943	4.964	4.984	5.005	5.026
121	122	122	123	123	124
4.637	4.656	4.676	4.695	4.714	4.733
126	126	127	128	128	129
-	-	-	-	-	-
39	39	39	39	39	40
-492	-494	-496	-498	-500	-503
4.430	4.449	4.467	4.486	4.504	4.523

25.612	25.826	26.040	26.254	26.468	26.683
1.157	1.167	1.176	1.186	1.196	1.205
19.668	19.833	19.997	20.162	20.326	20.491
3.796	3.828	3.860	3.892	3.923	3.955
583	588	593	598	603	608
407	410	414	417	421	424
-2.561	-2.583	-2.604	-2.625	-2.647	-2.668
23.050	23.244	23.436	23.629	23.821	24.014

22.200	22.436	22.671	22.908	23.145	23.382
553	559	565	571	576	582
20.295	20.512	20.731	20.947	21.164	21.380
1.111	1.123	1.131	1.143	1.155	1.166
121	122	123	124	125	127
120	121	122	123	125	126
-2.220	-2.244	-2.267	-2.291	-2.314	-2.338
19.980	20.193	20.404	20.617	20.830	21.043

12.487	12.546	12.605	12.665	12.724	12.783
332	334	335	337	339	340
11.752	11.808	11.864	11.919	11.975	12.031
365	366	368	370	371	373
-	-	-	-	-	-
38	38	39	39	39	39
-1.249	-1.255	-1.261	-1.266	-1.272	-1.278
11.238	11.292	11.345	11.398	11.452	11.505

28.619	28.839	29.059	29.279	29.499	29.719
653	658	663	668	673	678
22.426	22.602	22.779	22.956	23.133	23.310
3.759	3.785	3.810	3.836	3.862	3.887
89	89	90	90	91	92
1.693	1.705	1.717	1.728	1.740	1.751
-2.862	-2.884	-2.906	-2.928	-2.950	-2.972

25.757	25.955	26.153	26.351	26.549	26.747
32.241	32.379	32.519	32.657	32.797	32.937
439	440	442	444	446	448
26.778	26.893	27.005	27.120	27.231	27.343
3.825	3.841	3.861	3.877	3.898	3.918
76	76	76	77	77	77
1.124	1.129	1.135	1.140	1.145	1.151
-3.224	-3.238	-3.252	-3.266	-3.280	-3.294
29.017	29.141	29.267	29.392	29.518	29.643
9.812	9.820	9.827	9.835	9.842	9.850
136	136	137	137	137	137
8.700	8.705	8.712	8.719	8.725	8.731
805	806	807	808	808	810
54	54	54	54	54	55
117	118	118	118	118	118
-981	-982	-983	-983	-984	-985
8.831	8.838	8.845	8.851	8.858	8.865
5.247	5.292	5.338	5.383	5.428	5.473
116	117	118	119	120	121
4.360	4.397	4.435	4.473	4.511	4.548
694	700	706	712	718	724
-	-	-	-	-	-
78	78	79	80	80	81
-525	-529	-534	-538	-543	-547
4.722	4.763	4.804	4.844	4.886	4.926
34.651	34.712	34.773	34.834	34.899	34.946
1.562	1.565	1.568	1.571	1.573	1.576
27.321	27.369	27.417	27.465	27.510	27.547
5.250	5.260	5.269	5.278	5.294	5.301
28	28	28	28	28	28
489	490	491	491	493	494
-3.465	-3.471	-3.477	-3.483	-3.490	-3.495
31.186	31.240	31.295	31.350	31.409	31.452
21.423	21.581	21.739	21.900	22.058	22.218
495	499	502	506	510	513
17.534	17.664	17.793	17.920	18.049	18.177
3.036	3.058	3.081	3.107	3.129	3.156
219	221	222	224	226	228
139	140	141	142	143	144
-2.142	-2.158	-2.174	-2.190	-2.206	-2.222
19.281	19.423	19.565	19.710	19.852	19.996
6.339	6.370	6.401	6.432	6.463	6.494
154	155	156	157	157	158
3.786	3.804	3.823	3.842	3.860	3.879
2.017	2.027	2.037	2.047	2.057	2.067
163	164	165	166	167	167
218	219	220	221	222	223

-634	-637	-640	-643	-646	-649
5.705	5.733	5.761	5.789	5.817	5.845
13.304	13.333	13.361	13.389	13.417	13.442
325	326	327	327	328	329
11.773	11.795	11.818	11.840	11.863	11.884
758	762	765	767	770	773
130	131	131	132	132	133
318	319	321	322	323	324
-1.330	-1.333	-1.336	-1.339	-1.342	-1.344
11.974	12.000	12.025	12.050	12.075	12.098
8.101	8.131	8.161	8.191	8.221	8.251
226	227	228	229	230	231
6.073	6.095	6.118	6.140	6.162	6.185
1.526	1.532	1.537	1.543	1.548	1.554
139	140	140	141	141	142
137	137	138	138	139	139
-810	-813	-816	-819	-822	-825
7.291	7.318	7.345	7.372	7.399	7.425
236.090	236.425	236.760	237.095	237.430	237.420
8.803	8.816	8.828	8.841	8.853	8.853
119.934	120.104	120.274	120.444	120.614	120.609
30.672	30.716	30.759	30.803	30.846	30.845
74.767	74.873	74.979	75.086	75.192	75.189
1.914	1.917	1.920	1.922	1.925	1.925
-23.609	-23.643	-23.676	-23.709	-23.743	-23.742
212.481	212.783	213.084	213.385	213.687	213.678
48.037	48.178	48.321	48.462	48.603	48.744
1.039	1.042	1.045	1.048	1.051	1.054
35.506	35.611	35.716	35.820	35.925	36.029
2.922	2.931	2.939	2.948	2.956	2.965
7.211	7.232	7.253	7.274	7.296	7.317
1.359	1.363	1.367	1.371	1.375	1.379
-4.804	-4.818	-4.832	-4.846	-4.860	-4.874
43.233	43.361	43.489	43.616	43.743	43.870
677.086	679.543	681.776	683.785	685.570	687.133
69.091	69.032	68.951	68.846	68.718	68.568
328.963	328.684	328.294	327.795	327.187	326.473
99.748	100.747	101.714	102.648	103.549	104.416
65.169	65.821	66.453	67.064	67.652	68.219
114.116	115.258	116.365	117.434	118.464	119.457
-74.775	-67.954	-68.178	-68.379	-68.557	-68.713
602.311	611.588	613.598	615.407	617.013	618.420
72.033	72.263	72.494	72.724	72.955	73.186
4.878	4.893	4.909	4.924	4.940	4.956
48.318	48.472	48.627	48.782	48.937	49.091
13.141	13.183	13.225	13.267	13.309	13.351
4.315	4.329	4.342	4.356	4.370	4.384

1.382	1.386	1.391	1.395	1.399	1.404
-7.203	-7.226	-7.249	-7.272	-7.296	-7.319
64.829	65.037	65.245	65.452	65.660	65.868
6.027	6.027	6.027	6.027	6.027	6.027
-848	-603	-603	-603	-603	-603
5.179	5.424	5.424	5.424	5.424	5.424
52.547	53.460	54.389	55.335	56.298	57.278
-8.408	-5.346	-5.439	-5.534	-5.630	-5.728
44.140	48.114	48.950	49.802	50.668	51.550
1.513.093	1.518.639	1.523.956	1.529.050	1.533.920	1.537.848
97.847	97.860	97.850	97.815	97.757	97.648
846.676	848.026	849.254	850.359	851.339	851.787
225.227	226.504	227.741	228.945	230.116	231.099
158.351	159.158	159.944	160.708	161.450	162.050
126.419	127.603	128.751	129.860	130.933	131.958
6.027	6.027	6.027	6.027	6.027	6.027
52.547	53.460	54.389	55.335	56.298	57.278
-161.773	-151.864	-152.396	-152.905	-153.392	-153.785
1.351.320	1.366.775	1.371.561	1.376.145	1.380.528	1.384.063
75.655	75.932	76.198	76.452	76.696	76.892

2,44	2,44	2,44	2,44	2,44	2,44
3,26	3,26	3,26	3,26	3,26	3,26
6,51	6,51	6,51	6,51	6,51	6,51
23,95	23,95	23,95	23,95	23,95	23,95
39,51	39,51	39,51	39,51	39,51	39,51
2,11	2,11	2,11	2,11	2,11	2,11
3,26	3,26	3,26	3,26	3,26	3,26
6,25	6,25	6,25	6,25	6,25	6,25
18,30	18,30	18,30	18,30	18,30	18,30
0,00	0,00	0,00	0,00	0,00	0,00
1,11	1,11	1,11	1,11	1,11	1,11
3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
23,92	23,92	23,92	23,92	23,92	23,92
28,11	28,11	28,11	28,11	28,11	28,11
5,88	5,88	5,88	5,88	5,88	5,88
1,85	1,85	1,85	1,85	1,85	1,85
6,69	6,69	6,69	6,69	6,69	6,69
18,48	18,48	18,48	18,48	18,48	18,48
72,38	72,38	72,38	72,38	72,38	72,38
3,78	3,78	3,78	3,78	3,78	3,78
1,82	1,82	1,82	1,82	1,82	1,82
6,65	6,65	6,65	6,65	6,65	6,65
20,84	20,84	20,84	20,84	20,84	20,84
36,28	36,28	36,28	36,28	36,28	36,28
1,50	1,50	1,50	1,50	1,50	1,50
3,26	3,26	3,26	3,26	3,26	3,26
7,22	7,22	7,22	7,22	7,22	7,22
32,54	32,54	32,54	32,54	32,54	32,54
0,00	0,00	0,00	0,00	0,00	0,00
1,59	1,59	1,59	1,59	1,59	1,59
7,33	7,33	7,33	7,33	7,33	7,33
7,33	7,33	7,33	7,33	7,33	7,33
24,24	24,24	24,24	24,24	24,24	24,24
0,68	0,68	0,68	0,68	0,68	0,68
7,50	7,50	7,50	7,50	7,50	7,50
3,26	3,26	3,26	3,26	3,26	3,26
6,62	6,62	6,62	6,62	6,62	6,62
21,75	21,75	21,75	21,75	21,75	21,75
27,17	27,17	27,17	27,17	27,17	27,17
1,54	1,54	1,54	1,54	1,54	1,54

3,26	3,26	3,26	3,26	3,26	3,26
6,17	6,17	6,17	6,17	6,17	6,17
18,77	18,77	18,77	18,77	18,77	18,77
28,31	28,31	28,31	28,31	28,31	28,31
1,26	1,26	1,26	1,26	1,26	1,26

3,26	3,26	3,26	3,26	3,26	3,26
6,61	6,61	6,61	6,61	6,61	6,61
22,38	22,38	22,38	22,38	22,38	22,38
23,87	23,87	23,87	23,87	23,87	23,87
4,18	4,18	4,18	4,18	4,18	4,18

3,26	3,26	3,26	3,26	3,26	3,26
5,74	5,74	5,74	5,74	5,74	5,74
23,23	23,23	23,23	23,23	23,23	23,23
35,82	35,82	35,82	35,82	35,82	35,82
0,71	0,71	0,71	0,71	0,71	0,71

8,26	8,26	8,26	8,26	8,26	8,26
8,26	8,26	8,26	8,26	8,26	8,26
23,17	23,17	23,17	23,17	23,17	23,17
22,47	22,47	22,47	22,47	22,47	22,47
1,77	1,77	1,77	1,77	1,77	1,77

3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
20,16	20,16	20,16	20,16	20,16	20,16
22,30	22,30	22,30	22,30	22,30	22,30
4,97	4,97	4,97	4,97	4,97	4,97

3,26	3,26	3,26	3,26	3,26	3,26
5,02	5,02	5,02	5,02	5,02	5,02
16,03	16,03	16,03	16,03	16,03	16,03
23,40	23,40	23,40	23,40	23,40	23,40
11,41	11,41	11,41	11,41	11,41	11,41

5,26	5,26	5,26	5,26	5,26	5,26
5,26	5,26	5,26	5,26	5,26	5,26
16,54	16,54	16,54	16,54	16,54	16,54
24,04	24,04	24,04	24,04	24,04	24,04
0,19	0,19	0,19	0,19	0,19	0,19

16.890	16.925	16.962	16.997	17.025	17.018
338	339	339	340	341	340
15.197	15.229	15.261	15.293	15.319	15.313
1.151	1.153	1.155	1.158	1.160	1.159
-	-	-	-	-	-
204	205	205	206	206	206
-1.689	-1.693	-1.696	-1.700	-1.703	-1.702
15.201	15.233	15.265	15.297	15.323	15.316

179.728	179.436	179.126	178.799	178.142	177.568
7.427	7.415	7.402	7.389	7.362	7.338
114.008	113.823	113.626	113.419	113.002	112.638
50.484	50.402	50.315	50.223	50.038	49.877
5.278	5.269	5.260	5.251	5.231	5.215
2.531	2.527	2.522	2.518	2.509	2.500
-17.973	-17.944	-17.913	-17.880	-17.814	-17.757
161.755	161.492	161.214	160.919	160.328	159.811

5.030	5.035	5.040	5.044	5.041	5.033
124	124	124	124	124	124
4.738	4.743	4.747	4.752	4.749	4.741
129	129	129	129	129	129
-	-	-	-	-	-
40	39	39	40	39	39
-503	-503	-504	-504	-504	-503
4.527	4.531	4.536	4.540	4.537	4.530

26.807	26.931	27.055	27.180	27.304	27.359
1.211	1.217	1.222	1.228	1.233	1.236
20.586	20.681	20.776	20.872	20.968	21.010
3.974	3.992	4.010	4.029	4.047	4.055
610	613	616	619	622	623
426	428	430	432	434	435
-2.681	-2.693	-2.705	-2.718	-2.730	-2.736
24.126	24.238	24.349	24.462	24.574	24.623

23.522	23.663	23.803	23.944	24.084	24.162
586	589	593	596	600	602
21.509	21.637	21.766	21.894	22.023	22.094
1.173	1.180	1.187	1.194	1.202	1.205
127	128	129	130	130	131
127	127	128	129	130	130
-2.352	-2.366	-2.380	-2.394	-2.408	-2.416
21.170	21.296	21.423	21.549	21.676	21.745

12.814	12.844	12.875	12.905	12.935	12.940
341	342	343	343	344	344
12.060	12.088	12.117	12.145	12.174	12.178
374	375	376	377	378	378
-	-	-	-	-	-
39	39	39	39	40	40
-1.281	-1.284	-1.287	-1.291	-1.294	-1.294
11.532	11.560	11.587	11.615	11.642	11.646

29.851	29.983	30.115	30.249	30.381	30.432
682	685	688	691	694	695
23.419	23.527	23.635	23.740	23.848	23.893
3.901	3.915	3.929	3.947	3.961	3.964
92	92	93	93	93	94
1.758	1.764	1.770	1.778	1.784	1.786
-2.985	-2.998	-3.011	-3.025	-3.038	-3.043

26.866	26.985	27.103	27.224	27.343	27.389
32.993	33.050	33.106	33.164	33.209	33.197
449	449	450	451	452	451
27.389	27.436	27.483	27.526	27.563	27.554
3.924	3.931	3.938	3.948	3.953	3.952
77	78	78	78	78	78
1.153	1.155	1.157	1.160	1.162	1.162
-3.299	-3.305	-3.311	-3.316	-3.321	-3.320
29.694	29.745	29.795	29.847	29.888	29.877
9.853	9.855	9.857	9.860	9.862	9.862
137	137	137	137	137	137
8.733	8.735	8.737	8.740	8.742	8.742
810	810	810	811	811	811
55	55	55	55	55	55
118	118	118	118	118	118
-985	-985	-986	-986	-986	-986
8.867	8.869	8.872	8.874	8.876	8.876
5.498	5.522	5.546	5.571	5.596	5.603
121	122	122	123	123	124
4.569	4.588	4.609	4.629	4.650	4.656
727	730	733	737	740	741
-	-	-	-	-	-
81	82	82	82	83	83
-550	-552	-555	-557	-560	-560
4.948	4.970	4.992	5.014	5.036	5.043
34.932	34.919	34.905	34.891	34.815	34.739
1.575	1.574	1.574	1.573	1.570	1.566
27.536	27.526	27.515	27.504	27.444	27.384
5.299	5.297	5.295	5.293	5.282	5.270
28	28	28	28	28	28
493	493	493	493	492	491
-3.493	-3.492	-3.490	-3.489	-3.481	-3.474
31.439	31.427	31.414	31.402	31.333	31.265
22.306	22.395	22.483	22.570	22.660	22.689
515	517	519	521	523	524
18.248	18.318	18.389	18.461	18.530	18.553
3.168	3.185	3.197	3.210	3.226	3.230
229	230	231	232	233	233
145	146	146	147	148	148
-2.231	-2.240	-2.248	-2.257	-2.266	-2.269
20.075	20.156	20.234	20.313	20.394	20.420
6.510	6.526	6.542	6.558	6.575	6.577
159	159	159	160	160	160
3.888	3.898	3.908	3.917	3.927	3.928
2.072	2.077	2.082	2.087	2.092	2.093
168	168	169	169	170	170
224	224	225	226	226	226

-651	-653	-654	-656	-657	-658
5.859	5.874	5.888	5.903	5.917	5.919
13.439	13.436	13.432	13.430	13.401	13.372
329	329	328	328	328	327
11.878	11.876	11.871	11.868	11.841	11.816
774	774	775	775	775	773
133	133	133	133	133	133
325	324	325	325	325	324
-1.344	-1.344	-1.343	-1.343	-1.340	-1.337
12.095	12.092	12.089	12.087	12.061	12.035
8.262	8.274	8.286	8.297	8.305	8.301
231	231	231	232	232	232
6.194	6.202	6.211	6.220	6.226	6.223
1.556	1.559	1.561	1.563	1.564	1.564
142	142	142	143	143	143
139	140	140	140	140	140
-826	-827	-829	-830	-831	-830
7.436	7.447	7.457	7.468	7.475	7.471
237.076	236.731	236.387	236.042	235.152	234.261
8.840	8.827	8.814	8.801	8.768	8.735
120.434	120.259	120.084	119.909	119.457	119.004
30.800	30.755	30.711	30.666	30.550	30.434
75.079	74.970	74.861	74.752	74.470	74.188
1.922	1.919	1.916	1.914	1.906	1.899
-23.708	-23.673	-23.639	-23.604	-23.515	-23.426
213.368	213.058	212.748	212.438	211.637	210.835
48.766	48.788	48.809	48.831	48.776	48.699
1.055	1.055	1.055	1.056	1.055	1.053
36.045	36.061	36.077	36.093	36.052	35.996
2.966	2.968	2.969	2.970	2.967	2.962
7.320	7.323	7.326	7.330	7.322	7.310
1.380	1.381	1.381	1.382	1.380	1.378
-4.877	-4.879	-4.881	-4.883	-4.878	-4.870
43.889	43.909	43.928	43.948	43.898	43.829
688.475	689.596	690.497	691.179	691.645	691.896
68.396	68.203	67.989	67.754	67.498	67.223
325.656	324.736	323.715	322.596	321.380	320.070
105.249	106.048	106.812	107.540	108.232	108.889
68.763	69.285	69.784	70.260	70.712	71.141
120.410	121.324	122.197	123.030	123.822	124.573
-68.847	-68.960	-69.050	-69.118	-69.165	-69.190
619.627	620.636	621.447	622.061	622.481	622.707
73.202	73.218	73.233	73.250	73.105	72.945
4.957	4.958	4.959	4.960	4.950	4.939
49.102	49.113	49.123	49.134	49.037	48.930
13.354	13.357	13.360	13.363	13.337	13.307
4.385	4.386	4.387	4.388	4.379	4.369

1.404	1.404	1.405	1.405	1.402	1.399
-7.320	-7.322	-7.323	-7.325	-7.310	-7.294
65.881	65.896	65.910	65.925	65.794	65.650
6.027	6.027	6.027	6.027	6.027	6.027
-603	-603	-603	-603	-603	-603
5.424	5.424	5.424	5.424	5.424	5.424
58.275	59.290	59.290	59.290	59.290	59.290
-5.827	-5.929	-5.929	-5.929	-5.929	-5.929
52.447	53.361	53.361	53.361	53.361	53.361
1.540.254	1.542.443	1.543.375	1.544.078	1.543.330	1.541.972
97.471	97.272	97.050	96.808	96.494	96.151
851.188	850.475	849.650	848.712	846.931	844.722
231.887	232.637	233.345	234.018	234.443	234.794
162.487	162.902	163.292	163.659	163.799	163.910
132.919	133.840	134.721	135.563	136.346	137.077
6.027	6.027	6.027	6.027	6.027	6.027
58.275	59.290	59.290	59.290	59.290	59.290
-154.025	-154.244	-154.338	-154.408	-154.333	-154.197
1.386.229	1.388.199	1.389.038	1.389.670	1.388.997	1.387.775
77.013	77.122	77.169	77.204	77.167	77.099

2,44	2,44	2,44	2,44	2,44	2,44
3,26	3,26	3,26	3,26	3,26	3,26
6,51	6,51	6,51	6,51	6,51	6,51
23,95	23,95	23,95	23,95	23,95	23,95
39,51	39,51	39,51	39,51	39,51	39,51
2,11	2,11	2,11	2,11	2,11	2,11
3,26	3,26	3,26	3,26	3,26	3,26
6,25	6,25	6,25	6,25	6,25	6,25
18,30	18,30	18,30	18,30	18,30	18,30
0,00	0,00	0,00	0,00	0,00	0,00
1,11	1,11	1,11	1,11	1,11	1,11
3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
23,92	23,92	23,92	23,92	23,92	23,92
28,11	28,11	28,11	28,11	28,11	28,11
5,88	5,88	5,88	5,88	5,88	5,88
1,85	1,85	1,85	1,85	1,85	1,85
6,69	6,69	6,69	6,69	6,69	6,69
18,48	18,48	18,48	18,48	18,48	18,48
72,38	72,38	72,38	72,38	72,38	72,38
3,78	3,78	3,78	3,78	3,78	3,78
1,82	1,82	1,82	1,82	1,82	1,82
6,65	6,65	6,65	6,65	6,65	6,65
20,84	20,84	20,84	20,84	20,84	20,84
36,28	36,28	36,28	36,28	36,28	36,28
1,50	1,50	1,50	1,50	1,50	1,50
3,26	3,26	3,26	3,26	3,26	3,26
7,22	7,22	7,22	7,22	7,22	7,22
32,54	32,54	32,54	32,54	32,54	32,54
0,00	0,00	0,00	0,00	0,00	0,00
1,59	1,59	1,59	1,59	1,59	1,59
7,33	7,33	7,33	7,33	7,33	7,33
7,33	7,33	7,33	7,33	7,33	7,33
24,24	24,24	24,24	24,24	24,24	24,24
0,68	0,68	0,68	0,68	0,68	0,68
7,50	7,50	7,50	7,50	7,50	7,50
3,26	3,26	3,26	3,26	3,26	3,26
6,62	6,62	6,62	6,62	6,62	6,62
21,75	21,75	21,75	21,75	21,75	21,75
27,17	27,17	27,17	27,17	27,17	27,17
1,54	1,54	1,54	1,54	1,54	1,54

3,26	3,26	3,26	3,26	3,26	3,26
6,17	6,17	6,17	6,17	6,17	6,17
18,77	18,77	18,77	18,77	18,77	18,77
28,31	28,31	28,31	28,31	28,31	28,31
1,26	1,26	1,26	1,26	1,26	1,26

3,26	3,26	3,26	3,26	3,26	3,26
6,61	6,61	6,61	6,61	6,61	6,61
22,38	22,38	22,38	22,38	22,38	22,38
23,87	23,87	23,87	23,87	23,87	23,87
4,18	4,18	4,18	4,18	4,18	4,18

3,26	3,26	3,26	3,26	3,26	3,26
5,74	5,74	5,74	5,74	5,74	5,74
23,23	23,23	23,23	23,23	23,23	23,23
35,82	35,82	35,82	35,82	35,82	35,82
0,71	0,71	0,71	0,71	0,71	0,71

8,26	8,26	8,26	8,26	8,26	8,26
8,26	8,26	8,26	8,26	8,26	8,26
23,17	23,17	23,17	23,17	23,17	23,17
22,47	22,47	22,47	22,47	22,47	22,47
1,77	1,77	1,77	1,77	1,77	1,77

