

Projeto de Concessão Regionalizada dos Serviços de Abastecimento de Água e Es
CAPEX

Ano do Contrato de Concessão		TOTAL
Tabela 1 - Premissas de CAPEX - Água (R\$ Mil)		
	Obras Civis - Produção de Água	1,200,930
1	Belford Roxo	141,696
2	Duque de Caxias	179,619
3	Japeri	19,239
4	Mesquita	130,159
5	Nilópolis	2,501
6	Novo Iguacu	340,186
7	Queimados	6,255
8	Rio de Janeiro - AP 1, 2.2 e 3	311,209
9	Sao Joao de Meriti	70,066
	Obras Civis - Distribuição	2,596,924
1	Belford Roxo	201,508
2	Duque de Caxias	405,530
3	Japeri	77,971
4	Mesquita	44,286
5	Nilópolis	23,689
6	Novo Iguacu	167,852
7	Queimados	95,836
8	Rio de Janeiro - AP 1, 2.2 e 3	1,511,172
9	Sao Joao de Meriti	69,080
	Sistemas - Produção de Água	68,087
1	Belford Roxo	7,883
2	Duque de Caxias	10,151
3	Japeri	1,455
4	Mesquita	6,685
5	Nilópolis	346
6	Novo Iguacu	17,166
7	Queimados	249
8	Rio de Janeiro - AP 1, 2.2 e 3	19,812
9	Sao Joao de Meriti	4,340
	Sistemas - Distribuição de Água	109,419
1	Belford Roxo	11,274
2	Duque de Caxias	26,023
3	Japeri	5,045
4	Mesquita	2,750
5	Nilópolis	2,171
6	Novo Iguacu	13,450
7	Queimados	5,070
8	Rio de Janeiro - AP 1, 2.2 e 3	38,207
9	Sao Joao de Meriti	5,429
	Equipamentos - Produção de Água	552,886
1	Belford Roxo	36,439
2	Duque de Caxias	55,505
3	Japeri	7,334
4	Mesquita	18,350
5	Nilópolis	13,227

6	Novo Iguacu	68,116
7	Queimados	790
8	Rio de Janeiro - AP 1, 2.2 e 3	311,735
9	Sao Joao de Meriti	41,390

Equipamentos - Distribuição de Água

		1,101,188
1	Belford Roxo	131,323
2	Duque de Caxias	211,502
3	Japeri	30,561
4	Mesquita	44,600
5	Nilopolis	30,227
6	Novo Iguacu	161,082
7	Queimados	39,540
8	Rio de Janeiro - AP 1, 2.2 e 3	378,552
9	Sao Joao de Meriti	73,801

	PERCENTUAL DO TOTAL	SOMA
CAPEX Total de Água por Categoria	100.00%	5,629,434
Obras Civas - Produção de Água	21.33%	1,200,930
Obras Civas - Distribuição	46.13%	2,596,924
Sistemas - Produção de Água	1.21%	68,087
Sistemas - Distribuição de Água	1.94%	109,419
Equipamentos - Produção de Água	9.82%	552,886
Equipamentos - Distribuição de Água	19.56%	1,101,188

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

	Obras Civas - Coleta de Esgoto	7,498,564
1	Belford Roxo	781,236
2	Duque de Caxias	1,848,766
3	Japeri	273,375
4	Mesquita	231,470
5	Nilopolis	249,897
6	Novo Iguacu	1,337,979
7	Queimados	376,193
8	Rio de Janeiro - AP 1, 2.2 e 3	2,399,648
9	Sao Joao de Meriti	-
	Obras Civas - Tratamento de Esgoto	754,026
1	Belford Roxo	61,063
2	Duque de Caxias	125,752
3	Japeri	32,698
4	Mesquita	13,380
5	Nilopolis	17,281
6	Novo Iguacu	147,340
7	Queimados	37,613
8	Rio de Janeiro - AP 1, 2.2 e 3	318,899
9	Sao Joao de Meriti	-
	Sistemas - Coleta de Esgoto	157,022
1	Belford Roxo	15,324
2	Duque de Caxias	35,212
3	Japeri	9,285
4	Mesquita	3,141
5	Nilopolis	4,106
6	Novo Iguacu	39,629
7	Queimados	14,731
8	Rio de Janeiro - AP 1, 2.2 e 3	35,594

9	Sao Joao de Meriti	-
	Sistemas - Tratamento de Esgoto	75,052
1	Belford Roxo	6,140
2	Duque de Caxias	13,925
3	Japeri	4,067
4	Mesquita	715
5	Nilopolis	1,574
6	Novo Iguacu	17,737
7	Queimados	4,695
8	Rio de Janeiro - AP 1, 2.2 e 3	26,199
9	Sao Joao de Meriti	-
	Equipamentos - Coleta de Esgoto	94,812
1	Belford Roxo	10,858
2	Duque de Caxias	27,153
3	Japeri	3,128
4	Mesquita	1,691
5	Nilopolis	3,287
6	Novo Iguacu	26,063
7	Queimados	2,679
8	Rio de Janeiro - AP 1, 2.2 e 3	19,953
9	Sao Joao de Meriti	-
	Equipamentos - Tratamento de Esgoto	1,878,936
1	Belford Roxo	102,097
2	Duque de Caxias	199,828
3	Japeri	34,870
4	Mesquita	36,372
5	Nilopolis	30,617
6	Novo Iguacu	171,344
7	Queimados	45,092
8	Rio de Janeiro - AP 1, 2.2 e 3	1,258,716
9	Sao Joao de Meriti	-

	PERCENTUAL DO TOTAL	SOMA
CAPEX Total de Esgoto por Categoria	100.00%	10,458,412
Obras Civas - Coleta de Esgoto	71.70%	7,498,564
Obras Civas - Tratamento de Esgoto	7.21%	754,026
Sistemas - Coleta de Esgoto	1.50%	157,022
Sistemas - Tratamento de Esgoto	0.72%	75,052
Equipamentos - Coleta de Esgoto	0.91%	94,812
Equipamentos - Tratamento de Esgoto	17.97%	1,878,936

gotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 4

	1	2	3	4	5	6	7
-		90,372	117,568	246,466	247,958	261,671	143,028
-		1,420	8,472	14,118	25,651	30,886	33,237
-		1,822	3,133	41,623	49,813	56,447	18,555
-		576	986	1,048	5,800	5,374	5,334
-		-	334	353	2,504	42,936	43,133
-		-	372	474	474	463	480
-		24,185	20,022	99,186	95,570	85,798	5,695
-		415	1,631	1,947	1,531	387	124
-		61,139	68,640	72,260	49,090	31,850	28,230
-		815	13,978	15,457	17,525	7,530	8,240
-		140,064	247,032	257,483	268,459	256,723	261,193
-		5,305	18,234	18,559	21,337	20,251	21,434
-		12,359	35,190	36,918	38,647	36,548	43,010
-		1,562	9,875	11,629	12,940	12,957	4,759
-		2,528	4,768	4,784	4,800	4,004	4,796
-		1,046	2,270	3,501	3,504	3,012	3,386
-		5,812	18,694	18,824	19,566	19,241	20,351
-		3,569	14,388	14,704	15,020	14,292	5,345
-		105,495	135,398	140,306	144,344	139,183	148,620
-		2,388	8,215	8,258	8,301	7,235	9,492
-		500	6,346	12,968	12,856	13,367	7,464
-		-	505	776	1,284	1,545	1,661
-		-	267	2,162	2,489	2,823	928
-		-	49	49	489	294	294
-		-	25	25	133	2,146	2,155
-		-	30	30	30	30	30
-		-	900	5,105	4,748	4,264	289
-		-	79	89	68	11	2
-		500	3,727	3,908	2,726	1,864	1,683
-		-	764	824	889	390	422
-		2,419	7,543	8,422	9,476	9,057	10,218
-		241	781	796	1,035	986	1,101
-		575	1,573	1,709	1,844	1,788	2,372
-		72	444	591	710	710	331
-		118	222	222	223	191	259
-		48	99	211	211	194	231
-		262	1,111	1,117	1,235	1,282	1,387
-		169	684	699	714	685	260
-		825	2,249	2,696	3,121	2,882	3,724
-		109	380	381	383	339	553
-		7,705	17,885	17,885	10,773	10,773	10,773
-		1,280	1,847	1,847	567	567	567
-		1,653	2,595	2,595	942	942	942
-		-	47	47	640	640	640
-		-	254	254	254	254	254
-		-	299	299	299	299	299

-	3,567	4,214	4,214	647	647	647
-	-	18	18	18	18	18
-	474	7,091	7,091	6,617	6,617	6,617
-	731	1,520	1,520	789	789	789
-	26,758	26,758	26,758	26,758	26,758	28,564
-	2,807	2,807	2,807	2,807	2,807	3,025
-	4,766	4,766	4,766	4,766	4,766	5,156
-	572	572	572	572	572	626
-	1,169	1,169	1,169	1,169	1,169	1,243
-	823	823	823	823	823	864
-	3,971	3,971	3,971	3,971	3,971	4,234
-	866	866	866	866	866	948
-	9,860	9,860	9,860	9,860	9,860	10,450
-	1,924	1,924	1,924	1,924	1,924	2,018
-	267,818	423,132	569,982	576,280	578,349	461,240
-	90,372	117,568	246,466	247,958	261,671	143,028
-	140,064	247,032	257,483	268,459	256,723	261,193
-	500	6,346	12,968	12,856	13,367	7,464
-	2,419	7,543	8,422	9,476	9,057	10,218
-	7,705	17,885	17,885	10,773	10,773	10,773
-	26,758	26,758	26,758	26,758	26,758	28,564
-	389,768	642,474	705,075	692,079	806,905	616,415
-	23,993	33,487	49,619	64,075	63,631	77,066
-	88,695	112,204	143,783	134,948	157,945	185,659
-	10,571	54,348	56,009	53,908	54,418	3,644
-	10,978	19,024	21,755	24,487	26,946	17,564
-	17,392	20,720	17,788	21,652	26,419	21,114
-	87,577	103,380	92,941	74,648	95,719	131,297
-	10,863	77,958	77,972	78,513	75,392	5,904
-	139,699	221,353	245,208	239,848	306,435	174,167
-	-	-	-	-	-	-
-	3,480	86,458	102,441	105,206	91,428	79,894
-	696	3,935	3,988	4,004	3,983	4,190
-	348	13,488	16,589	13,622	5,628	6,062
-	-	53	4,762	7,953	4,759	59
-	-	2,536	2,581	2,581	2,580	2,625
-	-	1,430	1,446	1,446	1,455	1,531
-	1,044	1,108	1,222	1,131	1,175	1,508
-	1,392	255	8,200	10,816	8,195	266
-	-	63,653	63,653	63,653	63,653	63,653
-	-	-	-	-	-	-
-	6,882	11,952	10,511	6,324	10,586	20,283
-	36	59	403	664	613	2,270
-	1,699	1,177	1,584	51	51	7,248
-	854	1,772	1,820	1,681	1,681	122
-	10	291	291	291	291	291
-	463	420	65	4	123	518
-	2,716	2,519	1,314	37	1,546	5,471
-	741	3,101	3,075	3,076	2,916	189
-	363	2,613	1,959	520	3,365	4,174

-	-	-	-	-	-	-
-	348	6,610	8,877	9,478	7,051	5,811
-	70	242	242	242	242	242
-	35	1,158	2,185	1,158	359	359
-	-	-	461	1,088	461	-
-	-	143	143	143	143	143
-	-	79	79	79	79	79
-	104	46	46	46	46	46
-	139	13	792	1,793	792	13
-	-	4,929	4,929	4,929	4,929	4,929
-	-	-	-	-	-	-
-	9,349	3,030	3,030	2,727	16,662	34,431
-	-	209	209	209	3,032	3,032
-	4,002	410	410	410	410	18,179
-	2,736	-	-	-	-	-
-	-	299	299	299	299	299
-	303	341	341	38	637	637
-	-	7	7	7	7,619	7,619
-	2,308	7	7	7	7	7
-	-	1,757	1,757	1,757	4,658	4,658
-	-	-	-	-	-	-
-	3,480	40,509	50,781	56,794	40,509	40,509
-	696	1,164	1,164	1,164	1,164	1,164
-	348	2,152	12,424	2,152	2,152	2,152
-	-	-	-	6,270	-	-
-	-	420	420	420	420	420
-	-	231	231	231	231	231
-	1,044	227	227	227	227	227
-	1,392	76	76	10,091	76	76
-	-	36,239	36,239	36,239	36,239	36,239
-	-	-	-	-	-	-
-	413,307	791,033	880,715	872,608	973,141	797,343
-	389,768	642,474	705,075	692,079	806,905	616,415
-	3,480	86,458	102,441	105,206	91,428	79,894
-	6,882	11,952	10,511	6,324	10,586	20,283
-	348	6,610	8,877	9,478	7,051	5,811
-	9,349	3,030	3,030	2,727	16,662	34,431
-	3,480	40,509	50,781	56,794	40,509	40,509

1,935	1,935	1,935	1,935	1,935	1,935	1,935
25	25	25	25	25	25	25
9,901	9,901	9,901	9,901	9,901	9,901	9,901
1,259	1,259	1,259	1,259	1,259	1,259	1,259
30,627	30,688	30,751	30,298	31,650	33,742	33,839
3,469	3,482	3,496	3,451	3,679	4,133	4,156
5,656	5,672	5,688	5,604	6,007	6,518	6,546
899	909	919	919	691	963	973
1,262	1,262	1,263	1,242	1,317	1,335	1,336
872	872	872	857	899	906	907
4,463	4,469	4,475	4,410	4,677	4,911	4,921
1,147	1,154	1,162	1,147	1,023	1,222	1,230
10,753	10,760	10,767	10,596	11,191	11,499	11,512
2,106	2,108	2,109	2,072	2,166	2,255	2,258

354,306	282,295	244,840	225,434	169,875	171,965	84,359
76,484	15,330	739	623	119	119	119
217,155	210,029	189,200	171,288	118,197	118,195	30,492
4,120	1,080	361	361	361	361	361
8,881	8,129	6,750	5,825	2,509	2,509	2,509
17,039	17,039	17,039	17,039	17,039	17,039	17,039
30,627	30,688	30,751	30,298	31,650	33,742	33,839

587,979	567,359	571,719	561,851	564,588	567,337	46,106
77,542	72,541	73,267	72,658	73,123	73,591	5,331
157,241	159,248	161,258	161,229	162,585	163,946	10,007
3,641	3,644	3,644	2,823	2,825	2,825	2,825
17,465	17,642	17,822	17,503	17,608	17,710	1,304
21,240	20,486	20,631	20,462	20,528	20,586	438
131,889	118,542	119,141	118,137	118,489	118,841	6,489
5,904	5,894	5,897	4,131	4,121	4,124	3,555
173,057	169,362	170,059	164,908	165,309	165,714	16,157
-	-	-	-	-	-	-

80,922	89,955	83,535	8,940	9,251	6,256	69
11,125	11,640	11,104	219	220	221	16
20,702	27,371	20,707	400	402	403	15
6	6	6	4,813	5,433	4,813	5
75	76	77	75	76	76	6
3,143	3,456	3,134	78	79	79	2
45,860	47,395	45,802	338	339	340	19
11	11	2,705	3,017	2,702	7	6
-	-	-	-	-	317	-
-	-	-	-	-	-	-

16,455	13,669	13,669	13,579	13,579	13,579	1,202
2,248	1,683	1,683	1,683	1,683	1,683	123
3,653	3,653	3,653	3,653	3,653	3,653	247
122	122	122	95	95	95	95
262	262	262	262	262	262	27
515	396	396	396	396	396	9
5,470	3,948	3,948	3,948	3,948	3,948	193
189	189	189	126	126	126	126
3,996	3,416	3,416	3,416	3,416	3,416	382

-	-	-	-	-	-	-
9,601	12,203	9,870	1,095	1,820	934	454
1,384	1,384	1,384	-	-	-	-
2,023	4,625	2,023	-	-	-	-
-	-	-	480	1,097	480	-
-	-	-	-	-	-	-
393	393	393	-	-	-	-
5,801	5,801	5,801	-	-	-	-
-	-	269	615	269	-	-
-	-	-	-	454	454	454
-	-	-	-	-	-	-
14,351	416	416	416	416	416	416
2,871	48	48	48	48	48	48
119	119	119	119	119	119	119
14	14	14	14	14	14	14
7	7	7	7	7	7	7
612	14	14	14	14	14	14
7,726	114	114	114	114	114	114
12	12	12	12	12	12	12
2,990	88	88	88	88	88	88
-	-	-	-	-	-	-
77,192	103,208	77,192	57,916	65,174	59,002	59,002
7,045	7,045	7,045	2,893	2,893	2,893	2,893
5,444	31,460	5,444	5,444	5,444	5,444	5,444
801	801	801	801	6,973	801	801
1,224	1,224	1,224	1,224	1,224	1,224	1,224
2,104	2,104	2,104	926	926	926	926
21,580	21,580	21,580	4,177	4,177	4,177	4,177
1,066	1,066	1,066	4,523	1,066	1,066	1,066
37,928	37,928	37,928	37,928	42,471	42,471	42,471
-	-	-	-	-	-	-
786,500	786,810	756,401	643,797	654,828	647,524	107,249
587,979	567,359	571,719	561,851	564,588	567,337	46,106
80,922	89,955	83,535	8,940	9,251	6,256	69
16,455	13,669	13,669	13,579	13,579	13,579	1,202
9,601	12,203	9,870	1,095	1,820	934	454
14,351	416	416	416	416	416	416
77,192	103,208	77,192	57,916	65,174	59,002	59,002

1,935	1,935	1,935	1,935	1,935	1,935	1,935
25	25	25	25	25	25	25
9,901	9,901	9,901	9,901	9,901	9,901	9,901
1,259	1,259	1,259	1,259	1,259	1,259	1,259
33,610	32,600	32,556	34,650	34,748	34,518	33,023
4,180	4,070	3,815	4,269	4,293	4,316	4,139
6,574	6,381	6,237	6,749	6,777	6,805	6,505
983	969	741	1,013	1,023	1,033	1,003
1,337	1,294	1,348	1,367	1,368	1,369	1,306
907	876	910	917	918	918	876
4,931	4,781	4,803	5,036	5,047	5,057	4,837
1,237	1,197	1,073	1,272	1,280	1,287	1,225
11,200	10,848	11,442	11,751	11,763	11,452	10,948
2,261	2,184	2,187	2,276	2,279	2,281	2,184
83,593	67,817	63,903	65,996	66,094	65,864	54,526
119	35	35	35	35	35	8
29,955	15,920	12,403	12,402	12,402	12,402	3,019
361	361	361	361	361	361	361
2,509	1,862	1,509	1,509	1,509	1,509	1,076
17,039	17,039	17,039	17,039	17,039	17,039	17,039
33,610	32,600	32,556	34,650	34,748	34,518	33,023

46,093	21,755	21,742	21,752	21,741	21,746	4,647
5,328	2,693	2,690	2,690	2,693	2,690	505
10,001	5,398	5,394	5,395	5,391	5,392	2,507
2,825	1,912	1,915	1,912	1,915	1,912	1,015
1,304	471	474	471	471	471	-
441	-	-	-	-	-	-
6,487	2,881	2,881	2,881	2,881	2,878	-
3,545	1,957	1,950	1,960	1,947	1,960	620
16,162	6,443	6,438	6,443	6,443	6,443	-
-	-	-	-	-	-	-
69	25	25	1,806	2,119	2,123	5
16	8	8	1,789	2,102	1,789	2
15	-	-	-	-	-	-
5	3	3	3	3	3	2
6	2	2	2	2	2	-
2	-	-	-	-	-	-
19	8	8	8	8	8	-
6	4	4	4	4	4	1
-	-	-	-	-	317	-
-	-	-	-	-	-	-
1,202	577	576	577	576	577	130
123	62	62	62	62	62	12
247	133	133	133	133	133	62
95	64	64	64	64	64	34
27	10	10	10	10	10	-
9	-	-	-	-	-	-
193	86	86	86	86	86	-
126	70	69	70	69	70	22
382	152	152	152	152	152	-

-	-	-	-	-	-	-
-	-	-	236	300	300	64
-	-	-	236	236	236	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	64	64	64
-	-	-	-	-	-	-
416	416	416	416	416	416	416
48	48	48	48	48	48	48
119	119	119	119	119	119	119
14	14	14	14	14	14	14
7	7	7	7	7	7	7
14	14	14	14	14	14	14
114	114	114	114	114	114	114
12	12	12	12	12	12	12
88	88	88	88	88	88	88
-	-	-	-	-	-	-
54,459	54,459	54,459	55,166	55,802	55,802	55,095
2,893	2,893	2,893	3,600	3,600	3,600	2,893
5,444	5,444	5,444	5,444	5,444	5,444	5,444
801	801	801	801	801	801	801
1,224	1,224	1,224	1,224	1,224	1,224	1,224
926	926	926	926	926	926	926
4,177	4,177	4,177	4,177	4,177	4,177	4,177
1,066	1,066	1,066	1,066	1,066	1,066	1,066
37,928	37,928	37,928	37,928	38,564	38,564	38,564
-	-	-	-	-	-	-
102,239	77,232	77,218	79,953	80,954	80,964	60,357
46,093	21,755	21,742	21,752	21,741	21,746	4,647
69	25	25	1,806	2,119	2,123	5
1,202	577	576	577	576	577	130
-	-	-	236	300	300	64
416	416	416	416	416	416	416
54,459	54,459	54,459	55,166	55,802	55,802	55,095

1,935	1,935	1,935	1,935	1,935	1,935	1,935
25	25	25	25	25	25	25
9,901	9,901	9,901	9,901	9,901	9,901	9,901
1,259	1,259	1,259	1,259	1,259	1,259	1,259
32,979	35,074	35,170	34,940	33,121	33,076	35,171
3,884	4,338	4,362	4,385	4,152	3,897	4,351
6,362	6,874	6,902	6,930	6,563	6,419	6,931
774	1,047	1,057	1,067	1,021	792	1,065
1,360	1,379	1,379	1,380	1,306	1,360	1,379
910	917	918	918	876	910	917
4,859	5,092	5,103	5,113	4,837	4,859	5,092
1,101	1,300	1,307	1,314	1,234	1,110	1,309
11,542	11,851	11,863	11,552	10,948	11,542	11,851
2,187	2,276	2,279	2,281	2,184	2,187	2,276
54,482	56,577	56,673	56,443	51,631	51,586	53,681
8	8	8	8	-	-	-
3,019	3,019	3,019	3,019	167	167	167
361	361	361	361	361	361	361
1,076	1,076	1,076	1,076	943	943	943
17,039	17,039	17,039	17,039	17,039	17,039	17,039
32,979	35,074	35,170	34,940	33,121	33,076	35,171

4,642	4,644	4,632	4,204	287	287	287
505	508	505	505	-	-	-
2,504	2,501	2,504	2,504	106	106	106
1,015	1,015	1,015	1,015	181	181	181
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
618	620	608	180	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
5	5	5	4	-	-	-
2	2	2	2	-	-	-
-	-	-	-	-	-	-
2	2	2	2	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
1	1	1	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
130	130	130	108	9	9	9
12	12	12	12	-	-	-
62	62	62	62	3	3	3
34	34	34	34	6	6	6
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
22	22	22	-	-	-	-
-	-	-	-	-	-	-

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

Premissas Operacionais

Ano do Contrato de Concessão		0	1
Tabela 3 - Distribuição da Economias por Categoria			
1	Belford Roxo		
	Tarifa Social		0.04%
	Residencial sem Tarifa Social		88.96%
	Não Residencial		11.00%
2	Duque de Caxias		
	Tarifa Social		0.31%
	Residencial sem Tarifa Social		93.69%
	Não Residencial		6.00%
3	Japeri		
	Tarifa Social		0.00%
	Residencial sem Tarifa Social		79.00%
	Não Residencial		21.00%
4	Mesquita		
	Tarifa Social		0.01%
	Residencial sem Tarifa Social		90.99%
	Não Residencial		9.00%
5	Nilopolis		
	Tarifa Social		0.02%
	Residencial sem Tarifa Social		93.98%
	Não Residencial		6.00%
6	Novo Iguaçu		
	Tarifa Social		0.00%
	Residencial sem Tarifa Social		86.00%
	Não Residencial		14.00%
7	Queimados		
	Tarifa Social		1.08%
	Residencial sem Tarifa Social		83.92%
	Não Residencial		15.00%
8	Rio de Janeiro - AP 1, 2.2 e 3		
	Tarifa Social		1.77%
	Residencial sem Tarifa Social		78.23%
	Não Residencial		20.00%
9	Sao Joao de Meriti		
	Tarifa Social		0.10%
	Residencial sem Tarifa Social		94.90%
	Não Residencial		5.00%
Tabela 4 - Índice de Atendimento - Água			
1	Belford Roxo	78%	78%
2	Duque de Caxias	84%	84%
3	Japeri	72%	72%

4	Mesquita	96%	96%
5	Nilopolis	97%	97%
6	Novo Iguacu	90%	90%
7	Queimados	84%	84%
8	Rio de Janeiro - AP 1, 2.2 e 3	95%	95%
9	Sao Joao de Meriti	92%	92%

Tabela 5 - Economias - Água

1	Belford Roxo	141,016	143,205
2	Duque de Caxias	284,632	289,292
3	Japeri	26,261	26,755
4	Mesquita	61,513	62,288
5	Nilopolis	57,925	58,510
6	Novo Iguacu	267,010	270,545
7	Queimados	46,565	47,451
8	Rio de Janeiro - AP 1, 2.2 e 3	877,464	887,956
9	Sao Joao de Meriti	159,074	160,623
	TOTAL	1,921,461	1,946,626

Tabela 6 - Relação Economias/Ligações

1	Belford Roxo	1.27	1.27
2	Duque de Caxias	1.51	1.51
3	Japeri	1.16	1.16
4	Mesquita	1.33	1.33
5	Nilopolis	1.78	1.78
6	Novo Iguacu	1.70	1.70
7	Queimados	1.36	1.36
8	Rio de Janeiro - AP 1, 2.2 e 3	2.25	2.25
9	Sao Joao de Meriti	2.09	2.09

Tabela 7 - Ligações - Água

1	Belford Roxo	111,037	112,760
2	Duque de Caxias	188,498	191,584
3	Japeri	22,639	23,065
4	Mesquita	46,250	46,833
5	Nilopolis	32,542	32,871
6	Novo Iguacu	157,065	159,144
7	Queimados	34,239	34,890
8	Rio de Janeiro - AP 1, 2.2 e 3	389,984	394,647
9	Sao Joao de Meriti	76,112	76,853
	TOTAL	1,058,366	1,072,648

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

1	Belford Roxo	13,723,105
	Tarifa Social	5,507
	Residencial	12,209,247
	Comercial	871,283
	Industrial	182,019
	Pública	455,048
2	Duque de Caxias	24,729,009
	Tarifa Social	77,503
	Residencial	23,167,766
	Comercial	1,056,772
	Industrial	41,678

	Pública	385,291
3	Japeri	1,104,800
	Tarifa Social	-
	Residencial	872,792
	Comercial	116,629
	Industrial	47,356
	Pública	68,024
4	Mesquita	7,976,052
	Tarifa Social	803
	Residencial	7,258,089
	Comercial	497,652
	Industrial	6,014
	Pública	213,494
5	Nilópolis	11,626,778
	Tarifa Social	2,422
	Residencial	10,926,749
	Comercial	503,192
	Industrial	16,440
	Pública	177,975
6	Novo Iguacu	31,569,911
	Tarifa Social	-
	Residencial	27,147,355
	Comercial	3,370,026
	Industrial	222,093
	Pública	830,436
7	Queimados	4,032,977
	Tarifa Social	43,575
	Residencial	3,384,455
	Comercial	273,727
	Industrial	186,216
	Pública	145,004
8	Rio de Janeiro - AP 1, 2.2 e 3	213,513,321
	Tarifa Social	3,784,579
	Residencial	167,026,078
	Comercial	28,476,030
	Industrial	3,004,665
	Pública	11,221,969
9	Sao Joao de Meriti	23,437,149
	Tarifa Social	22,707
	Residencial	22,242,585
	Comercial	944,467
	Industrial	13,963
	Pública	213,428
	TOTAL	331,713,101
	Tarifa Social	3,937,095
	Residencial	274,235,116
	Comercial	36,109,778
	Industrial	3,720,443
	Pública	13,710,669

Tabela 9 - Índice de Perdas

1	Belford Roxo	46.00%
2	Duque de Caxias	39.00%
3	Japeri	53.00%
4	Mesquita	48.00%
5	Nilopolis	38.00%
6	Novo Iguacu	43.00%
7	Queimados	38.00%
8	Rio de Janeiro - AP 1, 2.2 e 3	35.00%
9	Sao Joao de Meriti	42.00%

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

1	Belford Roxo	46,905,136
2	Duque de Caxias	80,840,173
3	Japeri	12,526,072
4	Mesquita	33,857,402
5	Nilopolis	17,294,032
6	Novo Iguacu	82,066,014
7	Queimados	15,087,830
8	Rio de Janeiro - AP 1, 2.2 e 3	501,040,456
9	Sao Joao de Meriti	44,279,518
	TOTAL	833,896,634

Tabela 11 - Índice de Atendimento - Esgoto

1	Belford Roxo	39%	39%
2	Duque de Caxias	43%	43%
3	Japeri	0%	0%
4	Mesquita	48%	48%
5	Nilopolis	33%	33%
6	Novo Iguacu	45%	45%
7	Queimados	42%	42%
8	Rio de Janeiro - AP 1, 2.2 e 3	75%	75%
9	Sao Joao de Meriti	0%	0%

