

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

Ano do Contrato de Concessão		TOTAL
<b>Tabela 1 - Premissas de CAPEX - Água (R\$ Mil)</b>		
	<b>Obras Civas - Produção de Água</b>	<b>156,149</b>
1	Miguel Pereira	1,632
2	Paty do Alferes	1,168
3	Rio de Janeiro - AP 4	153,349
	<b>Obras Civas - Distribuição</b>	<b>463,166</b>
1	Miguel Pereira	19,510
2	Paty do Alferes	24,907
3	Rio de Janeiro - AP 4	418,749
	<b>Sistemas - Produção de Água</b>	<b>10,080</b>
1	Miguel Pereira	313
2	Paty do Alferes	171
3	Rio de Janeiro - AP 4	9,596
	<b>Sistemas - Distribuição de Água</b>	<b>12,466</b>
1	Miguel Pereira	1,074
2	Paty do Alferes	1,536
3	Rio de Janeiro - AP 4	9,856
	<b>Equipamentos - Produção de Água</b>	<b>62,848</b>
1	Miguel Pereira	9,878
2	Paty do Alferes	4,058
3	Rio de Janeiro - AP 4	48,912
	<b>Equipamentos - Distribuição de Água</b>	<b>129,589</b>
1	Miguel Pereira	6,532
2	Paty do Alferes	7,497
3	Rio de Janeiro - AP 4	115,560
		<b>PERCENTUAL DO TOTAL</b>
	<b>CAPEX Total de Água por Categoria</b>	<b>SOMA</b>
	Obras Civas - Produção de Água	100.00%
	Obras Civas - Distribuição	18.72%
	Sistemas - Produção de Água	55.52%
	Sistemas - Distribuição de Água	1.21%
	Equipamentos - Produção de Água	1.49%
	Equipamentos - Distribuição de Água	7.53%
		15.53%
		<b>834,298</b>
		<b>156,149</b>
		<b>463,166</b>
		<b>10,080</b>
		<b>12,466</b>
		<b>62,848</b>
		<b>129,589</b>
<b>Tabela 2 - Premissas de CAPEX - Esgoto (R\$ Mil)</b>		
	<b>Obras Civas - Coleta de Esgoto</b>	<b>902,035</b>
1	Miguel Pereira	77,341
2	Paty do Alferes	73,383
3	Rio de Janeiro - AP 4	751,311
	<b>Obras Civas - Tratamento de Esgoto</b>	<b>410,384</b>
1	Miguel Pereira	14,669
2	Paty do Alferes	14,146

3	Rio de Janeiro - AP 4	381,569
	<b>Sistemas - Coleta de Esgoto</b>	<b>29,292</b>
1	Miguel Pereira	4,143
2	Paty do Alferes	2,412
3	Rio de Janeiro - AP 4	22,737
	<b>Sistemas - Tratamento de Esgoto</b>	<b>25,743</b>
1	Miguel Pereira	1,890
2	Paty do Alferes	1,765
3	Rio de Janeiro - AP 4	22,088
	<b>Equipamentos - Coleta de Esgoto</b>	<b>21,028</b>
1	Miguel Pereira	3,504
2	Paty do Alferes	1,990
3	Rio de Janeiro - AP 4	15,534
	<b>Equipamentos - Tratamento de Esgoto</b>	<b>468,102</b>
1	Miguel Pereira	18,214
2	Paty do Alferes	15,657
3	Rio de Janeiro - AP 4	434,231

	<b>PERCENTUAL DO TOTAL</b>	<b>SOMA</b>
<b>CAPEX Total de Esgoto por Categoria</b>	<b>100.00%</b>	<b>1,856,584</b>
Obras Civas - Coleta de Esgoto	48.59%	902,035
Obras Civas - Tratamento de Esgoto	22.10%	410,384
Sistemas - Coleta de Esgoto	1.58%	29,292
Sistemas - Tratamento de Esgoto	1.39%	25,743
Equipamentos - Coleta de Esgoto	1.13%	21,028
Equipamentos - Tratamento de Esgoto	25.21%	468,102

## gotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 2

1	2	3	4	5	6	7
-	<b>7,237</b>	<b>14,195</b>	<b>26,612</b>	<b>45,498</b>	<b>33,651</b>	<b>23,768</b>
-	-	296	322	322	329	310
-	-	199	215	215	214	214
-	7,237	13,700	26,075	44,961	33,108	23,244
-	<b>31,280</b>	<b>40,231</b>	<b>40,060</b>	<b>42,684</b>	<b>44,220</b>	<b>44,928</b>
-	656	3,089	2,837	2,879	3,658	1,493
-	963	2,107	2,136	2,164	1,956	1,980
-	29,661	35,035	35,087	37,641	38,606	41,455
-	<b>500</b>	<b>791</b>	<b>1,406</b>	<b>2,330</b>	<b>1,737</b>	<b>1,244</b>
-	-	29	29	29	29	29
-	-	21	17	17	16	16
-	500	741	1,360	2,284	1,692	1,199
-	<b>268</b>	<b>643</b>	<b>635</b>	<b>859</b>	<b>1,055</b>	<b>1,204</b>
-	31	135	123	125	164	61
-	45	113	114	115	108	109
-	192	395	398	619	783	1,034
-	<b>399</b>	<b>1,826</b>	<b>1,826</b>	<b>1,427</b>	<b>1,399</b>	<b>1,399</b>
-	-	234	234	234	234	234
-	-	106	106	106	78	78
-	399	1,486	1,486	1,087	1,087	1,087
-	<b>3,309</b>	<b>3,309</b>	<b>3,309</b>	<b>3,309</b>	<b>3,309</b>	<b>3,526</b>
-	148	148	148	148	148	161
-	151	151	151	151	151	175
-	3,010	3,010	3,010	3,010	3,010	3,190
-	<b>42,993</b>	<b>60,995</b>	<b>73,848</b>	<b>96,107</b>	<b>85,371</b>	<b>76,069</b>
-	7,237	14,195	26,612	45,498	33,651	23,768
-	31,280	40,231	40,060	42,684	44,220	44,928
-	500	791	1,406	2,330	1,737	1,244
-	268	643	635	859	1,055	1,204
-	399	1,826	1,826	1,427	1,399	1,399
-	3,309	3,309	3,309	3,309	3,309	3,526
-	<b>40,238</b>	<b>81,500</b>	<b>94,117</b>	<b>64,802</b>	<b>80,086</b>	<b>78,062</b>
-	647	15,147	17,637	17,737	14,918	1,196
-	1,308	9,753	6,519	5,658	5,175	5,245
-	38,283	56,600	69,961	41,407	59,993	71,621
-	-	<b>4,914</b>	<b>60,330</b>	<b>110,457</b>	<b>104,553</b>	<b>26,372</b>
-	-	3,386	5,382	4,824	1,054	2
-	-	1,128	4,548	5,233	3,099	57

-	-	400	50,400	100,400	100,400	26,313
-	<b>861</b>	<b>2,399</b>	<b>3,193</b>	<b>1,422</b>	<b>2,353</b>	<b>3,097</b>
-	51	762	1,054	983	745	59
-	137	222	274	220	166	166
-	673	1,415	1,865	219	1,442	2,872
-	-	<b>447</b>	<b>3,927</b>	<b>6,375</b>	<b>5,406</b>	<b>2,073</b>
-	-	339	876	573	102	-
-	-	108	551	802	304	-
-	-	-	2,500	5,000	5,000	2,073
-	<b>883</b>	<b>1,262</b>	<b>2,985</b>	<b>2,359</b>	<b>3,935</b>	<b>3,935</b>
-	228	92	1,553	1,199	6	6
-	655	277	539	267	-	-
-	-	893	893	893	3,929	3,929
-	-	-	<b>5,745</b>	<b>5,222</b>	-	<b>15,548</b>
-	-	-	4,353	1,317	-	-
-	-	-	1,392	3,905	-	-
-	-	-	-	-	-	15,548
-	<b>41,982</b>	<b>90,522</b>	<b>170,297</b>	<b>190,637</b>	<b>196,333</b>	<b>129,087</b>
-	40,238	81,500	94,117	64,802	80,086	78,062
-	-	4,914	60,330	110,457	104,553	26,372
-	861	2,399	3,193	1,422	2,353	3,097
-	-	447	3,927	6,375	5,406	2,073
-	883	1,262	2,985	2,359	3,935	3,935
-	-	-	5,745	5,222	-	15,548

8	9	10	11	12	13	14
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<b>2,529</b>	<b>2,529</b>	<b>17</b>	<b>13</b>	<b>13</b>	<b>16</b>	<b>11</b>
6	6	6	4	4	4	4
11	11	11	9	9	12	7
2,512	2,512	-	-	-	-	-
<b>40,273</b>	<b>40,332</b>	<b>35,258</b>	<b>31,305</b>	<b>28,820</b>	<b>29,075</b>	<b>3,069</b>
586	586	586	378	378	378	378
1,394	1,417	1,441	1,190	1,206	1,463	887
38,293	38,329	33,231	29,737	27,236	27,234	1,804
<b>191</b>	<b>191</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
6	6	6	6	6	6	6
3	3	3	3	3	3	3
182	182	56	56	56	56	56
<b>1,152</b>	<b>1,156</b>	<b>834</b>	<b>534</b>	<b>285</b>	<b>306</b>	<b>279</b>
35	35	35	25	25	25	25
74	76	77	65	66	87	60
1,043	1,045	722	444	194	194	194
<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>
311	311	311	311	311	311	311
128	128	128	128	128	128	128
1,510	1,510	1,510	1,510	1,510	1,510	1,510
<b>3,661</b>	<b>3,659</b>	<b>3,662</b>	<b>3,623</b>	<b>3,797</b>	<b>3,934</b>	<b>3,934</b>
191	186	187	203	172	202	197
187	188	188	185	209	222	223
3,283	3,285	3,287	3,235	3,416	3,510	3,514
<b>49,755</b>	<b>49,816</b>	<b>41,785</b>	<b>37,489</b>	<b>34,929</b>	<b>35,345</b>	<b>9,307</b>
2,529	2,529	17	13	13	16	11
40,273	40,332	35,258	31,305	28,820	29,075	3,069
191	191	65	65	65	65	65
1,152	1,156	834	534	285	306	279
1,949	1,949	1,949	1,949	1,949	1,949	1,949
3,661	3,659	3,662	3,623	3,797	3,934	3,934

<b>77,243</b>	<b>71,342</b>	<b>71,628</b>	<b>70,037</b>	<b>70,212</b>	<b>70,389</b>	<b>7,055</b>
1,190	1,190	1,190	796	796	796	768
5,318	5,388	5,454	5,391	5,439	5,486	1,020
70,735	64,764	64,984	63,850	63,977	64,107	5,267
<b>25,927</b>	<b>25,927</b>	<b>25,927</b>	<b>25,927</b>	<b>13</b>	<b>14</b>	<b>4</b>
2	2	2	2	2	2	2
11	11	11	11	11	12	2