3,26	3,26	3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68	6,68	6,68
20,16	20,16	20,16	20,16	20,16	20,16
22,30	22,30	22,30	22,30	22,30	22,30
4,97	4,97	4,97	4,97	4,97	4,97

3,26	3,26	3,26	3,26	3,26	3,26
5,02	5,02	5,02	5,02	5,02	5,02
16,03	16,03	16,03	16,03	16,03	16,03
23,40	23,40	23,40	23,40	23,40	23,40
11,41	11,41	11,41	11,41	11,41	11,41

5,26	5,26	5,26	5,26	5,26	5,26
5,26	5,26	5,26	5,26	5,26	5,26
16,54	16,54	16,54	16,54	16,54	16,54
24,04	24,04	24,04	24,04	24,04	24,04
0,19	0,19	0,19	0,19	0,19	0,19

17.011	17.004	16.996	16.956	16.917	16.877
340	340	340	339	338	338
15.306	15.299	15.292	15.257	15.221	15.186
1.159	1.158	1.158	1.155	1.152	1.150
-	-	-	-	-	-
206	206	206	205	205	204
-1.701	-1.700	-1.700	-1.696	-1.692	-1.688
15.310	15.303	15.296	15.261	15.225	15.189

176.976	176.368	175.743	174.865	174.046	173.213
7.313	7.288	7.263	7.226	7.192	7.158
112.262	111.877	111.480	110.923	110.403	109.875
49.711	49.540	49.365	49.118	48.888	48.654
5.197	5.179	5.161	5.135	5.111	5.087
2.492	2.484	2.475	2.462	2.451	2.439
-17.698	-17.637	-17.574	-17.487	-17.405	-17.321
159.278	158.731	158.169	157.379	156.641	155.891

5.026	5.019	5.011	4.995	4.979	4.962
124	124	123	123	123	122
4.735	4.728	4.721	4.706	4.691	4.675
128	128	128	127	126	126
-	-	-	-	-	-
39	39	39	39	39	39
-503	-502	-501	-500	-498	-496
4.523	4.517	4.510	4.496	4.481	4.466

27.414	27.469	27.525	27.575	27.569	27.563
1.238	1.241	1.243	1.246	1.245	1.245
21.052	21.095	21.137	21.175	21.171	21.167
4.064	4.072	4.080	4.087	4.086	4.086
624	626	627	628	628	628
436	437	437	438	438	438
-2.741	-2.747	-2.752	-2.757	-2.757	-2.756
24.673	24.722	24.772	24.817	24.812	24.807

24.239	24.317	24.394	24.470	24.491	24.513
604	606	608	609	610	611
22.165	22.236	22.306	22.380	22.400	22.420
1.209	1.213	1.217	1.217	1.218	1.219
131	132	132	132	132	132
130	131	131	131	131	131
-2.424	-2.432	-2.439	-2.447	-2.449	-2.451
21.815	21.885	21.955	22.023	22.042	22.062

12.945	12.949	12.954	12.940	12.922	12.905
344	345	345	344	344	343
12.183	12.187	12.191	12.178	12.162	12.145
378	378	378	378	377	377
-	-	-	-	-	-
40	40	40	40	40	39
-1.294	-1.295	-1.295	-1.294	-1.292	-1.290
11.650	11.654	11.659	11.646	11.630	11.614

30.484	30.535	30.589	30.627	30.610	30.593
696	697	699	700	699	699
23.939	23.984	24.026	24.061	24.052	24.044
3.968	3.971	3.978	3.980	3.974	3.969
94	94	94	94	94	94
1.787	1.789	1.792	1.793	1.790	1.788
-3.048	-3.054	-3.059	-3.063	-3.061	-3.059

27.435	27.482	27.530	27.565	27.549	27.534
33.185	33.174	33.162	33.095	33.028	32.960
451	451	451	450	449	448
27.544	27.535	27.525	27.469	27.413	27.358
3.951	3.949	3.948	3.940	3.932	3.924
78	78	78	78	78	77
1.161	1.161	1.160	1.158	1.156	1.153
-3.319	-3.317	-3.316	-3.310	-3.303	-3.296
29.867	29.857	29.846	29.786	29.725	29.664
9.862	9.862	9.862	9.861	9.860	9.859
137	137	137	137	137	137
8.741	8.741	8.740	8.739	8.738	8.737
812	812	812	812	812	811
55	55	55	55	55	55
118	118	118	118	118	118
-986	-986	-986	-986	-986	-986
8.876	8.876	8.876	8.875	8.874	8.873
5.612	5.620	5.629	5.632	5.628	5.624
124	124	124	124	124	124
4.663	4.670	4.677	4.680	4.677	4.673
742	743	744	745	744	743
-	-	-	-	-	-
83	83	83	83	83	83
-561	-562	-563	-563	-563	-562
5.051	5.058	5.066	5.069	5.065	5.061
34.662	34.586	34.510	34.384	34.257	34.126
1.563	1.559	1.556	1.550	1.545	1.539
27.324	27.264	27.204	27.104	27.004	26.901
5.258	5.247	5.235	5.216	5.197	5.177
28	28	28	28	28	28
490	489	487	486	484	482
-3.466	-3.459	-3.451	-3.438	-3.426	-3.413
31.196	31.128	31.059	30.945	30.832	30.714
22.717	22.746	22.774	22.782	22.762	22.742
525	525	526	526	526	525
18.577	18.600	18.623	18.630	18.613	18.597
3.234	3.238	3.242	3.244	3.241	3.238
234	234	234	234	234	234
148	148	148	148	148	148
-2.272	-2.275	-2.277	-2.278	-2.276	-2.274
20.445	20.471	20.497	20.504	20.486	20.468
6.580	6.582	6.585	6.579	6.570	6.561
160	160	160	160	160	160
3.930	3.932	3.933	3.929	3.924	3.919
2.094	2.095	2.095	2.093	2.091	2.088
170	170	170	170	169	169
226	226	226	226	226	226

-658	-658	-659	-658	-657	-656
5.922	5.924	5.927	5.921	5.913	5.905
13.344	13.315	13.287	13.239	13.190	13.142
326	326	325	324	323	321
11.792	11.767	11.742	11.700	11.657	11.614
770	768	767	764	761	758
132	132	132	131	131	130
323	322	321	320	319	318
-1.334	-1.332	-1.329	-1.324	-1.319	-1.314
12.009	11.984	11.958	11.915	11.871	11.828
8.297	8.293	8.289	8.272	8.255	8.238
232	232	232	231	231	230
6.220	6.217	6.214	6.201	6.188	6.175
1.563	1.562	1.561	1.558	1.555	1.552
143	143	142	142	142	142
140	140	140	140	139	139
-830	-829	-829	-827	-825	-824
7.467	7.464	7.460	7.445	7.429	7.414
233.370	232.479	231.588	230.285	228.981	227.677
8.702	8.668	8.635	8.587	8.538	8.489
118.552	118.099	117.647	116.984	116.322	115.660
30.319	30.203	30.087	29.918	29.748	29.579
73.906	73.624	73.342	72.929	72.516	72.103
1.892	1.885	1.878	1.867	1.856	1.846
-23.337	-23.248	-23.159	-23.028	-22.898	-22.768
210.033	209.231	208.430	207.256	206.083	204.909
48.623	48.547	48.471	48.310	48.149	47.989
1.051	1.050	1.048	1.045	1.041	1.038
35.940	35.883	35.827	35.708	35.589	35.470
2.958	2.953	2.948	2.939	2.929	2.919
7.299	7.287	7.276	7.252	7.227	7.203
1.376	1.374	1.372	1.367	1.363	1.358
-4.862	-4.855	-4.847	-4.831	-4.815	-4.799
43.761	43.693	43.624	43.479	43.334	43.190
691.934	691.759	691.374	690.782	689.982	688.979
66.929	66.615	66.283	65.933	65.565	65.180
318.668	317.175	315.594	313.926	312.175	310.341
109.509	110.092	110.638	111.148	111.620	112.054
71.546	71.927	72.284	72.617	72.925	73.209
125.283	125.950	126.575	127.158	127.698	128.195
-69.193	-69.176	-69.137	-69.078	-68.998	-68.898
622.741	622.583	622.237	621.704	620.984	620.081
72.784	72.624	72.464	72.164	71.863	71.563
4.929	4.918	4.907	4.886	4.866	4.846
48.822	48.714	48.607	48.406	48.204	48.002
13.278	13.249	13.220	13.165	13.110	13.055
4.360	4.350	4.341	4.323	4.305	4.287

1.396	1.393	1.390	1.384	1.378	1.373
-7.278	-7.262	-7.246	-7.216	-7.186	-7.156
65.506	65.362	65.218	64.947	64.677	64.406
6.027	6.027	6.027	6.027	6.027	6.027
-603	-603	-603	-603	-603	-603
5.424	5.424	5.424	5.424	5.424	5.424
59.290	59.290	59.290	59.290	59.290	59.290
-5.929	-5.929	-5.929	-5.929	-5.929	-5.929
53.361	53.361	53.361	53.361	53.361	53.361
1.540.383	1.538.568	1.536.526	1.533.130	1.529.376	1.525.401
95.789	95.406	95.005	94.541	94.056	93.553
842.413	840.002	837.488	834.158	830.605	826.958
235.103	235.372	235.602	235.603	235.561	235.479
163.996	164.057	164.095	163.947	163.774	163.577
137.766	138.413	139.020	139.564	140.062	140.518
6.027	6.027	6.027	6.027	6.027	6.027
59.290	59.290	59.290	59.290	59.290	59.290
-154.038	-153.857	-153.653	-153.313	-152.938	-152.540
1.386.345	1.384.711	1.382.873	1.379.817	1.376.438	1.372.861
77.019	76.928	76.826	76.657	76.469	76.270

32	33	34	35	
10,00%	10,00%	10,00%	10,00%	1 INAD
10,00%	10,00%	10,00%	10,00%	4 INAD
10,00%	10,00%	10,00%	10,00%	6 INAD
10,00%	10,00%	10,00%	10,00%	11 INAD
10,00%	10,00%	10,00%	10,00%	12 INAD
10,00%	10,00%	10,00%	10,00%	13 INAD
10,00%	10,00%	10,00%	10,00%	15 INAD
10,00%	10,00%	10,00%	10,00%	16 INAD
10,00%	10,00%	10,00%	10,00%	19 INAD
10,00%	10,00%	10,00%	10,00%	21 INAD
10,00%	10,00%	10,00%	10,00%	25 INAD
10,00%	10,00%	10,00%	10,00%	27 INAD
10,00%	10,00%	10,00%	10,00%	28 INAD
10,00%	10,00%	10,00%	10,00%	29 INAD
10,00%	10,00%	10,00%	10,00%	30 INAD
10,00%	10,00%	10,00%	10,00%	32 INAD
10,00%	10,00%	10,00%	10,00%	34 INAD
10,00%	10,00%	10,00%	10,00%	35 INAD
10,00%	10,00%	10,00%	10,00%	36 INAD
10,00%	10,00%	10,00%	10,00%	37 INAD
10,00%	10,00%	10,00%	10,00%	38 INAD
3,26	3,26	3,26	3,26	1
7,88	7,88	7,88	7,88	1 TSA
38,55	38,55	38,55	38,55	1 TRA
0,00	0,00	0,00	0,00	1 TCA
17,29	17,29	17,29	17,29	1 TIA
7,99	7,99	7,99	7,99	1 TPA
7,99	7,99	7,99	7,99	4
20,75	20,75	20,75	20,75	4 TSA
28,17	28,17	28,17	28,17	4 TRA
3,27	3,27	3,27	3,27	4 TCA
3,26	3,26	3,26	3,26	4 TIA
6,75	6,75	6,75	6,75	4 TPA
25,92	25,92	25,92	25,92	6
0,00	0,00	0,00	0,00	6 TSA
2,50	2,50	2,50	2,50	6 TRA
6,77	6,77	6,77	6,77	6 TCA
6,77	6,77	6,77	6,77	6 TIA
24,55	24,55	24,55	24,55	6 TPA
28,32	28,32	28,32	28,32	11
				11 TSA
				11 TRA
				11 TCA
				11 TIA

2,44	2,44	2,44	2,44	11 TPA
				12
3,26	3,26	3,26	3,26	12 TSA
6,51	6,51	6,51	6,51	12 TRA
23,95	23,95	23,95	23,95	12 TCA
39,51	39,51	39,51	39,51	12 TIA
2,11	2,11	2,11	2,11	12 TPA
				13
3,26	3,26	3,26	3,26	13 TSA
6,25	6,25	6,25	6,25	13 TRA
18,30	18,30	18,30	18,30	13 TCA
0,00	0,00	0,00	0,00	13 TIA
1,11	1,11	1,11	1,11	13 TPA
				15
3,26	3,26	3,26	3,26	15 TSA
6,68	6,68	6,68	6,68	15 TRA
23,92	23,92	23,92	23,92	15 TCA
28,11	28,11	28,11	28,11	15 TIA
5,88	5,88	5,88	5,88	15 TPA
				16
1,85	1,85	1,85	1,85	16 TSA
6,69	6,69	6,69	6,69	16 TRA
18,48	18,48	18,48	18,48	16 TCA
72,38	72,38	72,38	72,38	16 TIA
3,78	3,78	3,78	3,78	16 TPA
				19
1,82	1,82	1,82	1,82	19 TSA
6,65	6,65	6,65	6,65	19 TRA
20,84	20,84	20,84	20,84	19 TCA
36,28	36,28	36,28	36,28	19 TIA
1,50	1,50	1,50	1,50	19 TPA
				21
3,26	3,26	3,26	3,26	21 TSA
7,22	7,22	7,22	7,22	21 TRA
32,54	32,54	32,54	32,54	21 TCA
0,00	0,00	0,00	0,00	21 TIA
1,59	1,59	1,59	1,59	21 TPA
				25
7,33	7,33	7,33	7,33	25 TSA
7,33	7,33	7,33	7,33	25 TRA
24,24	24,24	24,24	24,24	25 TCA
0,68	0,68	0,68	0,68	25 TIA
7,50	7,50	7,50	7,50	25 TPA
				27
3,26	3,26	3,26	3,26	27 TSA
6,62	6,62	6,62	6,62	27 TRA
21,75	21,75	21,75	21,75	27 TCA
27,17	27,17	27,17	27,17	27 TIA
1,54	1,54	1,54	1,54	27 TPA
				28

3,26	3,26	3,26	3,26
6,17	6,17	6,17	6,17
18,77	18,77	18,77	18,77
28,31	28,31	28,31	28,31
1,26	1,26	1,26	1,26

28 TSA
28 TRA
28 TCA
28 TIA
28 TPA

3,26	3,26	3,26	3,26
6,61	6,61	6,61	6,61
22,38	22,38	22,38	22,38
23,87	23,87	23,87	23,87
4,18	4,18	4,18	4,18

29
29 TSA
29 TRA
29 TCA
29 TIA
29 TPA

3,26	3,26	3,26	3,26
5,74	5,74	5,74	5,74
23,23	23,23	23,23	23,23
35,82	35,82	35,82	35,82
0,71	0,71	0,71	0,71

30
30 TSA
30 TRA
30 TCA
30 TIA
30 TPA

8,26	8,26	8,26	8,26
8,26	8,26	8,26	8,26
23,17	23,17	23,17	23,17
22,47	22,47	22,47	22,47
1,77	1,77	1,77	1,77

32
32 TSA
32 TRA
32 TCA
32 TIA
32 TPA

3,26	3,26	3,26	3,26
6,68	6,68	6,68	6,68
20,16	20,16	20,16	20,16
22,30	22,30	22,30	22,30
4,97	4,97	4,97	4,97

34
34 TSA
34 TRA
34 TCA
34 TIA
34 TPA

3,26	3,26	3,26	3,26
5,02	5,02	5,02	5,02
16,03	16,03	16,03	16,03
23,40	23,40	23,40	23,40
11,41	11,41	11,41	11,41

35
35 TSA
35 TRA
35 TCA
35 TIA
35 TPA

5,26	5,26	5,26	5,26
5,26	5,26	5,26	5,26
16,54	16,54	16,54	16,54
24,04	24,04	24,04	24,04
0,19	0,19	0,19	0,19

36
36 TSA
36 TRA
36 TCA
36 TIA
36 TPA

16.838	16.798	16.758	16.758
337	336	335	335
15.150	15.114	15.079	15.079
1.147	1.144	1.142	1.142
-	-	-	-
204	203	203	203
-1.684	-1.680	-1.676	-1.676
15.154	15.118	15.082	15.082

1
1
1 RTFSA RTFSE
1 RTFRA RTFER
1 RTFCA RTFCE
1 RTFIA RTFIE
1 RTFPA RTFPE
1 INAD
1

172.364	171.499	170.621	170.637	4	
7.123	7.087	7.051	7.052	4	
109.337	108.788	108.231	108.241	4 RTFSA	RTFSE
48.415	48.173	47.926	47.930	4 RTFRA	RTFER
5.062	5.036	5.011	5.011	4 RTFCA	RTFCE
2.427	2.415	2.403	2.403	4 RTFIA	RTFIE
-17.236	-17.150	-17.062	-17.064	4 RTFPA	RTFPE
155.128	154.350	153.559	153.573	4 INAD	
				4	
				6	
4.945	4.928	4.911	4.911	6	
122	121	121	121	6 RTFSA	RTFSE
4.659	4.643	4.628	4.627	6 RTFRA	RTFER
125	125	125	125	6 RTFCA	RTFCE
-	-	-	-	6 RTFIA	RTFIE
38	38	38	38	6 RTFPA	RTFPE
-494	-493	-491	-491	6 INAD	
4.450	4.435	4.420	4.420	6	
				11	
27.558	27.552	27.547	27.547	11	
1.245	1.245	1.244	1.244	11 RTFSA	RTFSE
21.163	21.158	21.154	21.154	11 RTFRA	RTFER
4.085	4.084	4.083	4.083	11 RTFCA	RTFCE
628	627	627	627	11 RTFIA	RTFIE
438	438	438	438	11 RTFPA	RTFPE
-2.756	-2.755	-2.755	-2.755	11 INAD	
24.802	24.797	24.792	24.792	11	
				12	
24.535	24.557	24.579	24.600	12	
611	612	612	613	12 RTFSA	RTFSE
22.440	22.460	22.479	22.499	12 RTFRA	RTFER
1.220	1.221	1.222	1.223	12 RTFCA	RTFCE
132	133	133	133	12 RTFIA	RTFIE
132	132	132	132	12 RTFPA	RTFPE
-2.453	-2.456	-2.458	-2.460	12 INAD	
22.081	22.101	22.121	22.140	12	
				13	
12.887	12.869	12.852	12.852	13	
343	342	342	342	13 RTFSA	RTFSE
12.128	12.112	12.095	12.096	13 RTFRA	RTFER
376	376	375	375	13 RTFCA	RTFCE
-	-	-	-	13 RTFIA	RTFIE
39	39	39	39	13 RTFPA	RTFPE
-1.289	-1.287	-1.285	-1.285	13 INAD	
11.598	11.582	11.566	11.567	13	
				15	
30.578	30.561	30.544	30.540	15	
699	698	698	698	15 RTFSA	RTFSE
24.037	24.023	24.014	24.016	15 RTFRA	RTFER
3.964	3.961	3.956	3.952	15 RTFCA	RTFCE
94	93	93	93	15 RTFIA	RTFIE
1.786	1.785	1.782	1.780	15 RTFPA	RTFPE
-3.058	-3.056	-3.054	-3.054	15 INAD	

27.520	27.505	27.489	27.486	15	
				16	
32.893	32.826	32.759	32.759	16	
447	446	445	445	16 RTFSA	RTFSE
27.302	27.246	27.190	27.190	16 RTFRA	RTFER
3.916	3.908	3.900	3.900	16 RTFCA	RTFCE
77	77	77	77	16 RTFIA	RTFIE
1.151	1.149	1.146	1.146	16 RTFPA	RTFPE
-3.289	-3.283	-3.276	-3.276	16 INAD	
29.604	29.543	29.483	29.483	16	
				19	
9.857	9.857	9.869	9.869	19	
137	137	137	137	19 RTFSA	RTFSE
8.736	8.736	8.673	8.673	19 RTFRA	RTFER
811	811	874	874	19 RTFCA	RTFCE
55	55	59	59	19 RTFIA	RTFIE
118	118	127	127	19 RTFPA	RTFPE
-986	-986	-987	-987	19 INAD	
8.872	8.872	8.882	8.882	19	
				21	
5.619	5.615	5.610	5.610	21	
124	124	124	124	21 RTFSA	RTFSE
4.670	4.666	4.662	4.662	21 RTFRA	RTFER
743	742	742	742	21 RTFCA	RTFCE
-	-	-	-	21 RTFIA	RTFIE
83	83	83	83	21 RTFPA	RTFPE
-562	-561	-561	-561	21 INAD	
5.057	5.053	5.049	5.049	21	
				25	
34.000	33.873	33.747	33.747	25	
1.533	1.527	1.522	1.522	25 RTFSA	RTFSE
26.808	26.708	26.609	26.609	25 RTFRA	RTFER
5.152	5.133	5.113	5.113	25 RTFCA	RTFCE
27	27	27	27	25 RTFIA	RTFIE
480	478	476	476	25 RTFPA	RTFPE
-3.400	-3.387	-3.375	-3.375	25 INAD	
30.600	30.486	30.372	30.372	25	
				27	
22.721	22.701	22.681	22.681	27	
525	524	524	524	27 RTFSA	RTFSE
18.580	18.563	18.547	18.547	27 RTFRA	RTFER
3.235	3.232	3.229	3.229	27 RTFCA	RTFCE
234	233	233	233	27 RTFIA	RTFIE
148	148	148	148	27 RTFPA	RTFPE
-2.272	-2.270	-2.268	-2.268	27 INAD	
20.449	20.431	20.413	20.413	27	
				28	
6.552	6.543	6.534	6.534	28	
160	159	159	159	28 RTFSA	RTFSE
3.913	3.908	3.903	3.903	28 RTFRA	RTFER
2.085	2.082	2.079	2.079	28 RTFCA	RTFCE
169	169	168	168	28 RTFIA	RTFIE
225	225	225	225	28 RTFPA	RTFPE

-655	-654	-653	-653	28 INAD
5.897	5.889	5.881	5.881	28
				29
13.093	13.045	12.997	12.997	29
320	319	318	318	29 RTFSA RTFSE
11.571	11.528	11.486	11.486	29 RTFRA RTFER
756	753	750	750	29 RTFCA RTFCE
130	129	129	129	29 RTFIA RTFIE
317	316	314	314	29 RTFPA RTFPE
-1.309	-1.304	-1.300	-1.300	29 INAD
11.784	11.740	11.697	11.697	29
				30
8.220	8.203	8.186	8.186	30
230	229	229	229	30 RTFSA RTFSE
6.162	6.149	6.137	6.137	30 RTFRA RTFER
1.548	1.545	1.542	1.542	30 RTFCA RTFCE
141	141	141	141	30 RTFIA RTFIE
139	138	138	138	30 RTFPA RTFPE
-822	-820	-819	-819	30 INAD
7.398	7.383	7.367	7.367	30
				32
226.373	225.069	223.765	223.764	32
8.441	8.392	8.344	8.343	32 RTFSA RTFSE
114.997	114.335	113.672	113.672	32 RTFRA RTFER
29.410	29.240	29.071	29.071	32 RTFCA RTFCE
71.690	71.277	70.864	70.864	32 RTFIA RTFIE
1.835	1.825	1.814	1.814	32 RTFPA RTFPE
-22.637	-22.507	-22.376	-22.376	32 INAD
203.736	202.562	201.388	201.387	32
				34
47.828	47.667	47.506	47.506	34
1.034	1.031	1.027	1.027	34 RTFSA RTFSE
35.352	35.233	35.114	35.114	34 RTFRA RTFER
2.909	2.900	2.890	2.890	34 RTFCA RTFCE
7.179	7.155	7.131	7.131	34 RTFIA RTFIE
1.354	1.349	1.344	1.344	34 RTFPA RTFPE
-4.783	-4.767	-4.751	-4.751	34 INAD
43.045	42.900	42.756	42.756	34
				35
687.774	686.368	684.765	682.970	35
64.778	64.360	63.926	63.476	35 RTFSA RTFSE
308.428	306.436	304.369	302.229	35 RTFRA RTFER
112.451	112.810	113.131	113.415	35 RTFCA RTFCE
73.468	73.703	73.913	74.098	35 RTFIA RTFIE
128.649	129.059	129.427	129.751	35 RTFPA RTFPE
-68.777	-68.637	-68.477	-68.297	35 INAD
618.996	617.731	616.289	614.673	35
				36
71.262	70.961	70.661	70.661	36
4.825	4.805	4.785	4.785	36 RTFSA RTFSE
47.801	47.599	47.397	47.397	36 RTFRA RTFER
13.000	12.946	12.891	12.891	36 RTFCA RTFCE
4.269	4.251	4.233	4.233	36 RTFIA RTFIE