Tabela 12 - Economias - Esgoto

1	Belford Roxo	70,508	71,603
2	Duque de Caxias	54,248	54,785
3	Japeri	-	-
4	Mesquita	30,852	31,241
5	Nilopolis	12,817	12,946
6	Novo Iguacu	135,139	136,928
7	Queimados	23,366	23,810
8	Rio de Janeiro - AP 1, 2.2 e 3	692,734	701,018
9	Sao Joao de Meriti	-	-
	TOTAL	1,019,664	1,032,332

Tabela 13 - Ligações - Esgoto

1	Belford Roxo	55,518	56,380
2	Duque de Caxias	35,926	36,282
3	Japeri	-	-
4	Mesquita	23,197	23,490
5	Nilopolis	7,200	7,273
6	Novo Iguacu	79,494	80,546
7	Queimados	17,181	17,507
8	Rio de Janeiro - AP 1, 2.2 e 3	307,882	311,564

9	Sao Joao de Meriti	-	-
	TOTAL	526,398	533,042

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

1	Belford Roxo	6,861,552
	Tarifa Social	2,754
	Residencial	6,104,624
	Comercial	435,642
	Industrial	91,010
	Pública	227,524
2	Duque de Caxias	4,714,143
	Tarifa Social	14,774
	Residencial	4,416,520
	Comercial	201,455
	Industrial	7,945
	Pública	73,449
3	Japeri	-
	Tarifa Social	-
	Residencial	-
	Comercial	-
	Industrial	-
	Pública	-
4	Mesquita	4,000,447
	Tarifa Social	403
	Residencial	3,640,347
	Comercial	249,601
	Industrial	3,016
	Pública	107,080
5	Nilopolis	2,547,874
	Tarifa Social	531
	Residencial	2,394,471
	Comercial	110,269
	Industrial	3,603
	Pública	39,001
6	Novo Iguacu	15,978,092
	Tarifa Social	-
	Residencial	13,739,758
	Comercial	1,705,630
	Industrial	112,405
	Pública	420,298
7	Queimados	2,023,694
	Tarifa Social	21,865
	Residencial	1,698,274
	Comercial	137,352
	Industrial	93,441
	Pública	72,761
8	Rio de Janeiro - AP 1, 2.2 e 3	168,563,195
	Tarifa Social	2,987,826
	Residencial	131,862,730
	Comercial	22,481,083
	Industrial	2,372,105

	Pública	8,859,452
9	Sao Joao de Meriti	-
	Tarifa Social	-
	Residencial	-
	Comercial	-
	Industrial	-
	Pública	-
	TOTAL	204,688,996
	Tarifa Social	3,028,153
	Residencial	163,856,723
	Comercial	25,321,031
	Industrial	2,683,524
	Pública	9,799,565

gotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 4

2	3	4	5	6	7
0.75%	1.46%	2.17%	2.87%	3.58%	4.29%
88.25%	87.54%	86.83%	86.13%	85.42%	84.71%
11.00%	11.00%	11.00%	11.00%	11.00%	11.00%
0.98%	1.65%	2.32%	2.99%	3.66%	4.33%
93.02%	92.35%	91.68%	91.01%	90.34%	89.67%
6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
0.71%	1.43%	2.14%	2.86%	3.57%	4.29%
78.29%	77.57%	76.86%	76.14%	75.43%	74.71%
21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
0.72%	1.44%	2.15%	2.86%	3.57%	4.29%
90.28%	89.56%	88.85%	88.14%	87.43%	86.71%
9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
0.73%	1.44%	2.15%	2.87%	3.58%	4.29%
93.27%	92.56%	91.85%	91.13%	90.42%	89.71%
6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
0.71%	1.43%	2.14%	2.86%	3.57%	4.29%
85.29%	84.57%	83.86%	83.14%	82.43%	81.71%
14.00%	14.00%	14.00%	14.00%	14.00%	14.00%
1.64%	2.20%	2.76%	3.32%	3.88%	4.44%
83.36%	82.80%	82.24%	81.68%	81.12%	80.56%
15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
2.23%	2.69%	3.16%	3.62%	4.08%	4.54%
77.77%	77.31%	76.84%	76.38%	75.92%	75.46%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
0.80%	1.50%	2.20%	2.90%	3.60%	4.30%
94.20%	93.50%	92.80%	92.10%	91.40%	90.70%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
80%	82%	85%	87%	89%	92%
85%	87%	89%	90%	92%	94%
79%	86%	92%	99%	99%	99%

97%	97%	97%	98%	98%	98%
98%	98%	98%	98%	98%	98%
91%	92%	93%	94%	95%	96%
88%	92%	95%	99%	99%	99%
96%	96%	97%	97%	98%	98%
92%	93%	94%	95%	96%	97%

149,849	156,628	163,540	170,004	176,571	183,239
299,922	310,741	321,750	331,762	341,918	352,220
29,753	32,840	36,019	39,203	39,793	40,383
63,260	64,236	65,217	65,986	66,759	67,535
59,204	59,899	60,597	61,078	61,559	62,043
277,163	283,860	290,637	296,533	302,488	308,502
50,477	53,581	56,764	59,793	60,601	61,410
903,852	919,877	936,025	949,129	962,321	975,602
163,627	166,659	169,719	172,155	174,608	177,077
1,997,107	2,048,322	2,100,269	2,145,643	2,186,619	2,228,012

1.27	1.27	1.27	1.27	1.27	1.27
1.51	1.51	1.51	1.51	1.51	1.51
1.16	1.16	1.16	1.16	1.16	1.16
1.33	1.33	1.33	1.33	1.33	1.33
1.78	1.78	1.78	1.78	1.78	1.78
1.70	1.70	1.70	1.70	1.70	1.70
1.36	1.36	1.36	1.36	1.36	1.36
2.25	2.25	2.25	2.25	2.25	2.25
2.09	2.09	2.09	2.09	2.09	2.09

117,992	123,329	128,772	133,862	139,032	144,283
198,624	205,789	213,080	219,710	226,436	233,258
25,649	28,311	31,051	33,796	34,304	34,813
47,564	48,298	49,036	49,614	50,195	50,778
33,261	33,651	34,043	34,313	34,584	34,855
163,037	166,977	170,963	174,431	177,934	181,472
37,115	39,398	41,738	43,965	44,560	45,155
401,712	408,834	416,011	421,835	427,698	433,601
78,291	79,741	81,205	82,371	83,544	84,726
1,103,243	1,134,328	1,165,899	1,193,897	1,218,288	1,242,941

13,806,718	18,151,795	22,798,891	27,128,302	31,528,173	35,396,550
103,378	264,540	493,823	779,836	1,129,731	1,519,172
12,185,800	15,892,133	19,799,168	23,366,708	26,933,080	29,986,830
876,592	1,152,462	1,447,507	1,722,382	2,001,731	2,247,335
183,128	240,760	302,398	359,822	418,180	469,489
457,821	601,900	755,994	899,554	1,045,451	1,173,723
24,912,881	32,569,600	40,915,095	48,242,811	55,862,006	62,886,301
244,874	538,191	950,027	1,443,165	2,045,093	2,723,283
23,173,234	30,077,233	37,510,163	43,905,078	50,465,192	56,389,840
1,064,629	1,391,832	1,748,469	2,061,612	2,387,212	2,687,388
41,988	54,893	68,958	81,308	94,149	105,988

388,156	507,451	637,479	751,648	870,359	979,802
1,115,278	2,839,797	4,804,314	6,877,250	8,890,688	10,281,343
7,966	40,569	102,950	196,493	317,525	440,629
873,104	2,202,871	3,692,458	5,236,535	6,706,119	7,681,632
117,735	299,784	507,169	725,999	938,549	1,085,354
47,805	121,723	205,929	294,783	381,085	440,694
68,669	174,850	295,807	423,441	547,411	633,035
8,007,241	10,945,772	13,407,239	15,455,301	16,764,957	17,869,749
57,891	157,170	288,096	442,288	599,287	766,175
7,229,386	9,804,421	11,913,642	13,623,361	14,658,262	15,496,829
499,598	682,943	836,522	964,307	1,046,021	1,114,953
6,037	8,253	10,109	11,653	12,641	13,474
214,329	292,985	358,871	413,691	448,746	478,318
11,650,200	11,822,767	11,768,190	11,737,459	11,780,229	11,602,434
85,296	170,656	253,576	336,404	421,424	497,592
10,865,892	10,942,745	10,808,522	10,696,807	10,651,991	10,408,695
504,205	511,674	509,312	507,982	509,833	502,138
16,473	16,717	16,639	16,596	16,656	16,405
178,334	180,976	180,140	179,670	180,324	177,603
31,700,277	37,594,956	44,117,855	49,557,995	54,957,849	59,791,198
226,407	537,016	945,286	1,415,798	1,962,580	2,562,219
27,033,051	31,791,350	36,992,201	41,199,732	45,296,351	48,852,969
3,383,942	4,013,188	4,709,494	5,290,219	5,866,642	6,382,593
223,011	264,479	310,368	348,639	386,627	420,629
833,865	988,923	1,160,506	1,303,607	1,445,648	1,572,788
4,068,440	5,905,143	7,621,303	9,391,872	11,281,073	12,558,694
66,739	129,933	210,368	311,829	437,721	557,614
3,391,436	4,889,439	6,267,739	7,671,262	9,151,191	10,117,275
276,134	400,795	517,274	637,447	765,671	852,386
187,853	272,660	351,900	433,653	520,884	579,876
146,279	212,317	274,021	337,681	405,606	451,543
214,797,312	228,009,244	241,155,762	255,168,715	265,788,110	274,071,685
4,797,699	6,144,077	7,610,222	9,228,934	10,838,479	12,439,928
167,040,151	176,263,318	185,314,387	194,906,038	201,792,009	206,817,420
28,647,275	30,409,335	32,162,672	34,031,563	35,447,860	36,552,631
3,022,734	3,208,659	3,393,663	3,590,860	3,740,302	3,856,872
11,289,454	11,983,855	12,674,818	13,411,319	13,969,460	14,404,834
23,477,039	25,107,023	26,842,715	28,591,001	29,694,672	31,151,734
187,189	376,047	590,062	828,757	1,068,744	1,339,386
22,115,998	23,475,625	24,910,517	26,332,694	27,141,194	28,254,762
946,075	1,011,760	1,081,704	1,152,157	1,196,632	1,255,349
13,986	14,957	15,991	17,033	17,690	18,558
213,791	228,634	244,440	260,361	270,411	283,680
333,535,387	372,946,098	413,431,364	452,150,707	486,547,757	515,609,687
5,777,439	8,358,197	11,444,411	14,983,504	18,820,583	22,845,999
273,908,050	305,339,136	337,208,797	366,938,216	392,795,390	414,006,251
36,316,185	39,873,772	43,520,123	47,093,668	50,160,151	52,680,126
3,743,015	4,203,101	4,675,956	5,154,347	5,588,215	5,921,986
13,790,698	15,171,890	16,582,076	17,980,972	19,183,417	20,155,325

46.00%	44.00%	41.00%	39.00%	37.00%	34.00%
39.00%	37.00%	36.00%	34.00%	33.00%	31.00%
53.00%	50.00%	47.00%	44.00%	41.00%	38.00%
48.00%	46.00%	43.00%	41.00%	38.00%	35.00%
38.00%	36.00%	35.00%	34.00%	32.00%	31.00%
43.00%	41.00%	39.00%	37.00%	35.00%	33.00%
38.00%	36.00%	35.00%	33.00%	32.00%	31.00%
35.00%	34.00%	33.00%	32.00%	31.00%	29.00%
40.00%	37.00%	35.00%	33.00%	31.00%	29.00%

47,190,926	46,547,603	45,524,837	44,937,388	43,964,373	42,650,605
81,441,258	79,925,399	79,200,727	77,498,492	76,023,416	74,421,658
12,644,879	13,056,540	13,362,019	13,564,595	13,638,117	12,693,016
33,989,796	31,592,506	28,950,670	26,633,510	24,069,103	21,662,343
17,328,871	16,572,423	15,849,414	15,205,932	14,457,816	13,730,691
82,404,900	80,143,104	78,284,573	76,001,446	74,009,758	71,598,925
15,220,503	15,322,116	15,396,572	15,407,877	15,436,608	14,862,359
501,614,269	489,634,512	478,224,550	465,906,824	453,441,355	438,187,265
43,800,446	42,200,224	40,670,780	39,357,149	37,786,691	36,434,777
835,635,848	814,994,427	795,464,140	774,513,214	752,827,237	726,241,639

39%	39%	39%	39%	46%	53%
44%	44%	44%	44%	51%	57%
23%	45%	68%	90%	90%	90%
48%	48%	48%	48%	54%	60%
33%	33%	33%	33%	41%	49%
47%	48%	48%	48%	54%	60%
54%	66%	78%	90%	90%	90%
75%	75%	75%	75%	77%	79%
0%	0%	0%	0%	0%	0%

72,697	73,792	74,886	75,721	90,988	106,570
56,091	57,412	57,964	58,317	97,969	138,614
8,468	17,244	26,327	35,639	36,176	36,712
31,630	32,019	32,407	32,689	37,036	41,453
13,076	13,205	13,335	13,416	19,622	25,902
142,375	147,917	149,801	151,195	171,748	192,651
31,122	38,686	46,502	54,357	55,092	55,828
709,302	717,585	725,869	731,707	758,618	785,862
-	-	-	-	-	-
1,064,761	1,097,860	1,127,092	1,153,042	1,267,250	1,383,593

57,242	58,104	58,965	59,623	71,644	83,913
37,146	38,021	38,387	38,621	64,880	91,798
7,300	14,866	22,696	30,723	31,186	31,648
23,782	24,074	24,366	24,578	27,847	31,168
7,346	7,419	7,492	7,537	11,024	14,552
83,750	87,010	88,118	88,938	101,028	113,324
22,884	28,446	34,193	39,968	40,509	41,050
315,245	318,927	322,608	325,203	337,164	349,272

-	-	-	-	-	-
554,695	576,867	596,825	615,191	685,282	756,725
6,903,342	8,594,726	10,519,548	12,223,460	13,835,458	16,416,093
51,689	125,257	227,853	351,378	495,758	704,557
6,092,885	7,524,795	9,135,457	10,528,562	11,819,000	13,907,191
438,295	545,681	667,889	776,070	878,416	1,042,262
91,564	113,998	139,528	162,128	183,509	217,738
228,910	284,995	348,820	405,321	458,774	544,346
4,719,473	5,946,858	7,404,913	8,552,010	9,675,740	16,218,419
46,389	98,268	171,938	255,830	354,226	702,336
4,389,916	5,491,778	6,788,680	7,783,060	8,740,970	14,542,977
201,682	254,134	316,442	365,462	413,484	693,079
7,954	10,023	12,480	14,414	16,307	27,334
73,532	92,655	115,372	133,245	150,753	252,691
-	760,909	2,426,053	4,887,519	7,914,888	8,412,067
-	10,870	51,987	139,643	282,675	360,517
-	590,248	1,864,595	3,721,496	5,970,087	6,285,016
-	80,326	256,107	515,953	835,538	888,023
-	32,615	103,989	209,496	339,259	360,570
-	46,850	149,375	300,930	487,329	517,941
4,016,087	5,302,618	6,524,269	7,532,669	8,179,538	8,922,322
29,035	76,140	140,194	215,564	292,389	382,550
3,625,948	4,749,698	5,797,451	6,639,811	7,151,692	7,737,529
250,577	330,848	407,071	469,988	510,349	556,693
3,028	3,998	4,919	5,680	6,167	6,727
107,498	141,935	174,635	201,626	218,941	238,823
2,552,660	2,573,569	2,559,917	2,474,374	2,376,405	3,308,143
18,689	37,148	55,160	70,917	85,013	141,876
2,380,811	2,382,006	2,351,162	2,254,994	2,148,808	2,967,779
110,476	111,381	110,790	107,088	102,848	143,172
3,609	3,639	3,620	3,499	3,360	4,677
39,075	39,395	39,186	37,876	36,377	50,639
16,044,065	18,984,779	22,628,230	25,224,043	27,710,339	30,553,615
114,589	271,183	484,841	720,613	989,554	1,309,307
13,681,900	16,054,062	18,973,453	20,969,852	22,838,907	24,964,123
1,712,672	2,026,588	2,415,519	2,692,617	2,958,024	3,261,538
112,870	133,557	159,189	177,450	194,941	214,944
422,034	499,388	595,228	663,510	728,911	803,703
2,041,487	3,532,494	5,383,447	7,556,869	10,090,477	10,275,251
33,489	77,727	148,598	250,903	391,524	456,228
1,701,775	2,924,894	4,427,332	6,172,436	8,185,381	8,277,735
138,560	239,758	365,386	512,901	684,862	697,403
94,262	163,107	248,571	348,925	465,910	474,442
73,401	127,009	193,560	271,704	362,799	369,442
169,576,795	177,499,521	186,729,478	196,304,243	196,183,448	194,450,813
3,787,656	4,783,011	5,892,676	7,099,926	8,000,095	8,825,991
131,873,780	137,216,606	143,490,906	149,943,469	148,946,664	146,734,659
22,616,266	23,672,911	24,903,900	26,180,875	26,164,765	25,933,685
2,386,369	2,497,861	2,627,750	2,762,490	2,760,791	2,736,408

8,912,725	9,329,133	9,814,247	10,317,483	10,311,134	10,220,069
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
205,853,909	223,195,475	244,175,855	264,755,187	275,966,294	288,556,723
4,081,536	5,479,605	7,173,248	9,104,775	10,891,234	12,883,362
163,747,015	176,934,087	192,829,036	208,013,680	215,801,510	225,417,009
25,468,528	27,261,625	29,443,103	31,620,954	32,548,286	33,215,856
2,699,656	2,958,798	3,300,046	3,684,082	3,970,246	4,042,841
9,857,174	10,561,360	11,430,422	12,331,696	12,755,018	12,997,655



8	9	10	11	12	13
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
84.00%	84.00%	84.00%	84.00%	84.00%	84.00%
11.00%	11.00%	11.00%	11.00%	11.00%	11.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
74.00%	74.00%	74.00%	74.00%	74.00%	74.00%
21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
86.00%	86.00%	86.00%	86.00%	86.00%	86.00%
9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
89.00%	89.00%	89.00%	89.00%	89.00%	89.00%
6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
81.00%	81.00%	81.00%	81.00%	81.00%	81.00%
14.00%	14.00%	14.00%	14.00%	14.00%	14.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

94%	97%	99%	99%	99%	99%
96%	97%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%

98%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
97%	98%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
99%	99%	99%	99%	99%	99%
97%	98%	99%	99%	99%	99%

190,010	196,884	203,099	204,469	205,839	207,210
362,666	373,256	382,530	385,282	388,034	390,786
40,974	41,564	42,022	42,480	42,938	43,396
68,315	69,098	69,640	69,972	70,304	70,637
62,527	63,013	63,278	63,430	63,582	63,733
314,575	320,706	325,708	327,401	329,094	330,787
62,219	63,028	63,568	64,107	64,646	65,186
988,972	996,679	1,001,154	1,005,630	1,010,105	1,014,581
179,563	182,065	183,930	184,270	184,610	184,951
2,269,820	2,306,292	2,334,929	2,347,041	2,359,153	2,371,265

1.27	1.27	1.27	1.27	1.27	1.27
1.51	1.51	1.51	1.51	1.51	1.51
1.16	1.16	1.16	1.16	1.16	1.16
1.33	1.33	1.33	1.33	1.33	1.33
1.78	1.78	1.78	1.78	1.78	1.78
1.70	1.70	1.70	1.70	1.70	1.70
1.36	1.36	1.36	1.36	1.36	1.36
2.25	2.25	2.25	2.25	2.25	2.25
2.09	2.09	2.09	2.09	2.09	2.09

149,614	155,027	159,921	160,999	162,078	163,157
240,176	247,190	253,331	255,154	256,976	258,799
35,322	35,831	36,226	36,620	37,015	37,410
51,364	51,953	52,361	52,611	52,860	53,110
35,128	35,400	35,549	35,635	35,720	35,805
185,044	188,651	191,593	192,589	193,585	194,581
45,749	46,344	46,741	47,137	47,534	47,931
439,543	442,968	444,957	446,947	448,936	450,925
85,915	87,112	88,005	88,168	88,330	88,493
1,267,856	1,290,476	1,308,684	1,315,860	1,323,035	1,330,211

34,877,329	34,476,296	33,783,161	32,935,372	33,008,693	33,082,076
1,744,037	1,723,983	1,689,323	1,646,929	1,650,596	1,654,265
29,299,814	28,962,913	28,380,623	27,668,411	27,730,006	27,791,654
2,214,370	2,188,908	2,144,901	2,091,074	2,095,730	2,100,389
462,603	457,283	448,090	436,845	437,818	438,791
1,156,506	1,143,209	1,120,225	1,092,113	1,094,544	1,096,977
61,189,334	60,048,116	59,176,159	57,707,019	57,888,385	58,069,694
3,059,467	3,002,406	2,958,808	2,885,351	2,894,419	2,903,485
55,070,400	54,043,304	53,258,543	51,936,317	52,099,547	52,262,725
2,179,058	2,138,418	2,107,366	2,055,047	2,061,506	2,067,963
85,940	84,337	83,113	81,049	81,304	81,559

794,468	779,651	768,330	749,255	751,609	753,964
9,764,922	9,240,580	8,708,229	8,147,978	8,182,699	8,217,490
488,246	462,029	435,411	407,399	409,135	410,874
7,226,042	6,838,029	6,444,090	6,029,504	6,055,198	6,080,943
1,030,837	975,485	919,287	860,144	863,809	867,482
418,558	396,083	373,265	349,250	350,739	352,230
601,238	568,954	536,176	501,681	503,819	505,961
16,154,580	14,493,068	12,739,882	11,022,001	11,027,897	11,033,792
807,805	724,722	637,054	551,152	551,447	551,742
13,894,248	12,465,213	10,957,331	9,479,814	9,484,885	9,489,956
1,007,938	904,271	794,883	687,699	688,067	688,435
12,181	10,928	9,606	8,311	8,315	8,319
432,408	387,935	341,007	295,025	295,183	295,341
11,121,181	10,637,620	10,087,833	9,583,638	9,573,038	9,562,379
556,059	531,881	504,392	479,182	478,652	478,119
9,897,851	9,467,482	8,978,171	8,529,438	8,520,003	8,510,517
481,310	460,382	436,588	414,767	414,309	413,847
15,725	15,041	14,264	13,551	13,536	13,521
170,236	162,834	154,418	146,700	146,538	146,375
58,818,570	57,446,253	56,383,102	54,809,383	54,844,783	54,880,183
2,940,629	2,872,020	2,818,868	2,740,190	2,741,960	2,743,729
47,638,185	46,526,721	45,665,656	44,391,074	44,419,745	44,448,416
6,278,767	6,132,275	6,018,785	5,850,794	5,854,573	5,858,352
413,787	404,133	396,653	385,582	385,831	386,080
1,547,203	1,511,105	1,483,139	1,441,743	1,442,674	1,443,605
12,144,385	11,652,770	11,225,443	10,767,199	10,809,325	10,851,514
607,219	582,639	561,272	538,360	540,466	542,576
9,715,508	9,322,216	8,980,354	8,613,760	8,647,460	8,681,212
824,266	790,899	761,895	730,793	733,652	736,516
560,746	538,046	518,315	497,157	499,102	501,050
436,646	418,970	403,606	387,130	388,645	390,162
266,466,593	257,362,286	247,926,140	236,634,154	237,148,174	237,662,195
13,323,330	12,868,114	12,396,307	11,831,708	11,857,409	11,883,110
199,849,945	193,021,715	185,944,605	177,475,615	177,861,131	178,246,646
35,538,348	34,324,117	33,065,629	31,559,630	31,628,184	31,696,738
3,749,850	3,621,729	3,488,939	3,330,033	3,337,266	3,344,500
14,005,121	13,526,611	13,030,660	12,437,168	12,464,184	12,491,201
30,176,562	29,359,718	28,342,574	27,442,198	27,403,758	27,365,376
1,508,828	1,467,986	1,417,129	1,372,110	1,370,188	1,368,269
27,158,906	26,423,746	25,508,317	24,697,979	24,663,382	24,628,838
1,216,051	1,183,134	1,142,145	1,105,862	1,104,313	1,102,766
17,978	17,491	16,885	16,349	16,326	16,303
274,799	267,361	258,098	249,899	249,549	249,200
500,713,455	484,716,707	468,372,523	449,048,943	449,886,752	450,724,699
25,035,619	24,235,779	23,418,563	22,452,380	22,494,271	22,536,168
399,750,898	387,071,339	374,117,690	358,821,911	359,481,357	360,140,906
50,770,946	49,097,888	47,391,480	45,355,811	45,444,143	45,532,488
5,737,366	5,545,072	5,349,129	5,118,126	5,130,236	5,142,352
19,418,627	18,766,629	18,095,659	17,300,714	17,336,746	17,372,784

32.00%	30.00%	27.00%	25.00%	25.00%	25.00%
30.00%	28.00%	27.00%	25.00%	25.00%	25.00%
34.00%	31.00%	28.00%	25.00%	25.00%	25.00%
33.00%	30.00%	28.00%	25.00%	25.00%	25.00%
29.00%	28.00%	26.00%	25.00%	25.00%	25.00%
31.00%	29.00%	27.00%	25.00%	25.00%	25.00%
29.00%	28.00%	26.00%	25.00%	25.00%	25.00%
28.00%	27.00%	26.00%	25.00%	25.00%	25.00%
27.00%	25.00%	25.00%	25.00%	25.00%	25.00%

41,524,679	40,564,304	39,059,486	37,644,096	37,727,900	37,811,774
71,987,452	69,823,390	68,411,745	65,950,878	66,158,155	66,365,365
11,764,966	10,935,598	10,125,848	9,311,975	9,351,656	9,391,417
19,348,626	17,052,275	14,815,213	12,597,760	12,604,499	12,611,237
13,007,229	12,369,326	11,595,210	10,952,729	10,940,614	10,928,433
69,600,679	67,181,750	65,176,131	62,632,909	62,673,362	62,713,815
14,203,959	13,549,733	12,902,808	12,305,371	12,353,514	12,401,731
425,601,082	411,366,019	396,259,581	381,968,224	382,797,969	383,627,715
34,886,199	33,553,963	32,391,513	31,362,512	31,318,581	31,274,715
701,924,870	676,396,358	650,737,535	624,726,455	625,926,250	627,126,200

61%	68%	75%	83%	90%	90%
64%	70%	77%	83%	90%	90%
90%	90%	90%	90%	90%	90%
66%	72%	78%	84%	90%	90%
57%	66%	74%	82%	90%	90%
66%	72%	78%	84%	90%	90%
90%	90%	90%	90%	90%	90%
81%	84%	86%	88%	90%	90%
0%	0%	0%	0%	0%	0%

122,466	138,678	154,625	170,775	187,127	188,372
180,253	222,886	265,504	308,795	352,758	355,260
37,249	37,785	38,202	38,618	39,034	39,450
45,940	50,496	54,928	59,401	63,913	64,215
32,255	38,682	45,025	51,398	57,801	57,939
213,904	235,507	256,525	277,748	299,177	300,716
56,563	57,298	57,789	58,279	58,769	59,260
813,441	841,352	866,800	892,442	918,277	922,346
-	-	-	-	-	-
1,502,070	1,622,684	1,739,398	1,857,455	1,976,857	1,987,559

96,430	109,195	121,752	134,468	147,344	148,325
119,373	147,606	175,831	204,500	233,615	235,272
32,111	32,574	32,932	33,291	33,650	34,009
34,541	37,967	41,299	44,662	48,055	48,282
18,121	21,732	25,294	28,875	32,473	32,550
125,826	138,534	150,897	163,381	175,986	176,892
41,590	42,131	42,492	42,852	43,213	43,574
361,529	373,934	385,245	396,641	408,123	409,931

-	-	-	-	-	-
829,521	903,673	975,742	1,048,670	1,122,459	1,128,835
18,255,816	19,998,734	21,416,063	22,567,133	24,812,249	27,067,163
912,880	1,000,034	1,070,908	1,128,467	1,240,733	1,353,490
15,336,381	16,800,575	17,991,248	18,958,241	20,844,322	22,738,634
1,159,066	1,269,724	1,359,711	1,432,793	1,575,335	1,718,500
242,140	265,257	284,056	299,324	329,102	359,011
605,349	663,143	710,141	748,309	822,756	897,527
21,673,974	26,861,410	31,802,683	36,047,775	41,756,724	47,511,577
1,083,699	1,343,071	1,590,134	1,802,389	2,087,836	2,375,579
19,506,576	24,175,269	28,622,414	32,442,997	37,581,052	42,760,420
771,848	956,581	1,132,549	1,283,724	1,487,029	1,691,970
30,441	37,727	44,667	50,629	58,647	66,730
281,410	348,762	412,919	468,036	542,160	616,879
7,989,502	7,560,540	7,124,884	6,666,533	6,694,976	6,723,418
399,475	378,027	356,244	333,327	334,749	336,171
5,912,232	5,594,799	5,272,414	4,933,235	4,954,282	4,975,329
843,415	798,131	752,141	703,755	706,757	709,760
342,458	324,071	305,397	285,751	286,970	288,189
491,923	465,512	438,688	410,467	412,218	413,969
8,924,174	8,771,598	8,379,159	7,824,187	8,425,610	9,027,683
446,251	438,621	418,997	391,246	421,320	451,427
7,675,513	7,544,285	7,206,756	6,729,435	7,246,707	7,764,539
556,809	547,289	522,804	488,177	525,702	563,267
6,729	6,614	6,318	5,899	6,353	6,807
238,873	234,789	224,284	209,429	225,528	241,643
4,162,217	4,926,091	5,564,333	6,131,487	6,978,598	7,823,822
208,111	246,305	278,217	306,574	348,930	391,191
3,704,373	4,384,221	4,952,256	5,457,024	6,210,952	6,963,201
180,135	213,195	240,817	265,363	302,025	338,605
5,885	6,965	7,868	8,670	9,867	11,062
63,713	75,406	85,175	93,857	106,824	119,762
33,057,559	35,156,049	37,263,932	38,850,595	41,874,325	44,902,010
1,652,709	1,757,623	1,863,007	1,942,332	2,093,503	2,244,872
26,773,893	28,473,496	30,180,707	31,465,773	33,914,745	36,366,920
3,528,830	3,752,839	3,977,852	4,147,225	4,470,002	4,793,201
232,559	247,322	262,151	273,313	294,585	315,884
869,568	924,768	980,216	1,021,952	1,101,490	1,181,133
9,936,309	9,534,050	9,184,448	8,809,500	8,843,993	8,878,543
496,815	476,703	459,222	440,475	442,200	443,927
7,949,047	7,627,240	7,347,558	7,047,600	7,075,194	7,102,835
674,399	647,097	623,368	597,920	600,261	602,606
458,792	440,218	424,076	406,763	408,356	409,951
357,256	342,793	330,223	316,742	317,982	319,224
193,178,627	190,514,958	188,359,498	184,390,253	189,410,538	194,450,853
9,658,931	9,525,748	9,417,975	9,219,513	9,470,527	9,722,543
144,883,971	142,886,218	141,269,624	138,292,690	142,057,903	145,838,140
25,764,015	25,408,765	25,121,293	24,591,920	25,261,469	25,933,690
2,718,505	2,681,021	2,650,688	2,594,831	2,665,479	2,736,409