25,914	25,914	25,914	25,914	-	-	-
<b>2,997</b>	<b>2,389</b>	<b>2,389</b>	<b>2,369</b>	<b>2,369</b>	<b>2,369</b>	<b>235</b>
58	58	58	38	38	38	38
166	166	166	166	166	166	33
2,773	2,165	2,165	2,165	2,165	2,165	164
<b>2,073</b>	<b>2,073</b>	<b>2,073</b>	<b>1,296</b>	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
2,073	2,073	2,073	1,296	-	-	-
<b>3,131</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>
15	15	15	15	15	15	15
9	9	9	9	9	9	9
3,107	70	70	70	70	70	70
<b>29,654</b>	<b>29,654</b>	<b>29,654</b>	<b>14,105</b>	<b>14,105</b>	<b>14,105</b>	<b>14,105</b>
448	448	448	448	448	448	448
370	370	370	370	370	370	370
28,836	28,836	28,836	13,287	13,287	13,287	13,287
<b>141,025</b>	<b>131,479</b>	<b>131,765</b>	<b>113,828</b>	<b>86,793</b>	<b>86,971</b>	<b>21,493</b>
77,243	71,342	71,628	70,037	70,212	70,389	7,055
25,927	25,927	25,927	25,927	13	14	4
2,997	2,389	2,389	2,369	2,369	2,369	235
2,073	2,073	2,073	1,296	-	-	-
3,131	94	94	94	94	94	94
29,654	29,654	29,654	14,105	14,105	14,105	14,105

15	16	17	18	19	20	21
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11	7	7	5	5	5	3
4	2	2	2	2	2	1
7	5	5	3	3	3	2
-	-	-	-	-	-	-
<b>3,069</b>	<b>1,521</b>	<b>1,520</b>	<b>1,312</b>	<b>1,312</b>	<b>1,312</b>	<b>257</b>
378	196	196	196	196	196	54
887	605	605	397	397	397	203
1,804	720	719	719	719	719	-
<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
6	6	6	6	6	6	6
3	3	3	3	3	3	3
56	56	56	56	56	56	56
<b>279</b>	<b>210</b>	<b>210</b>	<b>189</b>	<b>189</b>	<b>189</b>	<b>140</b>
25	17	17	17	17	17	10
60	48	48	27	27	27	18
194	145	145	145	145	145	112
<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>
311	311	311	311	311	311	311
128	128	128	128	128	128	128
1,510	1,510	1,510	1,510	1,510	1,510	1,510
<b>3,842</b>	<b>3,735</b>	<b>3,911</b>	<b>4,048</b>	<b>4,034</b>	<b>3,941</b>	<b>3,780</b>
198	210	179	209	204	205	214
225	214	239	252	239	240	224
3,419	3,311	3,493	3,587	3,591	3,496	3,342
<b>9,215</b>	<b>7,487</b>	<b>7,662</b>	<b>7,568</b>	<b>7,554</b>	<b>7,461</b>	<b>6,194</b>
11	7	7	5	5	5	3
3,069	1,521	1,520	1,312	1,312	1,312	257
65	65	65	65	65	65	65
279	210	210	189	189	189	140
1,949	1,949	1,949	1,949	1,949	1,949	1,949
3,842	3,735	3,911	4,048	4,034	3,941	3,780

<b>7,056</b>	<b>3,133</b>	<b>3,134</b>	<b>3,131</b>	<b>3,134</b>	<b>3,134</b>	<b>425</b>
763	409	404	404	404	404	109
1,026	625	631	628	631	631	316
5,267	2,099	2,099	2,099	2,099	2,099	-

<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>
2	1	1	1	1	1	-
2	1	1	1	1	1	1





22	23	24	25	26	27	28
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<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>
1	1	1	1	-	-	-
2	2	2	2	1	1	1
-	-	-	-	-	-	-
<b>257</b>	<b>257</b>	<b>257</b>	<b>257</b>	<b>60</b>	<b>60</b>	<b>60</b>
54	54	54	54	-	-	-
203	203	203	203	60	60	60
-	-	-	-	-	-	-
<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
6	6	6	6	6	6	6
3	3	3	3	3	3	3
56	56	56	56	56	56	56
<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>130</b>	<b>130</b>	<b>130</b>
10	10	10	10	7	7	7
18	18	18	18	11	11	11
112	112	112	112	112	112	112
<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>
311	311	311	311	311	311	311
128	128	128	128	128	128	128
1,510	1,510	1,510	1,510	1,510	1,510	1,510
<b>3,956</b>	<b>4,093</b>	<b>4,078</b>	<b>3,984</b>	<b>3,786</b>	<b>3,962</b>	<b>4,098</b>
183	213	208	208	215	184	214
249	262	249	250	229	254	266
3,524	3,618	3,621	3,526	3,342	3,524	3,618
<b>6,370</b>	<b>6,507</b>	<b>6,492</b>	<b>6,398</b>	<b>5,991</b>	<b>6,167</b>	<b>6,303</b>
3	3	3	3	1	1	1
257	257	257	257	60	60	60
65	65	65	65	65	65	65
140	140	140	140	130	130	130
1,949	1,949	1,949	1,949	1,949	1,949	1,949
3,956	4,093	4,078	3,984	3,786	3,962	4,098

<b>428</b>	<b>428</b>	<b>428</b>	<b>428</b>	<b>93</b>	<b>93</b>	<b>93</b>
109	109	109	109	-	-	-
319	319	319	319	93	93	93
-	-	-	-	-	-	-
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
-	-	-	-	-	-	-
1	1	1	1	-	-	-



29	30	31	32	33	34	35
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<b>1</b>	<b>1</b>	-	-	-	-	-
-	-	-	-	-	-	-
1	1	-	-	-	-	-
-	-	-	-	-	-	-
<b>60</b>	<b>60</b>	-	-	-	-	-
-	-	-	-	-	-	-
60	60	-	-	-	-	-
-	-	-	-	-	-	-
<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>
6	6	6	6	6	6	6
3	3	3	3	3	3	3
56	56	56	56	56	56	56
<b>130</b>	<b>130</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>	<b>128</b>
7	7	7	7	7	7	7
11	11	9	9	9	9	9
112	112	112	112	112	112	112
<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>	<b>1,949</b>
311	311	311	311	311	311	311
128	128	128	128	128	128	128
1,510	1,510	1,510	1,510	1,510	1,510	1,510
<b>4,084</b>	<b>3,990</b>	<b>3,787</b>	<b>3,963</b>	<b>4,100</b>	<b>4,085</b>	<b>3,991</b>
209	209	215	184	214	209	209
254	255	230	255	268	255	256
3,621	3,526	3,342	3,524	3,618	3,621	3,526
<b>6,289</b>	<b>6,195</b>	<b>5,929</b>	<b>6,105</b>	<b>6,242</b>	<b>6,227</b>	<b>6,133</b>
1	1	-	-	-	-	-
60	60	-	-	-	-	-
65	65	65	65	65	65	65
130	130	128	128	128	128	128
1,949	1,949	1,949	1,949	1,949	1,949	1,949
4,084	3,990	3,787	3,963	4,100	4,085	3,991

<b>93</b>	<b>93</b>	-	-	-	-	-
-	-	-	-	-	-	-
93	93	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-



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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
<b>Tabela 3 - Distribuição da Economias por Categoria</b>			
<b>1 Miguel Pereira</b>			
Tarifa Social			0.00%
Residencial sem Tarifa Social			96.00%
Não Residencial			4.00%
<b>2 Paty do Alferes</b>			
Tarifa Social			0.00%
Residencial sem Tarifa Social			94.00%
Não Residencial			6.00%
<b>3 Rio de Janeiro - AP 4</b>			
Tarifa Social			1.77%
Residencial sem Tarifa Social			78.23%
Não Residencial			20.00%
<b>Tabela 4 - Índice de Atendimento - Água</b>			
1 Miguel Pereira	85%	85%	
2 Paty do Alferes	85%	85%	
3 Rio de Janeiro - AP 4	95%	95%	
<b>Tabela 5 - Economias - Água</b>			
1 Miguel Pereira	7,905	8,039	
2 Paty do Alferes	7,044	7,270	
3 Rio de Janeiro - AP 4	267,857	271,061	
<b>TOTAL</b>	<b>282,806</b>	<b>286,370</b>	
<b>Tabela 6 - Relação Economias/Ligações</b>			
1 Miguel Pereira	1.35	1.35	
2 Paty do Alferes	1.18	1.18	
3 Rio de Janeiro - AP 4	2.25	2.25	
<b>Tabela 7 - Ligações - Água</b>			
1 Miguel Pereira	5,856	5,955	
2 Paty do Alferes	5,969	6,161	
3 Rio de Janeiro - AP 4	119,048	120,471	
<b>TOTAL</b>	<b>130,873</b>	<b>132,587</b>	
<b>Tabela 8 - Volume Faturado de Água (m³/ano)</b>			
<b>1 Miguel Pereira</b>		<b>1,989,048</b>	
Tarifa Social		-	
Residencial		1,909,613	
Comercial		51,368	
Industrial		1,456	
Pública		26,611	

<b>2 Paty do Alferes</b>		<b>1,490,603</b>
Tarifa Social		-
Residencial		1,401,267
Comercial		40,897
Industrial		2,762
Pública		45,677
<b>3 Rio de Janeiro - AP 4</b>		<b>80,394,307</b>
Tarifa Social		1,425,010
Residencial		62,890,436
Comercial		10,722,098
Industrial		1,131,348
Pública		4,225,415
<b>TOTAL</b>		<b>83,873,959</b>
Tarifa Social		1,425,010
Residencial		66,201,316
Comercial		10,814,363
Industrial		1,135,567
Pública		4,297,703

**Tabela 9 - Índice de Perdas**

1 Miguel Pereira	60.00%
2 Paty do Alferes	50.00%
3 Rio de Janeiro - AP 4	35.00%

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

1 Miguel Pereira	2,870,390
2 Paty do Alferes	2,007,689
3 Rio de Janeiro - AP 4	177,753,910
<b>TOTAL</b>	<b>182,631,990</b>

**Tabela 11 - Índice de Atendimento - Esgoto**

1 Miguel Pereira	4%	4%
2 Paty do Alferes	23%	23%
3 Rio de Janeiro - AP 4	70%	70%

**Tabela 12 - Economias - Esgoto**

1 Miguel Pereira	-	-
2 Paty do Alferes	511	527
3 Rio de Janeiro - AP 4	197,368	199,729
<b>TOTAL</b>	<b>197,879</b>	<b>200,256</b>

**Tabela 13 - Ligações - Esgoto**

1 Miguel Pereira	-	-
2 Paty do Alferes	433	447
3 Rio de Janeiro - AP 4	87,719	88,768
<b>TOTAL</b>	<b>88,152</b>	<b>89,215</b>

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

<b>1 Miguel Pereira</b>	<b>93,130</b>
Tarifa Social	-



	Residencial	89,410
	Comercial	2,405
	Industrial	68
	Pública	1,246
<b>2</b>	<b>Paty do Alferes</b>	<b>402,610</b>
	Tarifa Social	-
	Residencial	378,480
	Comercial	11,046
	Industrial	746
	Pública	12,337
<b>3</b>	<b>Rio de Janeiro - AP 4</b>	<b>59,237,947</b>
	Tarifa Social	1,050,008
	Residencial	46,340,350
	Comercial	7,900,498
	Industrial	833,626
	Pública	3,113,466
	<b>TOTAL</b>	<b>59,733,687</b>
	Tarifa Social	1,050,008
	Residencial	46,808,240
	Comercial	7,913,949
	Industrial	834,440
	Pública	3,127,049

## gotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 2

2	3	4	5	6	7
0.71%	1.43%	2.14%	2.86%	3.57%	4.29%
95.29%	94.57%	93.86%	93.14%	92.43%	91.71%
4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
0.71%	1.43%	2.14%	2.86%	3.57%	4.29%
93.29%	92.57%	91.86%	91.14%	90.43%	89.71%
6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
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%
89%	92%	94%	99%	99%	99%
86%	88%	89%	90%	91%	93%
96%	96%	97%	97%	98%	98%
8,498	8,902	9,314	9,901	10,019	10,137
7,607	7,951	8,301	8,615	8,935	9,260
275,913	280,804	285,734	289,734	293,761	297,815
<b>292,018</b>	<b>297,657</b>	<b>303,348</b>	<b>308,251</b>	<b>312,716</b>	<b>317,213</b>
1.35	1.35	1.35	1.35	1.35	1.35
1.18	1.18	1.18	1.18	1.18	1.18
2.25	2.25	2.25	2.25	2.25	2.25
6,295	6,594	6,899	7,334	7,422	7,509
6,446	6,738	7,035	7,301	7,572	7,848
122,628	124,802	126,993	128,771	130,561	132,362
<b>135,369</b>	<b>138,134</b>	<b>140,926</b>	<b>143,406</b>	<b>145,554</b>	<b>147,719</b>
<b>2,011,616</b>	<b>2,023,072</b>	<b>2,028,569</b>	<b>2,015,144</b>	<b>2,009,078</b>	<b>1,918,784</b>
14,370	28,903	43,472	57,579	71,758	82,239
1,916,911	1,913,376	1,904,084	1,877,087	1,857,086	1,759,916
51,951	52,247	52,389	52,042	51,885	49,553
1,473	1,481	1,485	1,475	1,471	1,405
26,913	27,066	27,139	26,960	26,879	25,671

<b>1,523,862</b>	<b>1,539,365</b>	<b>1,568,503</b>	<b>1,580,160</b>	<b>1,582,773</b>	<b>1,583,420</b>
10,886	21,992	33,613	45,151	56,532	67,866
1,421,647	1,425,113	1,440,885	1,440,306	1,431,381	1,420,655
41,810	42,235	43,034	43,354	43,426	43,444
2,824	2,852	2,906	2,928	2,933	2,934
46,696	47,172	48,064	48,422	48,502	48,522

<b>80,877,817</b>	<b>86,161,506</b>	<b>90,793,021</b>	<b>96,439,710</b>	<b>100,054,811</b>	<b>103,602,631</b>
1,806,482	2,321,761	2,865,182	3,488,028	4,080,100	4,702,453
62,895,772	66,607,444	69,769,235	73,663,740	75,963,749	78,179,652
10,786,583	11,491,263	12,108,963	12,862,055	13,344,197	13,817,366
1,138,153	1,212,507	1,277,684	1,357,147	1,408,021	1,457,947
4,250,828	4,528,531	4,771,957	5,068,740	5,258,744	5,445,213

<b>84,413,295</b>	<b>89,723,943</b>	<b>94,390,093</b>	<b>100,035,014</b>	<b>103,646,662</b>	<b>107,104,835</b>
1,831,737	2,372,656	2,942,267	3,590,758	4,208,389	4,852,558
66,234,329	69,945,933	73,114,204	76,981,133	79,252,216	81,360,223
10,880,343	11,585,744	12,204,386	12,957,451	13,439,508	13,910,363
1,142,449	1,216,841	1,282,076	1,361,551	1,412,424	1,462,286
4,324,437	4,602,769	4,847,161	5,144,121	5,334,125	5,519,405

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60.00%	56.00%	52.00%	48.00%	44.00%	41.00%
50.00%	47.00%	44.00%	42.00%	39.00%	36.00%
35.00%	34.00%	33.00%	32.00%	31.00%	29.00%

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2,902,959	2,838,394	2,741,492	2,651,681	2,575,913	2,413,725
2,052,486	2,032,712	2,011,044	2,000,345	1,966,317	1,931,137
178,115,622	174,181,317	169,520,443	165,467,680	160,421,010	155,283,641
<b>183,071,066</b>	<b>179,052,422</b>	<b>174,272,980</b>	<b>170,119,707</b>	<b>164,963,240</b>	<b>159,628,503</b>

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25%	47%	68%	90%	90%	90%
29%	35%	41%	47%	53%	60%
70%	70%	70%	70%	73%	76%

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-	-	-	-	-	-
2,561	3,190	3,852	4,524	5,222	5,948
202,089	204,449	206,809	208,472	218,713	229,089
<b>204,649</b>	<b>207,639</b>	<b>210,661</b>	<b>212,996</b>	<b>223,935</b>	<b>235,036</b>

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-	-	-	-	-	-
2,170	2,704	3,264	3,834	4,426	5,041
89,817	90,866	91,915	92,654	97,206	101,817
<b>91,987</b>	<b>93,570</b>	<b>95,179</b>	<b>96,488</b>	<b>101,632</b>	<b>106,858</b>

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<b>94,177</b>	<b>580,844</b>	<b>1,028,770</b>	<b>1,443,305</b>	<b>1,808,078</b>	<b>1,726,972</b>
673	8,298	22,047	41,240	64,579	74,018

89,743	549,349	965,639	1,344,425	1,671,292	1,583,986
2,432	15,001	26,568	37,274	46,694	44,600
69	425	753	1,057	1,324	1,264
1,260	7,771	13,763	19,309	24,190	23,104
<b>411,558</b>	<b>518,134</b>	<b>623,108</b>	<b>725,965</b>	<b>822,867</b>	<b>916,282</b>
2,940	7,402	13,353	20,743	29,390	39,272
383,952	479,679	572,410	661,713	744,160	822,094
11,292	14,216	17,096	19,918	22,577	25,140
763	960	1,155	1,345	1,525	1,698
12,612	15,877	19,094	22,246	25,216	28,078
<b>59,594,217</b>	<b>62,602,973</b>	<b>65,615,232</b>	<b>69,245,982</b>	<b>68,928,868</b>	<b>69,421,322</b>
1,331,093	1,686,938	2,070,639	2,504,486	2,810,826	3,150,987
46,344,281	48,395,440	50,421,547	52,892,299	52,332,268	52,386,071
7,948,013	8,349,288	8,751,029	9,235,258	9,192,965	9,258,643
838,639	880,980	923,370	974,464	970,001	976,931
3,132,191	3,290,327	3,448,647	3,639,474	3,622,807	3,648,690
<b>60,099,953</b>	<b>63,701,951</b>	<b>67,267,110</b>	<b>71,415,253</b>	<b>71,559,813</b>	<b>72,064,576</b>
1,334,705	1,702,639	2,106,039	2,566,470	2,904,795	3,264,277
46,817,977	49,424,468	51,959,595	54,898,437	54,747,720	54,792,151
7,961,737	8,378,504	8,794,694	9,292,450	9,262,236	9,328,383
839,471	882,365	925,278	976,866	972,850	979,893
3,146,062	3,313,975	3,481,505	3,681,030	3,672,212	3,699,873

8	9	10	11	12	13
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
91.00%	91.00%	91.00%	91.00%	91.00%	91.00%
4.00%	4.00%	4.00%	4.00%	4.00%	4.00%

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%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%

99%	99%	99%	99%	99%	99%
94%	95%	96%	98%	99%	99%
99%	99%	99%	99%	99%	99%

10,255	10,374	10,449	10,524	10,600	10,675
9,591	9,927	10,203	10,483	10,767	10,916
301,897	304,250	305,616	306,982	308,347	309,714
<b>321,743</b>	<b>324,551</b>	<b>326,268</b>	<b>327,990</b>	<b>329,714</b>	<b>331,304</b>

1.35	1.35	1.35	1.35	1.35	1.35
1.18	1.18	1.18	1.18	1.18	1.18
2.25	2.25	2.25	2.25	2.25	2.25

7,597	7,684	7,740	7,796	7,852	7,907
8,128	8,413	8,647	8,884	9,125	9,251
134,176	135,222	135,829	136,437	137,043	137,650
<b>149,901</b>	<b>151,319</b>	<b>152,216</b>	<b>153,116</b>	<b>154,019</b>	<b>154,808</b>

<b>1,816,837</b>	<b>1,722,823</b>	<b>1,626,891</b>	<b>1,514,592</b>	<b>1,522,861</b>	<b>1,531,130</b>
90,848	86,147	81,350	75,735	76,148	76,562
1,653,432	1,567,873	1,480,569	1,378,371	1,385,896	1,393,421
46,920	44,492	42,015	39,115	39,328	39,542
1,330	1,261	1,191	1,109	1,115	1,121
24,307	23,049	21,766	20,263	20,374	20,484

1,591,621	1,588,367	1,582,904	1,567,020	1,602,663	1,638,714
79,587	79,424	79,151	78,357	80,139	81,942
1,416,643	1,413,747	1,408,885	1,394,747	1,426,472	1,458,559
43,669	43,579	43,430	42,994	43,972	44,961
2,949	2,943	2,933	2,903	2,970	3,036
48,773	48,673	48,506	48,019	49,111	50,216
<b>100,295,996</b>	<b>97,306,733</b>	<b>93,302,019</b>	<b>89,491,971</b>	<b>89,686,403</b>	<b>89,880,734</b>
5,014,800	4,865,337	4,665,101	4,474,599	4,484,320	4,494,037
75,221,997	72,980,050	69,976,514	67,118,978	67,264,803	67,410,550
13,376,364	12,977,689	12,443,585	11,935,443	11,961,374	11,987,292
1,411,415	1,369,348	1,312,992	1,259,375	1,262,111	1,264,846
5,271,421	5,114,309	4,903,827	4,703,576	4,713,795	4,724,009
<b>103,704,453</b>	<b>100,617,923</b>	<b>96,511,814</b>	<b>92,573,583</b>	<b>92,811,927</b>	<b>93,050,578</b>
5,185,234	5,030,908	4,825,602	4,628,690	4,640,607	4,652,540
78,292,072	75,961,670	72,865,968	69,892,096	70,077,170	70,262,531
13,466,953	13,065,761	12,529,029	12,017,552	12,044,674	12,071,795
1,415,694	1,373,553	1,317,116	1,263,388	1,266,196	1,269,003
5,344,500	5,186,031	4,974,098	4,771,858	4,783,280	4,794,709

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37.00%	33.00%	29.00%	25.00%	25.00%	25.00%
33.00%	31.00%	28.00%	25.00%	25.00%	25.00%
28.00%	27.00%	26.00%	25.00%	25.00%	25.00%

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2,229,396	2,063,398	1,902,923	1,731,078	1,740,529	1,749,979
1,906,268	1,879,858	1,840,717	1,791,007	1,831,745	1,872,949
150,189,274	145,502,927	139,513,713	134,616,832	134,909,212	135,201,584
<b>154,324,938</b>	<b>149,446,184</b>	<b>143,257,353</b>	<b>138,138,917</b>	<b>138,481,486</b>	<b>138,824,513</b>