1.367	1.361	1.355	1.355
-7.126	-7.096	-7.066	-7.066
64.136	63.865	63.595	63.595
6.027	6.027	6.027	6.027
-603	-603	-603	-603
5.424	5.424	5.424	5.424
59.290	59.290	59.290	59.290
-5.929	-5.929	-5.929	-5.929
53.361	53.361	53.361	53.361
1.521.215	1.516.811	1.512.209	1.510.446
93.033	92.496	91.942	91.494
823.233	819.406	815.438	813.330
235.349	235.186	235.040	235.325
163.355	163.107	162.839	163.024
140.929	141.299	141.633	141.956
6.027	6.027	6.027	6.027
59.290	59.290	59.290	59.290
-152.122	-151.681	-151.221	-151.045
1.369.094	1.365.130	1.360.988	1.359.402
76.061	75.841	75.610	75.522

36 RTFPA RTFPE
36 INAD
36
37
37
37 INAD
37
38
38
38 INAD
38

VAS	VES	TSA	3,26
VAR	VER	TRA	7,88
VAC	VEC	TCA	38,55
VAI	VEI	TIA	0,00
VAP	VEP	TPA	17,29

VAS	VES	TSA	7,99
VAR	VER	TRA	7,99
VAC	VEC	TCA	20,75
VAI	VEI	TIA	28,17
VAP	VEP	TPA	3,27

VAS	VES	TSA	3,26
VAR	VER	TRA	6,75
VAC	VEC	TCA	25,92
VAI	VEI	TIA	0,00
VAP	VEP	TPA	2,50

VAS	VES	TSA	6,77
VAR	VER	TRA	6,77
VAC	VEC	TCA	24,55
VAI	VEI	TIA	28,32
VAP	VEP	TPA	2,44

VAS	VES	TSA	3,26
VAR	VER	TRA	6,51
VAC	VEC	TCA	23,95
VAI	VEI	TIA	39,51
VAP	VEP	TPA	2,11

VAS	VES	TSA	3,26
VAR	VER	TRA	6,25
VAC	VEC	TCA	18,30
VAI	VEI	TIA	0,00
VAP	VEP	TPA	1,11

VAS	VES	TSA	3,26
VAR	VER	TRA	6,68
VAC	VEC	TCA	23,92
VAI	VEI	TIA	28,11
VAP	VEP	TPA	5,88

VAS	VES	TSA	1,85
VAR	VER	TRA	6,69
VAC	VEC	TCA	18,48
VAI	VEI	TIA	72,38
VAP	VEP	TPA	3,78

VAS	VES	TSA	1,82
VAR	VER	TRA	6,65
VAC	VEC	TCA	20,84
VAI	VEI	TIA	36,28
VAP	VEP	TPA	1,50

VAS	VES	TSA	3,26
VAR	VER	TRA	7,22
VAC	VEC	TCA	32,54
VAI	VEI	TIA	0,00
VAP	VEP	TPA	1,59

VAS	VES	TSA	7,33
VAR	VER	TRA	7,33
VAC	VEC	TCA	24,24
VAI	VEI	TIA	0,68
VAP	VEP	TPA	7,50

VAS	VES	TSA	3,26
VAR	VER	TRA	6,62
VAC	VEC	TCA	21,75
VAI	VEI	TIA	27,17
VAP	VEP	TPA	1,54

VAS	VES	TSA	3,26
VAR	VER	TRA	6,17
VAC	VEC	TCA	18,77
VAI	VEI	TIA	28,31
VAP	VEP	TPA	1,26

VAS	VES	TSA	3,26
VAR	VER	TRA	6,61
VAC	VEC	TCA	22,38
VAI	VEI	TIA	23,87
VAP	VEP	TPA	4,18

VAS	VES	TSA	3,26
VAR	VER	TRA	5,74
VAC	VEC	TCA	23,23
VAI	VEI	TIA	35,82
VAP	VEP	TPA	0,71

VAS	VES	TSA	8,26
VAR	VER	TRA	8,26
VAC	VEC	TCA	23,17
VAI	VEI	TIA	22,47
VAP	VEP	TPA	1,77

VAS	VES	TSA	3,26
VAR	VER	TRA	6,68
VAC	VEC	TCA	20,16
VAI	VEI	TIA	22,30
VAP	VEP	TPA	4,97

VAS	VES	TSA	3,26
VAR	VER	TRA	5,02
VAC	VEC	TCA	16,03
VAI	VEI	TIA	23,40
VAP	VEP	TPA	11,41

VAS	VES	TSA	0,00
VAR	VER	TRA	0,00
VAC	VEC	TCA	0,00
VAI	VEI	TIA	0,00

VAP

VEP

TPA

0,00

Projeto de Concessão Regionalizada dos Serviços de Abastecimento de Água e E

OPEX

Ano do Contrato de Concessão		TOTAL
Tabela 18 - Projeções de OPEX por Município (R\$ Mil)		
1	Carapebus	
	Produção de Água	24.241
	Materiais de Tratamento	4.206
	Energia	18.125
	Pessoal	957
	Manutenção	324
	Outros Custos Operacionais	629
	Distribuição de Água	36.308
	Materiais de Tratamento	-
	Energia	-
	Pessoal	18.159
	Manutenção	6.257
	Outros Custos Operacionais	11.892
	Coleta de Esgoto	36.161
	Materiais de Tratamento	-
	Energia	3.615
	Pessoal	16.277
	Manutenção	5.615
	Outros Custos Operacionais	10.654
	Tratamento de Esgoto	30.751
	Materiais de Tratamento	8.329
	Energia	20.710
	Pessoal	858
	Manutenção	291
	Outros Custos Operacionais	563
2	Rio das Ostras	
	Produção de Água	577.652
	Materiais de Tratamento	54.786
	Energia	507.142
	Pessoal	7.855
	Manutenção	2.717
	Outros Custos Operacionais	5.152
	Distribuição de Água	298.608
	Materiais de Tratamento	-
	Energia	-
	Pessoal	149.334
	Manutenção	51.484
	Outros Custos Operacionais	97.790
	Esgoto - Rio das Ostras	452.340
3	Trajano de Moraes	
	Produção de Água	20.819
	Materiais de Tratamento	1.022
	Energia	18.949

	Pessoal	421
	Manutenção	150
	Outros Custos Operacionais	277
	Distribuição de Água	15.902
	Materiais de Tratamento	-
	Energia	-
	Pessoal	7.953
	Manutenção	2.741
	Outros Custos Operacionais	5.208
	Coleta de Esgoto	11.105
	Materiais de Tratamento	-
	Energia	1.965
	Pessoal	4.573
	Manutenção	1.575
	Outros Custos Operacionais	2.992
	Tratamento de Esgoto	1.836
	Materiais de Tratamento	1.356
	Energia	-
	Pessoal	237
	Manutenção	85
	Outros Custos Operacionais	158
4	Pinheiral	
	Produção de Água	50.961
	Materiais de Tratamento	8.111
	Energia	39.239
	Pessoal	1.803
	Manutenção	625
	Outros Custos Operacionais	1.183
	Distribuição de Água	68.507
	Materiais de Tratamento	-
	Energia	-
	Pessoal	34.258
	Manutenção	11.810
	Outros Custos Operacionais	22.439
	Coleta de Esgoto	70.179
	Materiais de Tratamento	-
	Energia	10.634
	Pessoal	29.780
	Manutenção	10.263
	Outros Custos Operacionais	19.502
	Tratamento de Esgoto	19.187
	Materiais de Tratamento	7.203
	Energia	8.852
	Pessoal	1.569
	Manutenção	536
	Outros Custos Operacionais	1.027
5	Pirai	
	Produção de Água	267.877
	Materiais de Tratamento	8.221
	Energia	255.998
	Pessoal	1.830

Manutenção	628
Outros Custos Operacionais	1.200
Distribuição de Água	69.516
Materiais de Tratamento	-
Energia	-
Pessoal	34.766
Manutenção	11.982
Outros Custos Operacionais	22.768
Coleta de Esgoto	62.444
Materiais de Tratamento	-
Energia	3.066
Pessoal	29.697
Manutenção	10.234
Outros Custos Operacionais	19.447
Tratamento de Esgoto	32.159
Materiais de Tratamento	7.387
Energia	21.646
Pessoal	1.564
Manutenção	537
Outros Custos Operacionais	1.025

6 Rio Claro

Produção de Água	44.313
Materiais de Tratamento	4.879
Energia	37.207
Pessoal	1.113
Manutenção	388
Outros Custos Operacionais	726
Distribuição de Água	42.452
Materiais de Tratamento	-
Energia	-
Pessoal	21.228
Manutenção	7.321
Outros Custos Operacionais	13.903
Coleta de Esgoto	39.860
Materiais de Tratamento	-
Energia	4.640
Pessoal	17.615
Manutenção	6.069
Outros Custos Operacionais	11.536
Tratamento de Esgoto	18.047
Materiais de Tratamento	4.395
Energia	11.790
Pessoal	930
Manutenção	323
Outros Custos Operacionais	609

7 Vassouras

Produção de Água	123.163
Materiais de Tratamento	9.438
Energia	110.243
Pessoal	1.741
Manutenção	601

Outros Custos Operacionais	1.140
Distribuição de Água	66.152
Materiais de Tratamento	-
Energia	-
Pessoal	33.083
Manutenção	11.404
Outros Custos Operacionais	21.665
Coleta de Esgoto	69.608
Materiais de Tratamento	-
Energia	11.133
Pessoal	29.243
Manutenção	10.082
Outros Custos Operacionais	19.150
Tratamento de Esgoto	27.234
Materiais de Tratamento	8.755
Energia	15.399
Pessoal	1.539
Manutenção	531
Outros Custos Operacionais	1.010

8 Bom Jesus do Itabapoana

Produção de Água	146.955
Materiais de Tratamento	11.348
Energia	131.262
Pessoal	2.172
Manutenção	753
Outros Custos Operacionais	1.420
Distribuição de Água	82.617
Materiais de Tratamento	-
Energia	-
Pessoal	41.320
Manutenção	14.240
Outros Custos Operacionais	27.057
Coleta de Esgoto	68.637
Materiais de Tratamento	-
Energia	6.997
Pessoal	30.823
Manutenção	10.626
Outros Custos Operacionais	20.191
Tratamento de Esgoto	54.613
Materiais de Tratamento	9.941
Energia	41.441
Pessoal	1.616
Manutenção	551
Outros Custos Operacionais	1.064

9 Natividade

Produção de Água	54.829
Materiais de Tratamento	3.326
Energia	49.970
Pessoal	763
Manutenção	267
Outros Custos Operacionais	503

Distribuição de Água	28.921
Materiais de Tratamento	-
Energia	-
Pessoal	14.461
Manutenção	4.986
Outros Custos Operacionais	9.474
Coleta de Esgoto	34.678
Materiais de Tratamento	-
Energia	10.958
Pessoal	11.862
Manutenção	4.088
Outros Custos Operacionais	7.770
Tratamento de Esgoto	11.665
Materiais de Tratamento	2.929
Energia	7.489
Pessoal	625
Manutenção	219
Outros Custos Operacionais	403

10 Sao Jose de Uba

Produção de Água	31.629
Materiais de Tratamento	1.670
Energia	29.258
Pessoal	349
Manutenção	125
Outros Custos Operacionais	227
Distribuição de Água	13.183
Materiais de Tratamento	-
Energia	-
Pessoal	6.596
Manutenção	2.271
Outros Custos Operacionais	4.316
Coleta de Esgoto	11.886
Materiais de Tratamento	-
Energia	1.835
Pessoal	5.027
Manutenção	1.731
Outros Custos Operacionais	3.293
Tratamento de Esgoto	5.703
Materiais de Tratamento	1.487
Energia	3.700
Pessoal	258
Manutenção	87
Outros Custos Operacionais	171

11 Sao Fidelis

Produção de Água	124.062
Materiais de Tratamento	10.185
Energia	110.385
Pessoal	1.739
Manutenção	606
Outros Custos Operacionais	1.147

Distribuição de Água	66.232
Materiais de Tratamento	-
Energia	-
Pessoal	33.121
Manutenção	11.418
Outros Custos Operacionais	21.693
Coleta de Esgoto	74.547
Materiais de Tratamento	-
Energia	7.069
Pessoal	33.744
Manutenção	11.634
Outros Custos Operacionais	22.100
Tratamento de Esgoto	12.011
Materiais de Tratamento	8.450
Energia	-
Pessoal	1.781
Manutenção	617
Outros Custos Operacionais	1.163

12 Bom Jardim

Produção de Água	70.761
Materiais de Tratamento	6.530
Energia	61.613
Pessoal	1.308
Manutenção	450
Outros Custos Operacionais	860
Distribuição de Água	49.784
Materiais de Tratamento	-
Energia	-
Pessoal	24.896
Manutenção	8.585
Outros Custos Operacionais	16.303
Coleta de Esgoto	53.217
Materiais de Tratamento	-
Energia	13.776
Pessoal	19.724
Manutenção	6.797
Outros Custos Operacionais	12.920
Tratamento de Esgoto	21.736
Materiais de Tratamento	6.044
Energia	13.622
Pessoal	1.036
Manutenção	352
Outros Custos Operacionais	682

13 Macuco

Produção de Água	17.020
Materiais de Tratamento	2.297
Energia	14.015
Pessoal	351
Manutenção	126
Outros Custos Operacionais	231
Distribuição de Água	13.210

Materiais de Tratamento	-
Energia	-
Pessoal	6.606
Manutenção	2.274
Outros Custos Operacionais	4.330
Coleta de Esgoto	12.436
Materiais de Tratamento	-
Energia	4.451
Pessoal	3.992
Manutenção	1.380
Outros Custos Operacionais	2.613
Tratamento de Esgoto	5.833
Materiais de Tratamento	1.692
Energia	3.732
Pessoal	214
Manutenção	66
Outros Custos Operacionais	129

14 Sapucaia

Produção de Água	47.150
Materiais de Tratamento	4.720
Energia	40.438
Pessoal	1.004
Manutenção	341
Outros Custos Operacionais	647
Distribuição de Água	38.010
Materiais de Tratamento	-
Energia	-
Pessoal	19.010
Manutenção	6.555
Outros Custos Operacionais	12.445
Coleta de Esgoto	39.108
Materiais de Tratamento	-
Energia	6.200
Pessoal	16.455
Manutenção	5.675
Outros Custos Operacionais	10.778
Tratamento de Esgoto	24.239
Materiais de Tratamento	5.153
Energia	17.351
Pessoal	869
Manutenção	293
Outros Custos Operacionais	573

15 Sumidouro

Produção de Água	16.844
Materiais de Tratamento	3.053
Energia	12.645
Pessoal	575
Manutenção	192
Outros Custos Operacionais	379
Distribuição de Água	21.973
Materiais de Tratamento	-

Energia	-
Pessoal	10.989
Manutenção	3.786
Outros Custos Operacionais	7.198
Coleta de Esgoto	25.715
Materiais de Tratamento	-
Energia	6.975
Pessoal	9.372
Manutenção	3.230
Outros Custos Operacionais	6.138
Tratamento de Esgoto	3.353
Materiais de Tratamento	2.357
Energia	-
Pessoal	497
Manutenção	175
Outros Custos Operacionais	324

16 Itaguaí

Produção de Água	180.761
Materiais de Tratamento	3.080
Energia	164.338
Pessoal	6.670
Manutenção	2.300
Outros Custos Operacionais	4.373
Distribuição de Água	253.286
Materiais de Tratamento	-
Energia	-
Pessoal	126.664
Manutenção	43.666
Outros Custos Operacionais	82.956
Coleta de Esgoto	218.596
Materiais de Tratamento	-
Energia	10.701
Pessoal	103.974
Manutenção	35.838
Outros Custos Operacionais	68.083
Tratamento de Esgoto	127.623
Materiais de Tratamento	39.783
Energia	76.900
Pessoal	5.471
Manutenção	1.892
Outros Custos Operacionais	3.577

17 Paracambi

Produção de Água	48.093
Materiais de Tratamento	1.015
Energia	41.519
Pessoal	2.779
Manutenção	960
Outros Custos Operacionais	1.820
Distribuição de Água	105.467
Materiais de Tratamento	-
Energia	-

	Pessoal	52.746
	Manutenção	18.178
	Outros Custos Operacionais	34.543
	Coleta de Esgoto	103.249
	Materiais de Tratamento	-
	Energia	12.853
	Pessoal	45.208
	Manutenção	15.581
	Outros Custos Operacionais	29.607
	Tratamento de Esgoto	75.611
	Materiais de Tratamento	26.873
	Energia	43.979
	Pessoal	2.373
	Manutenção	824
	Outros Custos Operacionais	1.562
18	Rio de Janeiro - AP5	
	Produção de Água	1.102.380
	Materiais de Tratamento	6.720
	Energia	380.425
	Pessoal	200.802
	Manutenção	85.638
	Outros Custos Operacionais	428.795
	Distribuição de Água	6.093.319
	Materiais de Tratamento	-
	Energia	-
	Pessoal	3.815.313
	Manutenção	1.627.187
	Outros Custos Operacionais	650.819
	Esgoto - Rio de Janeiro - AP5	-
19	Seropedica	
	Produção de Água	17.990
	Materiais de Tratamento	-
	Energia	9.115
	Pessoal	4.437
	Manutenção	1.528
	Outros Custos Operacionais	2.910
	Distribuição de Água	168.518
	Materiais de Tratamento	-
	Energia	-
	Pessoal	84.269
	Manutenção	29.053
	Outros Custos Operacionais	55.196
	Coleta de Esgoto	185.007
	Materiais de Tratamento	-
	Energia	27.770
	Pessoal	78.641
	Manutenção	27.102
	Outros Custos Operacionais	51.494
	Tratamento de Esgoto	91.406
	Materiais de Tratamento	26.778

	Energia	56.355
	Pessoal	4.137
	Manutenção	1.429
	Outros Custos Operacionais	2.707
20 Carmo		
	Água - Carmo	94.058
	Esgoto - Carmo	79.027
21 Itatiaia		
	Água - Itatiaia	273.212
	Esgoto - Itatiaia	179.956
TOTAL		
	Produção de Água	2.967.500
	Materiais de Tratamento	144.607
	Energia	2.031.886
	Pessoal	238.669
	Manutenção	98.719
	Outros Custos Operacionais	453.619
	Distribuição de Água	7.531.965
	Materiais de Tratamento	-
	Energia	-
	Pessoal	4.534.772
	Manutenção	1.875.198
	Outros Custos Operacionais	1.121.995
	Coleta de Esgoto	1.116.433
	Materiais de Tratamento	-
	Energia	144.638
	Pessoal	486.007
	Manutenção	167.520
	Outros Custos Operacionais	318.268
	Tratamento de Esgoto	563.007
	Materiais de Tratamento	168.912
	Energia	342.966
	Pessoal	25.574
	Manutenção	8.808
	Outros Custos Operacionais	16.747
	Água	367.270
	Água - Carmo	94.058
	Água - Itatiaia	273.212
	Esgoto	711.323
	Esgoto - Rio das Ostras	452.340
	Esgoto - Rio de Janeiro - AP5	-
	Esgoto - Carmo	79.027
	Esgoto - Itatiaia	179.956

sgotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 3

1	2	3	4	5
116	194	251	306	361
22	40	51	62	72
84	141	182	222	261
5	7	9	11	14
2	2	3	4	5
3	4	6	7	9
178	256	338	426	516
-	-	-	-	-
-	-	-	-	-
89	128	169	213	258
31	44	58	73	89
58	84	111	140	169
132	216	304	398	491
-	-	-	-	-
16	26	36	46	55
58	95	134	176	218
20	33	46	61	75
38	62	88	115	143
79	294	295	365	436
73	204	124	146	169
-	80	157	201	244
3	5	7	9	11
1	2	2	3	4
2	3	5	6	8
14.045	14.792	15.152	15.486	15.709
1.061	1.457	1.484	1.501	1.511
12.682	13.015	13.331	13.630	13.826
151	160	169	178	186
52	55	58	61	64
99	105	110	116	122
5.735	6.067	6.407	6.757	7.059
-	-	-	-	-
-	-	-	-	-
2.868	3.034	3.204	3.379	3.530
989	1.046	1.105	1.165	1.217
1.878	1.987	2.098	2.213	2.312
-	-	6.180	7.180	8.150
145	165	497	517	534
10	14	20	22	23
125	139	465	481	495

5	6	6	7	8
2	2	2	2	3
3	4	4	5	5
192	218	245	274	302
-	-	-	-	-
-	-	-	-	-
96	109	123	137	151
33	38	42	47	52
63	71	80	90	99
-	30	64	97	132
-	-	-	-	-
-	6	13	20	26
-	12	25	39	53
-	4	9	13	18
-	8	17	25	35
-	25	27	31	35
-	24	25	27	29
-	-	-	-	-
-	1	1	2	3
-	-	-	1	1
-	-	1	1	2
1.231	1.304	1.320	1.331	1.340
161	217	219	216	216
1.000	1.014	1.025	1.035	1.042
35	36	38	40	41
12	13	13	14	14
23	24	25	26	27
1.322	1.380	1.440	1.502	1.560
-	-	-	-	-
-	-	-	-	-
661	690	720	751	780
228	238	248	259	269
433	452	472	492	511
1.217	1.291	1.367	1.444	1.520
-	-	-	-	-
218	227	235	244	252
500	532	566	600	634
172	183	195	207	219
327	349	371	393	415
52	56	60	474	488
-	-	-	193	197
-	-	-	217	224
26	28	30	32	33
9	10	10	11	12
17	18	20	21	22
7.938	7.945	7.874	7.781	7.674
193	252	248	241	238
7.669	7.614	7.544	7.457	7.350
38	39	41	42	43

13	14	14	14	15
25	26	27	27	28
1.457	1.498	1.540	1.582	1.623
-	-	-	-	-
-	-	-	-	-
729	749	770	791	812
251	258	266	273	280
477	491	504	518	531
386	653	963	1.227	1.533
-	-	-	-	-
28	43	87	72	86
179	305	438	578	724
62	105	151	199	249
117	200	287	378	474
150	331	836	755	898
61	151	171	188	205
71	147	619	507	617
9	16	23	30	38
3	6	8	10	13
6	11	15	20	25
941	1.055	1.315	1.222	1.300
84	120	149	136	145
818	891	1.118	1.032	1.097
19	22	24	27	29
7	8	8	9	10
13	14	16	18	19
737	828	922	1.019	1.114
-	-	-	-	-
-	-	-	-	-
369	414	461	509	557
127	143	159	176	192
241	271	302	334	365
645	746	886	959	1.065
-	-	-	-	-
73	89	140	122	137
286	329	373	419	464
99	113	129	144	160
187	215	244	274	304
99	302	509	457	532
69	90	101	112	124
-	178	368	301	360
15	17	20	22	24
5	6	7	8	8
10	11	13	14	16
3.457	3.507	3.484	3.459	3.431
214	280	276	271	267
3.165	3.147	3.126	3.104	3.078
39	40	41	42	43
13	14	14	14	15

26	26	27	28	28
1.487	1.524	1.560	1.597	1.630
-	-	-	-	-
-	-	-	-	-
744	762	780	799	815
256	263	269	275	281
487	499	511	523	534
1.396	1.487	1.604	1.675	1.767
-	-	-	-	-
267	279	315	301	311
564	604	645	687	728
195	208	222	237	251
370	396	422	450	477
59	602	724	732	757
-	224	230	238	244
-	314	426	422	437
30	32	34	36	38
10	11	12	12	13
19	21	22	24	25
2.951	3.047	4.483	4.452	4.401
266	355	352	345	339
2.593	2.596	4.031	4.003	3.956
46	48	50	52	53
16	17	17	18	18
30	31	33	34	35
1.759	1.823	1.890	1.957	2.015
-	-	-	-	-
-	-	-	-	-
880	912	945	979	1.008
303	314	326	337	347
576	597	619	641	660
-	195	404	626	843
-	-	-	-	-
-	19	44	74	97
-	88	180	276	373
-	30	62	95	129
-	58	118	181	244
-	325	491	676	841
-	169	183	203	218
-	146	290	443	583
-	5	9	15	20
-	2	3	5	7
-	3	6	10	13
1.658	1.709	1.776	1.742	1.705
89	120	117	112	108
1.532	1.551	1.620	1.590	1.557
19	19	19	20	20
6	7	7	7	7
12	12	13	13	13