10,153,205	10,013,206	9,899,918	9,691,300	9,955,159	10,220,071
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
297,178,178	303,323,429	309,095,000	311,287,463	328,797,013	346,385,069
14,858,871	15,166,131	15,454,704	15,564,322	16,439,798	17,319,199
231,741,985	237,486,104	242,842,978	245,326,994	259,885,158	274,510,017
33,478,516	33,593,621	33,730,534	33,510,875	34,928,581	36,351,600
4,037,508	4,009,194	3,985,220	3,925,179	4,059,359	4,194,043
13,061,297	13,068,379	13,081,564	12,960,093	13,484,117	14,010,210

14	15	16	17	18	19
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
84.00%	84.00%	84.00%	84.00%	84.00%	84.00%
11.00%	11.00%	11.00%	11.00%	11.00%	11.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
74.00%	74.00%	74.00%	74.00%	74.00%	74.00%
21.00%	21.00%	21.00%	21.00%	21.00%	21.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
86.00%	86.00%	86.00%	86.00%	86.00%	86.00%
9.00%	9.00%	9.00%	9.00%	9.00%	9.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
89.00%	89.00%	89.00%	89.00%	89.00%	89.00%
6.00%	6.00%	6.00%	6.00%	6.00%	6.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
81.00%	81.00%	81.00%	81.00%	81.00%	81.00%
14.00%	14.00%	14.00%	14.00%	14.00%	14.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
15.00%	15.00%	15.00%	15.00%	15.00%	15.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

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

208,580	209,272	209,963	210,655	211,347	212,039
393,539	394,992	396,445	397,899	399,352	400,805
43,853	44,164	44,475	44,785	45,096	45,406
70,969	71,089	71,210	71,330	71,450	71,571
63,885	63,859	63,832	63,806	63,779	63,753
332,480	333,232	333,983	334,735	335,487	336,238
65,725	66,022	66,318	66,615	66,911	67,208
1,019,056	1,020,839	1,022,624	1,024,408	1,026,192	1,027,976
185,291	185,122	184,953	184,784	184,616	184,447
2,383,377	2,388,590	2,393,804	2,399,017	2,404,230	2,409,444

1.27	1.27	1.27	1.27	1.27	1.27
1.51	1.51	1.51	1.51	1.51	1.51
1.16	1.16	1.16	1.16	1.16	1.16
1.33	1.33	1.33	1.33	1.33	1.33
1.78	1.78	1.78	1.78	1.78	1.78
1.70	1.70	1.70	1.70	1.70	1.70
1.36	1.36	1.36	1.36	1.36	1.36
2.25	2.25	2.25	2.25	2.25	2.25
2.09	2.09	2.09	2.08	2.08	2.08

164,236	164,781	165,326	165,870	166,415	166,960
260,622	261,609	262,597	263,584	264,572	265,559
37,805	38,072	38,340	38,608	38,876	39,143
53,360	53,451	53,541	53,632	53,722	53,813
35,890	35,890	35,890	35,890	35,890	35,890
195,576	196,019	196,461	196,903	197,345	197,787
48,327	48,545	48,763	48,981	49,199	49,417
452,914	453,706	454,500	455,293	456,086	456,878
88,656	88,656	88,656	88,656	88,656	88,656
1,337,386	1,340,730	1,344,074	1,347,417	1,350,761	1,354,105

33,155,458	33,228,840	33,244,218	33,259,534	33,274,912	33,290,290
1,657,935	1,661,604	1,662,373	1,663,139	1,663,908	1,664,677
27,853,301	27,914,948	27,927,867	27,940,734	27,953,652	27,966,571
2,105,048	2,109,707	2,110,683	2,111,656	2,112,632	2,113,608
439,764	440,738	440,941	441,145	441,349	441,553
1,099,411	1,101,844	1,102,354	1,102,862	1,103,372	1,103,881
58,251,061	58,432,427	58,501,931	58,571,435	58,640,881	58,710,500
2,912,553	2,921,621	2,925,097	2,928,572	2,932,044	2,935,525
52,425,955	52,589,185	52,651,738	52,714,291	52,776,793	52,839,450
2,074,421	2,080,880	2,083,355	2,085,830	2,088,304	2,090,783
81,813	82,068	82,166	82,263	82,361	82,459

756,318	758,673	759,576	760,478	761,380	762,284
8,252,211	8,287,002	8,303,011	8,319,020	8,334,960	8,350,969
412,611	414,350	415,151	415,951	416,748	417,548
6,106,636	6,132,381	6,144,228	6,156,075	6,167,870	6,179,717
871,148	874,820	876,510	878,200	879,883	881,573
353,718	355,209	355,896	356,582	357,265	357,951
508,099	510,241	511,226	512,212	513,194	514,179
11,039,688	11,045,584	11,034,514	11,023,445	11,012,376	11,001,307
552,036	552,331	551,778	551,224	550,671	550,117
9,495,027	9,500,097	9,490,577	9,481,056	9,471,536	9,462,015
688,803	689,171	688,480	687,789	687,099	686,408
8,324	8,328	8,320	8,312	8,303	8,295
295,498	295,656	295,360	295,064	294,767	294,471
9,551,778	9,541,236	9,517,123	9,492,951	9,468,896	9,444,783
477,589	477,062	475,856	474,648	473,445	472,239
8,501,083	8,491,700	8,470,239	8,448,726	8,427,317	8,405,857
413,388	412,932	411,889	410,842	409,801	408,758
13,506	13,491	13,457	13,422	13,388	13,354
146,213	146,051	145,682	145,312	144,944	144,575
54,915,584	54,950,984	54,913,928	54,876,809	54,839,753	54,802,698
2,745,499	2,747,269	2,745,416	2,743,561	2,741,708	2,739,856
44,477,088	44,505,759	44,475,747	44,445,683	44,415,671	44,385,659
5,862,131	5,865,910	5,861,954	5,857,992	5,854,036	5,850,080
386,330	386,579	386,318	386,057	385,796	385,535
1,444,537	1,445,468	1,444,493	1,443,517	1,442,542	1,441,567
10,893,769	10,935,958	10,954,766	10,973,639	10,992,447	11,011,320
544,688	546,798	547,738	548,682	549,622	550,566
8,715,015	8,748,767	8,763,813	8,778,911	8,793,958	8,809,056
739,384	742,247	743,524	744,805	746,081	747,362
503,001	504,949	505,817	506,689	507,557	508,428
391,681	393,198	393,874	394,553	395,229	395,907
238,176,215	238,690,235	238,789,524	238,888,731	238,988,021	239,087,310
11,908,811	11,934,512	11,939,476	11,944,437	11,949,401	11,954,365
178,632,161	179,017,676	179,092,143	179,166,549	179,241,015	179,315,482
31,765,293	31,833,847	31,847,089	31,860,320	31,873,562	31,886,804
3,351,734	3,358,967	3,360,364	3,361,760	3,363,158	3,364,555
12,518,217	12,545,233	12,550,452	12,555,666	12,560,884	12,566,103
27,326,820	27,288,380	27,211,903	27,135,368	27,058,833	26,982,298
1,366,341	1,364,419	1,360,595	1,356,768	1,352,942	1,349,115
24,594,138	24,559,542	24,490,712	24,421,831	24,352,950	24,284,069
1,101,213	1,099,664	1,096,582	1,093,498	1,090,413	1,087,329
16,280	16,257	16,211	16,166	16,120	16,075
248,848	248,498	247,802	247,105	246,408	245,711
451,562,583	452,400,646	452,470,919	452,540,933	452,611,079	452,681,474
22,578,063	22,619,966	22,623,480	22,626,981	22,630,489	22,634,008
360,800,402	361,460,055	361,507,064	361,553,857	361,600,763	361,647,876
45,620,828	45,709,177	45,720,066	45,730,932	45,741,811	45,752,706
5,154,469	5,166,585	5,169,490	5,172,395	5,175,297	5,178,205
17,408,821	17,444,862	17,450,819	17,456,768	17,462,719	17,468,679

25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%

37,895,648	37,979,521	37,997,098	38,014,604	38,032,180	38,049,756
66,572,641	66,779,917	66,859,350	66,938,783	67,018,149	67,097,714
9,431,098	9,470,859	9,489,155	9,507,451	9,525,668	9,543,965
12,617,976	12,624,714	12,612,062	12,599,410	12,586,759	12,574,107
10,916,318	10,904,270	10,876,712	10,849,087	10,821,595	10,794,037
62,754,268	62,794,721	62,752,376	62,709,959	62,667,614	62,625,269
12,450,021	12,498,238	12,519,733	12,541,302	12,562,797	12,584,366
384,457,351	385,287,096	385,447,423	385,607,548	385,767,766	385,928,093
31,230,651	31,186,720	31,099,317	31,011,849	30,924,381	30,836,912
628,325,972	629,526,056	629,653,226	629,779,992	629,906,909	630,034,219

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%
0%	0%	0%	0%	0%	0%

189,618	190,247	190,876	191,505	192,134	192,763
357,762	359,084	360,405	361,726	363,047	364,368
39,867	40,149	40,431	40,714	40,996	41,278
64,517	64,627	64,736	64,845	64,955	65,064
58,077	58,054	58,029	58,005	57,982	57,957
302,255	302,938	303,621	304,305	304,988	305,671
59,750	60,020	60,289	60,559	60,828	61,098
926,414	928,036	929,658	931,280	932,902	934,524
-	-	-	-	-	-
1,998,261	2,003,154	2,008,045	2,012,939	2,017,832	2,022,724

149,305	149,801	150,296	150,791	151,287	151,782
236,927	237,826	238,724	239,622	240,519	241,416
34,368	34,611	34,855	35,098	35,342	35,585
48,509	48,591	48,674	48,756	48,838	48,920
32,628	32,628	32,628	32,628	32,628	32,628
177,797	178,199	178,601	179,003	179,405	179,806
43,934	44,132	44,330	44,529	44,726	44,925
411,740	412,461	413,181	413,902	414,623	415,344

1,135,208	1,138,249	1,141,289	1,144,329	1,147,368	1,150,406
27,127,228	27,187,238	27,199,805	27,212,371	27,224,938	27,237,505
1,356,494	1,359,494	1,360,123	1,360,751	1,361,380	1,362,008
22,789,094	22,839,507	22,850,064	22,860,621	22,871,178	22,881,735
1,722,314	1,726,124	1,726,922	1,727,720	1,728,518	1,729,316
359,808	360,604	360,770	360,937	361,104	361,270
899,519	901,509	901,925	902,342	902,759	903,176
47,659,921	47,808,317	47,865,164	47,922,116	47,979,016	48,035,863
2,382,996	2,390,416	2,393,258	2,396,106	2,398,951	2,401,793
42,893,929	43,027,485	43,078,648	43,129,904	43,181,114	43,232,277
1,697,252	1,704,537	1,704,562	1,706,590	1,708,616	1,710,640
66,938	67,147	67,226	67,306	67,386	67,466
618,805	620,732	621,470	622,210	622,949	623,687
6,751,798	6,780,302	6,793,338	6,806,437	6,819,535	6,832,634
337,590	339,015	339,667	340,322	340,977	341,632
4,996,330	5,017,424	5,027,070	5,036,763	5,046,456	5,056,149
712,756	715,765	717,141	718,524	719,907	721,289
289,405	290,627	291,186	291,747	292,309	292,870
415,716	417,471	418,274	419,081	419,887	420,694
9,032,502	9,037,320	9,028,278	9,019,182	9,010,140	9,001,044
451,668	451,909	451,456	451,002	450,549	450,095
7,768,684	7,772,828	7,765,051	7,757,228	7,749,451	7,741,628
563,568	563,868	563,304	562,737	562,173	561,605
6,810	6,814	6,807	6,800	6,794	6,787
241,772	241,901	241,659	241,416	241,174	240,930
7,815,120	7,806,471	7,786,708	7,766,998	7,747,288	7,727,578
390,756	390,324	389,335	388,350	387,364	386,379
6,955,457	6,947,759	6,930,170	6,912,628	6,895,086	6,877,544
338,228	337,854	336,999	336,145	335,292	334,439
11,050	11,038	11,010	10,982	10,954	10,926
119,629	119,497	119,194	118,892	118,591	118,289
44,930,948	44,959,885	44,929,572	44,899,202	44,868,889	44,838,576
2,246,318	2,247,765	2,246,250	2,244,731	2,243,216	2,241,700
36,390,357	36,413,794	36,389,243	36,364,646	36,340,095	36,315,544
4,796,290	4,799,380	4,796,144	4,792,902	4,789,666	4,786,430
316,088	316,291	316,078	315,865	315,651	315,438
1,181,894	1,182,655	1,181,858	1,181,059	1,180,262	1,179,464
8,913,094	8,947,586	8,963,007	8,978,427	8,993,847	9,009,267
445,655	447,379	448,150	448,921	449,692	450,463
7,130,475	7,158,069	7,170,405	7,182,741	7,195,078	7,207,414
604,951	607,292	608,339	609,385	610,432	611,478
411,547	413,139	413,851	414,563	415,275	415,987
320,467	321,707	322,261	322,816	323,370	323,924
194,871,489	195,291,977	195,373,207	195,454,437	195,535,667	195,616,896
9,743,574	9,764,599	9,768,660	9,772,722	9,776,783	9,780,845
146,153,617	146,468,983	146,529,905	146,590,828	146,651,750	146,712,672
25,989,790	26,045,870	26,056,704	26,067,537	26,078,371	26,089,204
2,742,328	2,748,245	2,749,388	2,750,532	2,751,675	2,752,818

10,242,180	10,264,280	10,268,549	10,272,818	10,277,088	10,281,357
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
347,102,099	347,819,097	347,939,080	348,059,170	348,179,320	348,299,364
17,355,051	17,390,901	17,396,900	17,402,905	17,408,912	17,414,915
275,077,942	275,645,849	275,740,558	275,835,360	275,930,208	276,024,963
36,425,150	36,498,690	36,510,114	36,521,540	36,532,974	36,544,403
4,203,974	4,213,905	4,216,317	4,218,732	4,221,147	4,223,563
14,039,982	14,069,752	14,075,191	14,080,634	14,086,078	14,091,521

20	21	22	23	24	25
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
84.00%	84.00%	84.00%	84.00%	84.00%	84.00%
11.00%	11.00%	11.00%	11.00%	11.00%	11.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
74.00%	74.00%	74.00%	74.00%	74.00%	74.00%
21.00%	21.00%	21.00%	21.00%	21.00%	21.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
86.00%	86.00%	86.00%	86.00%	86.00%	86.00%
9.00%	9.00%	9.00%	9.00%	9.00%	9.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
89.00%	89.00%	89.00%	89.00%	89.00%	89.00%
6.00%	6.00%	6.00%	6.00%	6.00%	6.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
81.00%	81.00%	81.00%	81.00%	81.00%	81.00%
14.00%	14.00%	14.00%	14.00%	14.00%	14.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
15.00%	15.00%	15.00%	15.00%	15.00%	15.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%

5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

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

212,170	212,300	212,430	212,561	212,691	212,359
401,176	401,547	401,917	402,288	402,659	402,126
45,571	45,736	45,900	46,065	46,230	46,259
71,520	71,469	71,419	71,368	71,317	71,129
63,591	63,429	63,267	63,106	62,944	62,678
336,127	336,016	335,905	335,793	335,682	334,902
67,301	67,394	67,488	67,581	67,675	67,599
1,027,568	1,027,159	1,026,750	1,026,341	1,025,932	1,023,678
183,900	183,354	182,807	182,260	181,713	180,879
2,408,923	2,408,403	2,407,883	2,407,363	2,406,843	2,401,609

1.27	1.27	1.27	1.27	1.27	1.27
1.51	1.51	1.51	1.50	1.50	1.50
1.16	1.16	1.16	1.16	1.16	1.16
1.33	1.33	1.33	1.33	1.33	1.32
1.77	1.77	1.76	1.76	1.75	1.75
1.70	1.70	1.70	1.70	1.70	1.69
1.36	1.36	1.36	1.36	1.36	1.36
2.25	2.25	2.25	2.25	2.25	2.24
2.07	2.07	2.06	2.06	2.05	2.04

167,063	167,165	167,268	167,371	167,473	167,473
266,016	266,472	266,928	267,385	267,841	267,858
39,285	39,427	39,569	39,711	39,853	39,879
53,813	53,813	53,813	53,813	53,813	53,813
35,890	35,890	35,890	35,890	35,890	35,890
197,787	197,787	197,787	197,787	197,787	197,787
49,486	49,555	49,623	49,692	49,761	49,761
456,878	456,878	456,878	456,878	456,878	456,878
88,656	88,656	88,656	88,656	88,656	88,656
1,354,874	1,355,644	1,356,414	1,357,183	1,357,953	1,357,995

33,305,668	33,268,515	33,231,362	33,194,271	33,157,119	33,119,966
1,665,446	1,663,588	1,661,730	1,659,875	1,658,018	1,656,160
27,979,489	27,948,278	27,917,067	27,885,907	27,854,696	27,823,485
2,114,585	2,112,226	2,109,867	2,107,512	2,105,153	2,102,794
441,757	441,264	440,771	440,279	439,786	439,293
1,104,391	1,103,159	1,101,927	1,100,698	1,099,466	1,098,234
58,780,061	58,747,096	58,714,188	58,681,396	58,648,546	58,615,696
2,939,003	2,937,355	2,935,709	2,934,070	2,932,427	2,930,785
52,902,055	52,872,386	52,842,769	52,813,256	52,783,691	52,754,126
2,093,260	2,092,086	2,090,914	2,089,746	2,088,576	2,087,407
82,556	82,510	82,464	82,418	82,372	82,325

763,187	762,759	762,332	761,906	761,479	761,053
8,366,978	8,365,731	8,364,414	8,363,166	8,361,919	8,360,602
418,349	418,287	418,221	418,158	418,096	418,030
6,191,564	6,190,641	6,189,666	6,188,743	6,187,820	6,186,846
883,263	883,131	882,992	882,861	882,729	882,590
358,637	358,584	358,528	358,474	358,421	358,364
515,165	515,088	515,007	514,930	514,854	514,772
10,990,237	10,964,248	10,938,260	10,912,331	10,886,342	10,860,354
549,564	548,264	546,965	545,668	544,368	543,069
9,452,495	9,430,142	9,407,790	9,385,489	9,363,137	9,340,784
685,717	684,096	682,474	680,857	679,235	677,613
8,287	8,267	8,247	8,228	8,208	8,189
294,175	293,479	292,784	292,089	291,394	290,698
9,420,728	9,385,140	9,349,669	9,314,140	9,278,552	9,243,081
471,036	469,257	467,483	465,707	463,928	462,154
8,384,448	8,352,775	8,321,206	8,289,585	8,257,912	8,226,342
407,717	406,177	404,641	403,104	401,564	400,028
13,320	13,270	13,220	13,170	13,119	13,069
144,207	143,662	143,119	142,575	142,030	141,487
54,765,579	54,647,982	54,530,384	54,412,851	54,295,190	54,177,593
2,738,000	2,732,120	2,726,241	2,720,365	2,714,483	2,708,603
44,355,596	44,260,352	44,165,108	44,069,916	43,974,620	43,879,376
5,846,118	5,833,565	5,821,012	5,808,465	5,795,905	5,783,352
385,274	384,447	383,620	382,793	381,965	381,138
1,440,591	1,437,497	1,434,404	1,431,312	1,428,217	1,425,124
11,030,193	11,027,552	11,024,911	11,022,270	11,019,694	11,017,053
551,510	551,378	551,246	551,114	550,985	550,853
8,824,154	8,822,041	8,819,929	8,817,816	8,815,755	8,813,642
748,643	748,464	748,285	748,105	747,930	747,751
509,300	509,178	509,056	508,934	508,815	508,693
396,586	396,491	396,396	396,301	396,208	396,114
239,186,599	238,911,152	238,635,622	238,360,257	238,084,728	237,809,280
11,959,330	11,945,558	11,931,781	11,918,013	11,904,236	11,890,464
179,389,949	179,183,364	178,976,717	178,770,193	178,563,546	178,356,960
31,900,046	31,863,310	31,826,563	31,789,838	31,753,091	31,716,355
3,365,952	3,362,076	3,358,199	3,354,323	3,350,446	3,346,570
12,571,321	12,556,844	12,542,363	12,527,890	12,513,408	12,498,931
26,905,764	26,797,128	26,688,493	26,579,857	26,471,222	26,362,586
1,345,288	1,339,856	1,334,425	1,328,993	1,323,561	1,318,129
24,215,187	24,117,415	24,019,643	23,921,871	23,824,099	23,726,327
1,084,245	1,079,867	1,075,489	1,071,112	1,066,734	1,062,356
16,029	15,964	15,900	15,835	15,770	15,705
245,014	244,025	243,036	242,046	241,057	240,068
452,751,805	452,114,543	451,477,303	450,840,540	450,203,311	449,566,211
22,637,525	22,605,662	22,573,801	22,541,963	22,510,102	22,478,247
361,694,937	361,177,394	360,659,895	360,142,776	359,625,276	359,107,889
45,763,594	45,702,922	45,642,238	45,581,599	45,520,918	45,460,247
5,181,112	5,175,560	5,170,003	5,164,453	5,158,902	5,153,347
17,474,637	17,453,005	17,431,367	17,409,748	17,388,114	17,366,481

25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%

38,067,332	38,024,868	37,982,404	37,940,010	37,897,546	37,855,082
67,177,213	67,139,538	67,101,929	67,064,452	67,026,909	66,989,367
9,562,261	9,560,835	9,559,330	9,557,905	9,556,479	9,554,974
12,561,455	12,531,751	12,502,046	12,472,411	12,442,707	12,413,003
10,766,546	10,725,874	10,685,336	10,644,731	10,604,060	10,563,522
62,582,851	62,448,468	62,314,085	62,179,775	62,045,319	61,910,936
12,605,934	12,602,916	12,599,898	12,596,880	12,593,935	12,590,917
386,088,311	385,643,691	385,198,977	384,754,451	384,309,737	383,865,117
30,749,444	30,625,289	30,501,134	30,376,980	30,252,825	30,128,670
630,161,348	629,303,231	628,445,141	627,587,594	626,729,517	625,871,586

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%
0%	0%	0%	0%	0%	0%

192,881	193,000	193,118	193,237	193,355	193,053
364,705	365,042	365,379	365,716	366,053	365,569
41,428	41,578	41,728	41,877	42,027	42,054
65,018	64,972	64,926	64,880	64,834	64,663
57,810	57,663	57,516	57,369	57,222	56,980
305,570	305,469	305,368	305,267	305,165	304,456
61,183	61,268	61,353	61,437	61,522	61,454
934,152	933,781	933,409	933,037	932,666	930,616
-	-	-	-	-	-
2,022,748	2,022,773	2,022,797	2,022,820	2,022,844	2,018,844

151,875	151,968	152,062	152,155	152,248	152,248
241,832	242,247	242,661	243,076	243,491	243,507
35,714	35,843	35,972	36,101	36,230	36,253
48,920	48,920	48,920	48,920	48,920	48,920
32,628	32,628	32,628	32,628	32,628	32,628
179,806	179,806	179,806	179,806	179,806	179,806
44,988	45,050	45,113	45,174	45,237	45,237
415,344	415,344	415,344	415,344	415,344	415,344

	-	-	-	-	-
	1,151,107	1,151,806	1,152,506	1,153,204	1,153,904
27,250,071	27,219,679	27,189,286	27,158,949	27,128,557	27,098,164
1,362,636	1,361,117	1,359,597	1,358,080	1,356,560	1,355,040
22,892,292	22,866,760	22,841,228	22,815,742	22,790,210	22,764,678
1,730,113	1,728,184	1,726,254	1,724,328	1,722,398	1,720,469
361,437	361,034	360,631	360,228	359,825	359,422
903,592	902,584	901,577	900,571	899,563	898,555
48,092,711	48,065,792	48,038,976	48,012,004	47,985,136	47,958,216
2,404,636	2,403,290	2,401,949	2,400,600	2,399,257	2,397,911
43,283,440	43,259,212	43,235,078	43,210,804	43,186,622	43,162,395
1,712,665	1,711,706	1,710,751	1,709,791	1,708,834	1,707,875
67,546	67,508	67,470	67,433	67,395	67,357
624,425	624,075	623,727	623,377	623,028	622,678
6,845,670	6,844,672	6,843,611	6,842,613	6,841,615	6,840,493
342,283	342,234	342,181	342,131	342,081	342,025
5,065,796	5,065,057	5,064,272	5,063,534	5,062,795	5,061,965
722,665	722,560	722,448	722,343	722,237	722,119
293,429	293,386	293,341	293,298	293,255	293,207
421,496	421,435	421,369	421,308	421,247	421,177
8,992,002	8,970,778	8,949,500	8,928,276	8,906,998	8,885,719
449,642	448,581	447,517	446,456	445,392	444,328
7,733,851	7,715,596	7,697,295	7,679,041	7,660,740	7,642,439
561,041	559,717	558,389	557,065	555,737	554,409
6,780	6,764	6,748	6,732	6,716	6,700
240,688	240,120	239,551	238,982	238,413	237,843
7,707,816	7,678,775	7,649,682	7,620,641	7,591,548	7,562,454
385,391	383,939	382,484	381,032	379,577	378,123
6,859,956	6,834,110	6,808,217	6,782,370	6,756,477	6,730,584
333,584	332,327	331,068	329,811	328,552	327,293
10,898	10,857	10,816	10,775	10,734	10,693
117,986	117,542	117,097	116,652	116,207	115,761
44,808,206	44,711,995	44,615,785	44,519,574	44,423,363	44,327,095
2,240,182	2,235,372	2,230,562	2,225,752	2,220,942	2,216,129
36,290,946	36,213,024	36,135,101	36,057,178	35,979,256	35,901,287
4,783,188	4,772,918	4,762,647	4,752,377	4,742,107	4,731,830
315,224	314,548	313,871	313,194	312,517	311,840
1,178,665	1,176,134	1,173,604	1,171,073	1,168,542	1,166,010
9,024,745	9,022,542	9,020,397	9,018,253	9,016,108	9,013,963
451,237	451,127	451,020	450,913	450,805	450,698
7,219,796	7,218,034	7,216,318	7,214,602	7,212,886	7,211,170
612,529	612,379	612,234	612,088	611,943	611,797
416,702	416,600	416,501	416,402	416,303	416,204
324,481	324,402	324,325	324,248	324,170	324,093
195,698,126	195,472,693	195,247,334	195,021,975	194,796,615	194,571,256
9,784,906	9,773,635	9,762,367	9,751,099	9,739,831	9,728,563
146,773,595	146,604,520	146,435,500	146,266,481	146,097,462	145,928,442
26,100,038	26,069,972	26,039,916	26,009,860	25,979,804	25,949,749
2,753,961	2,750,788	2,747,617	2,744,446	2,741,274	2,738,103

10,285,626	10,273,778	10,261,933	10,250,089	10,238,244	10,226,400
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
348,419,348	347,986,926	347,554,571	347,122,285	346,689,940	346,257,361
17,420,914	17,399,293	17,377,676	17,356,062	17,334,445	17,312,816
276,119,672	275,776,313	275,433,010	275,089,752	274,746,449	274,402,959
36,555,824	36,509,763	36,463,708	36,417,664	36,371,613	36,325,542
4,225,977	4,221,485	4,216,995	4,212,507	4,208,019	4,203,526
14,096,961	14,080,071	14,063,182	14,046,299	14,029,414	14,012,519



26	27	28	29	30	31
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
84.00%	84.00%	84.00%	84.00%	84.00%	84.00%
11.00%	11.00%	11.00%	11.00%	11.00%	11.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
74.00%	74.00%	74.00%	74.00%	74.00%	74.00%
21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
86.00%	86.00%	86.00%	86.00%	86.00%	86.00%
9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
89.00%	89.00%	89.00%	89.00%	89.00%	89.00%
6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
81.00%	81.00%	81.00%	81.00%	81.00%	81.00%
14.00%	14.00%	14.00%	14.00%	14.00%	14.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