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90%	90%	90%	90%	90%	90%
66%	72%	78%	84%	90%	90%
79%	81%	84%	87%	90%	90%

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-	-	-	-	-	-
6,699	7,478	8,229	9,000	9,788	9,923
239,601	250,248	260,192	270,215	280,316	281,558
<b>246,300</b>	<b>257,726</b>	<b>268,422</b>	<b>279,214</b>	<b>290,104</b>	<b>291,482</b>

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-	-	-	-	-	-
5,678	6,336	6,974	7,627	8,295	8,409
106,489	111,222	115,641	120,095	124,585	125,137
<b>112,167</b>	<b>117,558</b>	<b>122,615</b>	<b>127,722</b>	<b>132,880</b>	<b>133,546</b>

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<b>1,635,229</b>	<b>1,550,493</b>	<b>1,464,224</b>	<b>1,363,159</b>	<b>1,370,611</b>	<b>1,378,007</b>
81,767	77,530	73,216	68,162	68,535	68,905

1,488,157	1,411,043	1,332,532	1,240,557	1,247,339	1,254,070
42,230	40,042	37,814	35,204	35,397	35,588
1,197	1,135	1,072	998	1,004	1,009
21,877	20,743	19,589	18,237	18,337	18,436
<b>1,012,056</b>	<b>1,098,303</b>	<b>1,180,341</b>	<b>1,251,239</b>	<b>1,362,116</b>	<b>1,474,837</b>
50,606	54,919	59,021	62,566	68,111	73,747
900,794	977,559	1,050,578	1,113,682	1,212,369	1,312,699
27,767	30,134	32,385	34,330	37,372	40,465
1,875	2,035	2,187	2,318	2,524	2,733
31,013	33,656	36,170	38,342	41,740	45,194
<b>69,435,746</b>	<b>69,504,840</b>	<b>69,067,660</b>	<b>68,571,818</b>	<b>71,050,235</b>	<b>73,538,816</b>
3,471,787	3,475,242	3,453,383	3,428,591	3,552,512	3,676,941
52,076,809	52,128,630	51,800,745	51,428,864	53,287,676	55,154,112
9,260,567	9,269,782	9,211,476	9,145,346	9,475,890	9,807,789
977,134	978,106	971,954	964,977	999,854	1,034,875
3,649,448	3,653,080	3,630,102	3,604,041	3,734,303	3,865,100
<b>72,083,030</b>	<b>72,153,636</b>	<b>71,712,224</b>	<b>71,186,216</b>	<b>73,782,961</b>	<b>76,391,660</b>
3,604,161	3,607,691	3,585,620	3,559,320	3,689,157	3,819,593
54,465,760	54,517,232	54,183,855	53,783,102	55,747,384	57,720,880
9,330,565	9,339,958	9,281,674	9,214,880	9,548,658	9,883,841
980,207	981,277	975,213	968,293	1,003,381	1,038,616
3,702,338	3,707,479	3,685,861	3,660,621	3,794,380	3,928,730

14	15	16	17	18	19
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
91.00%	91.00%	91.00%	91.00%	91.00%	91.00%
4.00%	4.00%	4.00%	4.00%	4.00%	4.00%

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%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%

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

10,750	10,789	10,827	10,866	10,904	10,943
11,064	11,154	11,245	11,335	11,425	11,515
311,080	311,625	312,170	312,714	313,259	313,803
<b>332,895</b>	<b>333,569</b>	<b>334,242</b>	<b>334,915</b>	<b>335,588</b>	<b>336,261</b>

1.35	1.35	1.35	1.35	1.35	1.35
1.18	1.18	1.18	1.18	1.18	1.18
2.25	2.25	2.25	2.25	2.25	2.25

7,963	7,992	8,021	8,050	8,078	8,107
9,377	9,453	9,529	9,606	9,682	9,758
138,258	138,500	138,742	138,984	139,226	139,468
<b>155,597</b>	<b>155,945</b>	<b>156,292</b>	<b>156,639</b>	<b>156,986</b>	<b>157,334</b>

<b>1,539,342</b>	<b>1,547,554</b>	<b>1,551,660</b>	<b>1,555,709</b>	<b>1,559,815</b>	<b>1,563,921</b>
76,972	77,383	77,588	77,791	77,996	78,201
1,400,895	1,408,368	1,412,105	1,415,789	1,419,526	1,423,263
39,754	39,966	40,072	40,177	40,283	40,389
1,127	1,133	1,136	1,139	1,142	1,145
20,594	20,704	20,759	20,813	20,868	20,923



<b>1,654,089</b>	<b>1,669,465</b>	<b>1,678,201</b>	<b>1,686,879</b>	<b>1,695,557</b>	<b>1,704,293</b>
82,710	83,479	83,916	84,350	84,784	85,221
1,472,244	1,485,930	1,493,705	1,501,429	1,509,153	1,516,929
45,383	45,804	46,044	46,282	46,520	46,760
3,065	3,093	3,109	3,126	3,142	3,158
50,687	51,158	51,426	51,692	51,958	52,226

<b>90,075,166</b>	<b>90,269,599</b>	<b>90,307,142</b>	<b>90,344,685</b>	<b>90,382,229</b>	<b>90,419,772</b>
4,503,758	4,513,480	4,515,357	4,517,234	4,519,111	4,520,989
67,556,375	67,702,199	67,730,357	67,758,514	67,786,672	67,814,829
12,013,223	12,039,154	12,044,161	12,049,169	12,054,176	12,059,183
1,267,582	1,270,318	1,270,847	1,271,375	1,271,903	1,272,432
4,734,228	4,744,447	4,746,420	4,748,393	4,750,367	4,752,340

<b>93,268,598</b>	<b>93,486,617</b>	<b>93,537,003</b>	<b>93,587,273</b>	<b>93,637,600</b>	<b>93,687,986</b>
4,663,441	4,674,342	4,676,861	4,679,375	4,681,891	4,684,411
70,429,514	70,596,496	70,636,166	70,675,733	70,715,351	70,755,021
12,098,360	12,124,925	12,130,278	12,135,628	12,140,979	12,146,332
1,271,774	1,274,545	1,275,092	1,275,640	1,276,187	1,276,735
4,805,509	4,816,309	4,818,605	4,820,898	4,823,193	4,825,488

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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%

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1,759,365	1,768,751	1,773,444	1,778,071	1,782,764	1,787,457
1,890,522	1,908,096	1,918,081	1,927,999	1,937,917	1,947,902
135,494,073	135,786,561	135,843,025	135,899,489	135,955,953	136,012,417
<b>139,143,960</b>	<b>139,463,408</b>	<b>139,534,549</b>	<b>139,605,559</b>	<b>139,676,634</b>	<b>139,747,776</b>

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90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%

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-	-	-	-	-	-
10,059	10,140	10,222	10,304	10,386	10,468
282,800	283,295	283,790	284,286	284,781	285,276
<b>292,859</b>	<b>293,436</b>	<b>294,013</b>	<b>294,590</b>	<b>295,167</b>	<b>295,744</b>

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-	-	-	-	-	-
8,525	8,593	8,663	8,732	8,802	8,872
125,689	125,909	126,129	126,349	126,569	126,789
<b>134,214</b>	<b>134,502</b>	<b>134,792</b>	<b>135,081</b>	<b>135,371</b>	<b>135,661</b>

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<b>1,385,403</b>	<b>1,392,855</b>	<b>1,396,468</b>	<b>1,400,082</b>	<b>1,403,808</b>	<b>1,407,477</b>
69,275	69,647	69,828	70,009	70,195	70,379

1,260,800	1,267,582	1,270,871	1,274,159	1,277,550	1,280,890
35,779	35,971	36,064	36,158	36,254	36,349
1,014	1,020	1,022	1,025	1,028	1,031
18,535	18,634	18,683	18,731	18,781	18,830
<b>1,488,675</b>	<b>1,502,571</b>	<b>1,510,355</b>	<b>1,518,138</b>	<b>1,526,038</b>	<b>1,533,821</b>
74,439	75,134	75,523	75,912	76,307	76,697
1,325,015	1,337,383	1,344,311	1,351,239	1,358,270	1,365,198
40,844	41,225	41,439	41,653	41,869	42,083
2,758	2,784	2,798	2,813	2,828	2,842
45,618	46,044	46,283	46,521	46,763	47,002
<b>73,697,872</b>	<b>73,856,928</b>	<b>73,887,603</b>	<b>73,918,371</b>	<b>73,949,046</b>	<b>73,979,814</b>
3,684,894	3,692,846	3,694,380	3,695,919	3,697,452	3,698,991
55,273,404	55,392,696	55,415,703	55,438,778	55,461,785	55,484,860
9,829,002	9,850,215	9,854,306	9,858,410	9,862,501	9,866,604
1,037,113	1,039,351	1,039,783	1,040,216	1,040,648	1,041,081
3,873,460	3,881,819	3,883,432	3,885,049	3,886,661	3,888,278
<b>76,571,950</b>	<b>76,752,353</b>	<b>76,794,426</b>	<b>76,836,591</b>	<b>76,878,892</b>	<b>76,921,113</b>
3,828,607	3,837,628	3,839,731	3,841,840	3,843,955	3,846,066
57,859,219	57,997,661	58,030,885	58,064,177	58,097,605	58,130,948
9,905,625	9,927,411	9,931,809	9,936,220	9,940,624	9,945,036
1,040,886	1,043,155	1,043,604	1,044,054	1,044,503	1,044,953
3,937,613	3,946,498	3,948,397	3,950,301	3,952,205	3,954,110

20	21	22	23	24	25
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
91.00%	91.00%	91.00%	91.00%	91.00%	91.00%
4.00%	4.00%	4.00%	4.00%	4.00%	4.00%

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%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%

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

10,952	10,961	10,971	10,980	10,989	10,976
11,560	11,606	11,651	11,696	11,742	11,754
313,679	313,554	313,429	313,304	313,180	312,492
<b>336,191</b>	<b>336,121</b>	<b>336,051</b>	<b>335,981</b>	<b>335,911</b>	<b>335,221</b>

1.35	1.35	1.35	1.35	1.35	1.35
1.18	1.18	1.18	1.18	1.18	1.18
2.25	2.25	2.25	2.25	2.25	2.24

8,115	8,123	8,131	8,139	8,146	8,146
9,797	9,835	9,874	9,912	9,951	9,962
139,468	139,468	139,468	139,468	139,468	139,468
<b>157,380</b>	<b>157,426</b>	<b>157,473</b>	<b>157,519</b>	<b>157,565</b>	<b>157,576</b>

<b>1,567,970</b>	<b>1,568,540</b>	<b>1,569,110</b>	<b>1,569,738</b>	<b>1,570,251</b>	<b>1,570,878</b>
78,404	78,432	78,461	78,492	78,518	78,549
1,426,948	1,427,467	1,427,986	1,428,556	1,429,023	1,429,594
40,493	40,508	40,523	40,539	40,552	40,568
1,148	1,148	1,149	1,149	1,150	1,150
20,977	20,985	20,992	21,001	21,008	21,016