704	720	735	750	762
-	-	-	-	-
-	-	-	-	-
352	360	367	375	381
121	124	127	129	131
231	236	241	246	250
507	660	723	822	863
-	-	-	-	-
37	168	207	282	299
235	246	258	270	282
81	85	89	93	97
154	161	169	177	185
24	290	298	304	311
-	76	77	78	80
-	189	193	198	201
12	13	14	14	15
4	4	5	5	5
8	8	9	9	10
656	680	802	815	823
32	43	43	43	43
610	622	743	756	764
7	7	8	8	8
2	3	3	3	3
5	5	5	5	5
268	278	290	302	312
-	-	-	-	-
-	-	-	-	-
134	139	145	151	156
46	48	50	52	54
88	91	95	99	102
-	31	63	99	134
-	-	-	-	-
-	6	11	17	23
-	13	26	41	56
-	4	9	14	19
-	8	17	27	36
-	37	52	67	83
-	25	27	29	31
-	11	23	34	46
-	1	1	2	3
-	-	-	1	1
-	-	1	1	2
3.856	3.947	3.943	3.888	3.818
258	340	334	326	318
3.509	3.509	3.509	3.458	3.394
45	49	50	52	53
15	17	17	18	18
29	32	33	34	35

1.704	1.857	1.910	1.963	2.009
-	-	-	-	-
-	-	-	-	-
852	929	955	982	1.005
294	320	329	338	346
558	608	626	643	658
858	1.069	1.204	1.342	1.477
-	-	-	-	-
-	95	112	129	145
429	487	546	607	666
148	168	188	209	230
281	319	358	397	436
46	242	255	269	282
-	190	197	205	212
-	-	-	-	-
23	26	29	32	35
8	9	10	11	12
15	17	19	21	23
1.130	1.202	1.229	1.254	1.895
86	122	123	124	183
993	1.027	1.050	1.072	1.652
25	27	28	29	30
9	9	10	10	10
17	17	18	19	20
968	1.014	1.060	1.108	1.150
-	-	-	-	-
-	-	-	-	-
484	507	530	554	575
167	175	183	191	198
317	332	347	363	377
146	283	424	570	718
-	-	-	-	-
-	45	89	134	178
73	119	167	218	270
25	41	58	75	93
48	78	110	143	177
8	154	213	270	329
-	98	107	115	126
-	44	88	132	175
4	6	9	11	14
1	2	3	4	5
3	4	6	8	9
512	529	528	518	509
58	75	74	71	69
438	438	438	430	422
8	8	8	8	9
3	3	3	3	3
5	5	5	6	6
292	302	311	320	328

-	-	-	-	-
-	-	-	-	-
146	151	155	160	164
50	52	54	55	57
96	99	102	105	107
218	233	249	265	279
-	-	-	-	-
96	101	105	109	112
61	66	72	78	83
21	23	25	27	29
40	43	47	51	55
41	79	141	146	151
31	60	42	43	44
4	13	92	95	98
3	3	4	4	4
1	1	1	1	2
2	2	2	3	3
1.404	1.444	1.443	1.431	1.414
114	151	149	146	143
1.242	1.243	1.243	1.233	1.219
24	25	25	26	26
8	9	9	9	9
16	16	17	17	17
919	940	960	981	996
-	-	-	-	-
-	-	-	-	-
460	470	480	491	498
158	162	166	169	172
301	308	314	321	326
480	742	792	844	891
-	-	-	-	-
99	110	120	130	139
190	316	336	357	376
66	109	116	123	130
125	207	220	234	246
478	555	575	595	615
84	130	132	135	138
374	391	407	423	437
10	17	18	19	20
3	6	6	6	7
7	11	12	12	13
243	309	334	358	379
38	58	63	66	69
189	233	252	270	286
8	9	10	11	12
3	3	3	4	4
5	6	6	7	8
297	332	368	406	440
-	-	-	-	-

-	-	-	-	-
149	166	184	203	220
51	57	63	70	76
97	109	121	133	144
85	155	228	302	376
-	-	-	-	-
27	49	70	92	112
29	53	79	105	132
10	18	27	36	46
19	35	52	69	86
4	6	8	12	14
-	-	-	-	-
-	-	-	-	-
2	3	4	6	7
1	1	1	2	2
1	2	3	4	5
4.042	4.441	5.710	5.150	5.434
88	88	88	88	88
3.738	4.103	5.338	4.742	4.992
108	125	142	160	177
37	43	49	55	61
71	82	93	105	116
4.103	4.734	5.390	6.070	6.739
-	-	-	-	-
-	-	-	-	-
2.052	2.368	2.696	3.036	3.370
707	816	929	1.046	1.162
1.344	1.550	1.765	1.988	2.207
1.596	2.560	3.607	4.651	5.777
-	-	-	-	-
6	9	53	52	120
795	1.276	1.777	2.300	2.829
274	440	613	793	975
521	835	1.164	1.506	1.853
5.138	2.378	3.972	3.775	4.039
5.055	812	879	948	1.017
-	1.432	2.906	2.585	2.724
42	67	94	121	149
14	23	32	42	51
27	44	61	79	98
1.309	1.378	1.442	1.499	1.549
29	29	29	29	29
1.174	1.232	1.285	1.332	1.370
53	59	64	69	75
18	20	22	24	26
35	38	42	45	49
2.030	2.223	2.425	2.632	2.831
-	-	-	-	-
-	-	-	-	-

1.015	1.112	1.213	1.316	1.416
350	383	418	454	488
665	728	794	862	927
2.265	2.408	2.539	2.701	2.837
-	-	-	-	-
391	401	396	417	422
937	1.004	1.072	1.142	1.208
323	346	369	394	416
614	657	702	748	791
1.028	1.645	1.690	2.152	2.203
492	902	949	740	768
438	637	629	1.292	1.307
49	53	56	60	64
17	18	19	21	22
32	35	37	39	42
28.408	28.826	29.179	29.448	29.694
192	192	192	192	192
10.644	10.746	10.843	10.855	10.788
4.837	4.936	5.016	5.097	5.195
2.063	2.105	2.139	2.174	2.216
10.672	10.847	10.989	11.130	11.303
146.784	149.773	152.222	154.653	157.645
-	-	-	-	-
-	-	-	-	-
91.908	93.780	95.313	96.836	98.709
39.198	39.996	40.650	41.299	42.098
15.678	15.997	16.259	16.518	16.838
-	-	-	-	-
161	192	236	262	289
-	-	-	-	-
37	42	60	58	57
62	75	88	102	116
21	26	30	35	40
41	49	58	67	76
2.355	2.842	3.352	3.883	4.413
-	-	-	-	-
-	-	-	-	-
1.178	1.421	1.676	1.942	2.207
406	490	578	669	761
771	931	1.098	1.272	1.445
1.020	1.791	2.768	4.362	5.170
-	-	-	-	-
-	26	221	997	970
510	883	1.274	1.683	2.100
176	304	439	580	724
334	578	834	1.102	1.376
54	913	2.188	2.893	2.930
-	480	615	738	785

-	341	1.439	1.977	1.924
27	46	67	89	111
9	16	23	31	38
18	30	44	58	72
2.354	2.393	2.424	2.456	2.489
208	1.158	2.108	2.128	2.164
5.049	5.258	5.474	5.695	5.922
1.922	2.199	2.486	2.782	3.088
74.203	76.666	80.998	80.919	82.259
2.995	3.953	4.011	3.991	4.053
52.242	53.303	57.203	56.760	57.606
5.534	5.697	5.836	5.981	6.138
2.302	2.370	2.421	2.478	2.541
11.130	11.343	11.527	11.709	11.921
173.291	178.609	183.365	188.182	193.444
-	-	-	-	-
-	-	-	-	-
105.166	108.201	110.886	113.604	116.612
43.766	44.967	46.020	47.077	48.270
24.359	25.441	26.459	27.501	28.562
10.951	14.550	18.189	22.384	25.873
-	-	-	-	-
1.258	1.699	2.254	3.238	3.484
4.846	6.428	7.968	9.576	11.196
1.672	2.214	2.747	3.300	3.860
3.175	4.209	5.220	6.270	7.333
7.260	8.234	12.334	13.973	14.944
5.865	3.635	3.859	4.138	4.387
887	3.923	7.637	8.827	9.377
255	339	420	504	589
86	117	142	174	203
167	220	276	330	388
7.403	7.651	7.898	8.151	8.411
2.354	2.393	2.424	2.456	2.489
5.049	5.258	5.474	5.695	5.922
2.130	3.358	10.774	12.090	13.402
-	-	6.180	7.180	8.150
-	-	-	-	-
208	1.158	2.108	2.128	2.164
1.922	2.199	2.486	2.782	3.088

6	7	8	9	10
---	---	---	---	----

414	466	516	563	651
82	93	102	111	128
299	336	372	404	470
16	19	21	24	27
6	6	7	8	9
11	12	14	16	17
610	706	807	912	1.014
-	-	-	-	-
-	-	-	-	-
305	353	404	456	507
105	122	139	157	175
200	231	264	299	332
591	693	799	907	1.022
-	-	-	-	-
65	75	85	94	112
263	309	357	407	455
91	107	123	140	157
172	202	234	266	298
507	579	738	816	944
192	216	202	219	235
287	330	499	555	661
14	16	19	21	24
5	6	6	7	8
9	11	12	14	16
15.908	16.095	16.260	16.399	16.445
1.518	1.535	1.549	1.561	1.564
14.002	14.156	14.290	14.401	14.429
194	202	210	219	226
67	70	73	75	78
127	132	138	143	148
7.365	7.676	7.994	8.317	8.595
-	-	-	-	-
-	-	-	-	-
3.683	3.839	3.998	4.159	4.298
1.270	1.323	1.378	1.434	1.482
2.412	2.514	2.618	2.724	2.815
9.140	10.140	11.160	12.190	13.180
551	566	573	593	626
24	26	26	28	31
509	522	526	543	571

9	9	10	11	12
3	3	4	4	4
6	6	7	7	8
330	360	390	422	450
-	-	-	-	-
-	-	-	-	-
165	180	195	211	225
57	62	67	73	78
108	118	128	138	147
168	204	240	281	320
-	-	-	-	-
33	39	44	51	58
68	83	98	115	131
23	28	34	40	45
44	54	64	75	86
38	41	46	50	54
31	33	36	38	40
-	-	-	-	-
4	4	5	6	7
1	1	2	2	2
2	3	3	4	5
1.350	1.355	1.312	1.362	1.377
217	218	210	218	220
1.047	1.049	1.010	1.049	1.059
43	44	46	48	49
15	15	16	16	17
28	29	30	31	32
1.620	1.680	1.742	1.805	1.860
-	-	-	-	-
-	-	-	-	-
810	840	871	903	930
279	290	300	311	321
531	550	571	591	609
1.597	1.675	1.755	1.837	1.917
-	-	-	-	-
260	267	275	282	293
669	704	740	778	812
230	243	255	268	280
438	461	485	509	532
502	517	531	547	564
201	205	209	214	218
231	238	244	251	260
35	37	39	41	43
12	13	13	14	15
23	24	26	27	28
7.553	7.418	6.955	6.959	6.934
234	229	215	215	214
7.231	7.100	6.648	6.650	6.625
44	45	46	47	48

15	15	16	16	16
29	29	30	31	31
1.664	1.704	1.744	1.786	1.817
-	-	-	-	-
-	-	-	-	-
832	852	872	893	909
287	294	301	308	313
545	558	571	585	595
1.567	1.604	1.639	1.673	1.700
-	-	-	-	-
86	86	85	85	84
741	759	777	794	808
255	262	268	274	279
485	497	509	520	529
899	900	901	899	897
207	208	210	211	212
614	612	609	605	599
39	40	41	42	43
13	14	14	14	15
26	26	27	27	28
1.286	1.272	1.258	1.242	1.223
143	141	139	137	135
1.084	1.071	1.057	1.043	1.025
30	30	31	31	31
10	10	11	11	11
19	20	20	20	21
1.130	1.148	1.165	1.182	1.194
-	-	-	-	-
-	-	-	-	-
565	574	583	591	597
195	198	201	204	206
370	376	381	387	391
1.078	1.090	1.103	1.115	1.122
-	-	-	-	-
136	134	133	131	129
471	478	485	492	497
162	165	167	170	171
309	313	318	322	325
531	526	524	521	515
125	125	126	127	127
356	351	346	342	336
25	25	26	26	26
9	9	9	9	9
16	16	17	17	17
3.402	3.370	3.316	3.303	3.259
264	261	256	255	251
3.050	3.020	2.969	2.956	2.914
44	45	45	46	47
15	15	16	16	16

29	29	30	30	31
1.662	1.695	1.728	1.759	1.786
-	-	-	-	-
-	-	-	-	-
831	848	864	880	893
287	292	298	303	308
544	555	566	576	585
1.794	1.821	1.849	1.874	1.893
-	-	-	-	-
309	307	305	302	298
743	757	772	786	798
256	261	266	271	275
486	496	506	515	522
759	759	760	759	755
246	247	249	251	252
435	432	429	426	420
39	40	41	41	42
13	14	14	14	14
26	26	27	27	27
4.344	4.281	4.212	4.138	4.023
331	326	320	314	305
3.903	3.843	3.776	3.704	3.596
55	56	58	60	61
19	19	20	21	21
36	37	38	39	40
2.076	2.136	2.198	2.261	2.314
-	-	-	-	-
-	-	-	-	-
1.038	1.068	1.099	1.131	1.157
358	368	379	390	399
680	700	720	740	758
1.067	1.296	1.528	1.766	2.000
-	-	-	-	-
120	142	164	184	204
474	577	682	791	898
163	199	235	273	310
310	378	447	518	588
1.001	1.158	1.313	1.462	1.602
232	247	262	277	293
719	851	979	1.102	1.215
25	30	36	42	47
9	10	12	14	16
16	20	24	27	31
1.667	1.632	1.593	1.554	1.510
104	101	97	94	90
1.523	1.489	1.454	1.418	1.377
20	21	21	21	22
7	7	7	7	7
13	14	14	14	14

776	788	801	814	824
-	-	-	-	-
-	-	-	-	-
388	394	401	407	412
134	136	138	140	142
254	258	262	267	270
890	919	947	974	1.001
-	-	-	-	-
304	309	314	318	322
293	305	317	328	340
101	105	109	113	117
192	200	207	215	222
316	323	329	333	339
81	82	84	85	86
205	208	211	214	217
15	16	17	17	18
5	6	6	6	6
10	11	11	11	12
832	840	838	851	854
44	44	44	45	45
771	778	776	788	791
8	9	9	9	9
3	3	3	3	3
6	6	6	6	6
320	330	340	350	358
-	-	-	-	-
-	-	-	-	-
160	165	170	175	179
55	57	59	60	62
105	108	111	115	117
172	210	250	292	333
-	-	-	-	-
29	34	40	46	52
71	88	105	123	141
25	30	36	42	48
47	58	69	81	92
98	115	131	145	162
33	36	38	40	43
58	69	81	93	104
4	5	6	6	7
1	2	2	2	3
2	3	4	4	5
3.742	3.664	3.584	3.500	3.387
309	302	295	288	278
3.325	3.252	3.175	3.096	2.991
54	55	57	58	59
19	19	20	20	20
35	36	37	38	39

2.055	2.102	2.150	2.198	2.238
-	-	-	-	-
-	-	-	-	-
1.028	1.051	1.075	1.099	1.119
354	362	371	379	386
673	689	704	720	733
1.614	1.750	1.889	2.029	2.161
-	-	-	-	-
160	174	188	201	213
727	788	851	914	974
251	272	293	315	336
476	516	557	599	638
295	309	323	339	352
219	227	234	242	249
-	-	-	-	-
38	41	45	48	51
13	14	15	17	18
25	27	29	32	34
1.921	1.942	1.930	1.979	2.014
186	188	186	191	195
1.672	1.689	1.676	1.718	1.747
31	33	34	35	36
11	11	12	12	12
21	21	22	23	24
1.194	1.237	1.282	1.328	1.365
-	-	-	-	-
-	-	-	-	-
597	619	641	664	683
206	213	221	229	235
391	405	420	435	447
870	1.025	1.182	1.344	1.508
-	-	-	-	-
222	265	308	350	396
324	380	437	497	556
112	131	151	171	192
212	249	286	326	364
387	444	503	560	630
134	143	153	163	181
219	261	304	345	391
17	20	23	26	29
6	7	8	9	10
11	13	15	17	19
499	487	472	464	456
68	66	64	63	62
413	403	390	383	375
9	9	9	9	10
3	3	3	3	3
6	6	6	6	6
336	344	352	360	367

-	-	-	-	-
-	-	-	-	-
168	172	176	180	184
58	59	61	62	63
110	113	115	118	120
293	307	321	335	349
-	-	-	-	-
115	117	119	121	123
89	95	101	107	113
31	33	35	37	39
58	62	66	70	74
154	157	160	164	167
44	45	46	47	48
100	102	104	105	107
5	5	5	6	6
2	2	2	2	2
3	3	3	4	4
1.398	1.381	1.299	1.344	1.322
141	139	128	134	131
1.204	1.188	1.117	1.154	1.135
27	27	27	28	28
9	9	9	10	10
17	18	18	18	18
1.011	1.026	1.042	1.057	1.067
-	-	-	-	-
-	-	-	-	-
506	513	521	529	534
174	177	180	182	184
331	336	341	346	349
938	987	1.028	1.080	1.122
-	-	-	-	-
148	157	160	173	180
395	415	434	454	471
136	143	150	156	162
259	272	284	297	309
632	649	652	681	695
140	142	145	147	149
450	463	461	486	496
21	22	23	24	25
7	8	8	8	9
14	14	15	16	16
400	422	421	459	500
73	77	76	83	91
302	317	315	345	375
13	14	15	16	17
4	5	5	5	6
8	9	10	10	11
477	515	552	592	628
-	-	-	-	-

-	-	-	-	-
239	257	276	296	314
82	89	95	102	108
156	169	181	194	206
450	526	592	676	750
-	-	-	-	-
132	151	161	187	203
159	187	216	245	274
55	65	74	84	94
104	123	141	160	179
76	83	90	97	103
60	64	68	72	75
-	-	-	-	-
8	10	11	13	14
3	3	4	4	5
5	6	7	8	9
5.990	5.772	5.539	5.323	5.072
88	88	88	88	88
5.542	5.318	5.079	4.857	4.602
180	183	186	189	191
62	63	64	65	66
118	120	122	124	125
6.850	6.961	7.071	7.181	7.250
-	-	-	-	-
-	-	-	-	-
3.426	3.481	3.536	3.591	3.626
1.181	1.200	1.219	1.238	1.250
2.243	2.280	2.316	2.352	2.374
6.003	6.241	6.317	6.393	6.432
-	-	-	-	-
253	398	382	365	346
2.876	2.922	2.968	3.015	3.044
991	1.007	1.023	1.039	1.049
1.883	1.914	1.944	1.974	1.993
3.947	3.854	3.756	3.658	3.543
1.021	1.025	1.028	1.032	1.034
2.624	2.521	2.416	2.308	2.189
151	154	156	159	160
52	53	54	55	55
99	101	102	104	105
1.503	1.459	1.415	1.368	1.318
29	29	29	29	29
1.324	1.278	1.231	1.183	1.131
75	76	77	78	79
26	26	27	27	27
49	50	51	51	52
2.867	2.904	2.940	2.977	2.999
-	-	-	-	-
-	-	-	-	-

1.434	1.452	1.470	1.489	1.500
494	501	507	513	517
939	951	963	975	982
2.855	2.872	2.889	2.906	2.908
-	-	-	-	-
408	394	379	365	349
1.224	1.239	1.255	1.271	1.280
422	427	433	438	441
801	812	822	832	838
2.366	2.320	2.273	2.225	2.168
743	747	751	755	757
1.495	1.443	1.390	1.336	1.277
64	65	66	67	67
22	22	23	23	23
42	43	43	44	44
29.953	30.229	30.529	30.737	30.941
192	192	192	192	192
10.793	10.819	10.870	10.890	10.911
5.275	5.353	5.431	5.490	5.548
2.250	2.283	2.316	2.342	2.366
11.443	11.582	11.720	11.823	11.924
160.053	162.442	164.811	166.597	168.350
-	-	-	-	-
-	-	-	-	-
100.217	101.713	103.196	104.314	105.412
42.741	43.379	44.012	44.489	44.957
17.095	17.350	17.603	17.794	17.981
-	-	-	-	-
566	560	552	546	537
-	-	-	-	-
329	318	307	296	284
118	121	123	125	126
41	42	42	43	44
78	79	80	82	83
4.497	4.579	4.663	4.745	4.799
-	-	-	-	-
-	-	-	-	-
2.249	2.290	2.332	2.373	2.400
775	789	804	818	827
1.473	1.500	1.527	1.554	1.572
5.222	5.272	5.322	5.371	5.387
-	-	-	-	-
943	914	885	854	819
2.140	2.180	2.219	2.259	2.285
738	751	765	779	787
1.401	1.427	1.453	1.479	1.496
2.883	2.834	2.781	2.729	2.663
788	791	794	797	799

1.869	1.813	1.754	1.694	1.624
113	115	117	119	120
39	40	40	41	41
74	75	76	78	79
2.522	2.555	2.589	2.623	2.658
2.193	2.222	2.251	2.281	2.311
6.156	6.396	6.642	6.895	7.155
3.403	3.729	4.064	4.411	4.768
83.279	83.211	82.574	82.684	82.449
4.047	4.055	4.016	4.046	4.049
58.323	57.946	57.038	56.878	56.408
6.245	6.351	6.456	6.544	6.626
2.585	2.624	2.671	2.704	2.736
12.079	12.235	12.393	12.512	12.630
196.893	200.333	203.772	206.643	209.275
-	-	-	-	-
-	-	-	-	-
118.641	120.661	122.680	124.341	125.879
49.092	49.911	50.730	51.392	52.013
29.160	29.761	30.362	30.910	31.383
27.169	28.492	29.650	30.853	31.925
-	-	-	-	-
3.723	3.963	4.027	4.109	4.181
11.727	12.266	12.814	13.376	13.877
4.042	4.229	4.417	4.610	4.782
7.677	8.034	8.392	8.758	9.085
15.391	15.568	15.811	15.985	16.153
4.497	4.583	4.635	4.717	4.798
9.662	9.694	9.827	9.862	9.896
617	645	676	704	729
212	224	232	241	251
403	422	441	461	479
8.677	8.951	9.231	9.518	9.813
2.522	2.555	2.589	2.623	2.658
6.156	6.396	6.642	6.895	7.155
14.736	16.091	17.476	18.882	20.259
9.140	10.140	11.160	12.190	13.180
-	-	-	-	-
2.193	2.222	2.251	2.281	2.311
3.403	3.729	4.064	4.411	4.768

11	12	13	14	15
----	----	----	----	----

660	783	790	798	803
128	132	133	134	135
474	591	597	602	606
29	30	30	31	31
10	10	10	11	11
19	20	20	20	20
1.116	1.132	1.148	1.163	1.176
-	-	-	-	-
-	-	-	-	-
558	566	574	582	588
192	195	198	200	203
366	371	376	381	385
1.123	1.138	1.154	1.168	1.180
-	-	-	-	-
114	115	116	117	118
505	512	519	526	531
174	176	179	181	183
330	335	340	344	348
976	985	992	1.002	1.008
252	254	255	257	258
671	677	683	689	694
27	27	27	28	28
9	9	9	10	10
17	18	18	18	18
16.945	17.002	17.059	17.119	17.124
1.612	1.617	1.622	1.628	1.628
14.865	14.915	14.965	15.015	15.020
234	235	236	238	238
81	81	81	82	82
153	154	155	156	156
8.875	8.925	8.975	9.026	9.038
-	-	-	-	-
-	-	-	-	-
4.438	4.463	4.489	4.514	4.520
1.530	1.539	1.547	1.556	1.558
2.907	2.923	2.939	2.956	2.960
14.180	15.180	15.240	15.290	15.290
630	632	636	639	642
31	31	32	32	32
574	576	579	581	583