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

212,026	211,694	211,361	211,029	210,329	209,629
401,594	401,061	400,528	399,996	398,735	397,474
46,288	46,318	46,347	46,376	46,289	46,203
70,940	70,752	70,563	70,375	70,080	69,785
62,412	62,146	61,879	61,613	61,270	60,926
334,122	333,342	332,562	331,782	330,484	329,186
67,524	67,449	67,374	67,299	67,088	66,878
1,021,424	1,019,170	1,016,916	1,014,662	1,010,901	1,007,140
180,045	179,211	178,377	177,543	176,498	175,453
2,396,375	2,391,142	2,385,909	2,380,675	2,371,674	2,362,672

1.27	1.26	1.26	1.26	1.26	1.25
1.50	1.50	1.50	1.49	1.49	1.48
1.16	1.16	1.16	1.16	1.16	1.16
1.32	1.31	1.31	1.31	1.30	1.30
1.74	1.73	1.72	1.72	1.71	1.70
1.69	1.69	1.68	1.68	1.67	1.66
1.36	1.36	1.35	1.35	1.35	1.34
2.24	2.23	2.23	2.22	2.21	2.20
2.03	2.02	2.01	2.00	1.99	1.98

167,473	167,473	167,473	167,473	167,473	167,473
267,876	267,893	267,911	267,928	267,928	267,928
39,904	39,929	39,954	39,979	39,979	39,979
53,813	53,813	53,813	53,813	53,813	53,813
35,890	35,890	35,890	35,890	35,890	35,890
197,787	197,787	197,787	197,787	197,787	197,787
49,761	49,761	49,761	49,761	49,761	49,761
456,878	456,878	456,878	456,878	456,878	456,878
88,656	88,656	88,656	88,656	88,656	88,656
1,358,038	1,358,081	1,358,123	1,358,166	1,358,166	1,358,166

33,034,220	32,948,474	32,862,728	32,777,043	32,691,297	32,563,170
1,651,872	1,647,584	1,643,297	1,639,012	1,634,724	1,628,317
27,751,451	27,679,417	27,607,384	27,535,402	27,463,368	27,355,730
2,097,350	2,091,906	2,086,462	2,081,022	2,075,578	2,067,443
438,156	437,019	435,882	434,745	433,608	431,908
1,095,390	1,092,547	1,089,704	1,086,863	1,084,019	1,079,771
58,487,523	58,359,293	58,231,178	58,103,063	57,974,890	57,763,325
2,924,376	2,917,965	2,911,559	2,905,153	2,898,745	2,888,166
52,638,771	52,523,364	52,408,060	52,292,757	52,177,401	51,986,992
2,082,842	2,078,276	2,073,713	2,069,151	2,064,586	2,057,052
82,145	81,965	81,785	81,605	81,425	81,128

759,389	757,724	756,060	754,397	752,733	749,986
8,343,553	8,326,366	8,309,248	8,292,130	8,275,012	8,244,103
417,178	416,318	415,462	414,607	413,751	412,205
6,174,230	6,161,511	6,148,844	6,136,176	6,123,509	6,100,636
880,790	878,976	877,169	875,362	873,555	870,292
357,633	356,897	356,163	355,429	354,695	353,371
513,723	512,665	511,611	510,557	509,503	507,599
10,820,829	10,781,304	10,741,780	10,702,255	10,662,791	10,611,716
541,092	539,116	537,140	535,163	533,190	530,636
9,306,790	9,272,796	9,238,801	9,204,807	9,170,864	9,126,936
675,147	672,681	670,215	667,749	665,287	662,100
8,159	8,129	8,099	8,069	8,040	8,001
289,640	288,582	287,524	286,466	285,410	284,043
9,197,418	9,151,754	9,106,148	9,060,543	9,014,879	8,961,002
459,871	457,588	455,307	453,027	450,744	448,050
8,185,702	8,145,061	8,104,472	8,063,883	8,023,242	7,975,292
398,052	396,076	394,102	392,128	390,152	387,820
13,005	12,940	12,875	12,811	12,746	12,670
140,788	140,089	139,391	138,693	137,994	137,169
53,992,124	53,806,656	53,621,187	53,435,718	53,250,250	53,006,842
2,699,331	2,690,058	2,680,786	2,671,514	2,662,241	2,650,072
43,729,162	43,578,948	43,428,733	43,278,519	43,128,305	42,931,165
5,763,553	5,743,755	5,723,956	5,704,158	5,684,360	5,658,376
379,833	378,528	377,223	375,919	374,614	372,902
1,420,245	1,415,367	1,410,488	1,405,609	1,400,730	1,394,328
10,994,509	10,971,964	10,949,485	10,926,941	10,904,461	10,864,590
549,725	548,598	547,474	546,347	545,223	543,230
8,795,607	8,777,572	8,759,588	8,741,552	8,723,569	8,691,672
746,221	744,691	743,165	741,635	740,109	737,403
507,652	506,611	505,573	504,532	503,494	501,653
395,303	394,492	393,684	392,874	392,065	390,632
237,186,855	236,564,348	235,941,840	235,319,415	234,696,907	233,772,262
11,859,343	11,828,217	11,797,092	11,765,971	11,734,845	11,688,613
177,890,141	177,423,261	176,956,380	176,489,561	176,022,680	175,329,196
31,633,343	31,550,320	31,467,297	31,384,284	31,301,261	31,177,942
3,337,811	3,329,051	3,320,290	3,311,531	3,302,771	3,289,759
12,466,217	12,433,499	12,400,781	12,368,067	12,335,349	12,286,751
26,225,769	26,088,951	25,952,134	25,815,259	25,678,384	25,518,687
1,311,288	1,304,448	1,297,607	1,290,763	1,283,919	1,275,934
23,603,192	23,480,056	23,356,921	23,233,733	23,110,546	22,966,818
1,056,843	1,051,329	1,045,816	1,040,300	1,034,784	1,028,349
15,624	15,542	15,461	15,379	15,298	15,203
238,822	237,576	236,330	235,084	233,837	232,383
448,282,800	446,999,110	445,715,728	444,432,367	443,148,871	441,305,696
22,414,077	22,349,893	22,285,724	22,221,556	22,157,382	22,065,223
358,075,045	357,041,984	356,009,182	354,976,390	353,943,484	352,464,438
45,334,142	45,208,010	45,081,896	44,955,790	44,829,673	44,646,778
5,140,018	5,126,682	5,113,353	5,100,022	5,086,692	5,066,595
17,319,518	17,272,541	17,225,573	17,178,609	17,131,641	17,062,662

25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%	25.00%	25.00%

37,757,076	37,659,071	37,561,066	37,463,131	37,365,126	37,218,681
66,842,884	66,696,335	66,549,918	66,403,500	66,257,017	66,015,228
9,535,490	9,515,847	9,496,284	9,476,720	9,457,157	9,421,831
12,367,827	12,322,652	12,277,477	12,232,302	12,187,195	12,128,818
10,511,334	10,459,147	10,407,026	10,354,906	10,302,719	10,241,146
61,698,994	61,487,051	61,275,109	61,063,166	60,851,224	60,573,072
12,565,153	12,539,388	12,513,697	12,487,932	12,462,241	12,416,674
382,860,397	381,855,583	380,850,769	379,846,050	378,841,236	377,348,609
29,972,307	29,815,944	29,659,582	29,503,153	29,346,725	29,164,214
624,111,462	622,351,019	620,590,927	618,830,860	617,070,639	614,528,273

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%
0%	0%	0%	0%	0%	0%

192,751	192,449	192,147	191,844	191,208	190,572
365,085	364,601	364,117	363,633	362,486	361,340
42,080	42,107	42,133	42,160	42,081	42,002
64,491	64,320	64,149	63,977	63,709	63,441
56,738	56,496	56,254	56,012	55,700	55,388
303,747	303,038	302,329	301,620	300,440	299,260
61,386	61,317	61,249	61,180	60,989	60,798
928,567	926,518	924,469	922,420	919,001	915,581
-	-	-	-	-	-
2,014,845	2,010,845	2,006,846	2,002,846	1,995,614	1,988,382

152,248	152,248	152,248	152,248	152,248	152,248
243,523	243,539	243,555	243,570	243,570	243,570
36,276	36,299	36,322	36,345	36,345	36,345
48,920	48,920	48,920	48,920	48,920	48,920
32,628	32,628	32,628	32,628	32,628	32,628
179,806	179,806	179,806	179,806	179,806	179,806
45,237	45,237	45,237	45,237	45,237	45,237
415,344	415,344	415,344	415,344	415,344	415,344

	-	-	-	-	-
	1,153,982	1,154,021	1,154,060	1,154,098	1,154,098
27,028,023	26,957,883	26,887,686	26,817,546	26,747,405	26,642,553
1,351,533	1,348,026	1,344,515	1,341,008	1,337,501	1,332,258
22,705,754	22,646,830	22,587,859	22,528,935	22,470,011	22,381,927
1,716,016	1,711,562	1,707,106	1,702,652	1,698,199	1,691,542
358,492	357,561	356,630	355,700	354,770	353,379
896,229	893,903	891,576	889,250	886,924	883,447
47,853,442	47,748,512	47,643,686	47,538,808	47,433,982	47,260,845
2,392,672	2,387,426	2,382,184	2,376,940	2,371,699	2,363,042
43,068,098	42,973,661	42,879,318	42,784,928	42,690,584	42,534,761
1,704,144	1,700,407	1,696,674	1,692,939	1,689,206	1,683,041
67,210	67,063	66,915	66,768	66,621	66,378
621,318	619,956	618,595	617,233	615,872	613,624
6,826,521	6,812,487	6,798,453	6,784,481	6,770,447	6,745,186
341,326	340,624	339,923	339,224	338,522	337,259
5,051,626	5,041,240	5,030,855	5,020,516	5,010,131	4,991,438
720,644	719,163	717,681	716,206	714,725	712,058
292,608	292,007	291,405	290,806	290,205	289,122
420,317	419,453	418,589	417,729	416,865	415,309
8,853,396	8,821,072	8,788,749	8,756,371	8,724,102	8,682,303
442,712	441,095	439,479	437,860	436,246	434,156
7,614,638	7,586,837	7,559,036	7,531,189	7,503,435	7,467,484
552,393	550,376	548,359	546,339	544,326	541,718
6,675	6,651	6,627	6,602	6,578	6,546
236,978	236,113	235,248	234,381	233,517	232,399
7,525,184	7,487,808	7,450,485	7,413,162	7,375,838	7,331,753
376,259	374,390	372,524	370,658	368,792	366,588
6,697,413	6,664,149	6,630,932	6,597,714	6,564,496	6,525,260
325,680	324,063	322,447	320,832	319,217	317,309
10,640	10,587	10,534	10,482	10,429	10,367
115,191	114,619	114,047	113,476	112,905	112,230
44,175,416	44,023,622	43,871,886	43,720,092	43,568,412	43,369,229
2,208,546	2,200,957	2,193,371	2,185,782	2,178,199	2,168,240
35,778,439	35,655,498	35,532,604	35,409,664	35,286,816	35,125,494
4,715,639	4,699,435	4,683,238	4,667,034	4,650,842	4,629,580
310,773	309,705	308,637	307,570	306,503	305,101
1,162,020	1,158,027	1,154,036	1,150,043	1,146,053	1,140,813
8,995,528	8,977,093	8,958,659	8,940,224	8,921,847	8,889,210
449,776	448,855	447,933	447,011	446,092	444,461
7,196,422	7,181,675	7,166,927	7,152,179	7,137,478	7,111,368
610,546	609,295	608,044	606,792	605,545	603,330
415,353	414,502	413,650	412,799	411,951	410,444
323,430	322,768	322,105	321,442	320,781	319,608
194,061,925	193,552,668	193,043,337	192,534,080	192,024,749	191,268,181
9,703,096	9,677,633	9,652,167	9,626,704	9,601,237	9,563,409
145,546,444	145,164,501	144,782,503	144,400,560	144,018,562	143,451,135
25,881,820	25,813,901	25,745,972	25,678,053	25,610,124	25,509,221
2,730,935	2,723,769	2,716,601	2,709,435	2,702,267	2,691,620

10,199,630	10,172,864	10,146,094	10,119,329	10,092,559	10,052,795
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
345,319,435	344,381,146	343,442,941	342,504,764	341,566,783	340,189,261
17,265,920	17,219,006	17,172,096	17,125,187	17,078,289	17,009,413
273,658,834	272,914,392	272,170,034	271,425,685	270,681,513	269,588,868
36,226,881	36,128,201	36,029,520	35,930,848	35,832,184	35,687,798
4,192,686	4,181,844	4,171,001	4,160,162	4,149,322	4,132,957
13,975,114	13,937,703	13,900,290	13,862,882	13,825,476	13,770,225

32	33	34	35
5.00%	5.00%	5.00%	5.00%
84.00%	84.00%	84.00%	84.00%
11.00%	11.00%	11.00%	11.00%
5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%
5.00%	5.00%	5.00%	5.00%
74.00%	74.00%	74.00%	74.00%
21.00%	21.00%	21.00%	21.00%
5.00%	5.00%	5.00%	5.00%
86.00%	86.00%	86.00%	86.00%
9.00%	9.00%	9.00%	9.00%
5.00%	5.00%	5.00%	5.00%
89.00%	89.00%	89.00%	89.00%
6.00%	6.00%	6.00%	6.00%
5.00%	5.00%	5.00%	5.00%
81.00%	81.00%	81.00%	81.00%
14.00%	14.00%	14.00%	14.00%
5.00%	5.00%	5.00%	5.00%
80.00%	80.00%	80.00%	80.00%
15.00%	15.00%	15.00%	15.00%
5.00%	5.00%	5.00%	5.00%
75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%
5.00%	5.00%	5.00%	5.00%
90.00%	90.00%	90.00%	90.00%
5.00%	5.00%	5.00%	5.00%
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%

208,929	208,229	207,529	206,829
396,213	394,952	393,691	392,430
46,116	46,029	45,942	45,855
69,490	69,194	68,899	68,604
60,583	60,240	59,896	59,553
327,888	326,589	325,291	323,993
66,667	66,457	66,247	66,036
1,003,378	999,617	995,856	992,093
174,407	173,362	172,317	171,272
2,353,670	2,344,669	2,335,667	2,326,664

1.25	1.24	1.24	1.23
1.48	1.47	1.47	1.46
1.15	1.15	1.15	1.15
1.29	1.29	1.28	1.27
1.69	1.68	1.67	1.66
1.66	1.65	1.64	1.64
1.34	1.34	1.33	1.33
2.20	2.19	2.18	2.17
1.97	1.96	1.94	1.93

167,473	167,473	167,473	167,473
267,928	267,928	267,928	267,928
39,979	39,979	39,979	39,979
53,813	53,813	53,813	53,813
35,890	35,890	35,890	35,890
197,787	197,787	197,787	197,787
49,761	49,761	49,761	49,761
456,878	456,878	456,878	456,878
88,656	88,656	88,656	88,656
1,358,166	1,358,166	1,358,166	1,358,166

32,435,043	32,306,916	32,178,789	32,050,662
1,621,910	1,615,503	1,609,096	1,602,689
27,248,093	27,140,456	27,032,819	26,925,181
2,059,308	2,051,174	2,043,039	2,034,904
430,209	428,509	426,810	425,111
1,075,522	1,071,273	1,067,025	1,062,776
57,551,702	57,340,136	57,128,513	56,916,832
2,877,585	2,867,007	2,856,426	2,845,842
51,796,531	51,606,122	51,415,662	51,225,149
2,049,516	2,041,982	2,034,445	2,026,907
80,831	80,534	80,237	79,939

747,238	744,491	741,743	738,995
8,213,262	8,182,353	8,151,513	8,120,603
410,663	409,118	407,576	406,030
6,077,814	6,054,941	6,032,119	6,009,246
867,036	863,773	860,517	857,254
352,049	350,724	349,402	348,077
505,701	503,797	501,899	499,995
10,560,761	10,509,686	10,458,671	10,407,656
528,088	525,534	522,983	520,432
9,083,110	9,039,182	8,995,305	8,951,428
658,921	655,734	652,551	649,368
7,963	7,924	7,886	7,847
282,679	281,312	279,946	278,581
8,907,126	8,853,191	8,799,373	8,745,439
445,356	442,660	439,969	437,272
7,927,342	7,879,340	7,831,442	7,783,441
385,489	383,155	380,825	378,491
12,594	12,518	12,442	12,365
136,345	135,519	134,695	133,870
52,763,434	52,520,027	52,276,555	52,033,211
2,637,903	2,625,734	2,613,561	2,601,395
42,734,025	42,536,884	42,339,693	42,142,604
5,632,393	5,606,410	5,580,420	5,554,443
371,189	369,477	367,764	366,052
1,387,925	1,381,522	1,375,118	1,368,717
10,824,719	10,784,913	10,745,042	10,705,171
541,236	539,246	537,252	535,259
8,659,775	8,627,930	8,596,033	8,564,137
734,697	731,995	729,289	726,583
499,813	497,975	496,134	494,293
389,198	387,767	386,334	384,900
232,847,534	231,922,889	230,998,161	230,073,434
11,642,377	11,596,144	11,549,908	11,503,672
174,635,651	173,942,167	173,248,621	172,555,075
31,054,613	30,931,294	30,807,964	30,684,634
3,276,746	3,263,734	3,250,720	3,237,707
12,238,149	12,189,551	12,140,948	12,092,346
25,358,990	25,199,293	25,039,596	24,879,898
1,267,949	1,259,965	1,251,980	1,243,995
22,823,091	22,679,363	22,535,636	22,391,909
1,021,913	1,015,478	1,009,042	1,002,607
15,107	15,012	14,917	14,822
230,929	229,474	228,020	226,566
439,462,571	437,619,403	435,776,213	433,932,906
21,973,068	21,880,909	21,788,750	21,696,585
350,985,433	349,506,386	348,027,330	346,548,170
44,463,886	44,280,994	44,098,093	43,915,192
5,046,500	5,026,407	5,006,311	4,986,214
16,993,685	16,924,707	16,855,728	16,786,746

25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%

37,072,236	36,925,790	36,779,345	36,632,900
65,773,373	65,531,584	65,289,729	65,047,808
9,386,586	9,351,260	9,316,014	9,280,689
12,070,579	12,012,202	11,953,893	11,895,585
10,179,573	10,117,933	10,056,427	9,994,787
60,294,920	60,016,768	59,738,544	59,460,464
12,371,108	12,325,614	12,280,048	12,234,481
375,855,997	374,363,478	372,870,758	371,378,146
28,981,703	28,799,192	28,616,681	28,434,170
611,986,073	609,443,822	606,901,438	604,359,030

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%
0%	0%	0%	0%

189,935	189,299	188,662	188,026
360,193	359,047	357,901	356,754
41,923	41,845	41,766	41,687
63,172	62,904	62,636	62,367
55,076	54,763	54,451	54,139
298,080	296,899	295,719	294,539
60,607	60,415	60,224	60,033
912,162	908,743	905,324	901,904
-	-	-	-
1,981,149	1,973,914	1,966,682	1,959,450

152,248	152,248	152,248	152,248
243,570	243,570	243,570	243,570
36,345	36,345	36,345	36,345
48,920	48,920	48,920	48,920
32,628	32,628	32,628	32,628
179,806	179,806	179,806	179,806
45,237	45,237	45,237	45,237
415,344	415,344	415,344	415,344

1,154,098	1,154,098	1,154,098	1,154,098
26,537,757	26,432,906	26,328,110	26,223,258
1,327,017	1,321,774	1,316,534	1,311,291
22,293,890	22,205,806	22,117,769	22,029,685
1,684,888	1,678,231	1,671,578	1,664,921
351,989	350,598	349,208	347,818
879,972	876,496	873,021	869,544
47,087,761	46,914,624	46,741,487	46,568,298
2,354,388	2,345,731	2,337,074	2,328,415
42,378,984	42,223,161	42,067,338	41,911,468
1,676,877	1,670,711	1,664,545	1,658,378
66,134	65,891	65,648	65,405
611,377	609,129	606,881	604,632
6,719,925	6,694,664	6,669,402	6,644,141
335,996	334,733	333,470	332,207
4,972,744	4,954,051	4,935,358	4,916,664
709,391	706,724	704,058	701,391
288,039	286,956	285,874	284,791
413,754	412,199	410,643	409,088
8,640,613	8,598,868	8,557,070	8,515,379
432,071	429,984	427,894	425,809
7,431,627	7,395,724	7,359,774	7,323,917
539,116	536,512	533,904	531,303
6,515	6,484	6,452	6,421
231,283	230,165	229,046	227,930
7,287,615	7,243,530	7,199,444	7,155,359
364,381	362,176	359,972	357,768
6,485,978	6,446,742	6,407,506	6,368,270
315,398	313,490	311,583	309,675
10,304	10,242	10,180	10,117
111,554	110,879	110,205	109,530
43,170,104	42,970,921	42,771,738	42,572,612
2,158,285	2,148,327	2,138,369	2,128,414
34,964,219	34,802,897	34,641,575	34,480,300
4,608,324	4,587,061	4,565,799	4,544,543
303,700	302,299	300,898	299,497
1,135,576	1,130,336	1,125,097	1,119,859
8,856,631	8,823,993	8,791,414	8,758,776
442,832	441,200	439,571	437,939
7,085,304	7,059,194	7,033,131	7,007,021
601,119	598,903	596,692	594,477
408,939	407,432	405,928	404,421
318,436	317,263	316,092	314,918
190,511,612	189,755,044	188,998,476	188,241,907
9,525,581	9,487,752	9,449,924	9,412,095
142,883,709	142,316,283	141,748,857	141,181,430
25,408,318	25,307,416	25,206,513	25,105,610
2,680,974	2,670,327	2,659,680	2,649,033

10,013,030	9,973,266	9,933,502	9,893,738
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
338,812,017	337,434,549	336,057,140	334,679,732
16,940,551	16,871,678	16,802,808	16,733,938
268,496,456	267,403,859	266,311,307	265,218,756
35,543,432	35,399,050	35,254,672	35,110,297
4,116,595	4,100,230	4,083,868	4,067,503
13,714,982	13,659,733	13,604,486	13,549,239

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

Receita

Ano do Contrato de Concessão	TOTAL	1
Tabela 15 - Inadimplência		
1	Belford Roxo	70.61%
2	Duque de Caxias	44.20%
3	Japeri	59.97%
4	Mesquita	57.17%
5	Nilópolis	38.04%
6	Novo Iguacu	60.91%
7	Queimados	51.57%
8	Rio de Janeiro - AP 1, 2.2 e 3	19.84%
9	Sao Joao de Meriti	58.88%
Tabela 16 - Tarifa Média de Água por Município (R\$/m³)		
1 Belford Roxo		
	Tarifa Social	3.07
	Residencial	6.60
	Comercial	13.34
	Industrial	21.64
	Pública	8.65
2 Duque de Caxias		
	Tarifa Social	2.80
	Residencial	4.42
	Comercial	14.51
	Industrial	17.05
	Pública	9.19
3 Japeri		
	Tarifa Social	0.00
	Residencial	4.17
	Comercial	11.76
	Industrial	22.23
	Pública	8.48
4 Mesquita		
	Tarifa Social	3.07
	Residencial	4.52
	Comercial	11.70
	Industrial	20.58
	Pública	8.52
5 Nilópolis		
	Tarifa Social	3.07
	Residencial	4.53
	Comercial	12.43
	Industrial	18.85
	Pública	7.96
6 Novo Iguacu		
	Tarifa Social	3.07
	Residencial	5.63

	Comercial	13.95
	Industrial	21.58
	Pública	8.75
7	Queimados	
	Tarifa Social	3.07
	Residencial	4.48
	Comercial	15.47
	Industrial	22.14
	Pública	8.82
8	Rio de Janeiro - AP 1, 2.2 e 3	
	Tarifa Social	3.20
	Residencial	4.92
	Comercial	15.72
	Industrial	22.94
	Pública	11.19
9	Sao Joao de Meriti	
	Tarifa Social	3.09
	Residencial	4.86
	Comercial	12.76
	Industrial	19.91
	Pública	9.43

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

1	Belford Roxo		
	Receita Faturada	13,485,844	150,144
	Tarifa Social	273,071	25
	Residencial	10,525,186	120,872
	Comercial	1,602,095	17,434
	Industrial	542,935	5,908
	Pública	542,558	5,904
	Inadimplência	-2,823,597	-106,022
	Receita Arrecadada	10,662,247	44,122
2	Duque de Caxias		
	Receita Faturada	15,506,704	145,500
	Tarifa Social	431,538	258
	Residencial	12,893,280	121,923
	Comercial	1,708,255	18,257
	Industrial	79,166	846
	Pública	394,465	4,216
	Inadimplência	-2,544,878	-64,311
	Receita Arrecadada	12,961,826	81,189
3	Japeri		
	Receita Faturada	2,830,894	6,641
	Tarifa Social	-	-
	Residencial	1,507,632	3,640
	Comercial	604,751	1,372
	Industrial	464,167	1,053
	Pública	254,344	577
	Inadimplência	-544,905	-3,983
	Receita Arrecadada	2,285,989	2,658
4	Mesquita		
	Receita Faturada	3,491,941	60,925

	Tarifa Social	96,629	4
	Residencial	2,718,295	49,261
	Comercial	507,639	8,743
	Industrial	10,791	186
	Pública	158,587	2,731
	Inadimplência	-747,912	-34,833
	Receita Arrecadada	2,744,028	26,092
5	Nilopolis		
	Receita Faturada	2,757,947	70,084
	Tarifa Social	78,043	9
	Residencial	2,291,873	60,345
	Comercial	304,089	7,625
	Industrial	15,066	378
	Pública	68,876	1,727
	Inadimplência	-471,925	-26,660
	Receita Arrecadada	2,286,022	43,424
6	Novo Iguaçu		
	Receita Faturada	21,051,506	319,162
	Tarifa Social	453,850	-
	Residencial	14,623,964	230,194
	Comercial	4,754,187	70,805
	Industrial	484,681	7,218
	Pública	734,824	10,944
	Inadimplência	-4,273,965	-194,391
	Receita Arrecadada	16,777,540	124,771
7	Queimados		
	Receita Faturada	4,020,398	37,443
	Tarifa Social	95,601	201
	Residencial	2,357,818	22,771
	Comercial	688,590	6,359
	Industrial	670,419	6,192
	Pública	207,970	1,921
	Inadimplência	-750,805	-19,311
	Receita Arrecadada	3,269,593	18,132
8	Rio de Janeiro - AP 1, 2.2 e 3		
	Receita Faturada	103,403,855	2,641,446
	Tarifa Social	2,238,490	21,645
	Residencial	55,868,202	1,470,994
	Comercial	31,576,232	800,822
	Industrial	4,863,616	123,349
	Pública	8,857,314	224,635
	Inadimplência	-12,501,838	-524,056
	Receita Arrecadada	90,902,017	2,117,389
9	Sao Joao de Meriti		
	Receita Faturada	4,825,221	122,511
	Tarifa Social	129,303	70
	Residencial	4,122,561	108,099
	Comercial	481,784	12,051
	Industrial	11,114	278
	Pública	80,459	2,013
	Inadimplência	-1,032,831	-72,135
	Receita Arrecadada	3,792,390	50,377
	TOTAL		

Receita Faturada	171,374,309	3,553,855
Tarifa Social	3,796,526	22,213
Residencial	106,908,812	2,188,098
Comercial	42,227,621	943,469
Industrial	7,141,953	145,408
Pública	11,299,398	254,668
Inadimplência	-25,692,657	-1,045,700
Receita Arrecadada	145,681,652	2,508,155

13.95	13.95	13.95	13.95	13.95	13.95	13.95
21.58	21.58	21.58	21.58	21.58	21.58	21.58
8.75	8.75	8.75	8.75	8.75	8.75	8.75

3.07	3.07	3.07	3.07	3.07	3.07	3.07
4.48	4.48	4.48	4.48	4.48	4.48	4.48
15.47	15.47	15.47	15.47	15.47	15.47	15.47
22.14	22.14	22.14	22.14	22.14	22.14	22.14
8.82	8.82	8.82	8.82	8.82	8.82	8.82

3.20	3.20	3.20	3.20	3.20	3.20	3.20
4.92	4.92	4.92	4.92	4.92	4.92	4.92
15.72	15.72	15.72	15.72	15.72	15.72	15.72
22.94	22.94	22.94	22.94	22.94	22.94	22.94
11.19	11.19	11.19	11.19	11.19	11.19	11.19

3.09	3.09	3.09	3.09	3.09	3.09	3.09
4.86	4.86	4.86	4.86	4.86	4.86	4.86
12.76	12.76	12.76	12.76	12.76	12.76	12.76
19.91	19.91	19.91	19.91	19.91	19.91	19.91
9.43	9.43	9.43	9.43	9.43	9.43	9.43

150,541	193,750	240,523	283,093	325,207	370,144	378,248
476	1,197	2,216	3,473	4,990	6,827	8,157
120,639	154,552	190,969	223,709	255,764	289,701	294,599
17,541	22,653	28,219	33,329	38,421	43,883	45,002
5,944	7,677	9,563	11,295	13,021	14,872	15,251
5,940	7,672	9,557	11,287	13,012	14,861	15,240
-99,999	-120,590	-139,632	-152,493	-161,563	-168,391	-156,242
50,541	73,160	100,892	130,600	163,644	201,753	222,006

146,113	189,502	237,211	278,200	320,315	385,765	395,920
816	1,782	3,142	4,757	6,718	9,592	11,601
121,829	157,215	195,801	228,462	261,691	313,523	329,630
18,374	23,883	29,962	35,217	40,638	49,051	42,818
852	1,107	1,389	1,632	1,883	2,273	1,984
4,243	5,515	6,919	8,132	9,384	11,327	9,887
-61,221	-75,043	-88,480	-97,370	-104,743	-117,273	-111,254
84,892	114,459	148,732	180,830	215,572	268,493	284,667