<b>1,712,912</b>	<b>1,716,698</b>	<b>1,720,367</b>	<b>1,724,094</b>	<b>1,727,822</b>	<b>1,731,549</b>
85,652	85,841	86,024	86,211	86,397	86,584
1,524,601	1,527,970	1,531,236	1,534,553	1,537,871	1,541,189
46,997	47,100	47,201	47,303	47,406	47,508
3,174	3,181	3,188	3,195	3,201	3,208
52,490	52,606	52,718	52,832	52,947	53,061

<b>90,457,316</b>	<b>90,353,130</b>	<b>90,248,945</b>	<b>90,144,759</b>	<b>90,040,573</b>	<b>89,936,388</b>
4,522,866	4,517,657	4,512,447	4,507,238	4,502,029	4,496,819
67,842,987	67,764,848	67,686,708	67,608,569	67,530,430	67,452,291
12,064,190	12,050,295	12,036,400	12,022,505	12,008,610	11,994,714
1,272,960	1,271,494	1,270,028	1,268,562	1,267,095	1,265,629
4,754,313	4,748,837	4,743,361	4,737,886	4,732,410	4,726,934

<b>93,738,198</b>	<b>93,638,368</b>	<b>93,538,422</b>	<b>93,438,591</b>	<b>93,338,646</b>	<b>93,238,815</b>
4,686,921	4,681,930	4,676,932	4,671,941	4,666,944	4,661,952
70,794,535	70,720,284	70,645,930	70,571,679	70,497,325	70,423,074
12,151,680	12,137,903	12,124,124	12,110,347	12,096,567	12,082,791
1,277,282	1,275,823	1,274,364	1,272,905	1,271,447	1,269,988
4,827,780	4,822,428	4,817,072	4,811,719	4,806,364	4,801,011

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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%

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1,792,085	1,792,737	1,793,388	1,794,105	1,794,692	1,795,409
1,957,753	1,962,080	1,966,274	1,970,534	1,974,794	1,979,054
136,068,881	135,912,177	135,755,473	135,598,769	135,442,065	135,285,361
<b>139,818,719</b>	<b>139,666,994</b>	<b>139,515,135</b>	<b>139,363,409</b>	<b>139,211,551</b>	<b>139,059,825</b>

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90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%

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-	-	-	-	-	-
10,509	10,551	10,592	10,633	10,674	10,685
285,162	285,049	284,935	284,822	284,708	284,083
<b>295,672</b>	<b>295,599</b>	<b>295,527</b>	<b>295,455</b>	<b>295,383</b>	<b>294,768</b>

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-	-	-	-	-	-
8,906	8,941	8,976	9,011	9,046	9,056
126,789	126,789	126,789	126,789	126,789	126,789
<b>135,695</b>	<b>135,730</b>	<b>135,765</b>	<b>135,800</b>	<b>135,835</b>	<b>135,845</b>

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<b>1,411,204</b>	<b>1,411,655</b>	<b>1,412,220</b>	<b>1,412,728</b>	<b>1,413,236</b>	<b>1,413,744</b>
70,565	70,587	70,616	70,641	70,667	70,692

1,284,281	1,284,692	1,285,206	1,285,668	1,286,130	1,286,593
36,445	36,456	36,471	36,484	36,497	36,510
1,033	1,034	1,034	1,034	1,035	1,035
18,880	18,886	18,894	18,900	18,907	18,914
<b>1,541,605</b>	<b>1,544,949</b>	<b>1,548,294</b>	<b>1,551,638</b>	<b>1,554,982</b>	<b>1,558,384</b>
77,086	77,253	77,420	77,587	77,755	77,925
1,372,126	1,375,103	1,378,080	1,381,056	1,384,033	1,387,060
42,296	42,388	42,480	42,572	42,663	42,757
2,856	2,863	2,869	2,875	2,881	2,887
47,240	47,343	47,445	47,548	47,650	47,754
<b>74,010,489</b>	<b>73,925,238</b>	<b>73,840,079</b>	<b>73,754,828</b>	<b>73,669,577</b>	<b>73,584,326</b>
3,700,524	3,696,262	3,692,004	3,687,741	3,683,479	3,679,216
55,507,867	55,443,929	55,380,059	55,316,121	55,252,183	55,188,244
9,870,695	9,859,326	9,847,968	9,836,598	9,825,228	9,813,858
1,041,512	1,040,313	1,039,114	1,037,914	1,036,715	1,035,515
3,889,890	3,885,410	3,880,934	3,876,453	3,871,972	3,867,492
<b>76,963,298</b>	<b>76,881,843</b>	<b>76,800,592</b>	<b>76,719,194</b>	<b>76,637,795</b>	<b>76,556,454</b>
3,848,175	3,844,102	3,840,040	3,835,970	3,831,900	3,827,833
58,164,274	58,103,724	58,043,344	57,982,845	57,922,346	57,861,898
9,949,437	9,938,170	9,926,919	9,915,654	9,904,389	9,893,126
1,045,402	1,044,209	1,043,017	1,041,824	1,040,631	1,039,438
3,956,010	3,951,638	3,947,272	3,942,901	3,938,530	3,934,160

26	27	28	29	30	31
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5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
91.00%	91.00%	91.00%	91.00%	91.00%	91.00%
4.00%	4.00%	4.00%	4.00%	4.00%	4.00%

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%
75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%	20.00%	20.00%

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

10,963	10,949	10,936	10,923	10,891	10,860
11,765	11,777	11,789	11,801	11,787	11,773
311,803	311,115	310,427	309,739	308,591	307,443
<b>334,532</b>	<b>333,842</b>	<b>333,152</b>	<b>332,462</b>	<b>331,269</b>	<b>330,075</b>

1.35	1.34	1.34	1.34	1.34	1.33
1.18	1.18	1.18	1.18	1.18	1.18
2.24	2.23	2.23	2.22	2.21	2.20

8,146	8,147	8,147	8,147	8,147	8,147
9,973	9,984	9,995	10,006	10,006	10,006
139,468	139,468	139,468	139,468	139,468	139,468
<b>157,587</b>	<b>157,598</b>	<b>157,609</b>	<b>157,620</b>	<b>157,620</b>	<b>157,620</b>

<b>1,568,540</b>	<b>1,566,202</b>	<b>1,563,921</b>	<b>1,561,583</b>	<b>1,559,302</b>	<b>1,554,682</b>
78,432	78,315	78,201	78,084	77,970	77,739
1,427,467	1,425,339	1,423,263	1,421,135	1,419,059	1,414,855
40,508	40,448	40,389	40,328	40,270	40,150
1,148	1,147	1,145	1,143	1,142	1,138
20,985	20,954	20,923	20,892	20,861	20,799

<b>1,731,433</b>	<b>1,731,374</b>	<b>1,731,200</b>	<b>1,731,142</b>	<b>1,731,083</b>	<b>1,727,997</b>
86,578	86,575	86,566	86,563	86,560	86,406
1,541,085	1,541,033	1,540,878	1,540,826	1,540,774	1,538,027
47,505	47,503	47,498	47,497	47,495	47,410
3,208	3,208	3,208	3,208	3,207	3,202
53,057	53,055	53,050	53,048	53,046	52,952

<b>89,701,055</b>	<b>89,465,619</b>	<b>89,230,184</b>	<b>88,994,749</b>	<b>88,759,314</b>	<b>88,409,621</b>
4,485,053	4,473,281	4,461,509	4,449,737	4,437,966	4,420,481
67,275,791	67,099,215	66,922,638	66,746,062	66,569,486	66,307,216
11,963,328	11,931,929	11,900,529	11,869,129	11,837,729	11,791,091
1,262,318	1,259,004	1,255,691	1,252,378	1,249,065	1,244,144
4,714,565	4,702,191	4,689,817	4,677,443	4,665,068	4,646,689

<b>93,001,027</b>	<b>92,763,196</b>	<b>92,525,305</b>	<b>92,287,474</b>	<b>92,049,699</b>	<b>91,692,300</b>
4,650,063	4,638,171	4,626,277	4,614,385	4,602,496	4,584,626
70,244,342	70,065,586	69,886,779	69,708,023	69,529,319	69,260,098
12,051,341	12,019,879	11,988,416	11,956,954	11,925,494	11,878,652
1,266,674	1,263,359	1,260,044	1,256,729	1,253,414	1,248,484
4,788,607	4,776,200	4,763,790	4,751,383	4,738,976	4,720,440

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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%

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1,792,737	1,790,064	1,787,457	1,784,785	1,782,178	1,776,898
1,978,921	1,978,855	1,978,655	1,978,588	1,978,522	1,974,994
134,931,270	134,577,171	134,222,964	133,868,865	133,514,766	132,988,655
<b>138,702,928</b>	<b>138,346,090</b>	<b>137,989,076</b>	<b>137,632,238</b>	<b>137,275,465</b>	<b>136,740,547</b>

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90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%
90%	90%	90%	90%	90%	90%

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-	-	-	-	-	-
10,696	10,706	10,717	10,728	10,715	10,703
283,457	282,832	282,206	281,581	280,537	279,493
<b>294,153</b>	<b>293,538</b>	<b>292,924</b>	<b>292,309</b>	<b>291,252</b>	<b>290,196</b>

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-	-	-	-	-	-
9,066	9,076	9,086	9,096	9,096	9,096
126,789	126,789	126,789	126,789	126,789	126,789
<b>135,855</b>	<b>135,865</b>	<b>135,875</b>	<b>135,885</b>	<b>135,885</b>	<b>135,885</b>

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<b>1,411,712</b>	<b>1,409,623</b>	<b>1,407,477</b>	<b>1,405,445</b>	<b>1,403,356</b>	<b>1,399,178</b>
70,590	70,486	70,379	70,277	70,172	69,964

1,284,743	1,282,842	1,280,890	1,279,040	1,277,139	1,273,337
36,458	36,404	36,349	36,296	36,242	36,134
1,034	1,032	1,031	1,029	1,027	1,024
18,887	18,859	18,830	18,803	18,775	18,719
<b>1,558,268</b>	<b>1,558,211</b>	<b>1,558,096</b>	<b>1,558,038</b>	<b>1,557,980</b>	<b>1,555,155</b>
77,919	77,916	77,910	77,907	77,905	77,763
1,386,958	1,386,906	1,386,804	1,386,753	1,386,701	1,384,187
42,754	42,752	42,749	42,747	42,746	42,668
2,887	2,887	2,887	2,887	2,887	2,881
47,751	47,749	47,746	47,744	47,742	47,655
<b>73,391,755</b>	<b>73,199,093</b>	<b>73,006,523</b>	<b>72,813,861</b>	<b>72,621,291</b>	<b>72,335,136</b>
3,669,588	3,659,955	3,650,326	3,640,693	3,631,065	3,616,757
55,043,816	54,899,320	54,754,892	54,610,396	54,465,968	54,251,352
9,788,175	9,762,480	9,736,797	9,711,102	9,685,419	9,647,255
1,032,805	1,030,094	1,027,384	1,024,673	1,021,963	1,017,936
3,857,371	3,847,244	3,837,123	3,826,997	3,816,876	3,801,836
<b>76,361,735</b>	<b>76,166,927</b>	<b>75,972,096</b>	<b>75,777,344</b>	<b>75,582,627</b>	<b>75,289,469</b>
3,818,097	3,808,357	3,798,615	3,788,877	3,779,142	3,764,484
57,715,517	57,569,069	57,422,586	57,276,188	57,129,808	56,908,876
9,867,387	9,841,636	9,815,895	9,790,146	9,764,407	9,726,058
1,036,726	1,034,013	1,031,301	1,028,589	1,025,877	1,021,842
3,924,008	3,913,852	3,903,699	3,893,544	3,883,393	3,868,211