13	13	13	13	13
4	4	4	4	5
8	8	8	9	9
480	486	491	495	498
-	-	-	-	-
-	-	-	-	-
240	243	245	248	249
83	84	85	85	86
157	159	161	162	163
359	363	368	373	375
-	-	-	-	-
65	66	66	67	67
147	149	151	153	154
51	51	52	53	53
96	97	99	100	101
58	58	59	59	59
42	42	43	43	43
-	-	-	-	-
8	8	8	8	8
3	3	3	3	3
5	5	5	5	5
1.393	1.409	1.425	1.438	1.451
222	225	227	229	231
1.071	1.082	1.094	1.105	1.114
50	51	52	52	53
17	18	18	18	18
33	33	34	34	35
1.915	1.942	1.967	1.994	2.013
-	-	-	-	-
-	-	-	-	-
958	971	984	997	1.007
330	335	339	344	347
627	636	644	653	659
1.991	2.019	2.044	2.071	2.089
-	-	-	-	-
299	303	306	309	311
846	858	869	881	889
292	296	300	304	307
554	562	569	577	582
577	583	588	593	597
222	223	224	226	226
266	269	272	275	277
45	45	46	46	47
15	16	16	16	16
29	30	30	30	31
7.019	7.103	7.186	7.273	7.347
216	219	221	224	226
6.705	6.785	6.865	6.946	7.017
49	50	50	51	52

17	17	17	18	18
32	32	33	34	34
1.850	1.881	1.914	1.945	1.974
-	-	-	-	-
-	-	-	-	-
925	941	957	973	987
319	324	330	335	340
606	616	627	637	647
1.729	1.758	1.788	1.817	1.842
-	-	-	-	-
85	86	87	88	88
822	836	851	865	877
283	288	293	298	302
539	548	557	566	575
905	915	924	935	942
213	214	215	216	217
606	613	620	627	633
43	44	45	46	46
15	15	15	16	16
28	29	29	30	30
1.233	1.242	1.251	1.260	1.266
136	137	138	139	139
1.033	1.041	1.049	1.056	1.061
32	32	32	33	33
11	11	11	11	11
21	21	21	21	22
1.206	1.218	1.230	1.242	1.249
-	-	-	-	-
-	-	-	-	-
603	609	615	621	625
208	210	212	214	215
395	399	403	407	409
1.134	1.145	1.154	1.165	1.173
-	-	-	-	-
130	131	132	133	134
502	507	511	516	520
173	175	176	178	179
329	332	335	338	340
518	522	526	529	531
128	128	129	129	129
338	341	343	346	348
26	27	27	27	27
9	9	9	9	9
17	17	18	18	18
3.294	3.331	3.366	3.402	3.429
254	257	260	262	264
2.945	2.977	3.008	3.040	3.065
48	48	49	50	50
16	17	17	17	17

31	32	32	33	33
1.811	1.836	1.862	1.887	1.905
-	-	-	-	-
-	-	-	-	-
906	918	931	944	953
312	317	321	325	328
593	601	610	618	624
1.920	1.945	1.973	1.998	2.016
-	-	-	-	-
302	305	309	312	315
809	820	832	843	851
279	283	287	291	293
530	537	545	552	557
766	772	780	787	793
254	255	256	258	259
426	431	436	441	445
43	43	44	44	45
15	15	15	15	15
28	28	29	29	29
4.106	4.137	4.167	4.196	4.213
311	314	316	318	320
3.671	3.697	3.724	3.750	3.765
62	63	63	64	64
21	22	22	22	22
41	41	42	42	42
2.366	2.388	2.409	2.431	2.443
-	-	-	-	-
-	-	-	-	-
1.183	1.194	1.205	1.216	1.222
408	412	415	419	421
775	782	789	796	800
2.242	2.262	2.284	2.304	2.315
-	-	-	-	-
228	230	232	234	235
1.007	1.016	1.026	1.035	1.040
347	350	354	357	359
660	666	672	678	681
1.773	1.784	1.796	1.807	1.813
308	310	311	312	312
1.359	1.368	1.377	1.386	1.391
53	53	54	54	55
18	18	19	19	19
35	35	35	36	36
1.522	1.524	1.526	1.528	1.528
91	91	91	91	91
1.387	1.389	1.390	1.392	1.392
22	22	22	22	22
8	8	8	8	8
14	14	15	15	15

836	839	842	846	846
-	-	-	-	-
-	-	-	-	-
418	419	421	423	423
144	145	145	146	146
274	275	276	277	277
1.033	1.036	1.041	1.044	1.046
-	-	-	-	-
331	332	333	334	334
351	352	354	355	356
121	121	122	122	123
230	231	232	233	233
347	349	349	350	350
88	88	88	88	88
223	224	224	225	225
18	19	19	19	19
6	6	6	6	6
12	12	12	12	12
868	879	891	905	913
46	46	47	48	48
803	814	825	837	844
10	10	10	10	10
3	3	3	3	4
6	6	6	7	7
366	372	377	382	387
-	-	-	-	-
-	-	-	-	-
183	186	189	191	193
63	64	65	66	67
120	122	123	125	127
376	382	386	392	397
-	-	-	-	-
58	59	59	60	61
159	161	164	166	168
55	56	56	57	58
104	106	107	109	110
178	181	184	186	188
45	46	46	46	47
117	118	120	122	123
8	8	9	9	9
3	3	3	3	3
5	6	6	6	6
3.442	3.430	3.447	3.462	3.469
282	284	285	286	287
3.040	3.054	3.068	3.082	3.088
60	46	47	47	47
21	16	16	16	16
39	30	31	31	31

2.278	1.759	1.774	1.789	1.798
-	-	-	-	-
-	-	-	-	-
1.139	880	887	895	899
393	303	306	308	310
746	576	581	586	589
2.299	2.313	2.327	2.341	2.347
-	-	-	-	-
229	229	229	229	228
1.035	1.042	1.049	1.056	1.060
357	359	362	364	365
678	683	687	692	694
366	367	368	370	371
257	257	258	259	259
-	-	-	-	-
54	55	55	56	56
19	19	19	19	19
36	36	36	36	37
2.036	2.058	2.078	2.099	2.113
195	196	196	197	197
1.767	1.787	1.806	1.826	1.839
37	37	38	38	39
13	13	13	13	13
24	25	25	25	25
1.405	1.423	1.442	1.460	1.472
-	-	-	-	-
-	-	-	-	-
703	712	721	730	736
242	245	249	252	254
460	466	472	478	482
1.669	1.690	1.712	1.734	1.746
-	-	-	-	-
438	443	448	454	457
616	624	632	640	645
212	215	218	221	222
403	408	414	419	422
680	688	695	703	718
183	185	186	187	199
433	438	443	448	451
32	33	33	34	34
11	11	11	12	12
21	21	22	22	22
459	464	466	470	473
62	63	63	64	64
378	381	383	386	388
10	10	10	10	10
3	3	3	3	4
6	7	7	7	7
375	378	382	385	388

-	-	-	-	-
-	-	-	-	-
187	189	191	193	194
65	65	66	66	67
123	124	125	126	127
364	367	371	374	375
-	-	-	-	-
127	128	129	130	131
118	120	121	122	122
41	41	42	42	42
78	78	79	80	80
172	173	174	175	175
49	49	49	49	49
111	112	113	114	114
6	6	6	6	6
2	2	2	2	2
4	4	4	4	4
1.326	1.330	1.332	1.335	1.336
132	133	133	134	134
1.137	1.139	1.141	1.143	1.144
28	29	29	29	29
10	10	10	10	10
19	19	19	19	19
1.078	1.086	1.094	1.103	1.108
-	-	-	-	-
-	-	-	-	-
539	543	547	552	554
186	187	189	190	191
353	356	358	361	363
1.167	1.176	1.184	1.192	1.196
-	-	-	-	-
190	190	191	191	192
489	493	497	500	502
168	170	171	173	173
320	323	325	328	329
716	718	721	724	725
152	152	152	153	153
512	514	517	519	520
26	26	26	26	26
9	9	9	9	9
17	17	17	17	17
504	508	512	514	516
91	92	93	93	93
378	380	383	385	387
18	18	18	18	18
6	6	6	6	6
11	12	12	12	12
666	672	676	681	684
-	-	-	-	-

-	-	-	-	-
333	336	338	341	342
115	116	117	117	118
218	220	221	223	224
829	836	841	849	851
-	-	-	-	-
224	226	227	229	229
303	305	307	310	311
104	105	106	107	107
198	200	201	203	204
110	113	113	113	113
79	80	80	80	80
-	-	-	-	-
16	16	16	16	16
5	6	6	6	6
10	11	11	11	11
5.098	5.124	5.152	5.178	5.187
88	88	88	88	88
4.625	4.648	4.671	4.694	4.701
193	194	196	198	199
66	67	68	68	69
126	127	129	130	130
7.319	7.389	7.457	7.526	7.559
-	-	-	-	-
-	-	-	-	-
3.660	3.695	3.729	3.764	3.780
1.262	1.274	1.286	1.297	1.303
2.397	2.420	2.442	2.465	2.476
6.491	6.551	6.612	6.672	6.699
-	-	-	-	-
347	349	351	353	353
3.073	3.102	3.131	3.160	3.174
1.059	1.069	1.079	1.089	1.094
2.012	2.031	2.051	2.070	2.078
3.560	3.575	3.592	3.607	3.612
1.036	1.038	1.040	1.042	1.042
2.200	2.211	2.222	2.233	2.236
162	163	165	166	167
56	56	57	57	58
106	107	108	109	109
1.324	1.331	1.338	1.344	1.348
29	29	29	29	29
1.136	1.142	1.147	1.153	1.156
80	80	81	81	82
27	28	28	28	28
52	52	53	53	53
3.022	3.044	3.067	3.090	3.103
-	-	-	-	-
-	-	-	-	-

1.511	1.522	1.534	1.545	1.552
521	525	529	533	535
990	997	1.004	1.012	1.016
2.930	2.950	2.971	2.993	3.005
-	-	-	-	-
350	352	354	355	356
1.290	1.299	1.309	1.319	1.325
445	448	451	455	457
845	851	857	864	867
2.178	2.190	2.199	2.208	2.215
760	763	765	768	769
1.283	1.290	1.296	1.302	1.306
68	68	69	69	70
23	24	24	24	24
44	45	45	45	46
31.149	31.348	31.471	31.654	31.759
192	192	192	192	192
10.939	10.962	10.982	10.998	11.010
5.605	5.660	5.692	5.745	5.774
2.390	2.414	2.428	2.450	2.463
12.023	12.120	12.177	12.269	12.320
170.070	171.755	172.734	174.341	175.221
-	-	-	-	-
-	-	-	-	-
106.489	107.544	108.157	109.163	109.714
45.416	45.866	46.127	46.557	46.792
18.165	18.345	18.450	18.621	18.715
-	-	-	-	-
542	547	552	556	559
-	-	-	-	-
286	288	290	292	293
128	129	131	132	133
44	45	45	46	46
84	85	86	86	87
4.854	4.907	4.961	5.016	5.045
-	-	-	-	-
-	-	-	-	-
2.427	2.454	2.481	2.508	2.523
837	846	855	865	870
1.590	1.607	1.625	1.643	1.652
5.444	5.502	5.560	5.616	5.646
-	-	-	-	-
825	831	837	843	845
2.310	2.336	2.362	2.387	2.401
796	805	814	823	828
1.513	1.530	1.547	1.563	1.572
2.681	2.697	2.712	2.729	2.737
801	803	805	807	808

1.636	1.648	1.659	1.671	1.676
122	123	124	126	126
42	42	43	43	44
80	81	81	82	83
2.693	2.728	2.764	2.764	2.764
2.342	2.373	2.404	2.404	2.404
7.422	7.551	7.682	7.815	7.951
5.136	5.225	5.316	5.408	5.502
83.550	84.182	84.645	85.170	85.476
4.118	4.146	4.166	4.188	4.198
57.214	57.648	57.967	58.283	58.473
6.708	6.757	6.799	6.862	6.897
2.768	2.793	2.808	2.834	2.851
12.742	12.838	12.905	13.003	13.057
211.888	213.432	214.802	216.802	217.907
-	-	-	-	-
-	-	-	-	-
127.400	128.385	129.195	130.400	131.061
52.626	53.052	53.381	53.875	54.151
31.862	31.995	32.226	32.527	32.695
33.100	33.433	33.770	34.103	34.298
-	-	-	-	-
4.342	4.375	4.406	4.438	4.454
14.382	14.532	14.685	14.834	14.926
4.957	5.008	5.062	5.115	5.145
9.419	9.518	9.617	9.716	9.773
16.561	16.670	16.772	16.877	16.947
4.869	4.887	4.902	4.920	4.938
10.181	10.254	10.325	10.398	10.439
757	764	773	780	785
260	263	266	269	271
494	502	506	510	514
10.115	10.279	10.446	10.579	10.715
2.693	2.728	2.764	2.764	2.764
7.422	7.551	7.682	7.815	7.951
21.658	22.778	22.960	23.102	23.196
14.180	15.180	15.240	15.290	15.290
-	-	-	-	-
2.342	2.373	2.404	2.404	2.404
5.136	5.225	5.316	5.408	5.502

16	17	18	19	20
----	----	----	----	----

808	816	821	826	827
136	137	138	139	139
610	615	619	623	624
31	32	32	32	32
11	11	11	11	11
20	21	21	21	21
1.188	1.200	1.212	1.224	1.228
-	-	-	-	-
-	-	-	-	-
594	600	606	612	614
205	207	209	211	212
389	393	397	401	402
1.192	1.203	1.214	1.227	1.231
-	-	-	-	-
119	119	120	121	121
537	542	547	553	555
185	187	189	191	191
351	355	358	362	364
1.013	1.022	1.028	1.034	1.036
259	261	262	263	264
698	703	708	713	714
28	29	29	29	29
10	10	10	10	10
18	19	19	19	19
17.130	17.137	17.143	17.150	17.116
1.629	1.630	1.630	1.631	1.627
15.025	15.030	15.035	15.040	15.010
238	239	239	239	239
82	82	82	83	83
156	156	157	157	157
9.053	9.066	9.080	9.094	9.094
-	-	-	-	-
-	-	-	-	-
4.527	4.534	4.541	4.548	4.548
1.561	1.563	1.565	1.568	1.568
2.965	2.969	2.974	2.978	2.978
15.300	15.300	15.310	15.310	15.280
643	644	645	646	646
32	32	32	32	32
584	585	586	587	587

13	13	13	13	13
5	5	5	5	5
9	9	9	9	9
501	504	507	510	510
-	-	-	-	-
-	-	-	-	-
251	252	254	255	255
86	87	87	88	88
164	165	166	167	167
376	380	382	383	385
-	-	-	-	-
67	68	68	68	68
155	156	157	158	158
53	54	54	54	55
101	102	103	103	104
59	59	59	59	59
43	43	43	43	43
-	-	-	-	-
8	8	8	8	8
3	3	3	3	3
5	5	5	5	5
1.463	1.476	1.489	1.500	1.506
233	235	237	239	240
1.123	1.133	1.142	1.151	1.156
54	54	55	55	55
18	19	19	19	19
35	35	36	36	36
2.033	2.052	2.072	2.092	2.104
-	-	-	-	-
-	-	-	-	-
1.017	1.026	1.036	1.046	1.052
350	354	357	361	363
666	672	679	685	689
2.110	2.131	2.151	2.171	2.182
-	-	-	-	-
314	317	319	322	323
898	907	916	925	930
310	313	316	319	320
588	594	600	605	609
600	605	610	614	616
227	228	229	230	231
279	282	284	286	287
47	48	48	49	49
16	16	17	17	17
31	31	32	32	32
7.422	7.497	7.573	7.649	7.694
228	231	233	236	237
7.088	7.160	7.231	7.303	7.346
53	53	54	55	56

18	18	19	19	19
35	35	36	36	36
2.003	2.032	2.061	2.091	2.110
-	-	-	-	-
-	-	-	-	-
1.002	1.016	1.031	1.046	1.055
345	350	355	360	364
656	666	675	685	691
1.869	1.895	1.923	1.949	1.967
-	-	-	-	-
89	90	91	92	93
890	903	916	929	937
307	311	316	320	323
583	591	600	608	614
952	962	971	980	984
218	220	221	222	222
640	647	653	660	664
47	48	48	49	49
16	16	17	17	17
31	31	32	32	32
1.272	1.278	1.284	1.291	1.293
140	141	141	142	142
1.066	1.071	1.076	1.081	1.083
33	33	33	34	34
11	11	12	12	12
22	22	22	22	22
1.258	1.264	1.272	1.280	1.283
-	-	-	-	-
-	-	-	-	-
629	632	636	640	642
217	218	219	221	221
412	414	417	419	420
1.179	1.186	1.193	1.200	1.205
-	-	-	-	-
134	135	136	137	137
523	526	529	532	534
180	181	182	183	184
342	344	346	348	350
534	537	539	541	542
130	130	130	131	131
349	351	353	354	355
28	28	28	28	28
9	10	10	10	10
18	18	18	18	18
3.456	3.485	3.514	3.541	3.558
266	269	271	273	274
3.089	3.114	3.139	3.164	3.180
51	51	52	52	52
17	18	18	18	18

33	33	34	34	34
1.923	1.941	1.958	1.976	1.988
-	-	-	-	-
-	-	-	-	-
962	970	979	988	994
331	335	338	341	343
630	636	641	647	651
2.033	2.051	2.069	2.087	2.097
-	-	-	-	-
317	319	322	324	326
858	866	874	882	886
296	299	301	304	305
562	567	572	577	580
801	807	812	816	822
260	261	262	262	263
450	454	458	462	465
45	46	46	46	47
16	16	16	16	16
30	30	30	30	31
4.231	4.249	4.266	4.284	4.291
321	323	324	325	326
3.781	3.796	3.811	3.827	3.833
65	65	65	66	66
22	22	23	23	23
42	43	43	43	43
2.455	2.468	2.481	2.494	2.498
-	-	-	-	-
-	-	-	-	-
1.228	1.234	1.241	1.247	1.249
423	426	428	430	431
804	808	812	817	818
2.327	2.338	2.350	2.362	2.367
-	-	-	-	-
236	237	238	239	239
1.046	1.051	1.056	1.062	1.064
360	362	364	366	367
685	688	692	695	697
1.819	1.824	1.830	1.837	1.839
313	314	314	315	315
1.396	1.400	1.405	1.410	1.412
55	55	56	56	56
19	19	19	19	19
36	36	36	37	37
1.529	1.531	1.531	1.532	1.532
91	92	92	92	92
1.393	1.394	1.394	1.395	1.395
22	22	22	22	22
8	8	8	8	8
15	15	15	15	15

848	850	852	854	854
-	-	-	-	-
-	-	-	-	-
424	425	426	427	427
146	147	147	147	147
278	278	279	280	280
1.048	1.049	1.051	1.054	1.055
-	-	-	-	-
334	335	335	336	336
357	357	358	359	360
123	123	123	124	124
234	234	235	235	235
350	350	351	352	352
88	88	88	88	88
225	225	226	226	226
19	19	19	19	19
6	6	6	7	7
12	12	12	12	12
920	929	936	945	949
48	49	49	50	50
851	859	866	873	877
10	10	10	11	11
4	4	4	4	4
7	7	7	7	7
390	394	397	400	402
-	-	-	-	-
-	-	-	-	-
195	197	199	200	201
67	68	68	69	69
128	129	130	131	132
399	404	406	411	412
-	-	-	-	-
61	62	62	63	63
169	171	172	174	175
58	59	59	60	60
111	112	113	114	114
189	190	191	192	193
47	47	47	47	47
124	125	126	127	128
9	9	9	9	9
3	3	3	3	3
6	6	6	6	6
3.477	3.484	3.492	3.500	3.501
287	288	288	289	289
3.095	3.101	3.108	3.114	3.115
48	48	48	48	48
16	16	17	17	17
31	31	31	32	32

1.805	1.813	1.820	1.828	1.829
-	-	-	-	-
-	-	-	-	-
903	907	910	914	915
311	312	314	315	315
591	594	596	599	599
2.354	2.362	2.368	2.375	2.377
-	-	-	-	-
228	228	228	228	228
1.063	1.067	1.070	1.074	1.075
367	368	369	370	370
696	699	701	703	704
371	372	372	373	373
259	260	260	260	260
-	-	-	-	-
56	56	56	57	57
19	19	19	19	19
37	37	37	37	37
2.127	2.141	2.155	2.168	2.175
197	197	198	198	198
1.852	1.865	1.877	1.890	1.897
39	39	40	40	40
13	14	14	14	14
26	26	26	26	26
1.484	1.496	1.508	1.519	1.526
-	-	-	-	-
-	-	-	-	-
742	748	754	760	763
256	258	260	262	263
486	490	494	497	500
1.760	1.774	1.787	1.802	1.809
-	-	-	-	-
460	464	467	471	473
650	655	660	666	668
224	226	228	229	230
426	429	432	436	438
711	716	721	725	740
188	189	189	190	203
455	458	462	465	467
34	34	35	35	35
12	12	12	12	12
22	23	23	23	23
475	477	480	482	483
64	64	65	65	65
390	392	394	396	397
10	10	10	10	10
4	4	4	4	4
7	7	7	7	7
390	392	394	396	397

-	-	-	-	-
-	-	-	-	-
195	196	197	198	199
67	68	68	68	68
128	128	129	130	130
378	380	382	384	384
-	-	-	-	-
132	132	133	134	134
123	124	124	125	125
42	43	43	43	43
81	81	82	82	82
176	178	178	180	180
49	49	49	50	50
115	116	116	117	117
6	7	7	7	7
2	2	2	2	2
4	4	4	4	4
1.336	1.338	1.339	1.340	1.339
134	135	135	135	135
1.144	1.145	1.146	1.146	1.145
29	29	29	30	30
10	10	10	10	10
19	19	19	19	19
1.112	1.115	1.120	1.124	1.126
-	-	-	-	-
-	-	-	-	-
556	558	560	562	563
192	192	193	194	194
364	365	367	368	369
1.200	1.205	1.209	1.213	1.214
-	-	-	-	-
192	192	193	193	193
504	506	508	510	511
174	175	175	176	176
330	332	333	334	334
727	728	730	731	731
153	153	153	153	153
521	522	523	524	524
27	27	27	27	27
9	9	9	9	9
17	17	18	18	18
518	519	522	523	524
94	94	95	95	95
388	389	391	392	393
18	18	18	18	18
6	6	6	6	6
12	12	12	12	12
687	690	693	696	697
-	-	-	-	-

-	-	-	-	-
344	345	347	348	349
118	119	119	120	120
225	226	227	228	228
855	858	862	865	867
-	-	-	-	-
230	231	232	233	233
312	314	315	316	317
108	108	109	109	109
205	205	206	207	208
113	115	115	115	115
80	81	81	81	81
-	-	-	-	-
16	17	17	17	17
6	6	6	6	6
11	11	11	11	11
5.195	5.203	5.211	5.220	5.214
88	88	88	88	88
4.707	4.714	4.721	4.727	4.721
200	201	201	202	202
69	69	69	70	70
131	131	132	133	133
7.591	7.623	7.655	7.687	7.688
-	-	-	-	-
-	-	-	-	-
3.796	3.812	3.828	3.844	3.845
1.309	1.314	1.320	1.325	1.325
2.486	2.497	2.507	2.518	2.518
6.727	6.754	6.782	6.810	6.810
-	-	-	-	-
354	354	355	355	355
3.187	3.201	3.214	3.228	3.228
1.099	1.103	1.108	1.113	1.113
2.087	2.096	2.105	2.114	2.114
3.618	3.623	3.628	3.634	3.630
1.043	1.044	1.044	1.045	1.044
2.239	2.243	2.246	2.249	2.246
168	168	169	170	170
58	58	58	59	59
110	110	111	111	111
1.352	1.356	1.361	1.365	1.365
29	29	29	29	29
1.159	1.163	1.166	1.170	1.170
82	82	83	83	83
28	28	29	29	29
54	54	54	54	54
3.117	3.130	3.144	3.157	3.161
-	-	-	-	-
-	-	-	-	-