6,670	21,428	42,814	69,313	98,511	109,020	103,015
-	-	-	-	-	-	-
3,641	11,647	23,173	37,355	52,860	58,241	54,787
1,385	4,470	8,976	14,605	20,863	23,207	22,041
1,063	3,431	6,889	11,210	16,013	17,812	16,917
582	1,880	3,775	6,143	8,775	9,760	9,270
-3,772	-11,383	-21,276	-32,069	-42,202	-42,968	-37,072
2,899	10,046	21,538	37,244	56,309	66,052	65,943

61,039	82,320	100,774	115,990	125,604	134,630	125,761
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267	716	1,315	2,020	2,737	3,527	3,850
49,066	65,785	80,054	91,590	98,581	105,019	97,495
8,777	11,861	14,550	16,781	18,210	19,558	18,308
187	252	309	357	387	416	389
2,742	3,706	4,545	5,243	5,689	6,110	5,719
-32,928	-41,753	-47,861	-51,345	-51,548	-50,908	-43,497
28,110	40,567	52,913	64,645	74,056	83,722	82,265

70,076	70,881	70,397	69,678	69,260	72,794	74,455
319	638	948	1,250	1,555	1,963	2,346
60,008	60,361	59,613	58,672	57,988	60,595	61,618
7,640	7,745	7,708	7,645	7,616	8,021	8,222
379	384	382	379	377	397	407
1,731	1,754	1,746	1,732	1,725	1,817	1,862
-25,354	-24,327	-22,851	-21,321	-19,905	-19,567	-18,629
44,723	46,555	47,546	48,356	49,355	53,227	55,827

319,607	377,718	444,367	496,499	547,346	596,521	604,952
1,047	2,481	4,390	6,559	9,063	11,886	14,102
229,225	269,370	315,087	350,015	383,602	415,590	418,940
71,098	84,255	99,394	111,361	123,104	134,536	136,816
7,248	8,590	10,133	11,353	12,550	13,716	13,948
10,989	13,023	15,363	17,212	19,027	20,794	21,147
-183,497	-203,666	-224,079	-233,024	-237,767	-238,290	-220,525
136,110	174,052	220,287	263,476	309,579	358,231	384,427

37,724	58,196	80,089	104,244	131,278	140,081	135,286
308	638	1,102	1,728	2,546	3,112	3,389
22,818	35,008	47,914	62,020	77,668	82,410	79,137
6,415	9,909	13,655	17,796	22,440	23,975	23,184
6,246	9,648	13,294	17,326	21,848	23,343	22,573
1,938	2,993	4,124	5,375	6,777	7,241	7,002
-18,389	-26,724	-34,513	-41,976	-49,151	-48,487	-43,003
19,335	31,472	45,576	62,269	82,128	91,594	92,283

2,654,272	2,796,990	2,947,927	3,106,843	3,175,415	3,216,716	3,152,111
27,439	34,924	43,156	52,188	60,209	67,967	73,453
1,471,118	1,542,805	1,618,230	1,697,192	1,726,176	1,740,022	1,696,623
805,638	849,935	896,836	946,275	968,280	982,010	963,404
124,091	130,914	138,138	145,753	149,142	151,257	148,391
225,986	238,412	251,568	265,436	271,608	275,460	270,240
-507,946	-515,599	-522,704	-529,045	-518,404	-502,538	-470,291
2,146,326	2,281,391	2,425,223	2,577,798	2,657,011	2,714,178	2,681,820

122,429	130,617	139,314	148,034	153,380	160,520	155,121
578	1,162	1,823	2,561	3,302	4,139	4,662
107,484	114,092	121,065	127,977	131,906	137,318	131,992
12,072	12,910	13,803	14,702	15,269	16,018	15,517
278	298	318	339	352	369	358
2,016	2,156	2,305	2,455	2,550	2,675	2,591
-67,899	-67,973	-67,735	-66,911	-64,082	-61,575	-54,199
54,530	62,644	71,580	81,122	89,298	98,944	100,922

3,568,471	3,921,403	4,303,416	4,671,894	4,946,316	5,186,191	5,124,870
31,250	43,537	58,092	74,535	91,121	109,012	121,560
2,185,828	2,410,835	2,651,905	2,876,990	3,046,235	3,202,419	3,164,822
948,940	1,027,622	1,113,102	1,197,711	1,254,840	1,300,260	1,275,311
146,287	162,299	180,416	199,644	215,574	224,455	220,218
256,167	277,110	299,901	323,014	338,547	350,045	342,960
-1,001,005	-1,087,056	-1,169,130	-1,225,554	-1,249,365	-1,249,998	-1,154,711
2,567,466	2,834,347	3,134,287	3,446,340	3,696,951	3,936,194	3,970,159

13.95	13.95	13.95	13.95	13.95	13.95	13.95
21.58	21.58	21.58	21.58	21.58	21.58	21.58
8.75	8.75	8.75	8.75	8.75	8.75	8.75

3.07	3.07	3.07	3.07	3.07	3.07	3.07
4.48	4.48	4.48	4.48	4.48	4.48	4.48
15.47	15.47	15.47	15.47	15.47	15.47	15.47
22.14	22.14	22.14	22.14	22.14	22.14	22.14
8.82	8.82	8.82	8.82	8.82	8.82	8.82

3.20	3.20	3.20	3.20	3.20	3.20	3.20
4.92	4.92	4.92	4.92	4.92	4.92	4.92
15.72	15.72	15.72	15.72	15.72	15.72	15.72
22.94	22.94	22.94	22.94	22.94	22.94	22.94
11.19	11.19	11.19	11.19	11.19	11.19	11.19

3.09	3.09	3.09	3.09	3.09	3.09	3.09
4.86	4.86	4.86	4.86	4.86	4.86	4.86
12.76	12.76	12.76	12.76	12.76	12.76	12.76
19.91	19.91	19.91	19.91	19.91	19.91	19.91
9.43	9.43	9.43	9.43	9.43	9.43	9.43

387,801	392,956	395,115	411,620	428,195	429,145	430,094
8,363	8,474	8,520	8,876	9,234	9,254	9,275
302,039	306,054	307,736	320,591	333,500	334,240	334,979
46,138	46,752	47,008	48,972	50,944	51,057	51,170
15,636	15,844	15,931	16,596	17,264	17,303	17,341
15,625	15,833	15,920	16,585	17,252	17,291	17,329
-143,952	-129,414	-113,582	-101,094	-87,238	-69,464	-51,611
243,849	263,543	281,533	310,526	340,957	359,680	378,483

415,253	434,696	447,960	476,104	504,467	506,042	507,618
12,167	12,737	13,126	13,950	14,781	14,828	14,874
345,726	361,914	372,957	396,388	420,002	421,314	422,626
44,908	47,011	48,446	51,489	54,557	54,727	54,897
2,081	2,179	2,245	2,386	2,528	2,536	2,544
10,370	10,856	11,187	11,890	12,598	12,637	12,677
-107,135	-102,154	-94,967	-89,984	-83,741	-72,364	-60,914
308,118	332,543	352,992	386,120	420,725	433,678	446,703

97,484	91,867	85,957	86,324	86,691	87,057	87,424
-	-	-	-	-	-	-
51,845	48,858	45,715	45,910	46,105	46,299	46,495
20,858	19,656	18,391	18,470	18,548	18,627	18,705
16,009	15,087	14,116	14,176	14,237	14,297	14,357
8,772	8,267	7,735	7,768	7,801	7,834	7,867
-31,741	-26,764	-22,097	-19,233	-16,344	-13,430	-10,491
65,743	65,103	63,860	67,091	70,346	73,627	76,933

116,664	105,905	94,507	97,553	100,601	100,655	100,709
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3,571	3,242	2,893	2,986	3,080	3,081	3,083
90,443	82,102	73,266	75,627	77,990	78,032	78,074
16,983	15,417	13,758	14,201	14,645	14,653	14,661
361	328	292	302	311	311	312
5,306	4,816	4,298	4,436	4,575	4,578	4,580
-36,586	-29,795	-23,539	-21,149	-18,564	-15,326	-12,085
80,078	76,110	70,969	76,403	82,037	85,329	88,624

75,821	76,252	76,559	80,634	84,700	84,606	84,512
2,389	2,403	2,412	2,541	2,669	2,666	2,663
62,748	63,105	63,359	66,731	70,096	70,018	69,941
8,373	8,420	8,454	8,904	9,353	9,343	9,332
415	417	419	441	463	463	462
1,896	1,907	1,915	2,017	2,118	2,116	2,114
-17,560	-16,242	-14,883	-14,175	-13,315	-11,726	-10,141
58,261	60,010	61,676	66,458	71,385	72,879	74,371

609,734	616,613	616,698	636,841	657,009	657,433	657,857
14,213	14,373	14,375	14,845	15,315	15,325	15,335
422,251	427,015	427,074	441,023	454,990	455,284	455,577
137,897	139,453	139,472	144,028	148,589	148,685	148,781
14,058	14,217	14,219	14,683	15,148	15,158	15,168
21,314	21,554	21,557	22,261	22,966	22,981	22,996
-200,968	-181,695	-160,177	-143,162	-124,744	-101,858	-78,943
408,766	434,918	456,521	493,679	532,265	555,575	578,914

129,809	125,049	119,944	120,413	120,884	121,354	121,824
3,252	3,133	3,005	3,017	3,029	3,040	3,052
75,934	73,149	70,163	70,437	70,713	70,988	71,263
22,246	21,430	20,555	20,636	20,716	20,797	20,877
21,659	20,865	20,013	20,091	20,170	20,248	20,326
6,719	6,472	6,208	6,232	6,257	6,281	6,305
-37,593	-32,679	-27,955	-24,661	-21,340	-17,993	-14,619
92,216	92,369	91,989	95,753	99,544	103,361	107,205

3,071,410	2,991,918	2,887,261	2,925,214	2,963,304	2,969,713	2,976,122
71,572	69,720	67,281	68,165	69,053	69,202	69,352
1,653,186	1,610,399	1,554,068	1,574,496	1,594,998	1,598,448	1,601,897
938,739	914,443	882,456	894,056	905,697	907,656	909,615
144,592	140,850	135,923	137,709	139,503	139,804	140,106
263,322	256,506	247,534	250,788	254,053	254,603	255,152
-436,663	-404,334	-369,897	-354,200	-337,985	-317,844	-297,612
2,634,746	2,587,584	2,517,364	2,571,014	2,625,319	2,651,870	2,678,510

150,922	145,693	141,065	140,867	140,670	140,472	140,274
4,536	4,379	4,240	4,234	4,228	4,222	4,216
128,419	123,970	120,032	119,864	119,696	119,528	119,359
15,097	14,574	14,111	14,091	14,071	14,051	14,032
348	336	325	325	325	324	324
2,521	2,434	2,357	2,353	2,350	2,347	2,343
-47,571	-40,940	-34,815	-29,948	-25,096	-20,256	-15,430
103,351	104,753	106,250	110,919	115,574	120,216	124,844

5,054,897	4,980,949	4,865,066	4,975,569	5,086,519	5,096,476	5,106,433
120,064	118,461	115,853	118,615	121,388	121,619	121,849
3,132,591	3,096,566	3,034,368	3,111,067	3,188,090	3,194,150	3,200,210
1,251,239	1,227,156	1,192,651	1,214,846	1,237,121	1,239,596	1,242,070
215,159	210,121	203,483	206,710	209,949	210,445	210,940
335,845	328,646	318,710	324,330	329,972	330,668	331,364
-1,059,769	-964,015	-861,912	-797,606	-728,367	-640,262	-551,847
3,995,129	4,016,934	4,003,153	4,177,963	4,358,153	4,456,214	4,554,586

13.95	13.95	13.95	13.95	13.95	13.95	13.95
21.58	21.58	21.58	21.58	21.58	21.58	21.58
8.75	8.75	8.75	8.75	8.75	8.75	8.75

3.07	3.07	3.07	3.07	3.07	3.07	3.07
4.48	4.48	4.48	4.48	4.48	4.48	4.48
15.47	15.47	15.47	15.47	15.47	15.47	15.47
22.14	22.14	22.14	22.14	22.14	22.14	22.14
8.82	8.82	8.82	8.82	8.82	8.82	8.82

3.20	3.20	3.20	3.20	3.20	3.20	3.20
4.92	4.92	4.92	4.92	4.92	4.92	4.92
15.72	15.72	15.72	15.72	15.72	15.72	15.72
22.94	22.94	22.94	22.94	22.94	22.94	22.94
11.19	11.19	11.19	11.19	11.19	11.19	11.19

3.09	3.09	3.09	3.09	3.09	3.09	3.09
4.86	4.86	4.86	4.86	4.86	4.86	4.86
12.76	12.76	12.76	12.76	12.76	12.76	12.76
19.91	19.91	19.91	19.91	19.91	19.91	19.91
9.43	9.43	9.43	9.43	9.43	9.43	9.43

430,293	430,492	430,691	430,889	431,088	430,608	430,127
9,279	9,283	9,288	9,292	9,296	9,286	9,275
335,134	335,289	335,444	335,599	335,754	335,379	335,005
51,194	51,217	51,241	51,265	51,288	51,231	51,174
17,349	17,357	17,365	17,373	17,381	17,362	17,342
17,337	17,345	17,353	17,361	17,369	17,350	17,330
-51,635	-51,659	-51,683	-51,707	-51,731	-51,673	-51,615
378,658	378,833	379,008	379,183	379,358	378,935	378,512

508,221	508,826	509,429	510,033	510,637	510,351	510,066
14,891	14,909	14,927	14,944	14,962	14,954	14,945
423,128	423,631	424,134	424,637	425,140	424,902	424,664
54,963	55,028	55,093	55,159	55,224	55,193	55,162
2,547	2,550	2,553	2,556	2,559	2,558	2,556
12,692	12,707	12,722	12,737	12,752	12,745	12,738
-60,987	-61,059	-61,132	-61,204	-61,276	-61,242	-61,208
447,235	447,766	448,298	448,829	449,361	449,109	448,858

87,592	87,761	87,930	88,099	88,267	88,254	88,240
-	-	-	-	-	-	-
46,584	46,674	46,764	46,854	46,943	46,936	46,929
18,741	18,777	18,814	18,850	18,886	18,883	18,880
14,385	14,412	14,440	14,468	14,495	14,493	14,491
7,882	7,897	7,913	7,928	7,943	7,942	7,940
-10,511	-10,531	-10,552	-10,572	-10,592	-10,591	-10,589
77,081	77,230	77,378	77,527	77,675	77,664	77,652

100,608	100,507	100,406	100,305	100,204	99,967	99,730
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3,080	3,077	3,074	3,071	3,068	3,060	3,053
77,995	77,917	77,839	77,760	77,682	77,499	77,315
14,646	14,631	14,616	14,602	14,587	14,553	14,518
311	311	311	310	310	309	309
4,575	4,571	4,566	4,562	4,557	4,546	4,535
-12,073	-12,061	-12,049	-12,037	-12,024	-11,996	-11,968
88,535	88,446	88,357	88,268	88,180	87,971	87,763

84,298	84,084	83,871	83,658	83,444	83,129	82,815
2,656	2,649	2,643	2,636	2,629	2,619	2,609
69,764	69,587	69,410	69,234	69,057	68,797	68,536
9,309	9,285	9,262	9,238	9,214	9,180	9,145
461	460	459	458	457	455	453
2,108	2,103	2,098	2,092	2,087	2,079	2,071
-10,116	-10,090	-10,065	-10,039	-10,013	-9,976	-9,938
74,182	73,994	73,807	73,619	73,431	73,154	72,877

657,413	656,969	656,525	656,082	655,637	654,229	652,822
15,324	15,314	15,304	15,293	15,283	15,250	15,217
455,270	454,962	454,655	454,348	454,040	453,065	452,090
148,680	148,580	148,480	148,379	148,279	147,960	147,642
15,158	15,147	15,137	15,127	15,117	15,084	15,052
22,981	22,965	22,950	22,934	22,918	22,869	22,820
-78,890	-78,836	-78,783	-78,730	-78,676	-78,508	-78,339
578,523	578,132	577,742	577,352	576,961	575,722	574,483

122,034	122,244	122,454	122,664	122,874	122,844	122,815
3,057	3,063	3,068	3,073	3,078	3,078	3,077
71,385	71,508	71,631	71,754	71,877	71,860	71,842
20,913	20,949	20,985	21,021	21,057	21,052	21,047
20,361	20,397	20,432	20,467	20,502	20,497	20,492
6,316	6,327	6,338	6,349	6,360	6,358	6,357
-14,644	-14,669	-14,694	-14,720	-14,745	-14,741	-14,738
107,390	107,575	107,759	107,944	108,129	108,103	108,077

2,977,360	2,978,597	2,979,835	2,981,073	2,982,311	2,978,876	2,975,441
69,381	69,409	69,438	69,467	69,496	69,416	69,336
1,602,563	1,603,229	1,603,896	1,604,562	1,605,228	1,603,379	1,601,531
909,993	910,372	910,750	911,128	911,507	910,457	909,407
140,164	140,222	140,281	140,339	140,397	140,236	140,074
255,258	255,364	255,471	255,577	255,683	255,388	255,094
-297,736	-297,860	-297,984	-298,107	-298,231	-297,888	-297,544
2,679,624	2,680,737	2,681,852	2,682,966	2,684,080	2,680,988	2,677,897

139,881	139,488	139,094	138,701	138,307	137,749	137,190
4,204	4,192	4,181	4,169	4,157	4,140	4,123
119,025	118,690	118,355	118,021	117,686	117,211	116,735
13,992	13,953	13,914	13,874	13,835	13,779	13,723
323	322	321	320	319	318	317
2,337	2,330	2,324	2,317	2,310	2,301	2,292
-15,387	-15,344	-15,300	-15,257	-15,214	-15,152	-15,091
124,494	124,144	123,794	123,444	123,094	122,597	122,100

5,107,701	5,108,967	5,110,235	5,111,503	5,112,771	5,106,009	5,099,247
121,873	121,897	121,921	121,945	121,970	121,803	121,637
3,200,850	3,201,488	3,202,128	3,202,768	3,203,407	3,199,027	3,194,648
1,242,432	1,242,793	1,243,154	1,243,516	1,243,877	1,242,288	1,240,698
211,059	211,179	211,298	211,418	211,537	211,311	211,086
331,487	331,610	331,733	331,857	331,980	331,579	331,178
-551,978	-552,109	-552,241	-552,372	-552,503	-551,766	-551,029
4,555,723	4,556,858	4,557,994	4,559,131	4,560,268	4,554,243	4,548,218

13.95	13.95	13.95	13.95	13.95	13.95	13.95
21.58	21.58	21.58	21.58	21.58	21.58	21.58
8.75	8.75	8.75	8.75	8.75	8.75	8.75

3.07	3.07	3.07	3.07	3.07	3.07	3.07
4.48	4.48	4.48	4.48	4.48	4.48	4.48
15.47	15.47	15.47	15.47	15.47	15.47	15.47
22.14	22.14	22.14	22.14	22.14	22.14	22.14
8.82	8.82	8.82	8.82	8.82	8.82	8.82

3.20	3.20	3.20	3.20	3.20	3.20	3.20
4.92	4.92	4.92	4.92	4.92	4.92	4.92
15.72	15.72	15.72	15.72	15.72	15.72	15.72
22.94	22.94	22.94	22.94	22.94	22.94	22.94
11.19	11.19	11.19	11.19	11.19	11.19	11.19

3.09	3.09	3.09	3.09	3.09	3.09	3.09
4.86	4.86	4.86	4.86	4.86	4.86	4.86
12.76	12.76	12.76	12.76	12.76	12.76	12.76
19.91	19.91	19.91	19.91	19.91	19.91	19.91
9.43	9.43	9.43	9.43	9.43	9.43	9.43

429,647	429,166	428,685	427,575	426,466	425,355	424,246
9,265	9,255	9,244	9,220	9,197	9,173	9,149
334,631	334,256	333,882	333,018	332,153	331,289	330,425
51,117	51,060	51,002	50,870	50,738	50,606	50,474
17,323	17,304	17,284	17,239	17,195	17,150	17,105
17,311	17,292	17,272	17,228	17,183	17,138	17,093
-51,558	-51,500	-51,442	-51,309	-51,176	-51,043	-50,910
378,089	377,666	377,243	376,266	375,290	374,313	373,337

509,780	509,495	509,209	508,096	506,982	505,869	504,756
14,937	14,929	14,920	14,888	14,855	14,822	14,790
424,426	424,189	423,951	423,024	422,097	421,170	420,243
55,131	55,100	55,070	54,949	54,829	54,708	54,588
2,555	2,554	2,552	2,547	2,541	2,535	2,530
12,731	12,724	12,716	12,689	12,661	12,633	12,605
-61,174	-61,139	-61,105	-60,972	-60,838	-60,704	-60,571
448,607	448,356	448,104	447,125	446,145	445,165	444,185

88,227	88,214	88,200	88,020	87,839	87,658	87,478
-	-	-	-	-	-	-
46,922	46,915	46,908	46,812	46,715	46,619	46,523
18,877	18,874	18,871	18,833	18,794	18,755	18,717
14,489	14,487	14,484	14,455	14,425	14,395	14,366
7,939	7,938	7,937	7,921	7,904	7,888	7,872
-10,587	-10,586	-10,584	-10,562	-10,541	-10,519	-10,497
77,640	77,629	77,616	77,458	77,298	77,139	76,981

99,494	99,257	99,020	98,659	98,299	97,939	97,578
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3,046	3,039	3,031	3,020	3,009	2,998	2,987
77,132	76,948	76,764	76,485	76,206	75,926	75,647
14,484	14,449	14,415	14,362	14,310	14,257	14,205
308	307	306	305	304	303	302
4,525	4,514	4,503	4,487	4,470	4,454	4,438
-11,939	-11,911	-11,882	-11,839	-11,796	-11,753	-11,709
87,555	87,346	87,137	86,820	86,503	86,186	85,869

82,500	82,185	81,871	81,467	81,062	80,658	80,254
2,599	2,590	2,580	2,567	2,554	2,541	2,529
68,276	68,015	67,755	67,421	67,086	66,751	66,417
9,110	9,075	9,041	8,996	8,951	8,907	8,862
451	450	448	446	443	441	439
2,063	2,056	2,048	2,038	2,027	2,017	2,007
-9,900	-9,862	-9,824	-9,776	-9,727	-9,679	-9,631
72,600	72,323	72,046	71,691	71,335	70,979	70,624

651,414	650,006	648,598	646,378	644,157	641,937	639,716
15,185	15,152	15,119	15,067	15,015	14,964	14,912
451,116	450,140	449,165	447,628	446,090	444,552	443,014
147,324	147,005	146,687	146,185	145,683	145,180	144,678
15,019	14,987	14,954	14,903	14,852	14,801	14,750
22,771	22,722	22,672	22,595	22,517	22,440	22,362
-78,170	-78,001	-77,832	-77,565	-77,299	-77,032	-76,766
573,244	572,005	570,766	568,812	566,858	564,904	562,950

122,786	122,757	122,728	122,477	122,225	121,975	121,724
3,076	3,075	3,075	3,068	3,062	3,056	3,050
71,825	71,808	71,791	71,644	71,497	71,351	71,204
21,042	21,037	21,032	20,989	20,946	20,903	20,860
20,487	20,482	20,477	20,435	20,393	20,352	20,310
6,355	6,354	6,352	6,339	6,326	6,313	6,300
-14,734	-14,731	-14,727	-14,697	-14,667	-14,637	-14,607
108,052	108,026	108,000	107,779	107,558	107,338	107,117

2,972,007	2,968,572	2,965,138	2,957,377	2,949,615	2,941,854	2,934,093
69,256	69,176	69,096	68,915	68,734	68,553	68,372
1,599,682	1,597,834	1,595,985	1,591,807	1,587,630	1,583,452	1,579,275
908,357	907,308	906,258	903,886	901,514	899,141	896,769
139,912	139,751	139,589	139,223	138,858	138,493	138,127
254,799	254,505	254,211	253,545	252,880	252,214	251,549
-297,201	-296,857	-296,514	-295,738	-294,962	-294,185	-293,409
2,674,807	2,671,715	2,668,624	2,661,639	2,654,654	2,647,668	2,640,684

136,632	136,074	135,515	134,812	134,109	133,405	132,702
4,107	4,090	4,073	4,052	4,031	4,010	3,988
116,260	115,785	115,310	114,712	114,113	113,515	112,916
13,667	13,612	13,556	13,485	13,415	13,345	13,274
315	314	313	311	309	308	306
2,282	2,273	2,264	2,252	2,240	2,229	2,217
-15,030	-14,968	-14,907	-14,829	-14,752	-14,675	-14,597
121,603	121,106	120,608	119,983	119,357	118,731	118,104

5,092,488	5,085,726	5,078,964	5,064,861	5,050,755	5,036,651	5,022,547
121,471	121,304	121,138	120,798	120,457	120,117	119,777
3,190,270	3,185,891	3,181,511	3,172,550	3,163,587	3,154,626	3,145,664
1,239,110	1,237,520	1,235,931	1,232,556	1,229,179	1,225,803	1,222,428
210,860	210,634	210,408	209,865	209,321	208,778	208,235
330,777	330,376	329,975	329,093	328,209	327,326	326,443
-550,292	-549,555	-548,818	-547,288	-545,757	-544,227	-542,697
4,542,196	4,536,171	4,530,146	4,517,573	4,504,998	4,492,424	4,479,850

13.95	13.95	13.95	13.95	13.95	13.95
21.58	21.58	21.58	21.58	21.58	21.58
8.75	8.75	8.75	8.75	8.75	8.75

3.07	3.07	3.07	3.07	3.07	3.07
4.48	4.48	4.48	4.48	4.48	4.48
15.47	15.47	15.47	15.47	15.47	15.47
22.14	22.14	22.14	22.14	22.14	22.14
8.82	8.82	8.82	8.82	8.82	8.82

3.20	3.20	3.20	3.20	3.20	3.20
4.92	4.92	4.92	4.92	4.92	4.92
15.72	15.72	15.72	15.72	15.72	15.72
22.94	22.94	22.94	22.94	22.94	22.94
11.19	11.19	11.19	11.19	11.19	11.19

3.09	3.09	3.09	3.09	3.09	3.09
4.86	4.86	4.86	4.86	4.86	4.86
12.76	12.76	12.76	12.76	12.76	12.76
19.91	19.91	19.91	19.91	19.91	19.91
9.43	9.43	9.43	9.43	9.43	9.43

423,136	421,478	419,820	418,161	416,503	414,844
9,125	9,089	9,053	9,017	8,982	8,946
329,560	328,269	326,977	325,685	324,394	323,102
50,342	50,145	49,948	49,750	49,553	49,356
17,060	16,994	16,927	16,860	16,793	16,726
17,049	16,982	16,915	16,848	16,781	16,715
-50,776	-50,577	-50,378	-50,179	-49,980	-49,781
372,360	370,900	369,441	367,982	366,523	365,063

503,643	501,805	499,967	498,129	496,290	494,451
14,757	14,703	14,650	14,596	14,542	14,488
419,316	417,786	416,256	414,725	413,195	411,664
54,468	54,269	54,070	53,871	53,672	53,473
2,524	2,515	2,506	2,497	2,487	2,478
12,577	12,532	12,486	12,440	12,394	12,348
-60,437	-60,217	-59,996	-59,775	-59,555	-59,334
443,206	441,588	439,971	438,353	436,735	435,117

87,297	86,971	86,646	86,320	85,994	85,668
-	-	-	-	-	-
46,427	46,254	46,081	45,907	45,734	45,561
18,678	18,608	18,539	18,469	18,399	18,330
14,336	14,283	14,229	14,176	14,122	14,069
7,856	7,826	7,797	7,768	7,738	7,709
-10,476	-10,437	-10,397	-10,358	-10,319	-10,280
76,822	76,535	76,248	75,961	75,675	75,388

97,219	96,753	96,288	95,823	95,357	94,892
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2,976	2,962	2,948	2,933	2,919	2,905
75,368	75,007	74,647	74,286	73,925	73,565
14,152	14,085	14,017	13,949	13,882	13,814
301	299	298	297	295	294
4,421	4,400	4,379	4,358	4,337	4,315
-11,666	-11,610	-11,555	-11,499	-11,443	-11,387
85,552	85,142	84,734	84,324	83,914	83,505
79,850	79,373	78,895	78,418	77,941	77,463
2,516	2,501	2,486	2,471	2,456	2,441
66,082	65,688	65,292	64,897	64,502	64,107
8,817	8,765	8,712	8,659	8,607	8,554
437	434	432	429	426	424
1,997	1,985	1,973	1,961	1,949	1,937
-9,582	-9,525	-9,467	-9,410	-9,353	-9,296
70,268	69,848	69,428	69,008	68,588	68,168
637,496	634,582	631,668	628,754	625,839	622,926
14,860	14,792	14,724	14,656	14,588	14,521
441,477	439,459	437,441	435,423	433,405	431,387
144,176	143,517	142,858	142,199	141,540	140,881
14,698	14,631	14,564	14,497	14,430	14,363
22,284	22,182	22,081	21,979	21,877	21,775
-76,500	-76,150	-75,800	-75,450	-75,101	-74,751
560,997	558,432	555,868	553,303	550,739	548,175
121,473	121,029	120,585	120,141	119,697	119,253
3,043	3,032	3,021	3,010	2,999	2,988
71,057	70,798	70,538	70,278	70,019	69,759
20,817	20,741	20,665	20,589	20,513	20,437
20,268	20,194	20,120	20,046	19,972	19,898
6,287	6,264	6,241	6,218	6,195	6,172
-14,577	-14,523	-14,470	-14,417	-14,364	-14,310
106,897	106,506	106,115	105,724	105,334	104,943
2,926,331	2,914,802	2,903,272	2,891,743	2,880,213	2,868,683
68,191	67,923	67,654	67,385	67,117	66,848
1,575,097	1,568,892	1,562,686	1,556,480	1,550,274	1,544,068
894,397	890,873	887,349	883,826	880,302	876,778
137,762	137,219	136,676	136,134	135,591	135,048
250,883	249,895	248,907	247,918	246,930	245,941
-292,633	-291,480	-290,327	-289,174	-288,021	-286,868
2,633,698	2,623,322	2,612,945	2,602,568	2,592,192	2,581,815
131,998	131,177	130,356	129,535	128,714	127,894
3,967	3,943	3,918	3,893	3,869	3,844
112,317	111,619	110,920	110,222	109,523	108,825
13,204	13,122	13,040	12,957	12,875	12,793
305	303	301	299	297	295
2,205	2,191	2,178	2,164	2,150	2,137
-14,520	-14,429	-14,339	-14,249	-14,159	-14,068
117,478	116,748	116,017	115,286	114,556	113,825