32	33	34	35
5.00%	5.00%	5.00%	5.00%
91.00%	91.00%	91.00%	91.00%
4.00%	4.00%	4.00%	4.00%
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%
75.00%	75.00%	75.00%	75.00%
20.00%	20.00%	20.00%	20.00%
99%	99%	99%	99%
99%	99%	99%	99%
99%	99%	99%	99%
10,829	10,798	10,766	10,735
11,759	11,745	11,731	11,717
306,294	305,147	303,998	302,849
<b>328,882</b>	<b>327,689</b>	<b>326,496</b>	<b>325,301</b>
1.33	1.33	1.32	1.32
1.18	1.17	1.17	1.17
2.20	2.19	2.18	2.17
8,147	8,147	8,147	8,147
10,006	10,006	10,006	10,006
139,468	139,468	139,468	139,468
<b>157,620</b>	<b>157,620</b>	<b>157,620</b>	<b>157,620</b>
<b>1,550,006</b>	<b>1,545,330</b>	<b>1,540,654</b>	<b>1,536,034</b>
77,505	77,272	77,038	76,807
1,410,600	1,406,344	1,402,088	1,397,884
40,029	39,909	39,788	39,669
1,135	1,131	1,128	1,125
20,737	20,674	20,612	20,550

<b>1,724,852</b>	<b>1,721,765</b>	<b>1,718,620</b>	<b>1,715,591</b>
86,249	86,094	85,937	85,786
1,535,227	1,532,480	1,529,681	1,526,985
47,324	47,239	47,153	47,070
3,196	3,190	3,184	3,179
52,856	52,761	52,665	52,572
<b>88,059,928</b>	<b>87,710,235</b>	<b>87,360,541</b>	<b>87,010,848</b>
4,402,996	4,385,512	4,368,027	4,350,542
66,044,946	65,782,676	65,520,406	65,258,136
11,744,453	11,697,815	11,651,177	11,604,538
1,239,223	1,234,302	1,229,381	1,224,460
4,628,310	4,609,930	4,591,551	4,573,171
<b>91,334,786</b>	<b>90,977,329</b>	<b>90,619,815</b>	<b>90,262,474</b>
4,566,751	4,548,878	4,531,002	4,513,135
68,990,773	68,721,500	68,452,175	68,183,006
11,831,807	11,784,963	11,738,118	11,691,277
1,243,554	1,238,623	1,233,693	1,228,763
4,701,902	4,683,366	4,664,827	4,646,293
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
25.00%	25.00%	25.00%	25.00%
1,771,554	1,766,209	1,760,864	1,755,585
1,971,399	1,967,871	1,964,277	1,960,816
132,462,653	131,936,651	131,410,649	130,884,539
<b>136,205,606</b>	<b>135,670,732</b>	<b>135,135,790</b>	<b>134,600,939</b>
90%	90%	90%	90%
90%	90%	90%	90%
90%	90%	90%	90%
-	-	-	-
10,690	10,677	10,665	10,652
278,449	277,406	276,362	275,318
<b>289,139</b>	<b>288,083</b>	<b>287,027</b>	<b>285,970</b>
-	-	-	-
9,096	9,096	9,096	9,096
126,789	126,789	126,789	126,789
<b>135,885</b>	<b>135,885</b>	<b>135,885</b>	<b>135,885</b>
<b>1,395,000</b>	<b>1,390,766</b>	<b>1,386,588</b>	<b>1,382,467</b>
69,755	69,543	69,334	69,128

1,269,535	1,265,681	1,261,879	1,258,129
36,026	35,917	35,809	35,703
1,021	1,018	1,015	1,012
18,663	18,606	18,551	18,495
<b>1,552,387</b>	<b>1,549,562</b>	<b>1,546,795</b>	<b>1,543,969</b>
77,625	77,484	77,345	77,204
1,381,723	1,379,209	1,376,745	1,374,231
42,592	42,515	42,439	42,361
2,876	2,871	2,866	2,861
47,571	47,484	47,399	47,313
<b>72,049,073</b>	<b>71,762,919</b>	<b>71,476,765</b>	<b>71,190,702</b>
3,602,454	3,588,146	3,573,838	3,559,535
54,036,805	53,822,189	53,607,574	53,393,027
9,609,104	9,570,939	9,532,775	9,494,623
1,013,910	1,009,883	1,005,856	1,001,831
3,786,801	3,771,761	3,756,721	3,741,686
<b>74,996,461</b>	<b>74,703,247</b>	<b>74,410,148</b>	<b>74,117,138</b>
3,749,833	3,735,173	3,720,518	3,705,867
56,688,063	56,467,079	56,246,198	56,025,386
9,687,722	9,649,371	9,611,023	9,572,688
1,017,808	1,013,773	1,009,738	1,005,704
3,853,035	3,837,852	3,822,671	3,807,494

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

Receita

Ano do Contrato de Concessão		TOTAL	1
<b>Tabela 15 - Inadimplência</b>			
1	Miguel Pereira		21.20%
2	Paty do Alferes		29.23%
3	Rio de Janeiro - AP 4		18.74%
<b>Tabela 16 - Tarifa Média de Água por Município (R\$/m³)</b>			
<b>1 Miguel Pereira</b>			
	Tarifa Social		0.00
	Residencial		4.56
	Comercial		11.45
	Industrial		20.15
	Pública		7.63
<b>2 Paty do Alferes</b>			
	Tarifa Social		0.00
	Residencial		4.60
	Comercial		12.19
	Industrial		18.91
	Pública		8.51
<b>3 Rio de Janeiro - AP 4</b>			
	Tarifa Social		3.47
	Residencial		5.34
	Comercial		17.06
	Industrial		24.91
	Pública		12.15
<b>Tabela 17 - Projeções de Receita por Município (R\$ Mil)</b>			
<b>1 Miguel Pereira</b>			
	<b>Receita Faturada</b>	<b>478,733</b>	<b>9,975</b>
	Tarifa Social	-	-
	Residencial	435,664	9,116
	Comercial	30,871	616
	Industrial	1,540	31
	Pública	10,657	213
	<b>Inadimplência</b>	<b>-59,328</b>	<b>-2,115</b>
	<b>Receita Arrecadada</b>	<b>419,404</b>	<b>7,860</b>
<b>2 Paty do Alferes</b>			
	<b>Receita Faturada</b>	<b>492,529</b>	<b>9,380</b>
	Tarifa Social	-	-
	Residencial	427,080	8,187
	Comercial	34,731	633
	Industrial	3,638	66
	Pública	27,080	494
	<b>Inadimplência</b>	<b>-65,322</b>	<b>-2,741</b>
	<b>Receita Arrecadada</b>	<b>427,207</b>	<b>6,639</b>
<b>3 Rio de Janeiro - AP 4</b>			

<b>Receita Faturada</b>	<b>42,116,259</b>	<b>1,048,080</b>
Tarifa Social	<b>913,418</b>	8,588
Residencial	<b>22,752,971</b>	583,665
Comercial	<b>12,861,234</b>	317,752
Industrial	<b>1,980,987</b>	48,943
Pública	<b>3,607,650</b>	89,131
<b>Inadimplência</b>	<b>-4,979,128</b>	<b>-196,409</b>
<b>Receita Arrecadada</b>	<b>37,137,131</b>	<b>851,671</b>

**TOTAL**

<b>Receita Faturada</b>	<b>43,087,521</b>	<b>1,067,435</b>
Tarifa Social	<b>913,418</b>	8,588
Residencial	<b>23,615,715</b>	600,968
Comercial	<b>12,926,836</b>	319,001
Industrial	<b>1,986,166</b>	49,040
Pública	<b>3,645,387</b>	89,838
<b>Inadimplência</b>	<b>-5,103,779</b>	<b>-201,265</b>
<b>Receita Arrecadada</b>	<b>37,983,742</b>	<b>866,170</b>

## gotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 2

2	3	4	5	6	7	8
20.40%	19.60%	18.80%	18.00%	17.20%	16.40%	15.60%
27.85%	26.48%	25.11%	23.73%	22.36%	20.99%	19.61%
18.12%	17.49%	16.87%	16.24%	15.62%	14.99%	14.37%
0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.56	4.56	4.56	4.56	4.56	4.56	4.56
11.45	11.45	11.45	11.45	11.45	11.45	11.45
20.15	20.15	20.15	20.15	20.15	20.15	20.15
7.63	7.63	7.63	7.63	7.63	7.63	7.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.60	4.60	4.60	4.60	4.60	4.60	4.60
12.19	12.19	12.19	12.19	12.19	12.19	12.19
18.91	18.91	18.91	18.91	18.91	18.91	18.91
8.51	8.51	8.51	8.51	8.51	8.51	8.51
3.47	3.47	3.47	3.47	3.47	3.47	3.47
5.34	5.34	5.34	5.34	5.34	5.34	5.34
17.06	17.06	17.06	17.06	17.06	17.06	17.06
24.91	24.91	24.91	24.91	24.91	24.91	24.91
12.15	12.15	12.15	12.15	12.15	12.15	12.15
<b>10,019</b>	<b>12,304</b>	<b>14,347</b>	<b>16,117</b>	<b>17,664</b>	<b>16,752</b>	<b>15,750</b>
-	-	-	-	-	-	-
9,150	11,230	13,086	14,690	16,089	15,248	14,326
623	770	904	1,023	1,129	1,078	1,021
31	38	45	51	56	54	51
215	266	312	353	390	372	352
<b>-2,044</b>	<b>-2,412</b>	<b>-2,697</b>	<b>-2,901</b>	<b>-3,038</b>	<b>-2,747</b>	<b>-2,457</b>
<b>7,975</b>	<b>9,893</b>	<b>11,650</b>	<b>13,216</b>	<b>14,626</b>	<b>14,005</b>	<b>13,293</b>
<b>9,526</b>	<b>10,059</b>	<b>10,642</b>	<b>11,123</b>	<b>11,524</b>	<b>11,892</b>	<b>12,301</b>
-	-	-	-	-	-	-
8,306	8,762	9,261	9,669	10,007	10,317	10,660
647	688	733	771	805	836	871
68	72	77	81	84	88	91
505	537	572	601	627	652	679
<b>-2,653</b>	<b>-2,664</b>	<b>-2,672</b>	<b>-2,640</b>	<b>-2,577</b>	<b>-2,496</b>	<b>-2,413</b>
<b>6,872</b>	<b>7,395</b>	<b>7,970</b>	<b>8,483</b>	<b>8,947</b>	<b>9,396</b>	<b>9,889</b>