1.559	1.565	1.572	1.579	1.581
537	540	542	544	545
1.021	1.025	1.030	1.034	1.035
3.017	3.030	3.043	3.057	3.059
-	-	-	-	-
357	358	359	361	361
1.330	1.336	1.342	1.348	1.349
459	461	463	465	465
871	875	879	883	884
2.221	2.226	2.232	2.238	2.240
771	772	774	776	776
1.310	1.314	1.317	1.321	1.322
70	70	71	71	71
24	24	24	24	24
46	46	46	46	47
31.927	32.013	32.165	32.235	32.294
192	192	192	192	192
11.018	11.023	11.024	11.022	11.016
5.825	5.850	5.898	5.921	5.941
2.484	2.495	2.515	2.525	2.534
12.408	12.453	12.536	12.575	12.611
176.747	177.529	178.974	179.657	180.288
-	-	-	-	-
-	-	-	-	-
110.670	111.159	112.064	112.492	112.887
47.199	47.408	47.794	47.976	48.145
18.878	18.962	19.116	19.189	19.256
-	-	-	-	-
561	563	566	569	569
-	-	-	-	-
294	295	296	297	297
134	134	135	136	136
46	46	47	47	47
87	88	88	89	89
5.073	5.101	5.130	5.159	5.167
-	-	-	-	-
-	-	-	-	-
2.537	2.551	2.566	2.580	2.584
875	879	884	889	891
1.661	1.671	1.680	1.690	1.692
5.675	5.706	5.736	5.765	5.774
-	-	-	-	-
848	851	853	856	856
2.414	2.428	2.442	2.455	2.459
832	837	842	846	848
1.581	1.590	1.599	1.608	1.611
2.743	2.752	2.759	2.767	2.768
808	809	810	811	811

1.681	1.687	1.692	1.697	1.698
127	128	129	129	129
44	44	44	45	45
83	84	84	85	85
2.764	2.764	2.764	2.764	2.764
2.404	2.404	2.404	2.404	2.404
8.089	8.230	8.373	8.519	8.667
5.598	5.695	5.794	5.895	5.998
85.842	86.136	86.493	86.766	86.876
4.209	4.226	4.237	4.250	4.250
58.657	58.844	59.022	59.198	59.242
6.955	6.983	7.037	7.067	7.088
2.872	2.886	2.912	2.924	2.933
13.149	13.197	13.285	13.327	13.363
219.658	220.660	222.330	223.238	223.950
-	-	-	-	-
-	-	-	-	-
132.131	132.727	133.747	134.286	134.723
54.595	54.845	55.267	55.489	55.672
32.932	33.088	33.316	33.463	33.555
34.499	34.706	34.908	35.115	35.195
-	-	-	-	-
4.472	4.492	4.511	4.533	4.539
15.016	15.110	15.200	15.296	15.331
5.177	5.210	5.241	5.272	5.283
9.834	9.894	9.956	10.014	10.042
16.997	17.066	17.126	17.188	17.220
4.936	4.949	4.956	4.967	4.982
10.482	10.527	10.569	10.611	10.625
790	797	802	806	807
272	273	275	278	278
517	520	524	526	528
10.853	10.994	11.137	11.283	11.431
2.764	2.764	2.764	2.764	2.764
8.089	8.230	8.373	8.519	8.667
23.302	23.399	23.508	23.609	23.682
15.300	15.300	15.310	15.310	15.280
-	-	-	-	-
2.404	2.404	2.404	2.404	2.404
5.598	5.695	5.794	5.895	5.998

21	22	23	24	25
----	----	----	----	----

829	832	833	836	835
139	140	140	140	140
626	627	628	630	629
32	33	33	33	33
11	11	11	11	11
21	21	21	22	22
1.234	1.239	1.243	1.249	1.250
-	-	-	-	-
-	-	-	-	-
617	619	622	625	625
213	214	214	215	216
404	406	407	409	409
1.237	1.242	1.246	1.252	1.252
-	-	-	-	-
122	122	122	122	122
558	560	562	565	565
192	193	194	195	195
365	367	368	370	370
1.038	1.040	1.043	1.044	1.044
264	265	265	265	265
716	717	719	720	720
29	29	30	30	30
10	10	10	10	10
19	19	19	19	19
17.083	17.051	17.018	16.984	16.923
1.624	1.621	1.618	1.614	1.608
14.980	14.951	14.921	14.891	14.836
239	239	239	239	239
83	83	83	83	83
157	157	157	157	157
9.094	9.094	9.094	9.094	9.094
-	-	-	-	-
-	-	-	-	-
4.548	4.548	4.548	4.548	4.548
1.568	1.568	1.568	1.568	1.568
2.978	2.978	2.978	2.978	2.978
15.250	15.220	15.190	15.160	15.100
647	647	649	649	647
32	32	33	33	32
588	588	588	588	587

13	13	14	14	14
5	5	5	5	5
9	9	9	9	9
512	512	514	514	515
-	-	-	-	-
-	-	-	-	-
256	256	257	257	257
88	88	89	89	89
168	168	168	168	169
386	386	387	388	388
-	-	-	-	-
68	68	68	68	68
159	159	160	160	160
55	55	55	55	55
104	104	104	105	105
59	59	59	60	60
43	43	43	43	43
-	-	-	-	-
8	8	8	8	8
3	3	3	3	3
5	5	5	6	6
1.514	1.521	1.527	1.536	1.539
241	242	243	244	245
1.162	1.167	1.172	1.178	1.180
56	56	56	57	57
19	19	19	20	20
36	37	37	37	37
2.116	2.127	2.138	2.150	2.155
-	-	-	-	-
-	-	-	-	-
1.058	1.064	1.069	1.075	1.078
365	367	369	371	371
693	696	700	704	706
2.194	2.205	2.218	2.228	2.234
-	-	-	-	-
325	326	328	329	330
935	940	945	950	952
322	324	326	327	328
612	615	619	622	624
618	620	623	626	626
231	232	232	233	233
289	290	291	293	293
49	49	50	50	50
17	17	17	17	17
32	32	33	33	33
7.739	7.784	7.830	7.876	7.900
238	240	241	243	243
7.389	7.432	7.475	7.518	7.541
56	56	57	57	58

19	19	20	20	20
37	37	37	38	38
2.128	2.146	2.165	2.183	2.194
-	-	-	-	-
-	-	-	-	-
1.064	1.073	1.083	1.092	1.097
367	370	373	376	378
697	703	709	715	719
1.983	2.001	2.017	2.034	2.044
-	-	-	-	-
93	94	94	95	95
945	954	962	970	975
326	329	331	334	336
619	624	630	635	638
991	995	1.001	1.007	1.010
223	223	224	225	225
668	672	676	680	682
50	50	51	51	51
17	17	17	18	18
33	33	33	33	34
1.297	1.299	1.303	1.305	1.305
143	143	144	144	144
1.086	1.088	1.091	1.093	1.093
34	34	34	34	34
12	12	12	12	12
22	22	22	22	22
1.288	1.292	1.295	1.300	1.300
-	-	-	-	-
-	-	-	-	-
644	646	648	650	650
222	223	223	224	224
422	423	424	426	426
1.209	1.212	1.216	1.220	1.220
-	-	-	-	-
137	138	138	139	139
536	537	539	541	541
185	185	186	186	186
351	352	353	354	354
543	545	546	548	548
131	131	131	132	132
356	357	358	359	359
28	28	28	28	28
10	10	10	10	10
18	19	19	19	19
3.576	3.593	3.610	3.628	3.638
275	276	277	279	279
3.196	3.211	3.227	3.243	3.252
53	53	53	53	54
18	18	18	18	18

34	35	35	35	35
1.997	2.008	2.019	2.030	2.036
-	-	-	-	-
-	-	-	-	-
999	1.004	1.010	1.015	1.018
344	346	348	350	351
654	658	661	665	667
2.108	2.119	2.129	2.142	2.146
-	-	-	-	-
327	329	330	332	332
891	895	900	905	907
307	309	310	312	313
583	586	589	593	594
826	828	832	836	838
264	264	265	265	266
468	470	473	476	477
47	47	47	48	48
16	16	16	16	16
31	31	31	31	31
4.297	4.304	4.310	4.317	4.316
326	327	327	328	328
3.839	3.845	3.851	3.857	3.856
66	66	66	66	66
23	23	23	23	23
43	43	43	43	43
2.504	2.510	2.513	2.519	2.519
-	-	-	-	-
-	-	-	-	-
1.252	1.255	1.257	1.260	1.260
432	433	433	434	434
820	822	823	825	825
2.371	2.376	2.382	2.387	2.387
-	-	-	-	-
240	240	241	241	241
1.066	1.068	1.071	1.073	1.073
367	368	369	370	370
698	700	701	703	703
1.842	1.844	1.845	1.847	1.847
316	316	316	316	316
1.414	1.416	1.417	1.419	1.419
56	56	56	56	56
19	19	19	19	19
37	37	37	37	37
1.534	1.534	1.534	1.534	1.534
92	92	92	92	92
1.396	1.396	1.396	1.396	1.396
23	23	23	23	23
8	8	8	8	8
15	15	15	15	15

856	857	858	858	859
-	-	-	-	-
-	-	-	-	-
428	428	429	429	430
148	148	148	148	148
280	281	281	281	281
1.056	1.056	1.058	1.060	1.060
-	-	-	-	-
336	336	337	337	337
360	360	361	361	361
124	124	124	125	125
236	236	236	237	237
352	353	353	353	353
88	88	88	88	88
226	227	227	227	227
19	19	19	19	19
7	7	7	7	7
12	12	12	12	12
953	957	962	966	967
50	50	51	51	51
881	885	889	893	894
11	11	11	11	11
4	4	4	4	4
7	7	7	7	7
404	406	408	410	412
-	-	-	-	-
-	-	-	-	-
202	203	204	205	206
70	70	70	71	71
132	133	134	134	135
415	418	418	420	422
-	-	-	-	-
63	64	64	64	64
176	177	177	178	179
61	61	61	61	62
115	116	116	117	117
194	195	195	196	196
48	48	48	48	48
128	129	129	130	130
9	9	9	9	9
3	3	3	3	3
6	6	6	6	6
3.500	3.500	3.500	3.500	3.494
288	288	288	288	287
3.115	3.115	3.115	3.115	3.110
48	48	48	48	48
17	17	17	17	17
32	32	32	32	32

1.832	1.833	1.835	1.836	1.837
-	-	-	-	-
-	-	-	-	-
916	917	918	918	918
316	316	316	317	317
600	600	601	601	602
2.377	2.379	2.380	2.381	2.381
-	-	-	-	-
227	227	227	226	226
1.075	1.076	1.077	1.078	1.078
371	371	371	371	371
704	705	705	706	706
374	374	374	374	374
260	260	260	260	260
-	-	-	-	-
57	57	57	57	57
20	20	20	20	20
37	37	37	37	37
2.182	2.190	2.199	2.207	2.209
198	198	198	199	199
1.904	1.911	1.919	1.926	1.928
40	40	41	41	41
14	14	14	14	14
26	27	27	27	27
1.532	1.538	1.545	1.551	1.554
-	-	-	-	-
-	-	-	-	-
766	769	773	776	777
264	265	266	267	268
502	504	506	508	509
1.816	1.823	1.831	1.839	1.843
-	-	-	-	-
474	476	478	480	481
671	674	677	680	681
231	232	233	234	235
440	441	443	445	446
730	732	736	738	752
191	191	192	192	205
469	471	473	475	476
35	35	36	36	36
12	12	12	12	12
23	23	23	23	23
484	487	488	489	489
65	66	66	66	66
398	399	400	401	401
10	11	11	11	11
4	4	4	4	4
7	7	7	7	7
398	400	400	401	402

-	-	-	-	-
-	-	-	-	-
199	200	200	201	201
69	69	69	69	69
130	131	131	131	132
385	387	389	389	389
-	-	-	-	-
134	135	135	135	135
126	126	127	127	127
43	43	44	44	44
82	83	83	83	83
180	180	181	181	181
50	50	50	50	50
117	117	118	118	118
7	7	7	7	7
2	2	2	2	2
4	4	4	4	4
1.339	1.338	1.338	1.337	1.335
135	135	135	135	135
1.145	1.144	1.144	1.143	1.141
30	30	30	30	30
10	10	10	10	10
19	19	19	19	19
1.126	1.127	1.129	1.130	1.130
-	-	-	-	-
-	-	-	-	-
563	564	564	565	565
194	194	195	195	195
369	369	370	370	370
1.215	1.216	1.217	1.219	1.218
-	-	-	-	-
193	193	193	193	192
511	512	512	513	513
176	176	177	177	177
335	335	335	336	336
731	731	731	731	730
153	153	153	153	153
524	524	524	524	523
27	27	27	27	27
9	9	9	9	9
18	18	18	18	18
524	525	525	527	526
95	95	95	96	95
393	394	394	395	395
18	18	18	18	18
6	6	6	6	6
12	12	12	12	12
698	700	702	702	702
-	-	-	-	-

-	-	-	-	-
349	350	351	351	351
120	121	121	121	121
229	229	230	230	230
868	870	872	872	872
-	-	-	-	-
233	234	234	234	234
318	318	319	319	319
109	110	110	110	110
208	208	209	209	209
115	115	115	115	115
81	81	81	81	81
-	-	-	-	-
17	17	17	17	17
6	6	6	6	6
11	11	11	11	11
5.207	5.200	5.194	5.187	5.169
88	88	88	88	88
4.714	4.707	4.700	4.693	4.675
202	202	203	203	203
70	70	70	70	70
133	133	133	133	133
7.691	7.693	7.695	7.697	7.697
-	-	-	-	-
-	-	-	-	-
3.846	3.847	3.848	3.849	3.849
1.326	1.326	1.327	1.327	1.327
2.519	2.520	2.520	2.521	2.521
6.811	6.812	6.814	6.815	6.813
-	-	-	-	-
354	354	353	353	351
3.229	3.230	3.231	3.232	3.232
1.113	1.113	1.114	1.114	1.114
2.115	2.115	2.116	2.116	2.116
3.625	3.622	3.618	3.615	3.604
1.043	1.043	1.042	1.042	1.040
2.242	2.239	2.236	2.233	2.224
170	170	170	170	170
59	59	59	59	59
111	111	111	111	111
1.367	1.367	1.368	1.369	1.367
29	29	29	29	29
1.171	1.171	1.172	1.172	1.170
83	83	83	84	84
29	29	29	29	29
55	55	55	55	55
3.164	3.168	3.172	3.175	3.175
-	-	-	-	-
-	-	-	-	-

1.583	1.584	1.586	1.588	1.588
545	546	547	547	547
1.036	1.038	1.039	1.040	1.040
3.063	3.065	3.069	3.072	3.072
-	-	-	-	-
361	361	361	361	361
1.351	1.352	1.354	1.356	1.356
466	466	467	467	467
885	886	887	888	888
2.241	2.242	2.244	2.244	2.241
776	776	777	777	776
1.322	1.323	1.324	1.324	1.322
71	71	71	71	71
25	25	25	25	25
47	47	47	47	47
32.422	32.464	32.499	32.522	32.539
192	192	192	192	192
11.007	10.994	10.978	10.958	10.935
5.985	6.002	6.018	6.032	6.045
2.552	2.560	2.567	2.573	2.578
12.686	12.716	12.744	12.767	12.789
181.604	182.136	182.615	183.042	183.418
-	-	-	-	-
-	-	-	-	-
113.711	114.044	114.344	114.611	114.846
48.496	48.638	48.766	48.880	48.981
19.397	19.454	19.505	19.551	19.591
-	-	-	-	-
569	569	571	571	570
-	-	-	-	-
297	297	297	297	296
136	136	137	137	137
47	47	47	47	47
89	89	90	90	90
5.175	5.185	5.193	5.202	5.202
-	-	-	-	-
-	-	-	-	-
2.588	2.593	2.597	2.601	2.601
892	894	895	897	897
1.695	1.698	1.701	1.704	1.704
5.781	5.791	5.800	5.807	5.805
-	-	-	-	-
856	857	857	857	855
2.463	2.467	2.472	2.476	2.476
849	851	852	853	853
1.613	1.616	1.619	1.621	1.621
2.769	2.770	2.770	2.770	2.767
811	811	811	811	811

1.698	1.699	1.699	1.699	1.696
130	130	130	130	130
45	45	45	45	45
85	85	85	85	85
2.764	2.764	2.764	2.764	2.764
2.404	2.404	2.404	2.404	2.404
8.818	8.818	8.818	8.818	8.818
6.102	6.102	6.102	6.102	6.102
87.063	87.162	87.258	87.340	87.302
4.250	4.254	4.257	4.261	4.253
59.287	59.322	59.357	59.387	59.315
7.135	7.154	7.175	7.191	7.206
2.951	2.959	2.967	2.974	2.979
13.440	13.473	13.502	13.527	13.549
225.353	225.971	226.533	227.043	227.451
-	-	-	-	-
-	-	-	-	-
135.589	135.964	136.308	136.616	136.865
56.039	56.196	56.337	56.466	56.572
33.725	33.811	33.888	33.961	34.014
35.275	35.358	35.443	35.525	35.546
-	-	-	-	-
4.543	4.554	4.560	4.566	4.563
15.370	15.405	15.446	15.484	15.495
5.297	5.310	5.324	5.335	5.341
10.065	10.089	10.113	10.140	10.147
17.228	17.245	17.266	17.285	17.286
4.973	4.975	4.978	4.981	4.992
10.637	10.651	10.664	10.677	10.666
809	809	813	814	814
280	280	280	281	281
529	530	531	532	533
11.582	11.582	11.582	11.582	11.582
2.764	2.764	2.764	2.764	2.764
8.818	8.818	8.818	8.818	8.818
23.756	23.726	23.696	23.666	23.606
15.250	15.220	15.190	15.160	15.100
-	-	-	-	-
2.404	2.404	2.404	2.404	2.404
6.102	6.102	6.102	6.102	6.102

26	27	28	29	30
----	----	----	----	----

835	835	835	834	833
140	140	140	140	140
629	629	629	628	627
33	33	33	33	33
11	11	11	11	11
22	22	22	22	22
1.252	1.252	1.254	1.255	1.255
-	-	-	-	-
-	-	-	-	-
626	626	627	628	628
216	216	216	216	216
410	410	411	411	411
1.253	1.254	1.255	1.256	1.256
-	-	-	-	-
122	122	122	122	122
566	566	567	567	567
195	195	195	196	196
370	371	371	371	371
1.044	1.044	1.044	1.044	1.041
265	265	265	265	264
720	719	719	719	717
30	30	30	30	30
10	10	10	10	10
19	20	20	20	20
16.861	16.799	16.738	16.676	16.593
1.602	1.596	1.590	1.584	1.576
14.780	14.724	14.669	14.613	14.538
239	239	239	239	239
83	83	83	83	83
157	157	157	157	157
9.094	9.094	9.094	9.094	9.094
-	-	-	-	-
-	-	-	-	-
4.548	4.548	4.548	4.548	4.548
1.568	1.568	1.568	1.568	1.568
2.978	2.978	2.978	2.978	2.978
15.040	14.990	14.930	14.870	14.790
646	645	645	644	642
32	32	32	32	32
586	585	585	584	582

14	14	14	14	14
5	5	5	5	5
9	9	9	9	9
516	516	516	516	517
-	-	-	-	-
-	-	-	-	-
258	258	258	258	259
89	89	89	89	89
169	169	169	169	169
388	389	388	388	390
-	-	-	-	-
68	68	67	67	67
160	161	161	161	161
55	55	55	55	56
105	105	105	105	106
60	60	60	60	60
43	43	43	43	43
-	-	-	-	-
8	8	8	8	8
3	3	3	3	3
6	6	6	6	6
1.542	1.545	1.547	1.552	1.552
245	246	246	247	247
1.183	1.185	1.187	1.190	1.190
57	57	57	57	57
20	20	20	20	20
37	37	37	38	38
2.159	2.165	2.170	2.176	2.176
-	-	-	-	-
-	-	-	-	-
1.080	1.083	1.085	1.088	1.088
372	373	374	375	375
707	709	711	713	713
2.240	2.245	2.250	2.255	2.256
-	-	-	-	-
331	331	332	333	333
955	957	959	961	962
329	330	331	331	331
625	627	628	630	630
627	629	629	631	631
233	234	234	234	234
294	295	295	296	296
50	50	50	51	51
17	17	17	17	17
33	33	33	33	33
7.924	7.948	7.973	7.998	8.004
244	245	246	247	247
7.564	7.587	7.610	7.633	7.639
58	58	59	59	59

20	20	20	20	20
38	38	38	39	39
2.205	2.217	2.228	2.239	2.244
-	-	-	-	-
-	-	-	-	-
1.103	1.109	1.114	1.120	1.122
380	382	384	386	387
722	726	730	733	735
2.055	2.065	2.075	2.085	2.090
-	-	-	-	-
95	96	96	96	96
980	985	990	995	997
338	339	341	343	344
642	645	648	651	653
1.013	1.016	1.018	1.021	1.022
225	226	226	226	227
684	686	688	691	691
52	52	52	52	52
18	18	18	18	18
34	34	34	34	34
1.305	1.306	1.306	1.306	1.304
144	144	144	144	144
1.093	1.094	1.094	1.094	1.092
34	34	34	34	34
12	12	12	12	12
22	22	22	22	22
1.301	1.303	1.304	1.304	1.304
-	-	-	-	-
-	-	-	-	-
651	651	652	652	652
224	225	225	225	225
426	427	427	427	427
1.223	1.223	1.223	1.225	1.225
-	-	-	-	-
139	139	139	139	139
542	542	542	543	543
187	187	187	187	187
355	355	355	356	356
549	549	549	550	549
132	132	132	132	132
359	359	359	360	359
29	29	29	29	29
10	10	10	10	10
19	19	19	19	19
3.649	3.657	3.667	3.676	3.678
280	280	281	281	281
3.261	3.269	3.278	3.287	3.289
54	54	54	54	54
19	19	19	19	19

35	35	35	35	35
2.040	2.046	2.049	2.055	2.055
-	-	-	-	-
-	-	-	-	-
1.020	1.023	1.025	1.028	1.028
352	353	353	354	354
668	670	671	673	673
2.150	2.154	2.159	2.163	2.163
-	-	-	-	-
333	333	334	335	334
909	911	912	914	915
313	314	315	315	315
595	596	598	599	599
840	842	843	846	846
266	266	266	266	266
479	480	481	483	483
48	48	48	48	48
16	17	17	17	17
31	31	31	32	32
4.315	4.313	4.312	4.310	4.302
328	328	328	327	327
3.855	3.853	3.852	3.851	3.843
66	66	66	66	66
23	23	23	23	23
43	43	43	43	43
2.519	2.519	2.519	2.519	2.519
-	-	-	-	-
-	-	-	-	-
1.260	1.260	1.260	1.260	1.260
434	434	434	434	434
825	825	825	825	825
2.387	2.387	2.387	2.387	2.386
-	-	-	-	-
241	241	241	241	240
1.073	1.073	1.073	1.073	1.073
370	370	370	370	370
703	703	703	703	703
1.846	1.846	1.845	1.845	1.843
316	316	316	316	316
1.418	1.418	1.417	1.417	1.415
56	56	56	56	56
19	19	19	19	19
37	37	37	37	37
1.534	1.534	1.534	1.534	1.534
92	92	92	92	92
1.396	1.396	1.396	1.396	1.396
23	23	23	23	23
8	8	8	8	8
15	15	15	15	15

860	860	860	861	862
-	-	-	-	-
-	-	-	-	-
430	430	430	431	431
148	148	148	148	149
282	282	282	282	282
1.061	1.061	1.061	1.061	1.062
-	-	-	-	-
337	337	337	337	337
362	362	362	362	363
125	125	125	125	125
237	237	237	237	237
353	353	353	353	353
88	88	88	88	88
227	227	227	227	227
19	19	19	19	19
7	7	7	7	7
12	12	12	12	12
968	969	971	972	971
51	51	51	51	51
895	896	898	899	898
11	11	11	11	11
4	4	4	4	4
7	7	7	7	7
412	412	413	413	413
-	-	-	-	-
-	-	-	-	-
206	206	207	207	207
71	71	71	71	71
135	135	135	135	135
423	423	423	425	425
-	-	-	-	-
65	65	65	65	65
179	179	179	180	180
62	62	62	62	62
117	117	117	118	118
196	196	197	197	197
48	48	48	48	48
130	130	131	131	131
9	9	9	9	9
3	3	3	3	3
6	6	6	6	6
3.489	3.483	3.478	3.472	3.461
287	286	286	285	284
3.105	3.100	3.095	3.090	3.080
48	48	48	48	48
17	17	17	17	17
32	32	32	32	32