5,008,444	4,987,969	4,967,497	4,947,023	4,926,550	4,906,075
119,436	118,945	118,454	117,962	117,471	116,980
3,136,703	3,123,770	3,110,838	3,097,904	3,084,971	3,072,037
1,219,052	1,214,125	1,209,197	1,204,270	1,199,343	1,194,415
207,691	206,872	206,052	205,233	204,413	203,594
325,560	324,258	322,956	321,654	320,352	319,050
-541,167	-538,949	-536,731	-534,513	-532,295	-530,076
4,467,277	4,449,021	4,430,766	4,412,511	4,394,255	4,375,999

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

OPEX

Ano do Contrato de Concessão	TOTAL	1
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Tabela 18 - Projeções de OPEX por Município (R\$ Mil)

1 Belford Roxo		
Produção de Água	291,273	6,805
Materiais de Tratamento	-	-
Energia	244,433	5,853
Pessoal	23,573	479
Manutenção	7,824	159
Outros Custos Operacionais	15,443	314
Distribuição de Água	889,971	18,077
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	447,998	9,100
Manutenção	148,587	3,018
Outros Custos Operacionais	293,386	5,959
Coleta de Esgoto	797,804	9,645
Materiais de Tratamento	-	-
Energia	74,154	606
Pessoal	364,276	4,550
Manutenção	120,816	1,509
Outros Custos Operacionais	238,558	2,980
Tratamento de Esgoto	551,421	7,225
Materiais de Tratamento	160,874	2,053
Energia	352,458	4,697
Pessoal	19,175	239
Manutenção	6,359	79
Outros Custos Operacionais	12,555	157
2 Duque de Caxias		
Produção de Água	399,649	8,128
Materiais de Tratamento	6,902	151
Energia	317,506	6,362
Pessoal	37,875	813
Manutenção	12,560	270
Outros Custos Operacionais	24,806	532
Distribuição de Água	1,429,578	30,689
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	719,625	15,448
Manutenção	238,679	5,124
Outros Custos Operacionais	471,274	10,117
Coleta de Esgoto	1,242,696	6,736
Materiais de Tratamento	-	-

Energia	171,259	887
Pessoal	539,342	2,944
Manutenção	178,887	977
Outros Custos Operacionais	353,208	1,928

Tratamento de Esgoto	850,072	3,749
Materiais de Tratamento	258,129	2,084
Energia	535,555	1,358
Pessoal	28,389	155
Manutenção	9,411	51
Outros Custos Operacionais	18,588	101

3 Japeri

Produção de Água	48,058	564
Materiais de Tratamento	-	-
Energia	37,091	370
Pessoal	5,519	98
Manutenção	1,830	32
Outros Custos Operacionais	3,618	64

Distribuição de Água	208,434	3,685
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	104,919	1,855
Manutenção	34,802	615
Outros Custos Operacionais	68,713	1,215

Coleta de Esgoto	188,297	-
Materiais de Tratamento	-	-
Energia	10,846	-
Pessoal	89,325	-
Manutenção	29,625	-
Outros Custos Operacionais	58,501	-

Tratamento de Esgoto	81,306	-
Materiais de Tratamento	24,613	-
Energia	47,349	-
Pessoal	4,703	-
Manutenção	1,560	-
Outros Custos Operacionais	3,081	-

4 Mesquita

Produção de Água	145,863	7,185
Materiais de Tratamento	-	-
Energia	130,171	6,789
Pessoal	7,899	199
Manutenção	2,620	66
Outros Custos Operacionais	5,173	131

Distribuição de Água	298,183	7,529
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	150,098	3,790
Manutenção	49,788	1,257
Outros Custos Operacionais	98,297	2,482

Coleta de Esgoto	270,903	4,859
Materiais de Tratamento	-	-
Energia	29,391	1,082
Pessoal	121,566	1,901
Manutenção	40,324	631
Outros Custos Operacionais	79,622	1,245

Tratamento de Esgoto	275,034	7,320
Materiais de Tratamento	85,400	1,117
Energia	176,926	6,004
Pessoal	6,398	100
Manutenção	2,123	33
Outros Custos Operacionais	4,187	66

5 Nilópolis

Produção de Água	126,032	4,662
Materiais de Tratamento	-	-
Energia	115,444	4,383
Pessoal	5,339	140
Manutenção	1,763	47
Outros Custos Operacionais	3,486	92

Distribuição de Água	201,396	5,299
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	101,373	2,667
Manutenção	33,634	885
Outros Custos Operacionais	66,389	1,747

Coleta de Esgoto	162,590	1,236
Materiais de Tratamento	-	-
Energia	13,769	64
Pessoal	74,912	590
Manutenção	24,853	196
Outros Custos Operacionais	49,056	386

Tratamento de Esgoto	178,114	2,189
Materiais de Tratamento	58,428	539
Energia	111,844	1,589
Pessoal	3,949	31
Manutenção	1,315	10
Outros Custos Operacionais	2,578	20

6 Novo Iguaçu

Produção de Água	641,150	10,877
Materiais de Tratamento	22,275	-
Energia	561,940	9,531
Pessoal	28,652	677
Manutenção	9,508	225
Outros Custos Operacionais	18,775	444

Distribuição de Água	1,081,658	25,571
Materiais de Tratamento	-	-
Energia	-	-

Pessoal	544,488	12,872
Manutenção	180,591	4,269
Outros Custos Operacionais	356,579	8,430
Coleta de Esgoto	1,013,936	12,956
Materiais de Tratamento	-	-
Energia	130,947	14
Pessoal	444,491	6,515
Manutenção	147,416	2,161
Outros Custos Operacionais	291,082	4,266
Tratamento de Esgoto	845,225	13,061
Materiais de Tratamento	345,912	11,526
Energia	452,833	853
Pessoal	23,402	343
Manutenção	7,756	114
Outros Custos Operacionais	15,322	225

7 Queimados

Produção de Água	16,818	380
Materiais de Tratamento	-	-
Energia	2,748	86
Pessoal	7,082	148
Manutenção	2,346	49
Outros Custos Operacionais	4,642	97
Distribuição de Água	267,246	5,575
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	134,523	2,806
Manutenção	44,622	931
Outros Custos Operacionais	88,101	1,838
Coleta de Esgoto	247,962	2,810
Materiais de Tratamento	-	-
Energia	13,182	13
Pessoal	118,180	1,408
Manutenção	39,202	467
Outros Custos Operacionais	77,398	922
Tratamento de Esgoto	136,194	1,067
Materiais de Tratamento	46,230	919
Energia	77,604	-
Pessoal	6,219	74
Manutenção	2,066	25
Outros Custos Operacionais	4,075	49

8 Rio de Janeiro - AP 1, 2.2 e 3

Produção de Água	3,502,666	107,972
Materiais de Tratamento	2,660	76
Energia	2,829,894	96,356
Pessoal	283,220	7,102
Manutenção	105,681	2,650
Outros Custos Operacionais	281,211	1,788

Distribuição de Água	8,223,536	206,225
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	5,381,076	134,944
Manutenção	2,007,827	50,351
Outros Custos Operacionais	834,633	20,930
Coleta de Esgoto	7,974,871	185,367
Materiais de Tratamento	-	-
Energia	764,783	22,557
Pessoal	4,717,928	106,535
Manutenção	1,760,395	39,751
Outros Custos Operacionais	731,765	16,524
Tratamento de Esgoto	5,226,754	125,474
Materiais de Tratamento	1,628,632	30,397
Energia	3,218,656	86,508
Pessoal	248,311	5,607
Manutenção	92,646	2,092
Outros Custos Operacionais	38,509	870

9 Sao Joao de Meriti

Produção de Água	340,837	10,081
Materiais de Tratamento	-	-
Energia	314,882	9,429
Pessoal	13,063	328
Manutenção	4,340	109
Outros Custos Operacionais	8,552	215
Distribuição de Água	493,411	12,392
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	248,379	6,238
Manutenção	82,381	2,069
Outros Custos Operacionais	162,651	4,085
Coleta de Esgoto	-	-
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	-	-
Manutenção	-	-
Outros Custos Operacionais	-	-
Tratamento de Esgoto	-	-
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	-	-
Manutenção	-	-
Outros Custos Operacionais	-	-

TOTAL

Produção de Água	5,512,346	156,654
Materiais de Tratamento	31,837	227
Energia	4,554,109	139,159
Pessoal	412,222	9,984

Manutenção	148,472	3,607
Outros Custos Operacionais	365,706	3,677
Distribuição de Água	13,093,413	315,042
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	7,832,479	189,720
Manutenção	2,820,911	68,519
Outros Custos Operacionais	2,440,023	56,803
Coleta de Esgoto	11,899,059	223,609
Materiais de Tratamento	-	-
Energia	1,208,331	25,223
Pessoal	6,470,020	124,443
Manutenção	2,341,518	45,692
Outros Custos Operacionais	1,879,190	28,251
Tratamento de Esgoto	8,144,120	160,085
Materiais de Tratamento	2,608,218	48,635
Energia	4,973,225	101,009
Pessoal	340,546	6,549
Manutenção	123,236	2,404
Outros Custos Operacionais	98,895	1,488

mento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 4

2	3	4	5	6
8,989	9,034	9,079	9,036	8,951
-	-	-	-	-
8,023	8,023	8,023	7,933	7,804
486	509	532	555	577
161	169	176	184	192
319	333	348	364	378
18,358	19,210	20,078	20,964	21,793
-	-	-	-	-
-	-	-	-	-
9,241	9,670	10,107	10,553	10,970
3,065	3,207	3,352	3,500	3,639
6,052	6,333	6,619	6,911	7,184
9,788	9,910	10,032	10,155	10,242
-	-	-	-	-
609	591	573	555	535
4,621	4,691	4,762	4,832	4,886
1,532	1,556	1,579	1,603	1,621
3,026	3,072	3,118	3,165	3,200
7,376	8,423	8,495	8,600	8,722
2,167	3,346	3,552	3,794	4,063
4,726	4,586	4,445	4,301	4,149
243	247	251	254	257
81	82	83	84	85
159	162	164	167	168
12,047	12,157	12,218	12,163	12,064
151	200	200	200	200
10,255	10,255	10,255	10,137	9,981
826	857	888	919	948
274	284	294	305	314
541	561	581	602	621
31,191	32,337	33,504	34,691	35,770
-	-	-	-	-
-	-	-	-	-
15,701	16,278	16,865	17,463	18,006
5,208	5,399	5,594	5,792	5,972
10,282	10,660	11,045	11,436	11,792
6,794	6,921	7,047	7,078	7,088
-	-	-	-	-

888	873	857	829	800
2,973	3,044	3,116	3,146	3,165
986	1,010	1,033	1,043	1,050
1,947	1,994	2,041	2,060	2,073
4,096	5,425	6,491	7,090	8,201
2,427	3,771	4,855	5,493	6,646
1,359	1,336	1,311	1,268	1,224
156	160	164	166	167
52	53	54	55	55
102	105	107	108	109
570	610	708	1,804	1,844
-	-	-	-	-
373	390	465	1,538	1,555
99	111	122	134	146
33	37	41	44	48
65	72	80	88	95
3,755	4,176	4,609	5,055	5,503
-	-	-	-	-
-	-	-	-	-
1,890	2,102	2,320	2,545	2,770
627	697	770	844	919
1,238	1,377	1,519	1,666	1,814
-	1,307	2,877	4,104	5,421
-	-	-	-	-
-	119	457	409	419
-	598	1,218	1,860	2,518
-	198	404	617	835
-	392	798	1,218	1,649
-	62	127	1,959	2,213
-	-	-	687	845
-	-	-	1,078	1,104
-	31	64	98	133
-	10	21	32	44
-	21	42	64	87
7,190	7,196	7,202	6,684	6,149
-	-	-	-	-
6,789	6,789	6,789	6,263	5,724
202	205	208	212	214
67	68	69	70	71
132	134	136	139	140
7,625	7,744	7,863	7,984	8,078
-	-	-	-	-
-	-	-	-	-
3,838	3,898	3,958	4,019	4,066
1,273	1,293	1,313	1,333	1,349
2,514	2,553	2,592	2,632	2,663

4,911	4,890	4,869	4,848	4,812
-	-	-	-	-
1,087	1,019	950	881	811
1,925	1,949	1,973	1,997	2,014
638	646	654	662	668
1,261	1,276	1,292	1,308	1,319
7,429	7,682	7,414	12,036	15,862
1,201	1,827	1,936	2,049	2,162
6,027	5,651	5,272	9,778	13,490
101	103	104	105	106
34	34	34	35	35
66	67	68	69	69
4,665	4,668	4,671	4,508	4,335
-	-	-	-	-
4,383	4,383	4,383	4,216	4,041
142	143	145	147	148
47	48	48	49	49
93	94	95	96	97
5,351	5,415	5,479	5,542	5,587
-	-	-	-	-
-	-	-	-	-
2,694	2,726	2,758	2,790	2,812
893	904	915	925	933
1,764	1,785	1,806	1,827	1,842
1,248	1,258	1,267	1,277	1,283
-	-	-	-	-
64	62	59	57	55
596	602	608	614	618
198	200	202	204	205
390	394	398	402	405
2,238	2,462	2,488	2,533	2,590
584	862	945	1,046	1,161
1,592	1,536	1,479	1,423	1,364
31	32	32	32	33
10	11	11	11	11
21	21	21	21	21
18,883	21,327	21,361	21,008	20,604
-	675	675	675	675
17,519	19,255	19,255	18,868	18,434
686	703	720	737	752
228	233	239	245	250
450	461	472	483	493
25,909	26,543	27,185	27,834	28,398
-	-	-	-	-
-	-	-	-	-

13,042	13,361	13,684	14,011	14,295
4,326	4,432	4,539	4,647	4,741
8,541	8,750	8,962	9,176	9,362
13,127	13,649	14,180	14,359	14,492
-	-	-	-	-
14	14	14	13	13
6,601	6,864	7,131	7,222	7,289
2,189	2,276	2,365	2,395	2,417
4,323	4,495	4,670	4,729	4,773
13,264	25,605	26,603	27,010	27,425
11,717	24,029	24,999	25,418	25,849
857	858	859	837	814
347	361	375	380	384
115	120	124	126	127
228	237	246	249	251
386	407	434	449	468
-	-	-	-	-
87	89	97	91	91
150	160	170	180	190
50	53	56	60	63
99	105	111	118	124
5,680	6,043	6,414	6,796	7,158
-	-	-	-	-
-	-	-	-	-
2,859	3,042	3,229	3,421	3,603
948	1,009	1,071	1,135	1,195
1,873	1,992	2,114	2,240	2,360
3,091	4,025	5,117	5,976	6,965
-	-	-	-	-
240	300	486	410	458
1,435	1,875	2,331	2,802	3,276
476	622	773	929	1,086
940	1,228	1,527	1,835	2,145
1,076	2,754	3,496	3,438	3,823
926	2,225	2,715	1,164	1,267
-	332	537	1,981	2,214
76	99	123	147	172
25	33	41	49	57
49	65	80	97	113
112,598	112,803	113,010	110,845	108,736
76	76	76	76	76
97,455	97,455	97,455	95,081	92,433
7,187	7,316	7,446	7,576	7,682
2,682	2,730	2,778	2,827	2,867
5,198	5,226	5,255	5,285	5,678

208,692	212,428	216,194	219,989	223,069
-	-	-	-	-
-	-	-	-	-
136,558	139,002	141,467	143,950	145,965
50,953	51,866	52,785	53,712	54,464
21,181	21,560	21,942	22,327	22,640
187,450	188,772	190,085	191,389	192,077
-	-	-	-	-
22,693	22,069	21,435	20,793	20,108
107,809	109,082	110,356	111,630	112,528
40,226	40,702	41,177	41,652	41,987
16,722	16,919	17,117	17,314	17,454
128,115	137,614	136,484	135,406	134,252
32,416	44,207	45,403	46,687	47,998
87,028	84,634	82,205	79,741	77,202
5,674	5,741	5,808	5,875	5,923
2,117	2,142	2,167	2,192	2,210
880	890	901	911	919
11,823	11,836	11,848	11,533	11,190
-	-	-	-	-
11,165	11,165	11,165	10,838	10,484
331	338	344	350	355
110	112	114	116	118
217	221	225	229	233
12,512	12,746	12,982	13,220	13,411
-	-	-	-	-
-	-	-	-	-
6,298	6,416	6,535	6,655	6,751
2,089	2,128	2,167	2,207	2,239
4,125	4,202	4,280	4,358	4,421
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
177,151	180,038	180,531	178,030	174,341
227	951	951	951	951
156,049	157,804	157,887	154,965	150,547
10,109	10,342	10,575	10,810	11,012

3,652	3,734	3,815	3,900	3,972
7,114	7,207	7,303	7,404	7,859
319,073	326,642	334,308	342,075	348,767
-	-	-	-	-
-	-	-	-	-
192,121	196,495	200,923	205,407	209,238
69,382	70,935	72,506	74,095	75,451
57,570	59,212	60,879	62,573	64,078
226,409	230,732	235,474	239,186	242,380
-	-	-	-	-
25,595	25,047	24,831	23,947	23,199
125,960	128,705	131,495	134,103	136,294
46,245	47,210	48,187	49,105	49,869
28,609	29,770	30,961	32,031	33,018
163,594	190,027	191,598	198,072	203,088
51,438	80,267	84,405	86,338	89,991
101,589	98,933	96,108	100,407	101,561
6,628	6,774	6,921	7,057	7,175
2,434	2,485	2,535	2,584	2,624
1,505	1,568	1,629	1,686	1,737

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8,842	8,708	7,960	8,379	8,166
-	-	-	-	-
7,650	7,472	6,678	7,050	6,795
600	622	645	669	690
199	206	214	222	229
393	408	423	438	452
22,635	23,490	24,358	25,239	26,036
-	-	-	-	-
-	-	-	-	-
11,394	11,824	12,261	12,705	13,106
3,779	3,922	4,067	4,214	4,347
7,462	7,744	8,030	8,320	8,583
13,229	15,406	17,422	19,816	21,972
-	-	-	-	-
1,566	1,744	1,723	2,039	2,151
5,871	6,877	7,903	8,949	9,978
1,947	2,281	2,621	2,968	3,309
3,845	4,504	5,175	5,860	6,534
9,798	10,820	13,225	14,993	15,772
4,437	4,814	4,584	4,809	4,969
4,748	5,287	7,815	9,249	9,760
309	362	416	471	525
102	120	138	156	174
202	237	272	308	344
11,945	11,806	11,758	11,630	11,250
200	200	200	200	200
9,804	9,607	9,500	9,312	8,879
977	1,006	1,036	1,066	1,093
324	334	344	354	362
640	659	678	698	716
36,865	37,975	39,101	40,244	41,243
-	-	-	-	-
-	-	-	-	-
18,557	19,116	19,683	20,258	20,761
6,155	6,340	6,528	6,719	6,886
12,153	12,519	12,890	13,267	13,596
12,440	17,603	22,819	28,155	33,280
-	-	-	-	-

1,877	2,658	3,384	4,124	4,654
5,317	7,523	9,783	12,097	14,410
1,764	2,495	3,245	4,012	4,779
3,482	4,927	6,407	7,922	9,437
14,109	15,901	21,431	24,032	26,343
6,273	6,798	8,122	8,516	9,305
7,280	8,317	12,286	14,251	15,531
280	396	515	637	758
93	131	171	211	252
183	259	337	417	497
1,754	1,662	1,356	1,480	1,386
-	-	-	-	-
1,460	1,364	1,053	1,173	1,076
148	150	152	155	156
49	50	51	51	52
97	98	100	101	102
5,584	5,667	5,751	5,833	5,898
-	-	-	-	-
-	-	-	-	-
2,811	2,853	2,895	2,936	2,969
932	946	960	974	985
1,841	1,868	1,896	1,923	1,944
5,477	5,532	5,540	5,640	5,676
-	-	-	-	-
399	379	312	337	315
2,556	2,594	2,632	2,670	2,699
848	860	873	885	895
1,674	1,699	1,723	1,748	1,767
2,169	2,123	1,956	2,031	1,978
850	854	858	862	865
1,051	998	822	889	831
135	137	139	141	142
45	45	46	47	47
88	89	91	92	93
5,614	5,077	3,433	4,014	3,484
-	-	-	-	-
5,183	4,642	2,993	3,569	3,035
217	219	222	224	226
72	73	73	74	75
142	143	145	147	148
8,172	8,266	8,362	8,458	8,524
-	-	-	-	-
-	-	-	-	-
4,114	4,161	4,209	4,258	4,291
1,364	1,380	1,396	1,412	1,423
2,694	2,725	2,757	2,788	2,810

5,365	5,907	6,240	6,965	7,454
-	-	-	-	-
831	833	616	783	729
2,282	2,554	2,831	3,112	3,385
757	847	939	1,032	1,123
1,495	1,673	1,854	2,038	2,217
6,995	7,141	6,074	7,134	6,951
2,148	2,254	2,360	2,466	2,552
4,608	4,620	3,418	4,343	4,045
120	134	149	164	178
40	45	49	54	59
79	88	98	107	117
4,159	3,981	3,395	3,621	3,432
-	-	-	-	-
3,863	3,683	3,094	3,317	3,128
149	150	152	153	153
49	50	50	51	51
98	98	99	100	100
5,630	5,675	5,719	5,763	5,787
-	-	-	-	-
-	-	-	-	-
2,834	2,857	2,879	2,901	2,913
940	947	955	962	966
1,856	1,871	1,885	1,900	1,908
2,037	2,662	3,254	3,913	4,526
-	-	-	-	-
242	292	303	375	407
903	1,193	1,485	1,781	2,073
300	396	493	591	688
592	781	973	1,166	1,358
2,980	3,340	4,147	4,869	5,263
1,257	1,353	1,687	1,813	1,919
1,628	1,862	2,305	2,870	3,128
48	63	78	94	109
16	21	26	31	36
31	41	51	61	71
20,173	19,720	17,916	18,746	18,195
675	675	675	675	675
17,973	17,489	15,655	16,454	15,879
767	783	798	814	826
255	260	265	270	274
503	513	523	533	541
28,968	29,545	30,126	30,714	31,193
-	-	-	-	-
-	-	-	-	-

14,582	14,872	15,165	15,461	15,702
4,836	4,933	5,030	5,128	5,208
9,550	9,740	9,931	10,125	10,283
19,702	21,959	23,969	26,507	28,700
-	-	-	-	-
3,254	3,510	3,484	3,953	4,133
8,280	9,287	10,312	11,353	12,366
2,746	3,080	3,420	3,766	4,102
5,422	6,082	6,753	7,435	8,099
30,704	33,994	19,747	21,682	22,489
28,949	32,064	6,149	6,292	6,346
889	959	12,520	14,203	14,850
436	489	543	598	651
145	162	180	198	216
285	320	355	391	426
470	473	464	475	475
-	-	-	-	-
88	85	73	78	74
192	195	197	200	202
64	65	65	66	67
126	128	129	131	132
7,255	7,351	7,448	7,545	7,610
-	-	-	-	-
-	-	-	-	-
3,652	3,701	3,749	3,798	3,831
1,211	1,227	1,244	1,260	1,270
2,392	2,423	2,455	2,487	2,509
7,038	7,111	7,146	7,256	7,298
-	-	-	-	-
443	428	376	397	380
3,320	3,364	3,408	3,453	3,482
1,101	1,116	1,130	1,145	1,155
2,174	2,203	2,232	2,261	2,281
3,760	3,697	3,456	3,565	4,179
1,272	1,277	1,282	1,286	1,267
2,141	2,068	1,819	1,918	2,548
175	177	179	182	183
58	59	59	60	61
114	116	117	119	120
106,524	104,212	100,408	98,070	95,483
76	76	76	76	76
89,677	86,817	82,464	79,646	76,621
7,789	7,897	8,005	8,067	8,103
2,906	2,946	2,987	3,010	3,024
6,076	6,476	6,876	7,271	7,659

226,169	229,290	232,433	234,244	235,296
-	-	-	-	-
-	-	-	-	-
147,994	150,036	152,093	153,278	153,966
55,221	55,983	56,750	57,192	57,449
22,954	23,271	23,590	23,774	23,881
200,388	206,587	212,814	219,066	224,647
-	-	-	-	-
22,093	21,890	21,636	21,328	20,928
116,667	120,857	125,098	129,390	133,304
43,532	45,095	46,677	48,279	49,739
18,096	18,745	19,403	20,069	20,676
151,354	151,351	151,131	150,694	148,019
47,309	47,837	48,367	48,901	47,626
94,662	93,793	92,702	91,386	89,671
6,140	6,361	6,584	6,810	7,016
2,291	2,373	2,457	2,541	2,618
952	987	1,021	1,056	1,088
10,835	10,470	9,504	9,864	9,604
-	-	-	-	-
10,119	9,745	8,767	9,117	8,849
360	365	371	376	380
120	121	123	125	126
236	239	243	246	249
13,602	13,794	13,987	14,182	14,327
-	-	-	-	-
-	-	-	-	-
6,847	6,944	7,041	7,139	7,212
2,271	2,303	2,335	2,368	2,392
4,484	4,547	4,611	4,675	4,723
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
170,316	166,109	156,194	156,279	151,475
951	951	951	951	951
145,817	140,904	130,277	129,716	124,336
11,199	11,387	11,578	11,724	11,829

4,038	4,105	4,172	4,223	4,260
8,311	8,762	9,216	9,665	10,099
354,880	361,053	367,285	372,222	375,914
-	-	-	-	-
-	-	-	-	-
212,785	216,364	219,975	222,734	224,751
76,709	77,981	79,265	80,229	80,926
65,386	66,708	68,045	69,259	70,237
265,676	282,767	299,204	317,318	333,553
-	-	-	-	-
30,705	31,734	31,834	33,336	33,697
145,196	154,249	163,452	172,805	181,697
52,995	56,170	59,398	62,678	65,790
36,780	40,614	44,520	48,499	52,369
221,869	228,367	221,167	229,000	230,994
92,495	97,251	73,409	74,945	74,849
117,007	117,904	133,687	139,109	140,364
7,643	8,119	8,603	9,097	9,562
2,790	2,956	3,126	3,298	3,463
1,934	2,137	2,342	2,551	2,756

12	13	14	15	16
8,189	8,214	8,239	8,263	8,271
-	-	-	-	-
6,810	6,825	6,841	6,856	6,859
694	699	704	708	711
230	232	233	235	236
455	458	461	464	465
26,211	26,388	26,563	26,739	26,827
-	-	-	-	-
-	-	-	-	-
13,194	13,283	13,371	13,460	13,504
4,376	4,406	4,435	4,464	4,479
8,641	8,699	8,757	8,815	8,844
24,257	26,568	26,735	26,899	26,982
-	-	-	-	-
2,365	2,580	2,586	2,592	2,593
11,020	12,075	12,156	12,236	12,277
3,655	4,005	4,032	4,058	4,072
7,217	7,908	7,961	8,013	8,040
17,046	18,326	18,307	18,289	18,238
5,163	5,357	5,304	5,251	5,192
10,731	11,706	11,732	11,758	11,763
580	636	640	644	646
192	211	212	214	214
380	416	419	422	423
11,286	11,321	11,356	11,392	11,405
200	200	200	200	200
8,899	8,919	8,939	8,959	8,964
1,101	1,108	1,116	1,124	1,128
365	368	370	373	374
721	726	731	736	739
41,540	41,837	42,133	42,430	42,592
-	-	-	-	-
-	-	-	-	-
20,911	21,060	21,209	21,359	21,440
6,935	6,985	7,034	7,084	7,111
13,694	13,792	13,890	13,987	14,041
38,727	44,253	44,546	44,838	44,994
-	-	-	-	-