<b>1,053,170</b>	<b>1,114,057</b>	<b>1,169,948</b>	<b>1,237,913</b>	<b>1,261,094</b>	<b>1,289,751</b>	<b>1,263,744</b>
10,887	13,910	17,127	20,794	23,912	27,252	29,449
583,715	614,508	642,229	676,241	685,539	697,667	680,210
319,663	338,534	355,928	377,041	384,546	393,740	386,248
49,237	52,144	54,823	58,075	59,231	60,647	59,493
89,667	94,961	99,840	105,762	107,867	110,446	108,345
<b>-190,788</b>	<b>-194,863</b>	<b>-197,335</b>	<b>-201,071</b>	<b>-196,964</b>	<b>-193,388</b>	<b>-181,599</b>
<b>862,382</b>	<b>919,194</b>	<b>972,612</b>	<b>1,036,842</b>	<b>1,064,130</b>	<b>1,096,363</b>	<b>1,082,145</b>

1,072,715	1,136,420	1,194,937	1,265,152	1,290,282	1,318,395	1,291,795
10,887	13,910	17,127	20,794	23,912	27,252	29,449
601,171	634,500	664,576	700,601	711,636	723,231	705,196
320,933	339,992	357,565	378,834	386,479	395,654	388,139
49,336	52,254	54,945	58,207	59,371	60,788	59,635
90,387	95,763	100,724	106,716	108,884	111,470	109,376
<b>-195,485</b>	<b>-199,938</b>	<b>-202,705</b>	<b>-206,612</b>	<b>-202,579</b>	<b>-198,631</b>	<b>-186,469</b>
877,230	936,481	992,233	1,058,540	1,087,703	1,119,764	1,105,326

9	10	11	12	13	14	15
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14.80%	14.00%	13.20%	12.40%	11.60%	10.80%	10.00%
18.24%	16.87%	15.49%	14.12%	12.75%	11.37%	10.00%
13.75%	13.12%	12.50%	11.87%	11.25%	10.62%	10.00%

0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.56	4.56	4.56	4.56	4.56	4.56	4.56
11.45	11.45	11.45	11.45	11.45	11.45	11.45
20.15	20.15	20.15	20.15	20.15	20.15	20.15
7.63	7.63	7.63	7.63	7.63	7.63	7.63

0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.60	4.60	4.60	4.60	4.60	4.60	4.60
12.19	12.19	12.19	12.19	12.19	12.19	12.19
18.91	18.91	18.91	18.91	18.91	18.91	18.91
8.51	8.51	8.51	8.51	8.51	8.51	8.51

3.47	3.47	3.47	3.47	3.47	3.47	3.47
5.34	5.34	5.34	5.34	5.34	5.34	5.34
17.06	17.06	17.06	17.06	17.06	17.06	17.06
24.91	24.91	24.91	24.91	24.91	24.91	24.91
12.15	12.15	12.15	12.15	12.15	12.15	12.15

<b>14,934</b>	<b>14,103</b>	<b>13,129</b>	<b>13,201</b>	<b>13,273</b>	<b>13,344</b>	<b>13,415</b>
-	-	-	-	-	-	-
13,584	12,828	11,942	12,008	12,073	12,137	12,202
968	914	851	856	860	865	869
48	46	42	43	43	43	43
334	316	294	295	297	299	300
<b>-2,210</b>	<b>-1,974</b>	<b>-1,733</b>	<b>-1,637</b>	<b>-1,540</b>	<b>-1,441</b>	<b>-1,342</b>
<b>12,724</b>	<b>12,129</b>	<b>11,396</b>	<b>11,564</b>	<b>11,733</b>	<b>11,903</b>	<b>12,074</b>

<b>12,693</b>	<b>13,055</b>	<b>13,315</b>	<b>14,007</b>	<b>14,710</b>	<b>14,848</b>	<b>14,986</b>
-	-	-	-	-	-	-
11,000	11,314	11,539	12,139	12,748	12,867	12,987
899	924	943	992	1,041	1,051	1,061
94	97	99	104	109	110	111
701	721	735	773	812	820	827
<b>-2,315</b>	<b>-2,202</b>	<b>-2,063</b>	<b>-1,978</b>	<b>-1,875</b>	<b>-1,689</b>	<b>-1,499</b>
<b>10,378</b>	<b>10,853</b>	<b>11,252</b>	<b>12,029</b>	<b>12,835</b>	<b>13,159</b>	<b>13,488</b>



<b>1,242,002</b>	<b>1,208,930</b>	<b>1,176,870</b>	<b>1,196,771</b>	<b>1,216,747</b>	<b>1,219,379</b>	<b>1,222,010</b>
28,942	28,171	27,424	27,888	28,353	28,415	28,476
668,507	650,706	633,450	644,162	654,914	656,330	657,747
379,603	369,494	359,696	365,778	371,884	372,688	373,492
58,469	56,912	55,403	56,340	57,280	57,404	57,528
106,481	103,645	100,897	102,603	104,315	104,541	104,767
<b>-170,721</b>	<b>-158,628</b>	<b>-147,075</b>	<b>-142,091</b>	<b>-136,866</b>	<b>-129,550</b>	<b>-122,201</b>
<b>1,071,281</b>	<b>1,050,302</b>	<b>1,029,795</b>	<b>1,054,680</b>	<b>1,079,880</b>	<b>1,089,828</b>	<b>1,099,809</b>

1,269,630	1,236,088	1,203,315	1,223,979	1,244,729	1,247,571	1,250,412
28,942	28,171	27,424	27,888	28,353	28,415	28,476
693,091	674,847	656,931	668,308	679,734	681,335	682,936
381,469	371,333	361,489	367,625	373,785	374,604	375,423
58,612	57,055	55,544	56,487	57,432	57,558	57,683
107,515	104,681	101,925	103,671	105,424	105,659	105,894
<b>-175,247</b>	<b>-162,805</b>	<b>-150,871</b>	<b>-145,705</b>	<b>-140,281</b>	<b>-132,680</b>	<b>-125,041</b>
<b>1,094,383</b>	<b>1,073,283</b>	<b>1,052,444</b>	<b>1,078,274</b>	<b>1,104,448</b>	<b>1,114,891</b>	<b>1,125,371</b>

16	17	18	19	20	21	22
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10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%

0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.56	4.56	4.56	4.56	4.56	4.56	4.56
11.45	11.45	11.45	11.45	11.45	11.45	11.45
20.15	20.15	20.15	20.15	20.15	20.15	20.15
7.63	7.63	7.63	7.63	7.63	7.63	7.63

0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.60	4.60	4.60	4.60	4.60	4.60	4.60
12.19	12.19	12.19	12.19	12.19	12.19	12.19
18.91	18.91	18.91	18.91	18.91	18.91	18.91
8.51	8.51	8.51	8.51	8.51	8.51	8.51

3.47	3.47	3.47	3.47	3.47	3.47	3.47
5.34	5.34	5.34	5.34	5.34	5.34	5.34
17.06	17.06	17.06	17.06	17.06	17.06	17.06
24.91	24.91	24.91	24.91	24.91	24.91	24.91
12.15	12.15	12.15	12.15	12.15	12.15	12.15

<b>13,451</b>	<b>13,486</b>	<b>13,521</b>	<b>13,557</b>	<b>13,592</b>	<b>13,597</b>	<b>13,602</b>
-	-	-	-	-	-	-
12,234	12,266	12,299	12,331	12,363	12,367	12,372
872	874	876	879	881	881	882
43	44	44	44	44	44	44
301	302	303	303	304	304	304
<b>-1,345</b>	<b>-1,349</b>	<b>-1,352</b>	<b>-1,356</b>	<b>-1,359</b>	<b>-1,360</b>	<b>-1,360</b>
<b>12,106</b>	<b>12,137</b>	<b>12,169</b>	<b>12,201</b>	<b>12,233</b>	<b>12,237</b>	<b>12,242</b>

<b>15,065</b>	<b>15,142</b>	<b>15,221</b>	<b>15,299</b>	<b>15,376</b>	<b>15,410</b>	<b>15,443</b>
-	-	-	-	-	-	-
13,055	13,122	13,190	13,258	13,325	13,354	13,383
1,066	1,072	1,077	1,083	1,088	1,091	1,093
112	112	113	113	114	114	115
831	836	840	844	849	851	852
<b>-1,506</b>	<b>-1,514</b>	<b>-1,522</b>	<b>-1,530</b>	<b>-1,538</b>	<b>-1,541</b>	<b>-1,544</b>
<b>13,558</b>	<b>13,628</b>	<b>13,699</b>	<b>13,769</b>	<b>13,839</b>	<b>13,869</b>	<b>13,899</b>

<b>1,222,518</b>	<b>1,223,027</b>	<b>1,223,535</b>	<b>1,224,044</b>	<b>1,224,551</b>	<b>1,223,141</b>	<b>1,221,731</b>
28,488	28,500	28,512	28,524	28,535	28,503	28,470
658,020	658,294	658,567	658,841	659,115	658,355	657,597
373,648	373,803	373,958	374,114	374,269	373,838	373,407
57,552	57,576	57,600	57,624	57,648	57,581	57,515
104,810	104,854	104,897	104,941	104,985	104,864	104,743
<b>-122,252</b>	<b>-122,303</b>	<b>-122,353</b>	<b>-122,404</b>	<b>-122,455</b>	<b>-122,314</b>	<b>-122,173</b>
<b>1,100,267</b>	<b>1,100,724</b>	<b>1,101,181</b>	<b>1,101,639</b>	<b>1,102,096</b>	<b>1,100,827</b>	<b>1,099,558</b>

1,251,033	1,251,655	1,252,277	1,252,899	1,253,520	1,252,148	1,250,776
28,488	28,500	28,512	28,524	28,535	28,503	28,470
683,310	683,682	684,056	684,430	684,803	684,077	683,352
375,586	375,749	375,912	376,075	376,238	375,810	375,382
57,707	57,732	57,757	57,781	57,806	57,740	57,674
105,943	105,991	106,040	106,089	106,137	106,018	105,900
<b>-125,103</b>	<b>-125,165</b>	<b>-125,228</b>	<b>-125,290</b>	<b>-125,352</b>	<b>-125,215</b>	<b>-125,078</b>
<b>1,125,930</b>	<b>1,126,489</b>	<b>1,127,049</b>	<b>1,127,609</b>	<b>1,128,168</b>	<b>1,126,933</b>	<b>1,125,699</b>

23	24	25	26	27	28	29
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10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%

0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.56	4.56	4.56	4.56	4.56	4.56	4.56
11.45	11.45	11.45	11.45	11.45	11.45	11.45
20.15	20.15	20.15	20.15	20.15	20.15	20.15
7.63	7.63	7.63	7.63	7.63	7.63	7.63

0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.60	4.60	4.60	4.60	4.60	4.60	4.60
12.19	12.19	12.19	12.19	12.19	12.19	12.19
18.91	18.91	18.91	18.91	18.91	18.91	18.91
8.51	8.51	8.51	8.51	8.51	8.51	8.51