1.838	1.838	1.838	1.838	1.838
-	-	-	-	-
-	-	-	-	-
919	919	919	919	919
317	317	317	317	317
602	602	602	602	602
2.381	2.380	2.381	2.380	2.380
-	-	-	-	-
226	225	225	224	224
1.078	1.078	1.078	1.078	1.078
371	371	372	372	372
706	706	706	706	706
374	374	374	373	373
260	260	260	259	259
-	-	-	-	-
57	57	57	57	57
20	20	20	20	20
37	37	37	37	37
2.211	2.214	2.216	2.218	2.217
199	199	199	199	199
1.930	1.933	1.935	1.937	1.936
41	41	41	41	41
14	14	14	14	14
27	27	27	27	27
1.556	1.558	1.561	1.564	1.564
-	-	-	-	-
-	-	-	-	-
778	779	781	782	782
268	269	269	270	270
510	510	511	512	512
1.846	1.847	1.851	1.854	1.853
-	-	-	-	-
482	482	483	484	483
682	683	684	685	685
235	235	236	236	236
447	447	448	449	449
742	743	743	744	756
193	193	193	193	205
477	478	478	479	479
36	36	36	36	36
12	12	12	12	12
24	24	24	24	24
489	489	489	489	489
66	66	66	66	66
401	401	401	401	401
11	11	11	11	11
4	4	4	4	4
7	7	7	7	7
402	402	402	402	402

-	-	-	-	-
-	-	-	-	-
201	201	201	201	201
69	69	69	69	69
132	132	132	132	132
389	389	389	389	389
-	-	-	-	-
135	135	135	135	135
127	127	127	127	127
44	44	44	44	44
83	83	83	83	83
181	181	181	181	181
50	50	50	50	50
118	118	118	118	118
7	7	7	7	7
2	2	2	2	2
4	4	4	4	4
1.334	1.331	1.330	1.328	1.325
135	134	134	134	133
1.140	1.138	1.137	1.135	1.133
30	30	30	30	30
10	10	10	10	10
19	19	19	19	19
1.130	1.130	1.130	1.130	1.130
-	-	-	-	-
-	-	-	-	-
565	565	565	565	565
195	195	195	195	195
370	370	370	370	370
1.218	1.218	1.217	1.217	1.217
-	-	-	-	-
192	192	191	191	191
513	513	513	513	513
177	177	177	177	177
336	336	336	336	336
728	727	725	724	722
153	153	152	152	152
521	520	519	518	516
27	27	27	27	27
9	9	9	9	9
18	18	18	18	18
526	525	525	525	524
95	95	95	95	95
395	394	394	394	393
18	18	18	18	18
6	6	6	6	6
12	12	12	12	12
702	702	702	702	702
-	-	-	-	-

-	-	-	-	-
351	351	351	351	351
121	121	121	121	121
230	230	230	230	230
872	872	872	872	871
-	-	-	-	-
234	234	234	234	233
319	319	319	319	319
110	110	110	110	110
209	209	209	209	209
115	115	115	115	115
81	81	81	81	81
-	-	-	-	-
17	17	17	17	17
6	6	6	6	6
11	11	11	11	11
5.152	5.134	5.116	5.099	5.073
88	88	88	88	88
4.658	4.640	4.622	4.605	4.579
203	203	203	203	203
70	70	70	70	70
133	133	133	133	133
7.697	7.697	7.697	7.697	7.697
-	-	-	-	-
-	-	-	-	-
3.849	3.849	3.849	3.849	3.849
1.327	1.327	1.327	1.327	1.327
2.521	2.521	2.521	2.521	2.521
6.812	6.811	6.809	6.808	6.806
-	-	-	-	-
350	349	347	346	344
3.232	3.232	3.232	3.232	3.232
1.114	1.114	1.114	1.114	1.114
2.116	2.116	2.116	2.116	2.116
3.595	3.584	3.575	3.565	3.550
1.039	1.037	1.036	1.034	1.032
2.216	2.207	2.199	2.191	2.178
170	170	170	170	170
59	59	59	59	59
111	111	111	111	111
1.366	1.364	1.362	1.360	1.356
29	29	29	29	29
1.169	1.167	1.165	1.163	1.159
84	84	84	84	84
29	29	29	29	29
55	55	55	55	55
3.175	3.175	3.175	3.175	3.175
-	-	-	-	-
-	-	-	-	-

1.588	1.588	1.588	1.588	1.588
547	547	547	547	547
1.040	1.040	1.040	1.040	1.040
3.071	3.071	3.070	3.069	3.068
-	-	-	-	-
360	360	359	358	357
1.356	1.356	1.356	1.356	1.356
467	467	467	467	467
888	888	888	888	888
2.238	2.235	2.232	2.230	2.223
775	774	773	773	771
1.320	1.318	1.316	1.314	1.309
71	71	71	71	71
25	25	25	25	25
47	47	47	47	47
32.544	32.543	32.510	32.473	32.434
192	192	192	192	192
10.909	10.879	10.847	10.811	10.773
6.055	6.064	6.064	6.064	6.064
2.582	2.586	2.586	2.586	2.586
12.806	12.822	12.821	12.820	12.819
183.741	184.013	184.013	184.013	184.013
-	-	-	-	-
-	-	-	-	-
115.049	115.219	115.219	115.219	115.219
49.067	49.140	49.140	49.140	49.140
19.625	19.654	19.654	19.654	19.654
-	-	-	-	-
570	569	568	568	566
-	-	-	-	-
296	295	294	294	292
137	137	137	137	137
47	47	47	47	47
90	90	90	90	90
5.202	5.202	5.202	5.202	5.202
-	-	-	-	-
-	-	-	-	-
2.601	2.601	2.601	2.601	2.601
897	897	897	897	897
1.704	1.704	1.704	1.704	1.704
5.803	5.801	5.799	5.798	5.794
-	-	-	-	-
853	851	849	848	844
2.476	2.476	2.476	2.476	2.476
853	853	853	853	853
1.621	1.621	1.621	1.621	1.621
2.762	2.757	2.753	2.749	2.741
810	809	809	808	807

1.692	1.688	1.684	1.681	1.674
130	130	130	130	130
45	45	45	45	45
85	85	85	85	85
2.764	2.764	2.764	2.764	2.764
2.404	2.404	2.404	2.404	2.404
8.818	8.818	8.818	8.818	8.818
6.102	6.102	6.102	6.102	6.102
87.260	87.203	87.122	87.034	86.858
4.249	4.243	4.239	4.233	4.223
59.245	59.165	59.088	59.005	58.840
7.216	7.225	7.226	7.226	7.226
2.984	2.988	2.988	2.988	2.988
13.566	13.582	13.581	13.582	13.581
227.801	228.101	228.127	228.155	228.162
-	-	-	-	-
-	-	-	-	-
137.083	137.266	137.280	137.295	137.298
56.662	56.741	56.744	56.749	56.751
34.056	34.094	34.103	34.111	34.113
35.572	35.590	35.609	35.632	35.631
-	-	-	-	-
4.563	4.560	4.556	4.555	4.544
15.509	15.520	15.530	15.542	15.547
5.345	5.348	5.354	5.357	5.359
10.155	10.162	10.169	10.178	10.181
17.263	17.251	17.236	17.228	17.203
4.977	4.975	4.972	4.968	4.975
10.655	10.643	10.631	10.625	10.593
816	816	816	817	817
281	282	282	282	282
534	535	535	536	536
11.582	11.582	11.582	11.582	11.582
2.764	2.764	2.764	2.764	2.764
8.818	8.818	8.818	8.818	8.818
23.546	23.496	23.436	23.376	23.296
15.040	14.990	14.930	14.870	14.790
-	-	-	-	-
2.404	2.404	2.404	2.404	2.404
6.102	6.102	6.102	6.102	6.102

31	32	33	34	35
830	829	827	825	823
139	139	139	138	138
625	624	622	621	619
33	33	33	33	33
11	11	11	11	11
22	22	22	22	22
1.255	1.255	1.255	1.255	1.255
-	-	-	-	-
-	-	-	-	-
628	628	628	628	628
216	216	216	216	216
411	411	411	411	411
1.256	1.255	1.255	1.255	1.254
-	-	-	-	-
122	121	121	121	120
567	567	567	567	567
196	196	196	196	196
371	371	371	371	371
1.039	1.038	1.035	1.033	1.031
264	264	263	263	262
715	714	712	710	709
30	30	30	30	30
10	10	10	10	10
20	20	20	20	20
16.509	16.426	16.342	16.258	16.175
1.568	1.560	1.552	1.543	1.535
14.462	14.387	14.311	14.236	14.161
239	239	239	239	239
83	83	83	83	83
157	157	157	157	157
9.094	9.094	9.094	9.094	9.094
-	-	-	-	-
-	-	-	-	-
4.548	4.548	4.548	4.548	4.548
1.568	1.568	1.568	1.568	1.568
2.978	2.978	2.978	2.978	2.978
14.720	14.640	14.560	14.480	14.400
641	639	638	636	634
32	32	32	31	31
581	579	578	577	575

14	14	14	14	14
5	5	5	5	5
9	9	9	9	9
517	518	518	518	518
-	-	-	-	-
-	-	-	-	-
259	259	259	259	259
89	89	89	89	89
169	170	170	170	170
389	390	390	389	389
-	-	-	-	-
66	66	66	65	65
161	162	162	162	162
56	56	56	56	56
106	106	106	106	106
60	61	61	61	61
43	43	43	43	43
-	-	-	-	-
8	9	9	9	9
3	3	3	3	3
6	6	6	6	6
1.551	1.551	1.551	1.551	1.550
247	247	247	247	247
1.189	1.189	1.189	1.189	1.188
57	57	57	57	57
20	20	20	20	20
38	38	38	38	38
2.176	2.176	2.176	2.176	2.176
-	-	-	-	-
-	-	-	-	-
1.088	1.088	1.088	1.088	1.088
375	375	375	375	375
713	713	713	713	713
2.255	2.255	2.255	2.255	2.255
-	-	-	-	-
332	332	332	332	332
962	962	962	962	962
331	331	331	331	331
630	630	630	630	630
631	631	631	630	630
234	234	234	234	234
296	296	296	295	295
51	51	51	51	51
17	17	17	17	17
33	33	33	33	33
8.009	8.015	8.020	8.029	8.034
247	247	247	248	248
7.644	7.650	7.655	7.661	7.666
59	59	59	60	60

20	20	20	21	21
39	39	39	39	39
2.249	2.253	2.258	2.263	2.268
-	-	-	-	-
-	-	-	-	-
1.125	1.127	1.129	1.132	1.134
388	388	389	390	391
736	738	740	741	743
2.094	2.099	2.103	2.106	2.111
-	-	-	-	-
97	97	97	97	97
999	1.001	1.003	1.005	1.007
344	345	346	346	347
654	656	657	658	660
1.024	1.025	1.026	1.027	1.027
227	227	227	227	227
692	692	693	694	694
53	53	53	53	53
18	18	18	18	18
34	35	35	35	35
1.303	1.301	1.298	1.296	1.295
144	144	143	143	143
1.091	1.089	1.087	1.085	1.084
34	34	34	34	34
12	12	12	12	12
22	22	22	22	22
1.304	1.304	1.304	1.304	1.304
-	-	-	-	-
-	-	-	-	-
652	652	652	652	652
225	225	225	225	225
427	427	427	427	427
1.225	1.224	1.224	1.224	1.224
-	-	-	-	-
139	138	138	138	138
543	543	543	543	543
187	187	187	187	187
356	356	356	356	356
549	548	547	546	546
132	132	131	131	131
359	358	358	357	357
29	29	29	29	29
10	10	10	10	10
19	19	19	19	19
3.680	3.683	3.686	3.688	3.690
281	281	281	281	280
3.291	3.294	3.296	3.298	3.301
54	54	54	54	54
19	19	19	19	19

35	35	36	36	36
2.058	2.059	2.060	2.061	2.064
-	-	-	-	-
-	-	-	-	-
1.029	1.030	1.030	1.031	1.032
355	355	355	355	356
674	674	675	675	676
2.163	2.165	2.166	2.166	2.166
-	-	-	-	-
334	334	334	334	333
915	915	916	916	917
315	316	316	316	316
599	600	600	600	600
846	847	847	847	848
266	266	266	266	266
483	484	484	484	485
48	48	48	48	48
17	17	17	17	17
32	32	32	32	32
4.294	4.285	4.278	4.269	4.261
326	325	325	324	323
3.836	3.828	3.821	3.813	3.806
66	66	66	66	66
23	23	23	23	23
43	43	43	43	43
2.519	2.519	2.519	2.519	2.519
-	-	-	-	-
-	-	-	-	-
1.260	1.260	1.260	1.260	1.260
434	434	434	434	434
825	825	825	825	825
2.386	2.385	2.385	2.384	2.384
-	-	-	-	-
240	239	239	238	238
1.073	1.073	1.073	1.073	1.073
370	370	370	370	370
703	703	703	703	703
1.839	1.837	1.835	1.832	1.829
315	315	315	314	314
1.412	1.410	1.408	1.406	1.403
56	56	56	56	56
19	19	19	19	19
37	37	37	37	37
1.534	1.534	1.534	1.529	1.529
92	92	92	92	92
1.396	1.396	1.396	1.395	1.395
23	23	23	21	21
8	8	8	7	7
15	15	15	14	14

862	862	862	801	802
-	-	-	-	-
-	-	-	-	-
431	431	431	401	401
149	149	149	138	138
282	282	282	262	263
1.063	1.064	1.064	1.064	1.064
-	-	-	-	-
338	338	338	338	338
363	363	363	363	363
125	125	125	125	125
237	238	238	238	238
353	354	354	354	354
88	88	88	88	88
227	227	227	227	227
19	19	19	19	19
7	7	7	7	7
12	13	13	13	13
971	970	969	969	968
51	51	51	51	51
898	897	896	896	895
11	11	11	11	11
4	4	4	4	4
7	7	7	7	7
413	413	413	413	413
-	-	-	-	-
-	-	-	-	-
207	207	207	207	207
71	71	71	71	71
135	135	135	135	135
425	425	425	425	425
-	-	-	-	-
65	65	65	65	65
180	180	180	180	180
62	62	62	62	62
118	118	118	118	118
197	197	196	196	196
48	48	48	48	48
131	131	130	130	130
9	9	9	9	9
3	3	3	3	3
6	6	6	6	6
3.451	3.441	3.430	3.420	3.410
283	282	281	280	279
3.071	3.062	3.052	3.043	3.034
48	48	48	48	48
17	17	17	17	17
32	32	32	32	32

1.838	1.838	1.838	1.838	1.838
-	-	-	-	-
-	-	-	-	-
919	919	919	919	919
317	317	317	317	317
602	602	602	602	602
2.379	2.379	2.378	2.378	2.377
-	-	-	-	-
223	223	222	222	221
1.078	1.078	1.078	1.078	1.078
372	372	372	372	372
706	706	706	706	706
372	372	372	371	371
258	258	258	257	257
-	-	-	-	-
57	57	57	57	57
20	20	20	20	20
37	37	37	37	37
2.214	2.212	2.210	2.209	2.207
198	198	198	198	198
1.934	1.932	1.930	1.929	1.927
41	41	41	41	41
14	14	14	14	14
27	27	27	27	27
1.564	1.564	1.564	1.564	1.564
-	-	-	-	-
-	-	-	-	-
782	782	782	782	782
270	270	270	270	270
512	512	512	512	512
1.853	1.853	1.852	1.852	1.851
-	-	-	-	-
483	483	482	482	481
685	685	685	685	685
236	236	236	236	236
449	449	449	449	449
743	743	743	742	754
193	193	193	193	205
478	478	478	477	477
36	36	36	36	36
12	12	12	12	12
24	24	24	24	24
488	488	487	487	485
66	66	66	66	65
400	400	399	399	398
11	11	11	11	11
4	4	4	4	4
7	7	7	7	7
402	402	402	402	402

-	-	-	-	-
-	-	-	-	-
201	201	201	201	201
69	69	69	69	69
132	132	132	132	132
389	389	389	389	388
-	-	-	-	-
135	135	135	135	134
127	127	127	127	127
44	44	44	44	44
83	83	83	83	83
181	181	181	181	180
50	50	50	50	50
118	118	118	118	117
7	7	7	7	7
2	2	2	2	2
4	4	4	4	4
1.323	1.319	1.317	1.314	1.311
133	132	132	131	131
1.131	1.128	1.126	1.124	1.121
30	30	30	30	30
10	10	10	10	10
19	19	19	19	19
1.130	1.130	1.131	1.131	1.131
-	-	-	-	-
-	-	-	-	-
565	565	566	566	566
195	195	195	195	195
370	370	370	370	370
1.216	1.216	1.215	1.215	1.214
-	-	-	-	-
190	190	189	189	188
513	513	513	513	513
177	177	177	177	177
336	336	336	336	336
720	719	716	714	712
152	152	151	151	151
514	513	511	509	507
27	27	27	27	27
9	9	9	9	9
18	18	18	18	18
523	523	522	520	519
95	95	95	94	94
392	392	391	390	389
18	18	18	18	18
6	6	6	6	6
12	12	12	12	12
702	702	702	702	702
-	-	-	-	-

-	-	-	-	-
351	351	351	351	351
121	121	121	121	121
230	230	230	230	230
871	870	870	869	869
-	-	-	-	-
233	232	232	231	231
319	319	319	319	319
110	110	110	110	110
209	209	209	209	209
115	115	115	115	115
81	81	81	81	81
-	-	-	-	-
17	17	17	17	17
6	6	6	6	6
11	11	11	11	11
5.047	5.021	4.995	4.969	4.943
88	88	88	88	88
4.553	4.527	4.501	4.475	4.449
203	203	203	203	203
70	70	70	70	70
133	133	133	133	133
7.697	7.697	7.697	7.697	7.697
-	-	-	-	-
-	-	-	-	-
3.849	3.849	3.849	3.849	3.849
1.327	1.327	1.327	1.327	1.327
2.521	2.521	2.521	2.521	2.521
6.804	6.802	6.800	6.798	6.796
-	-	-	-	-
342	340	338	336	334
3.232	3.232	3.232	3.232	3.232
1.114	1.114	1.114	1.114	1.114
2.116	2.116	2.116	2.116	2.116
3.536	3.520	3.506	3.492	3.477
1.030	1.027	1.025	1.023	1.021
2.166	2.153	2.141	2.129	2.116
170	170	170	170	170
59	59	59	59	59
111	111	111	111	111
1.352	1.348	1.345	1.341	1.337
29	29	29	29	29
1.155	1.151	1.148	1.144	1.140
84	84	84	84	84
29	29	29	29	29
55	55	55	55	55
3.175	3.175	3.175	3.175	3.175
-	-	-	-	-
-	-	-	-	-

1.588	1.588	1.588	1.588	1.588
547	547	547	547	547
1.040	1.040	1.040	1.040	1.040
3.067	3.066	3.065	3.064	3.062
-	-	-	-	-
356	355	354	353	351
1.356	1.356	1.356	1.356	1.356
467	467	467	467	467
888	888	888	888	888
2.217	2.211	2.204	2.199	2.193
769	767	765	764	762
1.305	1.301	1.296	1.292	1.288
71	71	71	71	71
25	25	25	25	25
47	47	47	47	47
32.391	32.345	32.297	32.246	32.192
192	192	192	192	192
10.731	10.686	10.639	10.589	10.536
6.064	6.064	6.064	6.064	6.064
2.586	2.586	2.586	2.586	2.586
12.818	12.817	12.816	12.815	12.814
184.013	184.013	184.013	184.013	184.013
-	-	-	-	-
-	-	-	-	-
115.219	115.219	115.219	115.219	115.219
49.140	49.140	49.140	49.140	49.140
19.654	19.654	19.654	19.654	19.654
-	-	-	-	-
565	564	563	562	560
-	-	-	-	-
291	290	289	288	286
137	137	137	137	137
47	47	47	47	47
90	90	90	90	90
5.202	5.202	5.202	5.202	5.202
-	-	-	-	-
-	-	-	-	-
2.601	2.601	2.601	2.601	2.601
897	897	897	897	897
1.704	1.704	1.704	1.704	1.704
5.791	5.787	5.784	5.780	5.777
-	-	-	-	-
841	837	834	830	827
2.476	2.476	2.476	2.476	2.476
853	853	853	853	853
1.621	1.621	1.621	1.621	1.621
2.733	2.725	2.717	2.709	2.701
806	805	804	803	802

1.667	1.660	1.653	1.646	1.639
130	130	130	130	130
45	45	45	45	45
85	85	85	85	85
2.764	2.764	2.764	2.764	2.764
2.404	2.404	2.404	2.404	2.404
8.818	8.818	8.818	8.818	8.818
6.102	6.102	6.102	6.102	6.102
86.676	86.494	86.309	86.118	85.923
4.211	4.200	4.190	4.176	4.164
58.671	58.501	58.326	58.152	57.970
7.226	7.226	7.226	7.225	7.225
2.988	2.988	2.988	2.988	2.988
13.580	13.579	13.579	13.577	13.576
228.170	228.176	228.183	228.128	228.137
-	-	-	-	-
-	-	-	-	-
137.302	137.305	137.308	137.282	137.285
56.753	56.753	56.754	56.744	56.746
34.115	34.118	34.121	34.102	34.106
35.626	35.624	35.620	35.613	35.606
-	-	-	-	-
4.536	4.525	4.516	4.506	4.493
15.549	15.552	15.555	15.557	15.560
5.359	5.361	5.362	5.362	5.363
10.182	10.186	10.187	10.188	10.190
17.155	17.124	17.086	17.049	17.025
4.956	4.950	4.942	4.936	4.942
10.563	10.535	10.505	10.474	10.444
818	819	819	819	819
282	282	282	282	282
536	538	538	538	538
11.582	11.582	11.582	11.582	11.582
2.764	2.764	2.764	2.764	2.764
8.818	8.818	8.818	8.818	8.818
23.226	23.146	23.066	22.986	22.906
14.720	14.640	14.560	14.480	14.400
-	-	-	-	-
2.404	2.404	2.404	2.404	2.404
6.102	6.102	6.102	6.102	6.102

1
1
1 MTAP
1 ENAP
1 PEAP
1 MNAP
1 OCAP
1
1
1 MTAD
1 ENAD
1 PEAD
1 MNAD
1 OCAD
1
1
1 MTEC
1 ENEC
1 PEEC
1 MNEC
1 OCEC
1
1
1 MTET
1 ENET
1 PEET
1 MNET
1 OCET

4
4
4 MTAP
4 ENAP
4 PEAP
4 MNAP
4 OCAP
4
4
4 MTAD
4 ENAD
4 PEAD
4 MNAD
4 OCAD
4
4

6
6
6 MTAP
6 ENAP

6 PEAP
6 MNAP
6 OCAP
6
6
6 MTAD
6 ENAD
6 PEAD
6 MNAD
6 OCAD
6
6
6 MTEC
6 ENEC
6 PEEC
6 MNEC
6 OCEC
6
6
6 MTET
6 ENET
6 PEET
6 MNET
6 OCET

11
11
11 MTAP
11 ENAP
11 PEAP
11 MNAP
11 OCAP
11
11
11 MTAD
11 ENAD
11 PEAD
11 MNAD
11 OCAD
11
11
11 MTEC
11 ENEC
11 PEEC
11 MNEC
11 OCEC
11
11
11 MTET
11 ENET
11 PEET
11 MNET
11 OCET

12
12
12 MTAP
12 ENAP
12 PEAP

12 MNAP
12 OCAP
12
12
12 MTAD
12 ENAD
12 PEAD
12 MNAD
12 OCAD
12
12
12 MTEC
12 ENEC
12 PEEC
12 MNEC
12 OCEC
12
12
12 MTET
12 ENET
12 PEET
12 MNET
12 OCET

13
13
13 MTAP
13 ENAP
13 PEAP
13 MNAP
13 OCAP
13
13
13 MTAD
13 ENAD
13 PEAD
13 MNAD
13 OCAD
13
13
13 MTEC
13 ENEC
13 PEEC
13 MNEC
13 OCEC
13
13
13 MTET
13 ENET
13 PEET
13 MNET
13 OCET

15
15
15 MTAP
15 ENAP
15 PEAP
15 MNAP

15 OCAP
15
15
15 MTAD
15 ENAD
15 PEAD
15 MNAD
15 OCAD
15
15
15 MTEC
15 ENEC
15 PEEC
15 MNEC
15 OCEC
15
15
15 MTET
15 ENET
15 PEET
15 MNET
15 OCET

16
16
16 MTAP
16 ENAP
16 PEAP
16 MNAP
16 OCAP
16
16
16 MTAD
16 ENAD
16 PEAD
16 MNAD
16 OCAD
16
16
16 MTEC
16 ENEC
16 PEEC
16 MNEC
16 OCEC
16
16
16 MTET
16 ENET
16 PEET
16 MNET
16 OCET