5,434	6,220	6,243	6,265	6,275
16,759	19,145	19,281	19,417	19,491
5,559	6,350	6,395	6,440	6,464
10,975	12,538	12,627	12,716	12,764
28,162	30,866	30,768	30,667	31,054
8,745	9,053	8,902	8,750	9,125
17,664	19,811	19,849	19,887	19,891
882	1,008	1,015	1,022	1,026
293	334	337	339	340
578	660	665	669	672
1,394	1,404	1,411	1,419	1,423
-	-	-	-	-
1,081	1,086	1,090	1,095	1,097
158	160	161	163	164
52	53	54	54	54
103	105	106	107	108
5,961	6,027	6,091	6,155	6,198
-	-	-	-	-
-	-	-	-	-
3,001	3,034	3,066	3,098	3,120
995	1,006	1,017	1,028	1,035
1,965	1,987	2,008	2,029	2,043
5,737	5,797	5,855	5,917	5,956
-	-	-	-	-
317	318	319	321	321
2,728	2,758	2,787	2,817	2,836
905	915	924	934	941
1,787	1,806	1,825	1,845	1,858
2,734	2,744	2,758	2,768	2,775
779	780	782	783	784
1,669	1,676	1,684	1,691	1,694
144	145	147	148	149
48	48	49	49	50
94	95	96	97	98
3,488	3,491	3,495	3,499	3,497
-	-	-	-	-
3,037	3,038	3,040	3,042	3,039
227	228	229	230	231
75	76	76	76	76
149	149	150	151	151
8,566	8,606	8,647	8,687	8,702
-	-	-	-	-
-	-	-	-	-
4,312	4,332	4,353	4,373	4,380
1,430	1,437	1,444	1,450	1,453
2,824	2,837	2,850	2,864	2,869

8,056	8,664	8,702	8,739	8,752
-	-	-	-	-
785	841	842	842	841
3,660	3,938	3,957	3,975	3,982
1,214	1,306	1,312	1,319	1,321
2,397	2,579	2,591	2,603	2,608
7,408	7,865	7,853	7,842	7,820
2,669	2,786	2,771	2,755	2,736
4,356	4,667	4,669	4,672	4,667
193	207	208	209	210
64	69	69	69	70
126	136	136	137	137
3,431	3,428	3,425	3,423	3,416
-	-	-	-	-
3,125	3,122	3,119	3,116	3,109
154	154	154	155	155
51	51	51	51	51
101	101	101	101	101
5,802	5,815	5,829	5,843	5,843
-	-	-	-	-
-	-	-	-	-
2,920	2,927	2,934	2,941	2,941
969	971	973	976	976
1,913	1,917	1,922	1,926	1,926
5,160	5,797	5,810	5,821	5,820
-	-	-	-	-
459	510	510	509	508
2,366	2,661	2,668	2,674	2,674
785	883	885	887	887
1,550	1,743	1,747	1,751	1,751
5,795	6,336	6,302	6,268	6,225
2,011	2,115	2,085	2,054	2,022
3,536	3,943	3,938	3,934	3,923
125	140	140	141	141
41	46	47	47	47
82	92	92	92	92
18,215	18,233	18,252	18,271	18,263
675	675	675	675	675
15,889	15,899	15,910	15,920	15,909
831	835	839	844	845
276	277	278	280	280
544	547	550	552	554
31,354	31,517	31,678	31,841	31,912
-	-	-	-	-
-	-	-	-	-

15,783	15,865	15,946	16,028	16,064
5,235	5,262	5,289	5,316	5,328
10,336	10,390	10,443	10,497	10,520
31,055	33,429	33,579	33,729	33,792
-	-	-	-	-
4,455	4,777	4,780	4,783	4,780
13,390	14,423	14,497	14,571	14,604
4,441	4,784	4,808	4,833	4,844
8,769	9,445	9,494	9,542	9,564
23,839	25,188	25,124	25,059	24,964
6,432	6,517	6,434	6,351	6,263
16,006	17,163	17,174	17,185	17,174
705	759	763	767	769
234	252	253	254	255
462	497	500	502	503
478	482	486	489	491
-	-	-	-	-
75	75	75	75	76
203	205	207	208	209
67	68	69	69	69
133	134	135	137	137
7,674	7,739	7,803	7,869	7,903
-	-	-	-	-
-	-	-	-	-
3,863	3,896	3,928	3,961	3,978
1,281	1,292	1,303	1,314	1,320
2,530	2,551	2,572	2,594	2,605
7,358	7,418	7,478	7,539	7,572
-	-	-	-	-
381	383	384	386	386
3,512	3,541	3,571	3,601	3,617
1,165	1,175	1,184	1,194	1,200
2,300	2,319	2,339	2,358	2,369
4,195	4,210	4,224	4,241	4,248
1,270	1,272	1,274	1,277	1,278
2,558	2,568	2,577	2,587	2,592
185	186	188	190	190
61	62	62	63	63
121	122	123	124	125
96,090	96,698	97,307	97,918	97,974
76	76	76	76	76
76,788	76,954	77,121	77,287	77,319
8,140	8,176	8,212	8,248	8,263
3,037	3,051	3,064	3,078	3,083
8,049	8,441	8,834	9,229	9,233

236,348	237,400	238,451	239,503	239,922
-	-	-	-	-
-	-	-	-	-
154,654	155,343	156,031	156,719	156,993
57,706	57,963	58,219	58,476	58,579
23,988	24,094	24,201	24,308	24,350
231,768	237,887	238,892	239,896	240,287
-	-	-	-	-
22,022	22,070	22,118	22,166	22,175
137,247	141,220	141,846	142,472	142,722
51,211	52,693	52,927	53,160	53,253
21,288	21,904	22,001	22,098	22,137
153,395	154,423	154,547	154,670	154,548
47,997	48,500	48,369	48,237	48,056
94,359	94,564	94,768	94,973	95,012
7,224	7,433	7,466	7,499	7,512
2,695	2,773	2,786	2,798	2,803
1,120	1,153	1,158	1,163	1,165
9,590	9,578	9,566	9,551	9,526
-	-	-	-	-
8,835	8,821	8,807	8,792	8,767
380	381	382	382	382
126	126	127	127	127
249	250	250	250	250
14,355	14,381	14,406	14,434	14,434
-	-	-	-	-
-	-	-	-	-
7,226	7,239	7,252	7,266	7,266
2,397	2,401	2,405	2,410	2,410
4,732	4,741	4,749	4,758	4,758
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
152,161	152,849	153,537	154,225	154,266
951	951	951	951	951
124,539	124,739	124,942	125,142	125,139
11,888	11,946	12,004	12,062	12,088

4,279	4,302	4,322	4,343	4,350
10,504	10,911	11,318	11,727	11,738
377,811	379,710	381,601	383,501	384,333
-	-	-	-	-
-	-	-	-	-
225,864	226,979	228,090	229,205	229,686
81,324	81,723	82,119	82,518	82,691
70,623	71,008	71,392	71,778	71,956
352,118	369,813	371,597	373,378	374,155
-	-	-	-	-
36,218	37,699	37,782	37,864	37,879
190,682	199,761	200,763	201,763	202,203
68,935	72,111	72,467	72,825	72,982
56,283	60,242	60,585	60,926	61,091
242,574	249,958	249,883	249,804	249,872
75,066	76,380	75,921	75,458	75,456
150,879	156,098	156,391	156,687	156,716
10,038	10,514	10,567	10,620	10,643
3,628	3,795	3,815	3,833	3,842
2,963	3,171	3,189	3,206	3,215

17

18

19

20

21

8,279	8,286	8,294	8,303	8,296
-	-	-	-	-
6,862	6,865	6,868	6,872	6,864
713	715	718	720	721
237	237	238	239	239
467	469	470	472	472
26,916	27,005	27,092	27,182	27,198
-	-	-	-	-
-	-	-	-	-
13,549	13,594	13,638	13,683	13,691
4,494	4,509	4,523	4,538	4,541
8,873	8,902	8,931	8,961	8,966
27,062	27,145	27,227	27,309	27,321
-	-	-	-	-
2,594	2,595	2,597	2,598	2,595
12,317	12,358	12,398	12,439	12,447
4,085	4,099	4,112	4,126	4,128
8,066	8,093	8,120	8,146	8,151
18,189	18,137	18,630	18,580	18,500
5,132	5,071	4,966	4,905	4,839
11,769	11,774	12,368	12,374	12,360
648	650	653	655	655
215	216	216	217	217
425	426	427	429	429
11,419	11,431	11,442	11,456	11,450
200	200	200	200	200
8,968	8,972	8,976	8,981	8,971
1,133	1,137	1,141	1,145	1,147
376	377	378	380	381
742	745	747	750	751
42,753	42,914	43,073	43,234	43,309
-	-	-	-	-
-	-	-	-	-
21,521	21,602	21,682	21,763	21,801
7,138	7,165	7,191	7,218	7,231
14,094	14,147	14,200	14,253	14,277
45,150	45,306	45,463	45,618	45,684
-	-	-	-	-

6,285	6,295	6,305	6,314	6,313
19,564	19,638	19,711	19,785	19,819
6,489	6,513	6,538	6,562	6,573
12,812	12,860	12,909	12,957	12,979
30,362	30,206	30,047	29,888	30,225
8,422	8,254	8,085	7,915	8,275
19,894	19,898	19,902	19,905	19,878
1,030	1,034	1,037	1,041	1,043
342	343	344	345	346
674	677	679	682	683
1,427	1,432	1,437	1,441	1,441
-	-	-	-	-
1,099	1,101	1,103	1,105	1,105
165	167	168	169	169
55	55	56	56	56
108	109	110	111	111
6,242	6,285	6,329	6,373	6,396
-	-	-	-	-
-	-	-	-	-
3,142	3,164	3,186	3,208	3,220
1,042	1,049	1,057	1,064	1,068
2,058	2,072	2,086	2,101	2,108
5,996	6,037	6,077	6,117	6,139
-	-	-	-	-
322	323	323	324	324
2,856	2,876	2,896	2,916	2,927
947	954	961	967	971
1,871	1,884	1,897	1,910	1,917
2,779	2,785	2,792	2,798	2,799
784	785	785	786	786
1,697	1,700	1,704	1,707	1,707
150	151	152	153	154
50	50	51	51	51
98	99	100	101	101
3,495	3,492	3,491	3,487	3,480
-	-	-	-	-
3,036	3,033	3,030	3,026	3,019
231	231	232	232	232
77	77	77	77	77
151	151	152	152	152
8,717	8,731	8,746	8,761	8,761
-	-	-	-	-
-	-	-	-	-
4,388	4,395	4,403	4,410	4,410
1,455	1,458	1,460	1,463	1,463
2,874	2,878	2,883	2,888	2,888

8,764	8,778	8,789	8,803	8,801
-	-	-	-	-
840	840	839	838	836
3,989	3,996	4,002	4,009	4,009
1,323	1,325	1,327	1,330	1,330
2,612	2,617	2,621	2,626	2,626
7,795	7,773	7,749	7,725	7,692
2,716	2,697	2,677	2,658	2,636
4,662	4,658	4,653	4,648	4,637
210	210	211	211	211
70	70	70	70	70
137	138	138	138	138
3,408	3,401	3,393	3,386	3,375
-	-	-	-	-
3,101	3,094	3,086	3,079	3,068
155	155	155	155	155
51	51	51	51	51
101	101	101	101	101
5,843	5,843	5,843	5,843	5,843
-	-	-	-	-
-	-	-	-	-
2,941	2,941	2,941	2,941	2,941
976	976	976	976	976
1,926	1,926	1,926	1,926	1,926
5,819	5,817	5,816	5,815	5,813
-	-	-	-	-
507	505	504	503	501
2,674	2,674	2,674	2,674	2,674
887	887	887	887	887
1,751	1,751	1,751	1,751	1,751
6,182	6,140	6,097	6,055	6,007
1,989	1,957	1,924	1,892	1,858
3,913	3,903	3,893	3,883	3,869
141	141	141	141	141
47	47	47	47	47
92	92	92	92	92
18,256	18,250	18,242	18,236	18,202
675	675	675	675	675
15,898	15,888	15,877	15,866	15,832
847	849	851	853	853
281	282	282	283	283
555	556	557	559	559
31,985	32,057	32,128	32,200	32,200
-	-	-	-	-
-	-	-	-	-

16,101	16,137	16,173	16,209	16,209
5,340	5,352	5,364	5,376	5,376
10,544	10,568	10,591	10,615	10,615
33,853	33,916	33,978	34,040	34,029
-	-	-	-	-
4,776	4,773	4,770	4,767	4,756
14,637	14,670	14,703	14,736	14,736
4,855	4,866	4,876	4,887	4,887
9,585	9,607	9,629	9,650	9,650
24,867	24,770	24,674	24,576	24,446
6,175	6,086	5,997	5,908	5,815
17,162	17,150	17,139	17,127	17,090
770	772	774	776	776
256	256	257	257	257
504	506	507	508	508
494	495	497	500	500
-	-	-	-	-
76	76	76	76	76
210	211	212	213	213
70	70	70	71	71
138	138	139	140	140
7,938	7,974	8,010	8,045	8,057
-	-	-	-	-
-	-	-	-	-
3,996	4,014	4,032	4,050	4,056
1,325	1,331	1,337	1,343	1,345
2,617	2,629	2,641	2,652	2,656
7,604	7,637	7,669	7,703	7,713
-	-	-	-	-
387	388	388	389	389
3,633	3,649	3,665	3,682	3,687
1,205	1,210	1,216	1,221	1,223
2,379	2,390	2,400	2,411	2,414
4,254	4,263	4,269	4,277	4,276
1,279	1,280	1,281	1,282	1,282
2,596	2,601	2,605	2,610	2,609
191	192	193	194	194
63	64	64	64	64
125	126	126	127	127
98,029	98,087	98,143	98,200	98,106
76	76	76	76	76
77,351	77,384	77,416	77,448	77,359
8,277	8,292	8,306	8,321	8,321
3,088	3,094	3,099	3,105	3,105
9,237	9,241	9,246	9,250	9,245

240,342	240,760	241,181	241,600	241,600
-	-	-	-	-
-	-	-	-	-
157,268	157,542	157,817	158,091	158,091
58,681	58,783	58,886	58,988	58,988
24,393	24,435	24,478	24,521	24,521
240,676	241,066	241,458	241,848	241,822
-	-	-	-	-
22,184	22,193	22,202	22,212	22,186
142,971	143,220	143,470	143,719	143,719
53,346	53,439	53,533	53,626	53,626
22,175	22,214	22,253	22,291	22,291
154,424	154,298	154,371	154,443	154,305
47,872	47,687	47,700	47,714	47,685
95,052	95,091	95,131	95,170	95,061
7,525	7,538	7,551	7,564	7,564
2,808	2,813	2,818	2,822	2,822
1,167	1,169	1,171	1,173	1,173
9,500	9,474	9,449	9,423	9,388
-	-	-	-	-
8,741	8,715	8,690	8,664	8,629
382	382	382	382	382
127	127	127	127	127
250	250	250	250	250
14,434	14,434	14,434	14,434	14,434
-	-	-	-	-
-	-	-	-	-
7,266	7,266	7,266	7,266	7,266
2,410	2,410	2,410	2,410	2,410
4,758	4,758	4,758	4,758	4,758
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
154,307	154,348	154,388	154,432	154,238
951	951	951	951	951
125,132	125,128	125,122	125,117	124,923
12,113	12,139	12,165	12,190	12,193

4,362	4,370	4,378	4,389	4,390
11,749	11,760	11,772	11,785	11,781
385,170	386,003	386,836	387,672	387,798
-	-	-	-	-
-	-	-	-	-
230,172	230,655	231,138	231,621	231,685
82,861	83,033	83,204	83,376	83,398
72,137	72,315	72,494	72,675	72,715
374,924	375,702	376,477	377,253	377,322
-	-	-	-	-
37,895	37,912	37,928	37,945	37,900
202,641	203,081	203,519	203,960	204,018
73,137	73,293	73,450	73,606	73,625
61,251	61,416	61,580	61,742	61,779
248,852	248,372	248,629	248,342	248,250
74,369	73,817	73,415	73,060	73,176
156,745	156,775	157,395	157,424	157,211
10,665	10,688	10,712	10,735	10,738
3,851	3,859	3,867	3,873	3,874
3,222	3,233	3,240	3,250	3,251

22	23	24	25	26
8,288	8,281	8,275	8,268	8,251
-	-	-	-	-
6,856	6,849	6,841	6,833	6,816
721	721	722	722	722
239	239	239	240	240
472	472	473	473	473
27,216	27,232	27,249	27,265	27,265
-	-	-	-	-
-	-	-	-	-
13,700	13,708	13,717	13,725	13,725
4,544	4,547	4,549	4,552	4,552
8,972	8,977	8,983	8,988	8,988
27,333	27,345	27,358	27,369	27,363
-	-	-	-	-
2,592	2,589	2,586	2,583	2,577
12,454	12,462	12,470	12,477	12,477
4,131	4,133	4,136	4,138	4,138
8,156	8,161	8,166	8,171	8,171
18,483	18,469	18,453	18,436	18,397
4,836	4,833	4,830	4,826	4,819
12,346	12,332	12,319	12,305	12,273
655	656	656	657	657
217	218	218	218	218
429	430	430	430	430
11,443	11,437	11,431	11,425	11,402
200	200	200	200	200
8,960	8,950	8,940	8,930	8,907
1,149	1,151	1,153	1,155	1,155
381	382	383	383	383
753	754	755	757	757
43,382	43,457	43,531	43,605	43,609
-	-	-	-	-
-	-	-	-	-
21,838	21,876	21,913	21,950	21,952
7,243	7,255	7,268	7,280	7,281
14,301	14,326	14,350	14,375	14,376
45,750	45,817	45,882	45,947	45,938
-	-	-	-	-

6,311	6,310	6,308	6,306	6,294
19,853	19,887	19,921	19,955	19,956
6,585	6,596	6,607	6,618	6,619
13,001	13,024	13,046	13,068	13,069
29,657	29,627	29,598	29,569	30,029
7,730	7,725	7,719	7,714	8,231
19,851	19,823	19,796	19,769	19,712
1,045	1,047	1,048	1,050	1,050
347	347	348	348	348
684	685	687	688	688
1,442	1,445	1,445	1,446	1,444
-	-	-	-	-
1,105	1,105	1,105	1,104	1,102
170	171	171	172	172
56	57	57	57	57
111	112	112	113	113
6,419	6,443	6,464	6,488	6,492
-	-	-	-	-
-	-	-	-	-
3,231	3,243	3,254	3,266	3,268
1,072	1,076	1,079	1,083	1,084
2,116	2,124	2,131	2,139	2,140
6,159	6,181	6,202	6,222	6,225
-	-	-	-	-
324	324	324	324	323
2,937	2,948	2,959	2,969	2,971
974	978	981	985	985
1,924	1,931	1,938	1,944	1,946
2,799	2,800	2,802	2,802	2,797
786	786	786	786	785
1,706	1,706	1,706	1,706	1,702
155	155	156	156	156
51	51	52	52	52
101	102	102	102	102
3,473	3,466	3,459	3,452	3,441
-	-	-	-	-
3,012	3,005	2,998	2,991	2,980
232	232	232	232	232
77	77	77	77	77
152	152	152	152	152
8,761	8,761	8,761	8,761	8,761
-	-	-	-	-
-	-	-	-	-
4,410	4,410	4,410	4,410	4,410
1,463	1,463	1,463	1,463	1,463
2,888	2,888	2,888	2,888	2,888

8,799	8,797	8,795	8,793	8,790
-	-	-	-	-
834	832	830	828	825
4,009	4,009	4,009	4,009	4,009
1,330	1,330	1,330	1,330	1,330
2,626	2,626	2,626	2,626	2,626
7,676	7,660	7,644	7,629	7,605
2,631	2,626	2,621	2,617	2,609
4,626	4,615	4,604	4,593	4,577
211	211	211	211	211
70	70	70	70	70
138	138	138	138	138
3,364	3,352	3,341	3,330	3,316
-	-	-	-	-
3,057	3,045	3,034	3,023	3,009
155	155	155	155	155
51	51	51	51	51
101	101	101	101	101
5,843	5,843	5,843	5,843	5,843
-	-	-	-	-
-	-	-	-	-
2,941	2,941	2,941	2,941	2,941
976	976	976	976	976
1,926	1,926	1,926	1,926	1,926
5,811	5,809	5,807	5,805	5,803
-	-	-	-	-
499	497	495	493	491
2,674	2,674	2,674	2,674	2,674
887	887	887	887	887
1,751	1,751	1,751	1,751	1,751
5,986	5,966	5,946	5,927	5,901
1,852	1,847	1,842	1,837	1,830
3,854	3,839	3,824	3,810	3,791
141	141	141	141	141
47	47	47	47	47
92	92	92	92	92
18,168	18,134	18,100	18,066	18,012
675	675	675	675	675
15,798	15,764	15,730	15,696	15,642
853	853	853	853	853
283	283	283	283	283
559	559	559	559	559
32,200	32,200	32,200	32,200	32,200
-	-	-	-	-
-	-	-	-	-

16,209	16,209	16,209	16,209	16,209
5,376	5,376	5,376	5,376	5,376
10,615	10,615	10,615	10,615	10,615
34,019	34,009	33,999	33,988	33,972
-	-	-	-	-
4,746	4,736	4,726	4,715	4,699
14,736	14,736	14,736	14,736	14,736
4,887	4,887	4,887	4,887	4,887
9,650	9,650	9,650	9,650	9,650
24,404	24,362	24,319	24,277	24,210
5,809	5,804	5,798	5,793	5,784
17,054	17,017	16,980	16,943	16,885
776	776	776	776	776
257	257	257	257	257
508	508	508	508	508
501	501	501	503	503
-	-	-	-	-
76	76	76	76	76
214	214	214	215	215
71	71	71	71	71
140	140	140	141	141
8,068	8,079	8,090	8,102	8,102
-	-	-	-	-
-	-	-	-	-
4,061	4,067	4,072	4,078	4,078
1,347	1,349	1,351	1,353	1,353
2,660	2,663	2,667	2,671	2,671
7,724	7,733	7,743	7,754	7,753
-	-	-	-	-
389	389	389	389	388
3,692	3,697	3,702	3,707	3,707
1,225	1,226	1,228	1,230	1,230
2,418	2,421	2,424	2,428	2,428
4,276	4,277	4,276	4,276	4,269
1,282	1,282	1,281	1,281	1,280
2,609	2,608	2,607	2,607	2,601
194	195	195	195	195
64	65	65	65	65
127	127	128	128	128
98,010	97,916	97,822	97,727	97,513
76	76	76	76	76
77,269	77,180	77,091	77,002	76,800
8,321	8,321	8,321	8,321	8,321
3,105	3,105	3,105	3,105	3,105
9,239	9,234	9,229	9,223	9,211

241,600	241,600	241,600	241,600	241,600
-	-	-	-	-
-	-	-	-	-
158,091	158,091	158,091	158,091	158,091
58,988	58,988	58,988	58,988	58,988
24,521	24,521	24,521	24,521	24,521
241,796	241,771	241,745	241,720	241,662
-	-	-	-	-
22,160	22,135	22,109	22,084	22,026
143,719	143,719	143,719	143,719	143,719
53,626	53,626	53,626	53,626	53,626
22,291	22,291	22,291	22,291	22,291
154,165	154,024	153,885	153,745	153,428
47,655	47,624	47,594	47,564	47,494
94,951	94,841	94,732	94,622	94,375
7,564	7,564	7,564	7,564	7,564
2,822	2,822	2,822	2,822	2,822
1,173	1,173	1,173	1,173	1,173
9,353	9,318	9,283	9,248	9,205
-	-	-	-	-
8,594	8,559	8,524	8,489	8,446
382	382	382	382	382
127	127	127	127	127
250	250	250	250	250
14,434	14,434	14,434	14,434	14,434
-	-	-	-	-
-	-	-	-	-
7,266	7,266	7,266	7,266	7,266
2,410	2,410	2,410	2,410	2,410
4,758	4,758	4,758	4,758	4,758
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
154,042	153,850	153,657	153,465	153,087
951	951	951	951	951
124,727	124,533	124,339	124,144	123,778
12,197	12,200	12,203	12,207	12,207

4,390	4,392	4,393	4,394	4,394
11,777	11,774	11,771	11,769	11,757
387,923	388,049	388,172	388,298	388,306
-	-	-	-	-
-	-	-	-	-
231,747	231,811	231,873	231,936	231,940
83,419	83,440	83,460	83,481	83,483
72,757	72,798	72,839	72,881	72,883
377,391	377,462	377,531	377,598	377,506
-	-	-	-	-
37,855	37,812	37,767	37,722	37,623
204,074	204,132	204,190	204,246	204,249
73,645	73,663	73,682	73,701	73,702
61,817	61,855	61,892	61,929	61,932
247,446	247,185	246,923	246,661	246,636
72,581	72,527	72,471	72,418	72,832
156,997	156,781	156,568	156,355	155,916
10,741	10,745	10,747	10,750	10,750
3,875	3,877	3,879	3,879	3,879
3,252	3,255	3,258	3,259	3,259

27

28

29

30

31

8,233	8,215	8,197	8,180	8,153
-	-	-	-	-
6,798	6,780	6,762	6,745	6,718
722	722	722	722	722
240	240	240	240	240
473	473	473	473	473
27,265	27,265	27,265	27,265	27,265
-	-	-	-	-
-	-	-	-	-
13,725	13,725	13,725	13,725	13,725
4,552	4,552	4,552	4,552	4,552
8,988	8,988	8,988	8,988	8,988
27,356	27,349	27,343	27,336	27,326
-	-	-	-	-
2,570	2,563	2,557	2,550	2,540
12,477	12,477	12,477	12,477	12,477
4,138	4,138	4,138	4,138	4,138
8,171	8,171	8,171	8,171	8,171
18,357	18,317	18,278	18,238	18,179
4,811	4,803	4,796	4,788	4,776
12,241	12,209	12,177	12,145	12,098
657	657	657	657	657
218	218	218	218	218
430	430	430	430	430
11,378	11,355	11,332	11,308	11,273
200	200	200	200	200
8,883	8,859	8,836	8,812	8,777
1,155	1,156	1,156	1,156	1,156
383	383	383	383	383
757	757	757	757	757
43,611	43,615	43,617	43,621	43,621
-	-	-	-	-
-	-	-	-	-
21,953	21,955	21,956	21,958	21,958
7,281	7,282	7,282	7,283	7,283
14,377	14,378	14,379	14,380	14,380
45,928	45,919	45,909	45,899	45,877
-	-	-	-	-

6,282	6,269	6,257	6,245	6,223
19,957	19,959	19,960	19,961	19,961
6,619	6,620	6,620	6,621	6,621
13,070	13,071	13,072	13,072	13,072
29,431	29,363	29,296	29,227	29,645
7,689	7,677	7,665	7,653	8,152
19,656	19,600	19,544	19,487	19,406
1,050	1,050	1,051	1,051	1,051
348	348	348	348	348
688	688	688	688	688
1,442	1,440	1,437	1,435	1,431
-	-	-	-	-
1,100	1,098	1,095	1,093	1,089
172	172	172	172	172
57	57	57	57	57
113	113	113	113	113
6,497	6,500	6,504	6,509	6,509
-	-	-	-	-
-	-	-	-	-
3,270	3,272	3,274	3,276	3,276
1,085	1,085	1,086	1,087	1,087
2,142	2,143	2,144	2,146	2,146
6,228	6,232	6,234	6,238	6,237
-	-	-	-	-
322	322	321	320	319
2,973	2,975	2,977	2,979	2,979
986	987	987	988	988
1,947	1,948	1,949	1,951	1,951
2,793	2,791	2,787	2,783	2,775
784	784	783	783	781
1,699	1,695	1,692	1,688	1,682
156	157	157	157	157
52	52	52	52	52
102	103	103	103	103
3,430	3,419	3,408	3,397	3,383
-	-	-	-	-
2,969	2,958	2,947	2,936	2,922
232	232	232	232	232
77	77	77	77	77
152	152	152	152	152
8,761	8,761	8,761	8,761	8,761
-	-	-	-	-
-	-	-	-	-
4,410	4,410	4,410	4,410	4,410
1,463	1,463	1,463	1,463	1,463
2,888	2,888	2,888	2,888	2,888

8,787	8,784	8,781	8,778	8,774
-	-	-	-	-
822	819	816	813	809
4,009	4,009	4,009	4,009	4,009
1,330	1,330	1,330	1,330	1,330
2,626	2,626	2,626	2,626	2,626
7,581	7,557	7,533	7,509	7,478
2,602	2,595	2,587	2,580	2,571
4,560	4,543	4,527	4,510	4,488
211	211	211	211	211
70	70	70	70	70
138	138	138	138	138
3,301	3,287	3,272	3,258	3,240
-	-	-	-	-
2,994	2,980	2,965	2,951	2,933
155	155	155	155	155
51	51	51	51	51
101	101	101	101	101
5,843	5,843	5,843	5,843	5,843
-	-	-	-	-
-	-	-	-	-
2,941	2,941	2,941	2,941	2,941
976	976	976	976	976
1,926	1,926	1,926	1,926	1,926
5,800	5,798	5,795	5,793	5,790
-	-	-	-	-
488	486	483	481	478
2,674	2,674	2,674	2,674	2,674
887	887	887	887	887
1,751	1,751	1,751	1,751	1,751
5,875	5,849	5,824	5,798	5,768
1,823	1,816	1,810	1,803	1,795
3,772	3,753	3,734	3,715	3,693
141	141	141	141	141
47	47	47	47	47
92	92	92	92	92
17,958	17,905	17,851	17,797	17,727
675	675	675	675	675
15,588	15,535	15,481	15,427	15,357
853	853	853	853	853
283	283	283	283	283
559	559	559	559	559
32,200	32,200	32,200	32,200	32,200
-	-	-	-	-
-	-	-	-	-