19
19
19 MTAP
19 ENAP
19 PEAP
19 MNAP
19 OCAP

19
19
19 MTAD
19 ENAD
19 PEAD
19 MNAD
19 OCAD
19
19
19 MTEC
19 ENEC
19 PEEC
19 MNEC
19 OCEC
19
19
19 MTET
19 ENET
19 PEET
19 MNET
19 OCET

21
21
21 MTAP
21 ENAP
21 PEAP
21 MNAP
21 OCAP
21
21
21 MTAD
21 ENAD
21 PEAD
21 MNAD
21 OCAD
21
21
21 MTEC
21 ENEC
21 PEEC
21 MNEC
21 OCEC
21
21
21 MTET
21 ENET
21 PEET
21 MNET
21 OCET

25
25
25 MTAP
25 ENAP
25 PEAP
25 MNAP
25 OCAP
25

25
25 MTAD
25 ENAD
25 PEAD
25 MNAD
25 OCAD
25
25
25 MTEC
25 ENEC
25 PEEC
25 MNEC
25 OCEC
25
25
25 MTET
25 ENET
25 PEET
25 MNET
25 OCET

27
27
27 MTAP
27 ENAP
27 PEAP
27 MNAP
27 OCAP
27
27
27 MTAD
27 ENAD
27 PEAD
27 MNAD
27 OCAD
27
27
27 MTEC
27 ENEC
27 PEEC
27 MNEC
27 OCEC
27
27
27 MTET
27 ENET
27 PEET
27 MNET
27 OCET

28
28
28 MTAP
28 ENAP
28 PEAP
28 MNAP
28 OCAP
28
28

28 MTAD
28 ENAD
28 PEAD
28 MNAD
28 OCAD
28
28
28 MTEC
28 ENEC
28 PEEC
28 MNEC
28 OCEC
28
28
28 MTET
28 ENET
28 PEET
28 MNET
28 OCET

29
29
29 MTAP
29 ENAP
29 PEAP
29 MNAP
29 OCAP
29
29
29 MTAD
29 ENAD
29 PEAD
29 MNAD
29 OCAD
29
29
29 MTEC
29 ENEC
29 PEEC
29 MNEC
29 OCEC
29
29
29 MTET
29 ENET
29 PEET
29 MNET
29 OCET

30
30
30 MTAP
30 ENAP
30 PEAP
30 MNAP
30 OCAP
30
30
30 MTAD

30 ENAD
30 PEAD
30 MNAD
30 OCAD
30
30
30 MTEC
30 ENEC
30 PEEC
30 MNEC
30 OCEC
30
30
30 MTET
30 ENET
30 PEET
30 MNET
30 OCET

32
32
32 MTAP
32 ENAP
32 PEAP
32 MNAP
32 OCAP
32
32
32 MTAD
32 ENAD
32 PEAD
32 MNAD
32 OCAD
32
32
32 MTEC
32 ENEC
32 PEEC
32 MNEC
32 OCEC
32
32
32 MTET
32 ENET
32 PEET
32 MNET
32 OCET

34
34
34 MTAP
34 ENAP
34 PEAP
34 MNAP
34 OCAP
34
34
34 MTAD
34 ENAD

34 PEAD
34 MNAD
34 OCAD
34
34
34 MTEC
34 ENEC
34 PEEC
34 MNEC
34 OCEC
34
34
34 MTET
34 ENET
34 PEET
34 MNET
34 OCET

35
35
35 MTAP
35 ENAP
35 PEAP
35 MNAP
35 OCAP
35
35
35 MTAD
35 ENAD
35 PEAD
35 MNAD
35 OCAD
35
35

36
36
36 MTAP
36 ENAP
36 PEAP
36 MNAP
36 OCAP
36
36
36 MTAD
36 ENAD
36 PEAD
36 MNAD
36 OCAD
36
36
36 MTEC
36 ENEC
36 PEEC
36 MNEC
36 OCEC
36
36
36 MTET

36 ENET
36 PEET
36 MNET
36 OCET

37
37

38
38

MTAP
ENAP
PEAP
MNAP
OCAP

MTAD
ENAD
PEAD
MNAD
OCAD

MTEC
ENEC
PEEC
MNEC
OCEC

MTET
ENET
PEET
MNET
OCET

MTET
ENET

MTET
ENET

Projeto de Concessão Regionalizada dos Serviços de Abastecimento de Água e Esg

DFs

Ano do Contrato de Concessão	TOTAL	1
Tabela 19 - Demonstração de Resultado do Exercício (R\$ Mil)		
Receita Operacional Bruta	50.245.246	611.971
Tarifa Social	3.085.176	44.799
Residencial	26.423.266	340.958
Comercial	7.129.180	78.904
Industrial	4.990.957	52.063
Pública	4.309.530	66.976
Carmo	194.727	1.780
Itatiaia	1.765.802	11.566
Receita Indireta	2.346.609	14.926
Impostos Indiretos	-2.057.439	-13.843
Receita Operacional Líquida	48.187.807	598.129
Custos e Despesas	-30.617.328	-601.360
Materiais de Tratamento	-313.519	-8.860
Energia	-2.519.490	-54.387
Pessoal	-5.285.022	-115.801
Manutenção	-2.150.245	-47.826
Outros Custos Operacionais	-1.910.629	-38.831
Carmo - Água	-94.058	-2.354
Carmo - Esgoto	-79.027	-208
Itatiaia - Água	-273.212	-5.049
Itatiaia - Esgoto	-179.956	-1.922
Rio das Ostras - Esgoto	-452.340	-
Rio de Janeiro - AP5 Esgoto	-	-
Custos Licitatórios	-21.141	-21.141
AGENERSA + INEA	-361.409	-4.486
Compra de Água - CEDAE	-9.823.486	-281.020
Seguro-Garantia	-9.150	-591
Contingências	-112.378	-2.738
Seguros	-11.657	-333
Outorga Variável	-1.415.271	-15.813
Baixa de PDD	-5.605.338	-
LAJIDA	17.570.479	-3.231
Amortização (deflacionada)	-3.791.535	-14.661
LAJIR	13.778.944	-17.892
Despesas Financeiras	-	-
LAIR	13.778.944	-17.892
Impostos Diretos (Contábil)	-4.684.841	6.083
Lucro Líquido	9.094.103	-11.809

Tabela 20 - Fluxo de Caixa Livre da Firma (R\$ Mil)

Lucro Líquido	9.094.103	-11.809
(+) Amortização (deflacionada)	3.791.535	14.661
(-) Inadimplência	-5.605.338	-130.816
(-) Baixa PDD	5.605.338	-
Impostos Diretos (Fiscal)	-8.576	-6.083
(+/-) Variação no Capital de Giro	-33.206	9.853
Atividades Operacionais	12.843.856	-124.194
(-) Investimentos	-4.725.280	-238.365
(-) Outorga	-216.019	-172.815
Atividades de Investimento	-4.941.299	-411.180
FCFF	7.902.557	-535.374

lotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 3

2	3	4	5	6	7
692.072	784.036	893.919	1.027.109	1.116.067	1.196.193
48.127	52.835	59.391	68.013	74.034	80.196
382.663	429.195	483.747	546.070	589.374	631.063
89.377	101.384	115.985	133.056	145.741	158.287
60.835	70.768	82.184	95.171	104.240	113.040
71.665	77.731	85.833	96.298	102.369	107.931
2.485	3.222	3.977	4.745	5.524	5.579
16.763	22.387	28.422	34.846	41.640	43.136
20.157	26.513	34.382	48.910	53.146	56.962
-5.804	-8.084	-13.884	-22.304	-27.243	-32.513
686.268	775.952	880.035	1.004.805	1.088.824	1.163.680
-733.050	-781.956	-807.265	-825.033	-849.668	-865.562
-7.588	-7.870	-8.129	-8.440	-8.544	-8.638
-58.925	-67.094	-68.825	-70.467	-71.708	-71.603
-120.665	-125.110	-129.665	-134.535	-137.230	-139.923
-49.668	-51.330	-53.029	-54.874	-55.931	-56.988
-41.213	-43.482	-45.810	-48.204	-49.319	-50.452
-2.393	-2.424	-2.456	-2.489	-2.522	-2.555
-1.158	-2.108	-2.128	-2.164	-2.193	-2.222
-5.258	-5.474	-5.695	-5.922	-6.156	-6.396
-2.199	-2.486	-2.782	-3.088	-3.403	-3.729
-	-6.180	-7.180	-8.150	-9.140	-10.140
-	-	-	-	-	-
-	-	-	-	-	-
-5.147	-5.820	-6.600	-7.536	-8.166	-8.728
-286.286	-297.420	-295.556	-283.112	-282.150	-281.486
-591	-591	-591	-591	-299	-299
-2.826	-2.997	-3.046	-3.044	-3.073	-3.099
-333	-333	-333	-333	-333	-333
-17.983	-20.479	-23.464	-26.963	-29.548	-32.031
-130.816	-140.759	-151.977	-165.122	-179.953	-186.941
-46.782	-6.004	72.770	179.771	239.156	298.117
-35.924	-61.100	-88.926	-119.724	-134.622	-145.786
-82.706	-67.104	-16.156	60.047	104.534	152.331
-	-	-	-	-	-
-82.706	-67.104	-16.156	60.047	104.534	152.331
28.120	22.815	5.493	-20.416	-35.541	-51.793
-54.586	-44.289	-10.663	39.631	68.992	100.539

-54.586	-44.289	-10.663	39.631	68.992	100.539
35.924	61.100	88.926	119.724	134.622	145.786
-140.759	-151.977	-165.122	-179.953	-186.941	-188.508
130.816	140.759	151.977	165.122	179.953	186.941
-28.120	-22.815	-5.493	6.125	10.662	15.538
-5.895	-3.375	-6.661	-8.081	-5.371	-5.205
-62.620	-20.597	52.963	142.569	201.918	255.091
-548.528	-520.532	-532.015	-490.058	-282.401	-232.066
-	-43.204	-	-	-	-
-548.528	-563.736	-532.015	-490.058	-282.401	-232.066
-611.148	-584.333	-479.052	-347.489	-80.484	23.025

8	9	10	11	12	13
---	---	----	----	----	----

1.268.219	1.331.968	1.396.777	1.462.447	1.524.247	1.580.396
85.980	88.469	90.993	93.446	95.830	97.726
668.468	704.630	741.491	778.025	811.630	843.803
169.948	180.584	191.502	202.285	214.194	223.558
121.098	128.338	135.612	142.833	150.081	157.215
112.135	114.910	117.716	120.444	123.211	125.161
5.625	5.661	5.688	5.871	5.949	6.027
44.574	45.950	47.260	49.903	50.768	51.650
60.391	63.427	66.513	69.640	72.583	75.257
-37.773	-42.742	-48.143	-53.339	-58.914	-64.342
1.230.446	1.289.226	1.348.634	1.409.108	1.465.333	1.516.054
-875.529	-882.576	-886.814	-894.206	-898.509	-900.167
-8.651	-8.763	-8.847	-8.987	-9.033	-9.068
-70.892	-70.849	-70.485	-71.737	-72.277	-72.698
-142.626	-144.965	-147.111	-149.247	-150.438	-151.452
-58.050	-58.947	-59.782	-60.611	-61.116	-61.517
-51.588	-52.641	-53.577	-54.517	-54.853	-55.254
-2.589	-2.623	-2.658	-2.693	-2.728	-2.764
-2.251	-2.281	-2.311	-2.342	-2.373	-2.404
-6.642	-6.895	-7.155	-7.422	-7.551	-7.682
-4.064	-4.411	-4.768	-5.136	-5.225	-5.316
-11.160	-12.190	-13.180	-14.180	-15.180	-15.240
-	-	-	-	-	-
-	-	-	-	-	-
-9.228	-9.669	-10.115	-10.568	-10.990	-11.370
-281.210	-280.277	-279.147	-279.832	-280.427	-281.046
-299	-299	-299	-161	-161	-161
-3.124	-3.146	-3.164	-3.198	-3.219	-3.234
-333	-333	-333	-333	-333	-333
-34.313	-36.381	-38.487	-40.614	-42.667	-44.574
-188.508	-187.905	-185.394	-182.628	-179.938	-176.053
354.917	406.650	461.819	514.901	566.823	615.887
-154.858	-161.307	-166.777	-172.208	-171.352	-168.863
200.059	245.344	295.042	342.693	395.472	447.024
-	-	-	-	-	-
200.059	245.344	295.042	342.693	395.472	447.024
-68.020	-83.417	-100.314	-116.516	-134.460	-151.988
132.039	161.927	194.728	226.177	261.011	295.036

132.039	161.927	194.728	226.177	261.011	295.036
154.858	161.307	166.777	172.208	171.352	168.863
-187.905	-185.394	-182.628	-179.938	-176.053	-171.278
188.508	187.905	185.394	182.628	179.938	176.053
20.406	1.205	-	-	-	-
-4.874	-2.598	-4.176	-4.232	-4.185	-4.035
303.032	324.350	360.095	396.844	432.063	464.639
-216.452	-194.205	-179.678	-178.086	-105.155	-91.049
-	-	-	-	-	-
-216.452	-194.205	-179.678	-178.086	-105.155	-91.049
86.579	130.145	180.417	218.758	326.908	373.590

14	15	16	17	18	19
----	----	----	----	----	----

1.588.748	1.594.571	1.600.154	1.605.502	1.610.616	1.614.741
97.847	97.860	97.850	97.815	97.757	97.648
846.676	848.026	849.254	850.359	851.339	851.787
225.227	226.504	227.741	228.945	230.116	231.099
158.351	159.158	159.944	160.708	161.450	162.050
126.419	127.603	128.751	129.860	130.933	131.958
6.027	6.027	6.027	6.027	6.027	6.027
52.547	53.460	54.389	55.335	56.298	57.278
75.655	75.932	76.198	76.452	76.696	76.892
-65.903	-67.874	-70.052	-71.242	-72.237	-73.184
1.522.844	1.526.697	1.530.102	1.534.260	1.538.379	1.541.557
-899.811	-893.111	-886.203	-888.913	-892.246	-894.591
-9.108	-9.136	-9.145	-9.175	-9.193	-9.217
-73.119	-73.366	-73.611	-73.863	-74.102	-74.342
-152.876	-153.669	-154.892	-155.617	-156.786	-157.455
-62.093	-62.418	-62.916	-63.214	-63.695	-63.963
-55.756	-56.039	-56.432	-56.699	-57.081	-57.330
-2.764	-2.764	-2.764	-2.764	-2.764	-2.764
-2.404	-2.404	-2.404	-2.404	-2.404	-2.404
-7.815	-7.951	-8.089	-8.230	-8.373	-8.519
-5.408	-5.502	-5.598	-5.695	-5.794	-5.895
-15.290	-15.290	-15.300	-15.300	-15.310	-15.310
-	-	-	-	-	-
-	-	-	-	-	-
-11.421	-11.450	-11.476	-11.507	-11.538	-11.562
-281.578	-281.925	-282.188	-282.367	-282.464	-282.479
-161	-161	-93	-93	-93	-93
-3.252	-3.262	-3.275	-3.283	-3.295	-3.303
-333	-333	-333	-333	-333	-333
-45.154	-45.667	-45.824	-45.974	-46.116	-46.231
-171.278	-161.773	-151.864	-152.396	-152.905	-153.392
623.034	633.587	643.899	645.346	646.133	646.966
-162.409	-154.693	-145.127	-135.900	-128.388	-120.877
460.624	478.894	498.772	509.446	517.746	526.089
-	-	-	-	-	-
460.624	478.894	498.772	509.446	517.746	526.089
-156.612	-162.824	-169.582	-173.212	-176.033	-178.870
304.012	316.070	329.189	336.234	341.712	347.218

304.012	316.070	329.189	336.234	341.712	347.218
162.409	154.693	145.127	135.900	128.388	120.877
-161.773	-151.864	-152.396	-152.905	-153.392	-153.785
171.278	161.773	151.864	152.396	152.905	153.392
-	-	-	-	-	-
-1.911	-1.715	-729	-1.106	-1.113	-1.115
474.015	478.956	473.055	470.519	468.500	466.588
-97.881	-77.724	-59.886	-52.393	-59.372	-51.101
-	-	-	-	-	-
-97.881	-77.724	-59.886	-52.393	-59.372	-51.101
376.134	401.233	413.170	418.126	409.128	415.488

20	21	22	23	24	25
----	----	----	----	----	----

1.617.267	1.619.565	1.620.544	1.621.282	1.620.497	1.619.070
97.471	97.272	97.050	96.808	96.494	96.151
851.188	850.475	849.650	848.712	846.931	844.722
231.887	232.637	233.345	234.018	234.443	234.794
162.487	162.902	163.292	163.659	163.799	163.910
132.919	133.840	134.721	135.563	136.346	137.077
6.027	6.027	6.027	6.027	6.027	6.027
58.275	59.290	59.290	59.290	59.290	59.290
77.013	77.122	77.169	77.204	77.167	77.099
-74.082	-74.798	-75.447	-76.029	-76.420	-76.800
1.543.185	1.544.767	1.545.097	1.545.253	1.544.076	1.542.271
-896.072	-898.033	-898.760	-899.223	-899.460	-899.051
-9.232	-9.223	-9.229	-9.235	-9.242	-9.245
-74.406	-74.467	-74.527	-74.581	-74.630	-74.544
-157.949	-158.903	-159.332	-159.742	-160.105	-160.380
-64.166	-64.567	-64.745	-64.908	-65.056	-65.173
-57.488	-57.759	-57.903	-58.034	-58.160	-58.243
-2.764	-2.764	-2.764	-2.764	-2.764	-2.764
-2.404	-2.404	-2.404	-2.404	-2.404	-2.404
-8.667	-8.818	-8.818	-8.818	-8.818	-8.818
-5.998	-6.102	-6.102	-6.102	-6.102	-6.102
-15.280	-15.250	-15.220	-15.190	-15.160	-15.100
-	-	-	-	-	-
-	-	-	-	-	-
-11.574	-11.586	-11.588	-11.589	-11.581	-11.567
-282.326	-282.094	-281.783	-281.395	-280.930	-280.319
-93	-60	-60	-60	-60	-60
-3.306	-3.313	-3.316	-3.317	-3.318	-3.317
-333	-333	-333	-333	-333	-333
-46.301	-46.363	-46.391	-46.412	-46.389	-46.348
-153.785	-154.025	-154.244	-154.338	-154.408	-154.333
647.113	646.735	646.336	646.030	644.616	643.220
-112.968	-106.797	-100.461	-94.865	-89.963	-85.105
534.145	539.937	545.876	551.165	554.653	558.114
-	-	-	-	-	-
534.145	539.937	545.876	551.165	554.653	558.114
-181.609	-183.579	-185.598	-187.396	-188.582	-189.759
352.536	356.359	360.278	363.769	366.071	368.356

352.536	356.359	360.278	363.769	366.071	368.356
112.968	106.797	100.461	94.865	89.963	85.105
-154.025	-154.244	-154.338	-154.408	-154.333	-154.197
153.785	154.025	154.244	154.338	154.408	154.333
-	-	-	-	-	-
-1.062	-1.065	-1.060	-1.071	-1.031	-1.019
464.201	461.872	459.586	457.493	455.078	452.578
-39.644	-47.138	-39.113	-38.440	-38.326	-33.072
-	-	-	-	-	-
-39.644	-47.138	-39.113	-38.440	-38.326	-33.072
424.557	414.733	420.473	419.053	416.752	419.506

26	27	28	29	30	31
----	----	----	----	----	----

1.617.402	1.615.496	1.613.352	1.609.787	1.605.845	1.601.671
95.789	95.406	95.005	94.541	94.056	93.553
842.413	840.002	837.488	834.158	830.605	826.958
235.103	235.372	235.602	235.603	235.561	235.479
163.996	164.057	164.095	163.947	163.774	163.577
137.766	138.413	139.020	139.564	140.062	140.518
6.027	6.027	6.027	6.027	6.027	6.027
59.290	59.290	59.290	59.290	59.290	59.290
77.019	76.928	76.826	76.657	76.469	76.270
-77.123	-77.359	-77.572	-77.595	-77.583	-77.414
1.540.280	1.538.137	1.535.781	1.532.192	1.528.262	1.524.258
-898.391	-897.599	-896.392	-895.048	-893.258	-891.892
-9.226	-9.218	-9.211	-9.201	-9.198	-9.167
-74.463	-74.368	-74.275	-74.185	-73.977	-73.770
-160.624	-160.827	-160.852	-160.880	-160.888	-160.895
-65.272	-65.359	-65.368	-65.376	-65.380	-65.382
-58.311	-58.373	-58.388	-58.407	-58.411	-58.413
-2.764	-2.764	-2.764	-2.764	-2.764	-2.764
-2.404	-2.404	-2.404	-2.404	-2.404	-2.404
-8.818	-8.818	-8.818	-8.818	-8.818	-8.818
-6.102	-6.102	-6.102	-6.102	-6.102	-6.102
-15.040	-14.990	-14.930	-14.870	-14.790	-14.720
-	-	-	-	-	-
-	-	-	-	-	-
-11.552	-11.536	-11.518	-11.491	-11.462	-11.432
-279.634	-278.875	-278.045	-277.144	-276.118	-275.023
-35	-35	-35	-35	-35	-591
-3.315	-3.312	-3.307	-3.302	-3.296	-3.291
-333	-333	-333	-333	-333	-333
-46.301	-46.246	-46.184	-46.081	-45.969	-45.849
-154.197	-154.038	-153.857	-153.653	-153.313	-152.938
641.888	640.538	639.389	637.144	635.004	632.365
-80.830	-77.344	-74.114	-71.633	-69.589	-68.580
561.058	563.194	565.275	565.511	565.415	563.785
-	-	-	-	-	-
561.058	563.194	565.275	565.511	565.415	563.785
-190.760	-191.486	-192.193	-192.274	-192.241	-191.687
370.298	371.708	373.081	373.237	373.174	372.098

370.298	371.708	373.081	373.237	373.174	372.098
80.830	77.344	74.114	71.633	69.589	68.580
-154.038	-153.857	-153.653	-153.313	-152.938	-152.540
154.197	154.038	153.857	153.653	153.313	152.938
-	-	-	-	-	-
-1.029	-1.044	-1.057	-1.019	-1.022	-1.017
450.258	448.189	446.343	444.191	442.116	440.059
-31.787	-32.019	-28.904	-28.866	-26.627	-26.598
-	-	-	-	-	-
-31.787	-32.019	-28.904	-28.866	-26.627	-26.598
418.471	416.170	417.439	415.325	415.489	413.461

32	33	34	35
1.597.276	1.592.652	1.587.819	1.585.969
93.033	92.496	91.942	91.494
823.233	819.406	815.438	813.330
235.349	235.186	235.040	235.325
163.355	163.107	162.839	163.024
140.929	141.299	141.633	141.956
6.027	6.027	6.027	6.027
59.290	59.290	59.290	59.290
76.061	75.841	75.610	75.522
-77.137	-76.659	-75.813	-60.187
1.520.139	1.515.993	1.512.006	1.525.782
-889.880	-887.762	-885.482	-1.034.454
-9.150	-9.132	-9.112	-9.106
-73.561	-73.347	-73.132	-72.907
-160.902	-160.908	-160.883	-160.889
-65.384	-65.386	-65.376	-65.379
-58.421	-58.425	-58.405	-58.410
-2.764	-2.764	-2.764	-2.764
-2.404	-2.404	-2.404	-2.404
-8.818	-8.818	-8.818	-8.818
-6.102	-6.102	-6.102	-6.102
-14.640	-14.560	-14.480	-14.400
-	-	-	-
-	-	-	-
-11.401	-11.370	-11.340	-11.443
-273.862	-272.634	-271.343	-269.988
-591	-591	-591	-591
-3.284	-3.277	-3.268	-3.260
-333	-333	-333	-333
-45.722	-45.589	-45.450	-45.394
-152.540	-152.122	-151.681	-302.265
630.259	628.231	626.524	491.327
-69.157	-71.788	-78.312	-96.527
561.102	556.443	548.212	394.800
-	-	-	-
561.102	556.443	548.212	394.800
-190.775	-189.191	-186.392	-134.232
370.327	367.253	361.820	260.568

370.327	367.253	361.820	260.568
69.157	71.788	78.312	96.527
-152.122	-151.681	-151.221	-151.045
152.540	152.122	151.681	302.265
-	-	-	-
-1.085	-1.144	-1.270	39.312
438.818	438.337	439.322	547.628
-27.404	-27.245	-26.923	-26.225
-	-	-	-
-27.404	-27.245	-26.923	-26.225
411.414	411.092	412.399	521.403