16,209	16,209	16,209	16,209	16,209
5,376	5,376	5,376	5,376	5,376
10,615	10,615	10,615	10,615	10,615
33,956	33,940	33,924	33,908	33,887
-	-	-	-	-
4,683	4,667	4,651	4,635	4,614
14,736	14,736	14,736	14,736	14,736
4,887	4,887	4,887	4,887	4,887
9,650	9,650	9,650	9,650	9,650
24,143	24,076	24,009	23,942	23,854
5,775	5,766	5,757	5,748	5,736
16,827	16,769	16,711	16,653	16,577
776	776	776	776	776
257	257	257	257	257
508	508	508	508	508
503	502	502	502	502
-	-	-	-	-
76	75	75	75	75
215	215	215	215	215
71	71	71	71	71
141	141	141	141	141
8,102	8,102	8,102	8,102	8,102
-	-	-	-	-
-	-	-	-	-
4,078	4,078	4,078	4,078	4,078
1,353	1,353	1,353	1,353	1,353
2,671	2,671	2,671	2,671	2,671
7,752	7,751	7,751	7,750	7,748
-	-	-	-	-
387	386	386	385	383
3,707	3,707	3,707	3,707	3,707
1,230	1,230	1,230	1,230	1,230
2,428	2,428	2,428	2,428	2,428
4,263	4,256	4,249	4,243	4,232
1,279	1,277	1,276	1,275	1,273
2,596	2,591	2,585	2,580	2,571
195	195	195	195	195
65	65	65	65	65
128	128	128	128	128
97,300	97,086	96,874	96,660	96,343
76	76	76	76	76
76,599	76,397	76,196	75,994	75,695
8,321	8,321	8,321	8,321	8,321
3,105	3,105	3,105	3,105	3,105
9,199	9,187	9,176	9,164	9,146

241,600	241,600	241,600	241,600	241,600
-	-	-	-	-
-	-	-	-	-
158,091	158,091	158,091	158,091	158,091
58,988	58,988	58,988	58,988	58,988
24,521	24,521	24,521	24,521	24,521
241,604	241,546	241,489	241,431	241,345
-	-	-	-	-
21,968	21,910	21,853	21,795	21,709
143,719	143,719	143,719	143,719	143,719
53,626	53,626	53,626	53,626	53,626
22,291	22,291	22,291	22,291	22,291
153,109	152,791	152,473	152,154	151,681
47,423	47,353	47,282	47,211	47,106
94,127	93,879	93,632	93,384	93,016
7,564	7,564	7,564	7,564	7,564
2,822	2,822	2,822	2,822	2,822
1,173	1,173	1,173	1,173	1,173
9,162	9,118	9,075	9,032	8,982
-	-	-	-	-
8,403	8,359	8,316	8,273	8,223
382	382	382	382	382
127	127	127	127	127
250	250	250	250	250
14,434	14,434	14,434	14,434	14,434
-	-	-	-	-
-	-	-	-	-
7,266	7,266	7,266	7,266	7,266
2,410	2,410	2,410	2,410	2,410
4,758	4,758	4,758	4,758	4,758
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
152,707	152,327	151,948	151,569	151,034
951	951	951	951	951
123,410	123,041	122,673	122,306	121,789
12,207	12,208	12,208	12,208	12,208

4,394	4,394	4,394	4,394	4,394
11,745	11,733	11,722	11,710	11,692
388,313	388,320	388,326	388,335	388,335
-	-	-	-	-
-	-	-	-	-
231,943	231,947	231,950	231,954	231,954
83,484	83,485	83,486	83,488	83,488
72,886	72,888	72,890	72,893	72,893
377,411	377,319	377,226	377,133	376,984
-	-	-	-	-
37,522	37,422	37,324	37,224	37,075
204,252	204,256	204,259	204,262	204,262
73,703	73,705	73,705	73,707	73,707
61,934	61,936	61,938	61,940	61,940
245,552	245,000	244,449	243,894	243,612
72,186	72,071	71,956	71,841	72,190
155,478	155,039	154,602	154,162	153,531
10,750	10,751	10,752	10,752	10,752
3,879	3,879	3,879	3,879	3,879
3,259	3,260	3,260	3,260	3,260

32

33

34

35

8,127	8,100	8,074	8,048
-	-	-	-
6,692	6,665	6,639	6,613
722	722	722	722
240	240	240	240
473	473	473	473
27,265	27,265	27,265	27,265
-	-	-	-
-	-	-	-
13,725	13,725	13,725	13,725
4,552	4,552	4,552	4,552
8,988	8,988	8,988	8,988
27,316	27,306	27,296	27,286
-	-	-	-
2,530	2,520	2,510	2,500
12,477	12,477	12,477	12,477
4,138	4,138	4,138	4,138
8,171	8,171	8,171	8,171
18,120	18,061	18,001	17,941
4,765	4,753	4,741	4,729
12,050	12,003	11,955	11,907
657	657	657	657
218	218	218	218
430	430	430	430
11,238	11,203	11,168	11,132
200	200	200	200
8,742	8,707	8,672	8,636
1,156	1,156	1,156	1,156
383	383	383	383
757	757	757	757
43,621	43,621	43,621	43,621
-	-	-	-
-	-	-	-
21,958	21,958	21,958	21,958
7,283	7,283	7,283	7,283
14,380	14,380	14,380	14,380
45,855	45,833	45,812	45,790
-	-	-	-

6,201	6,179	6,158	6,136
19,961	19,961	19,961	19,961
6,621	6,621	6,621	6,621
13,072	13,072	13,072	13,072
29,029	28,929	28,829	28,730
7,617	7,599	7,580	7,562
19,325	19,243	19,162	19,081
1,051	1,051	1,051	1,051
348	348	348	348
688	688	688	688
1,427	1,423	1,419	1,415
-	-	-	-
1,085	1,081	1,077	1,073
172	172	172	172
57	57	57	57
113	113	113	113
6,509	6,509	6,509	6,509
-	-	-	-
-	-	-	-
3,276	3,276	3,276	3,276
1,087	1,087	1,087	1,087
2,146	2,146	2,146	2,146
6,236	6,235	6,234	6,232
-	-	-	-
318	317	316	314
2,979	2,979	2,979	2,979
988	988	988	988
1,951	1,951	1,951	1,951
2,768	2,760	2,753	2,746
780	779	778	777
1,676	1,669	1,663	1,657
157	157	157	157
52	52	52	52
103	103	103	103
3,369	3,355	3,341	3,327
-	-	-	-
2,908	2,894	2,880	2,866
232	232	232	232
77	77	77	77
152	152	152	152
8,761	8,761	8,761	8,761
-	-	-	-
-	-	-	-
4,410	4,410	4,410	4,410
1,463	1,463	1,463	1,463
2,888	2,888	2,888	2,888

8,770	8,766	8,762	8,759
-	-	-	-
805	801	797	794
4,009	4,009	4,009	4,009
1,330	1,330	1,330	1,330
2,626	2,626	2,626	2,626
7,447	7,416	7,385	7,354
2,561	2,552	2,542	2,533
4,467	4,445	4,424	4,402
211	211	211	211
70	70	70	70
138	138	138	138
3,223	3,206	3,188	3,171
-	-	-	-
2,916	2,899	2,881	2,864
155	155	155	155
51	51	51	51
101	101	101	101
5,843	5,843	5,843	5,843
-	-	-	-
-	-	-	-
2,941	2,941	2,941	2,941
976	976	976	976
1,926	1,926	1,926	1,926
5,787	5,784	5,781	5,778
-	-	-	-
475	472	469	466
2,674	2,674	2,674	2,674
887	887	887	887
1,751	1,751	1,751	1,751
5,737	5,707	5,677	5,647
1,787	1,779	1,771	1,763
3,670	3,648	3,626	3,604
141	141	141	141
47	47	47	47
92	92	92	92
17,656	17,586	17,515	17,445
675	675	675	675
15,286	15,216	15,145	15,075
853	853	853	853
283	283	283	283
559	559	559	559
32,200	32,200	32,200	32,200
-	-	-	-
-	-	-	-

16,209	16,209	16,209	16,209
5,376	5,376	5,376	5,376
10,615	10,615	10,615	10,615
33,865	33,844	33,823	33,802
-	-	-	-
4,592	4,571	4,550	4,529
14,736	14,736	14,736	14,736
4,887	4,887	4,887	4,887
9,650	9,650	9,650	9,650
23,766	23,678	23,591	23,503
5,724	5,712	5,701	5,689
16,501	16,425	16,349	16,273
776	776	776	776
257	257	257	257
508	508	508	508
502	501	501	501
-	-	-	-
75	74	74	74
215	215	215	215
71	71	71	71
141	141	141	141
8,102	8,102	8,102	8,102
-	-	-	-
-	-	-	-
4,078	4,078	4,078	4,078
1,353	1,353	1,353	1,353
2,671	2,671	2,671	2,671
7,747	7,745	7,744	7,743
-	-	-	-
382	380	379	378
3,707	3,707	3,707	3,707
1,230	1,230	1,230	1,230
2,428	2,428	2,428	2,428
4,220	4,208	4,196	4,185
1,271	1,268	1,266	1,264
2,561	2,552	2,542	2,533
195	195	195	195
65	65	65	65
128	128	128	128
96,026	95,709	95,392	95,075
76	76	76	76
75,395	75,096	74,796	74,497
8,321	8,321	8,321	8,321
3,105	3,105	3,105	3,105
9,129	9,111	9,094	9,076

241,600	241,600	241,600	241,600
-	-	-	-
-	-	-	-
158,091	158,091	158,091	158,091
58,988	58,988	58,988	58,988
24,521	24,521	24,521	24,521
241,259	241,173	241,087	241,001
-	-	-	-
21,623	21,537	21,451	21,365
143,719	143,719	143,719	143,719
53,626	53,626	53,626	53,626
22,291	22,291	22,291	22,291
151,207	150,732	150,258	149,784
47,000	46,893	46,787	46,681
92,648	92,280	91,912	91,544
7,564	7,564	7,564	7,564
2,822	2,822	2,822	2,822
1,173	1,173	1,173	1,173
8,932	8,882	8,832	8,782
-	-	-	-
8,173	8,123	8,073	8,023
382	382	382	382
127	127	127	127
250	250	250	250
14,434	14,434	14,434	14,434
-	-	-	-
-	-	-	-
7,266	7,266	7,266	7,266
2,410	2,410	2,410	2,410
4,758	4,758	4,758	4,758
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
150,500	149,965	149,430	148,896
951	951	951	951
121,272	120,755	120,237	119,721
12,208	12,208	12,208	12,208

4,394	4,394	4,394	4,394
11,675	11,657	11,640	11,622
388,335	388,335	388,335	388,335
-	-	-	-
-	-	-	-
231,954	231,954	231,954	231,954
83,488	83,488	83,488	83,488
72,893	72,893	72,893	72,893
376,835	376,686	376,539	376,391
-	-	-	-
36,926	36,777	36,630	36,482
204,262	204,262	204,262	204,262
73,707	73,707	73,707	73,707
61,940	61,940	61,940	61,940
242,294	241,491	240,690	239,890
71,505	71,335	71,166	70,998
152,898	152,265	151,633	151,001
10,752	10,752	10,752	10,752
3,879	3,879	3,879	3,879
3,260	3,260	3,260	3,260

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

DFs

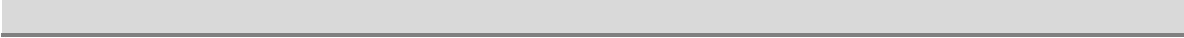
Ano do Contrato de Concessão	TOTAL	1
Tabela 19 - Demonstração de Resultado do Exercício (R\$ Mil)		
Receita Operacional Bruta	171,374,309	3,553,855
Tarifa Social	3,796,526	22,213
Residencial	106,908,812	2,188,098
Comercial	42,227,621	943,469
Industrial	7,141,953	145,408
Pública	11,299,398	254,668
Impostos Indiretos	-7,189,624	-130,567
Receita Operacional Líquida	164,184,686	3,423,289
Custos e Despesas	-109,234,621	-2,409,396
Materiais de Tratamento	-2,640,055	-48,862
Energia	-10,735,665	-265,391
Pessoal	-15,055,267	-330,696
Manutenção	-5,434,137	-120,222
Outros Custos Operacionais	-4,783,814	-90,219
Custos Licitatórios	-2,705	-2,705
AGENERSA + INEA	-1,231,385	-25,675
Compra de Água - CEDAE	-37,941,131	-1,417,624
Seguro-Garantia	-67,317	-4,022
Contingências	-384,124	-11,409
Seguros	-167,505	-4,786
Outorga Variável	-5,098,858	-87,785
Baixa de PDD	-25,692,657	-
LAJIDA	54,950,065	1,013,893
Amortização (deflacionada)	-13,933,837	-103,413
LAJIR	41,016,228	910,480
Despesas Financeiras	-	-
LAIR	41,016,228	910,480
Impostos Diretos	-13,948,192	-309,563
Lucro Líquido	27,068,036	600,917
Tabela 20 - Fluxo de Caixa Livre da Firma (R\$ Mil)		
Lucro Líquido	27,068,036	600,917
(+) Amortização (deflacionada)	13,933,837	103,413
(-) Inadimplência	-25,692,657	-1,045,700
(-) Baixa PDD	25,692,657	-
(+/-) Variação no Capital de Giro	-130,096	21,132
Atividades Operacionais	40,871,777	-320,239
(-) Investimentos	-16,087,846	-

(-) Outorga	-2,503,249	-2,002,599
Atividades de Investimento	-18,591,095	-2,002,599
FCFF	22,280,681	-2,322,838

Esgotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 4

2	3	4	5	6	7	8
3,568,471	3,921,403	4,303,416	4,671,894	4,946,316	5,186,191	5,124,870
31,250	43,537	58,092	74,535	91,121	109,012	121,560
2,185,828	2,410,835	2,651,905	2,876,990	3,046,235	3,202,419	3,164,822
948,940	1,027,622	1,113,102	1,197,711	1,254,840	1,300,260	1,275,311
146,287	162,299	180,416	199,644	215,574	224,455	220,218
256,167	277,110	299,901	323,014	338,547	350,045	342,960
-78,173	-103,460	-128,378	-156,844	-173,132	-188,035	-181,861
3,490,297	3,817,943	4,175,038	4,515,050	4,773,185	4,998,156	4,943,009
-3,488,933	-3,462,188	-3,542,592	-3,563,385	-3,605,056	-3,639,763	-3,627,019
-51,665	-81,218	-85,356	-87,289	-90,942	-93,446	-98,202
-283,233	-281,784	-278,826	-279,319	-275,307	-293,529	-290,542
-334,818	-342,316	-349,914	-357,377	-363,719	-376,823	-390,119
-121,713	-124,364	-127,043	-129,684	-131,916	-136,532	-141,212
-94,798	-97,757	-100,772	-103,694	-106,692	-112,411	-118,221
-	-	-	-	-	-	-
-26,177	-28,635	-31,313	-33,863	-35,799	-37,486	-37,073
-1,420,581	-1,385,491	-1,352,289	-1,262,457	-1,227,108	-1,183,774	-1,144,138
-4,022	-4,022	-4,022	-4,022	-2,823	-2,823	-2,823
-11,578	-11,609	-11,515	-11,143	-11,016	-11,021	-10,950
-4,786	-4,786	-4,786	-4,786	-4,786	-4,786	-4,786
-89,861	-99,202	-109,700	-120,622	-129,393	-137,767	-138,956
-1,045,700	-1,001,005	-1,087,056	-1,169,130	-1,225,554	-1,249,365	-1,249,998
1,365	355,755	632,446	951,665	1,168,129	1,358,394	1,315,991
-129,843	-223,795	-309,221	-399,842	-492,879	-563,630	-594,929
-128,478	131,960	323,225	551,823	675,250	794,764	721,062
-	-	-	-	-	-	-
-128,478	131,960	323,225	551,823	675,250	794,764	721,062
-	-31,407	-82,348	-187,620	-229,585	-270,220	-245,161
-128,478	100,554	240,877	364,203	445,665	524,544	475,901
-128,478	100,554	240,877	364,203	445,665	524,544	475,901
129,843	223,795	309,221	399,842	492,879	563,630	594,929
-1,001,005	-1,087,056	-1,169,130	-1,225,554	-1,249,365	-1,249,998	-1,154,711
1,045,700	1,001,005	1,087,056	1,169,130	1,225,554	1,249,365	1,249,998
-31,687	-17,220	-21,048	-22,567	-20,414	-18,154	-10,233
14,373	221,078	446,976	685,054	894,318	1,069,387	1,155,883
-681,125	-1,214,165	-1,450,697	-1,448,888	-1,551,490	-1,258,583	-1,140,806

-	-500,650	-	-	-	-	-
-681,125	-1,714,815	-1,450,697	-1,448,888	-1,551,490	-1,258,583	-1,140,806
-666,752	-1,493,737	-1,003,721	-763,834	-657,172	-189,196	15,077

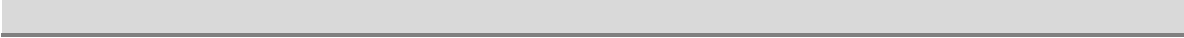


9	10	11	12	13	14	15
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5,054,897	4,980,949	4,865,066	4,975,569	5,086,519	5,096,476	5,106,433
120,064	118,461	115,853	118,615	121,388	121,619	121,849
3,132,591	3,096,566	3,034,368	3,111,067	3,188,090	3,194,150	3,200,210
1,251,239	1,227,156	1,192,651	1,214,846	1,237,121	1,239,596	1,242,070
215,159	210,121	203,483	206,710	209,949	210,445	210,940
335,845	328,646	318,710	324,330	329,972	330,668	331,364
-182,227	-180,477	-177,894	-187,724	-196,205	-203,424	-211,204
4,872,671	4,800,472	4,687,172	4,787,845	4,890,315	4,893,052	4,895,229
-3,495,840	-3,390,211	-3,266,205	-3,205,833	-3,178,371	-3,118,860	-3,040,491
-74,360	-75,896	-75,800	-76,017	-77,331	-76,872	-76,409
-295,798	-302,161	-298,397	-311,636	-318,536	-319,115	-319,693
-403,608	-416,360	-427,839	-438,472	-449,200	-451,424	-453,650
-145,961	-150,428	-154,439	-158,166	-161,931	-162,723	-163,519
-124,123	-129,974	-135,461	-140,373	-145,332	-146,484	-147,637
-	-	-	-	-	-	-
-36,545	-36,004	-35,154	-35,909	-36,677	-36,698	-36,714
-1,102,526	-1,060,702	-1,018,304	-1,020,260	-1,022,216	-1,024,171	-1,026,127
-2,823	-2,823	-1,318	-1,318	-1,318	-1,318	-1,318
-10,770	-10,716	-10,582	-10,755	-10,903	-10,934	-10,966
-4,786	-4,786	-4,786	-4,786	-4,786	-4,786	-4,786
-139,830	-140,593	-140,110	-146,229	-152,535	-155,968	-159,411
-1,154,711	-1,059,769	-964,015	-861,912	-797,606	-728,367	-640,262
1,376,830	1,410,261	1,420,967	1,582,012	1,711,943	1,774,192	1,854,738
-617,317	-632,595	-631,267	-656,380	-682,600	-641,673	-604,113
759,513	777,666	789,700	925,632	1,029,343	1,132,519	1,250,625
-	-	-	-	-	-	-
759,513	777,666	789,700	925,632	1,029,343	1,132,519	1,250,625
-258,234	-264,406	-268,498	-314,715	-349,977	-385,057	-425,212
501,279	513,259	521,202	610,917	679,366	747,463	825,412

501,279	513,259	521,202	610,917	679,366	747,463	825,412
617,317	632,595	631,267	656,380	682,600	641,673	604,113
-1,059,769	-964,015	-861,912	-797,606	-728,367	-640,262	-551,847
1,154,711	1,059,769	964,015	861,912	797,606	728,367	640,262
-7,844	-6,364	-5,086	-11,011	-13,151	-8,758	-8,459
1,205,694	1,235,244	1,249,486	1,320,592	1,418,055	1,468,483	1,509,481
-1,069,105	-1,001,241	-869,231	-824,703	-819,489	-191,608	-185,832

-	-	-	-	-	-	-
-1,069,105	-1,001,241	-869,231	-824,703	-819,489	-191,608	-185,832
136,589	234,003	380,255	495,889	598,566	1,276,875	1,323,649

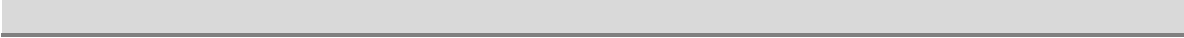


16	17	18	19	20	21	22
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5,107,701	5,108,967	5,110,235	5,111,503	5,112,771	5,106,009	5,099,247
121,873	121,897	121,921	121,945	121,970	121,803	121,637
3,200,850	3,201,488	3,202,128	3,202,768	3,203,407	3,199,027	3,194,648
1,242,432	1,242,793	1,243,154	1,243,516	1,243,877	1,242,288	1,240,698
211,059	211,179	211,298	211,418	211,537	211,311	211,086
331,487	331,610	331,733	331,857	331,980	331,579	331,178
-219,975	-224,210	-227,886	-231,068	-233,925	-236,313	-238,454
4,887,725	4,884,757	4,882,348	4,880,435	4,878,846	4,869,695	4,860,793
-2,953,269	-2,954,255	-2,955,794	-2,958,074	-2,959,817	-2,957,989	-2,954,759
-76,407	-75,320	-74,768	-74,366	-74,011	-74,127	-73,532
-319,734	-319,772	-319,815	-320,445	-320,486	-320,034	-319,579
-454,620	-455,591	-456,563	-457,534	-458,506	-458,634	-458,759
-163,865	-164,211	-164,555	-164,899	-165,244	-165,287	-165,329
-148,000	-148,359	-148,724	-149,086	-149,452	-149,526	-149,603
-	-	-	-	-	-	-
-36,658	-36,636	-36,618	-36,603	-36,591	-36,523	-36,456
-1,026,335	-1,026,541	-1,026,748	-1,026,956	-1,027,163	-1,025,764	-1,024,366
-595	-595	-595	-595	-595	-414	-414
-10,972	-10,976	-10,983	-10,993	-11,001	-10,993	-10,982
-4,786	-4,786	-4,786	-4,786	-4,786	-4,786	-4,786
-159,450	-159,490	-159,530	-159,570	-159,609	-159,398	-159,188
-551,847	-551,978	-552,109	-552,241	-552,372	-552,503	-551,766
1,934,457	1,930,502	1,926,555	1,922,361	1,919,029	1,911,706	1,906,034
-554,494	-510,015	-471,023	-436,643	-406,324	-375,680	-348,687
1,379,963	1,420,487	1,455,532	1,485,718	1,512,706	1,536,026	1,557,347
-	-	-	-	-	-	-
1,379,963	1,420,487	1,455,532	1,485,718	1,512,706	1,536,026	1,557,347
-469,187	-482,966	-494,881	-505,144	-514,320	-522,249	-529,498
910,775	937,522	960,651	980,574	998,386	1,013,777	1,027,849

910,775	937,522	960,651	980,574	998,386	1,013,777	1,027,849
554,494	510,015	471,023	436,643	406,324	375,680	348,687
-551,978	-552,109	-552,241	-552,372	-552,503	-551,766	-551,029
551,847	551,978	552,109	552,241	552,372	552,503	551,766
-512	-3,280	-3,384	-3,455	-3,576	-3,362	-3,441
1,464,626	1,444,125	1,428,158	1,413,630	1,401,003	1,386,833	1,373,832
-145,049	-141,121	-145,949	-147,048	-146,828	-114,883	-114,134

-	-	-	-	-	-	-
-145,049	-141,121	-145,949	-147,048	-146,828	-114,883	-114,134
1,319,577	1,303,004	1,282,209	1,266,582	1,254,175	1,271,950	1,259,698

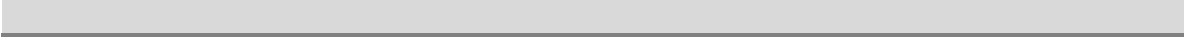


23	24	25	26	27	28	29
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5,092,488	5,085,726	5,078,964	5,064,861	5,050,755	5,036,651	5,022,547
121,471	121,304	121,138	120,798	120,457	120,117	119,777
3,190,270	3,185,891	3,181,511	3,172,550	3,163,587	3,154,626	3,145,664
1,239,110	1,237,520	1,235,931	1,232,556	1,229,179	1,225,803	1,222,428
210,860	210,634	210,408	209,865	209,321	208,778	208,235
330,777	330,376	329,975	329,093	328,209	327,326	326,443
-240,204	-241,662	-242,855	-243,439	-243,883	-243,988	-243,821
4,852,284	4,844,064	4,836,108	4,821,422	4,806,872	4,792,663	4,778,726
-2,952,085	-2,949,406	-2,946,730	-2,941,925	-2,935,402	-2,929,419	-2,923,439
-73,478	-73,422	-73,369	-73,783	-73,137	-73,022	-72,907
-319,126	-318,674	-318,221	-317,317	-316,410	-315,502	-314,599
-458,888	-459,013	-459,139	-459,146	-459,152	-459,162	-459,169
-165,372	-165,414	-165,455	-165,458	-165,460	-165,463	-165,464
-149,682	-149,760	-149,838	-149,831	-149,824	-149,817	-149,810
-	-	-	-	-	-	-
-36,392	-36,330	-36,271	-36,161	-36,052	-35,945	-35,840
-1,022,968	-1,021,569	-1,020,171	-1,017,302	-1,014,432	-1,011,563	-1,008,694
-414	-414	-414	-269	-269	-269	-269
-10,974	-10,965	-10,957	-10,939	-10,917	-10,898	-10,878
-4,786	-4,786	-4,786	-4,786	-4,786	-4,786	-4,786
-158,977	-158,766	-158,555	-158,115	-157,675	-157,235	-156,795
-551,029	-550,292	-549,555	-548,818	-547,288	-545,757	-544,227
1,900,199	1,894,658	1,889,378	1,879,497	1,871,470	1,863,243	1,855,287
-325,367	-305,210	-287,916	-271,821	-258,541	-248,407	-241,207
1,574,832	1,589,448	1,601,462	1,607,677	1,612,929	1,614,836	1,614,080
-	-	-	-	-	-	-
1,574,832	1,589,448	1,601,462	1,607,677	1,612,929	1,614,836	1,614,080
-535,443	-540,412	-544,497	-546,610	-548,396	-549,044	-548,787
1,039,389	1,049,036	1,056,965	1,061,067	1,064,533	1,065,792	1,065,293

1,039,389	1,049,036	1,056,965	1,061,067	1,064,533	1,065,792	1,065,293
325,367	305,210	287,916	271,821	258,541	248,407	241,207
-550,292	-549,555	-548,818	-547,288	-545,757	-544,227	-542,697
551,029	550,292	549,555	548,818	547,288	545,757	544,227
-3,498	-3,568	-3,632	-3,432	-3,514	-3,562	-3,633
1,361,995	1,351,415	1,341,986	1,330,985	1,321,090	1,312,167	1,304,397
-116,231	-116,315	-115,634	-106,802	-106,757	-108,852	-108,948

-	-	-	-	-	-	-
-116,231	-116,315	-115,634	-106,802	-106,757	-108,852	-108,948
1,245,764	1,235,100	1,226,352	1,224,183	1,214,333	1,203,315	1,195,449



30	31	32	33	34	35
5,008,444	4,987,969	4,967,497	4,947,023	4,926,550	4,906,075
119,436	118,945	118,454	117,962	117,471	116,980
3,136,703	3,123,770	3,110,838	3,097,904	3,084,971	3,072,037
1,219,052	1,214,125	1,209,197	1,204,270	1,199,343	1,194,415
207,691	206,872	206,052	205,233	204,413	203,594
325,560	324,258	322,956	321,654	320,352	319,050
-243,362	-241,814	-240,264	-237,856	-233,973	-201,066
4,765,082	4,746,156	4,727,233	4,709,167	4,692,577	4,705,010
-2,917,460	-2,913,785	-2,904,610	-2,895,959	-2,887,322	-3,408,981
-72,792	-73,141	-72,456	-72,286	-72,117	-71,949
-313,692	-312,395	-311,096	-309,797	-308,500	-307,204
-459,176	-459,176	-459,176	-459,176	-459,176	-459,176
-165,468	-165,468	-165,468	-165,468	-165,468	-165,468
-149,803	-149,785	-149,768	-149,750	-149,733	-149,715
-	-	-	-	-	-
-35,738	-35,596	-35,454	-35,319	-35,194	-35,288
-1,005,825	-1,001,681	-997,537	-993,393	-989,249	-985,105
-269	-4,022	-4,022	-4,022	-4,022	-4,022
-10,859	-10,852	-10,822	-10,793	-10,765	-10,737
-4,786	-4,786	-4,786	-4,786	-4,786	-4,786
-156,355	-155,716	-155,077	-154,438	-153,799	-153,160
-542,697	-541,167	-538,949	-536,731	-534,513	-1,062,371
1,847,622	1,832,371	1,822,623	1,813,208	1,805,255	1,296,029
-237,167	-236,190	-240,363	-253,297	-282,187	-359,799
1,610,455	1,596,181	1,582,259	1,559,911	1,523,068	936,230
-	-	-	-	-	-
1,610,455	1,596,181	1,582,259	1,559,911	1,523,068	936,230
-547,555	-542,701	-537,968	-530,370	-517,843	-318,318
1,062,900	1,053,479	1,044,291	1,029,541	1,005,225	617,912
1,062,900	1,053,479	1,044,291	1,029,541	1,005,225	617,912
237,167	236,190	240,363	253,297	282,187	359,799
-541,167	-538,949	-536,731	-534,513	-532,295	-530,076
542,697	541,167	538,949	536,731	534,513	1,062,371
-3,715	-3,405	-3,766	-4,016	-4,541	116,061
1,297,883	1,288,483	1,283,107	1,281,041	1,285,089	1,626,067
-108,588	-106,335	-106,292	-108,385	-108,481	-108,251

-	-	-	-	-	-
-108,588	-106,335	-106,292	-108,385	-108,481	-108,251
1,189,295	1,182,148	1,176,815	1,172,656	1,176,608	1,517,816