3.47	3.47	3.47	3.47	3.47	3.47	3.47
5.34	5.34	5.34	5.34	5.34	5.34	5.34
17.06	17.06	17.06	17.06	17.06	17.06	17.06
24.91	24.91	24.91	24.91	24.91	24.91	24.91
12.15	12.15	12.15	12.15	12.15	12.15	12.15

<b>13,607</b>	<b>13,612</b>	<b>13,617</b>	<b>13,597</b>	<b>13,577</b>	<b>13,557</b>	<b>13,537</b>
-	-	-	-	-	-	-
12,377	12,381	12,386	12,368	12,349	12,331	12,313
882	882	883	881	880	879	877
44	44	44	44	44	44	44
304	305	305	304	304	303	303
<b>-1,361</b>	<b>-1,361</b>	<b>-1,362</b>	<b>-1,360</b>	<b>-1,358</b>	<b>-1,356</b>	<b>-1,354</b>
<b>12,247</b>	<b>12,251</b>	<b>12,255</b>	<b>12,237</b>	<b>12,219</b>	<b>12,201</b>	<b>12,183</b>

<b>15,476</b>	<b>15,510</b>	<b>15,543</b>	<b>15,542</b>	<b>15,542</b>	<b>15,540</b>	<b>15,540</b>
-	-	-	-	-	-	-
13,412	13,441	13,470	13,469	13,469	13,467	13,467
1,096	1,098	1,100	1,100	1,100	1,100	1,100
115	115	115	115	115	115	115
854	856	858	858	858	858	858
<b>-1,548</b>	<b>-1,551</b>	<b>-1,554</b>	<b>-1,554</b>	<b>-1,554</b>	<b>-1,554</b>	<b>-1,554</b>
<b>13,929</b>	<b>13,959</b>	<b>13,989</b>	<b>13,988</b>	<b>13,988</b>	<b>13,986</b>	<b>13,986</b>

<b>1,220,321</b>	<b>1,218,910</b>	<b>1,217,500</b>	<b>1,214,314</b>	<b>1,211,126</b>	<b>1,207,940</b>	<b>1,204,752</b>
28,437	28,404	28,371	28,297	28,223	28,148	28,074
656,837	656,078	655,319	653,604	651,889	650,173	648,458
372,976	372,545	372,114	371,140	370,166	369,192	368,218
57,449	57,382	57,316	57,166	57,016	56,866	56,716
104,622	104,501	104,380	104,107	103,834	103,560	103,287
<b>-122,032</b>	<b>-121,891</b>	<b>-121,750</b>	<b>-121,431</b>	<b>-121,113</b>	<b>-120,794</b>	<b>-120,475</b>
<b>1,098,289</b>	<b>1,097,019</b>	<b>1,095,750</b>	<b>1,092,882</b>	<b>1,090,014</b>	<b>1,087,146</b>	<b>1,084,277</b>

1,249,404	1,248,032	1,246,660	1,243,453	1,240,245	1,237,037	1,233,829
28,437	28,404	28,371	28,297	28,223	28,148	28,074
682,626	681,900	681,175	679,441	677,706	675,972	674,237
374,954	374,525	374,097	373,122	372,146	371,171	370,195
57,607	57,541	57,475	57,325	57,175	57,025	56,875
105,781	105,662	105,543	105,269	104,995	104,722	104,448
<b>-124,940</b>	<b>-124,803</b>	<b>-124,666</b>	<b>-124,345</b>	<b>-124,025</b>	<b>-123,704</b>	<b>-123,383</b>
<b>1,124,464</b>	<b>1,123,229</b>	<b>1,121,994</b>	<b>1,119,108</b>	<b>1,116,221</b>	<b>1,113,333</b>	<b>1,110,446</b>

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30	31	32	33	34	35
10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
0.00	0.00	0.00	0.00	0.00	0.00
4.56	4.56	4.56	4.56	4.56	4.56
11.45	11.45	11.45	11.45	11.45	11.45
20.15	20.15	20.15	20.15	20.15	20.15
7.63	7.63	7.63	7.63	7.63	7.63
0.00	0.00	0.00	0.00	0.00	0.00
4.60	4.60	4.60	4.60	4.60	4.60
12.19	12.19	12.19	12.19	12.19	12.19
18.91	18.91	18.91	18.91	18.91	18.91
8.51	8.51	8.51	8.51	8.51	8.51
3.47	3.47	3.47	3.47	3.47	3.47
5.34	5.34	5.34	5.34	5.34	5.34
17.06	17.06	17.06	17.06	17.06	17.06
24.91	24.91	24.91	24.91	24.91	24.91
12.15	12.15	12.15	12.15	12.15	12.15
<b>13,517</b>	<b>13,477</b>	<b>13,436</b>	<b>13,396</b>	<b>13,355</b>	<b>13,315</b>
-	-	-	-	-	-
12,295	12,258	12,221	12,184	12,148	12,111
876	873	871	868	866	863
44	44	43	43	43	43
302	302	301	300	299	298
<b>-1,352</b>	<b>-1,348</b>	<b>-1,344</b>	<b>-1,340</b>	<b>-1,336</b>	<b>-1,332</b>
<b>12,165</b>	<b>12,129</b>	<b>12,093</b>	<b>12,056</b>	<b>12,020</b>	<b>11,984</b>
<b>15,539</b>	<b>15,511</b>	<b>15,484</b>	<b>15,456</b>	<b>15,428</b>	<b>15,400</b>
-	-	-	-	-	-
13,466	13,442	13,418	13,394	13,370	13,346
1,100	1,098	1,096	1,094	1,092	1,090
115	115	115	115	114	114
858	856	855	853	852	850
<b>-1,554</b>	<b>-1,551</b>	<b>-1,548</b>	<b>-1,546</b>	<b>-1,543</b>	<b>-1,540</b>
<b>13,985</b>	<b>13,960</b>	<b>13,935</b>	<b>13,910</b>	<b>13,885</b>	<b>13,860</b>

<b>1,201,566</b>	<b>1,196,831</b>	<b>1,192,098</b>	<b>1,187,364</b>	<b>1,182,629</b>	<b>1,177,896</b>
28,000	27,889	27,779	27,669	27,558	27,448
646,742	644,194	641,646	639,098	636,550	634,002
367,244	365,797	364,350	362,903	361,456	360,009
56,566	56,343	56,120	55,897	55,674	55,451
103,014	102,608	102,202	101,796	101,391	100,985
<b>-120,157</b>	<b>-119,683</b>	<b>-119,210</b>	<b>-118,736</b>	<b>-118,263</b>	<b>-117,790</b>
<b>1,081,409</b>	<b>1,077,148</b>	<b>1,072,888</b>	<b>1,068,627</b>	<b>1,064,366</b>	<b>1,060,106</b>

1,230,622	1,225,820	1,221,018	1,216,215	1,211,412	1,206,611
28,000	27,889	27,779	27,669	27,558	27,448
672,503	669,895	667,286	664,676	662,067	659,459
369,220	367,768	366,317	364,865	363,414	361,963
56,725	56,501	56,278	56,055	55,832	55,609
104,174	103,766	103,358	102,949	102,541	102,133
<b>-123,062</b>	<b>-122,582</b>	<b>-122,102</b>	<b>-121,621</b>	<b>-121,141</b>	<b>-120,661</b>
<b>1,107,560</b>	<b>1,103,238</b>	<b>1,098,916</b>	<b>1,094,593</b>	<b>1,090,271</b>	<b>1,085,950</b>

# 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)**

<b>1 Miguel Pereira</b>		
<b>Produção de Água</b>	<b>157,500</b>	<b>5,943</b>
Materiais de Tratamento	6,996	218
Energia	148,180	5,675
Pessoal	1,166	25
Manutenção	392	8
Outros Custos Operacionais	766	17
<b>Distribuição de Água</b>	<b>44,075</b>	<b>953</b>
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	22,193	480
Manutenção	7,354	159
Outros Custos Operacionais	14,528	314
<b>Coleta de Esgoto</b>	<b>21,574</b>	<b>3</b>
Materiais de Tratamento	-	-
Energia	21,574	3
Pessoal	-	-
Manutenção	-	-
Outros Custos Operacionais	-	-
<b>Tratamento de Esgoto</b>	<b>15,778</b>	<b>-</b>
Materiais de Tratamento	6,383	-
Energia	9,395	-
Pessoal	-	-
Manutenção	-	-
Outros Custos Operacionais	-	-
<b>Paty do Alferes</b>		
<b>Produção de Água</b>	<b>36,479</b>	<b>977</b>
Materiais de Tratamento	6,888	153
Energia	26,906	772
Pessoal	1,353	26
Manutenção	447	9
Outros Custos Operacionais	885	17
<b>Distribuição de Água</b>	<b>51,153</b>	<b>971</b>
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	25,750	489
Manutenção	8,537	162
Outros Custos Operacionais	16,866	320
<b>Coleta de Esgoto</b>	<b>52,728</b>	<b>70</b>
Materiais de Tratamento	-	-



Energia	11,453	-
Pessoal	20,778	35
Manutenção	6,889	12
Outros Custos Operacionais	13,608	23
<b>Tratamento de Esgoto</b>	<b>19,358</b>	<b>4</b>
Materiais de Tratamento	6,293	-
Energia	10,891	-
Pessoal	1,092	2
Manutenção	363	1
Outros Custos Operacionais	719	1
<b>Rio de Janeiro - AP 4</b>		
<b>Produção de Água</b>	<b>1,099,378</b>	<b>32,589</b>
Materiais de Tratamento	-	-
Energia	866,556	29,077
Pessoal	86,458	2,168
Manutenção	32,262	809
Outros Custos Operacionais	114,102	535
<b>Distribuição de Água</b>	<b>2,510,331</b>	<b>62,952</b>
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	1,642,638	41,193
Manutenção	612,917	15,370
Outros Custos Operacionais	254,776	6,389
<b>Coleta de Esgoto</b>	<b>2,740,814</b>	<b>61,964</b>
Materiais de Tratamento	-	-
Energia	571,014	15,577
Pessoal	1,419,808	30,353
Manutenção	529,772	11,326
Outros Custos Operacionais	220,220	4,708
<b>Tratamento de Esgoto</b>	<b>1,386,233</b>	<b>28,048</b>
Materiais de Tratamento	265,315	-
Energia	1,006,710	25,606
Pessoal	74,726	1,598
Manutenção	27,891	596
Outros Custos Operacionais	11,591	248
<b>TOTAL</b>		
<b>Produção de Água</b>	<b>1,293,357</b>	<b>39,509</b>
Materiais de Tratamento	13,884	371
Energia	1,041,642	35,524
Pessoal	88,977	2,219
Manutenção	33,101	826
Outros Custos Operacionais	115,753	569
<b>Distribuição de Água</b>	<b>2,605,559</b>	<b>64,876</b>
Materiais de Tratamento	-	-
Energia	-	-
Pessoal	1,690,581	42,162
Manutenção	628,808	15,691
Outros Custos Operacionais	286,170	7,023

<b>Coleta de Esgoto</b>	<b>2,815,116</b>	<b>62,037</b>
Materiais de Tratamento	-	-
Energia	604,041	15,580
Pessoal	1,440,586	30,388
Manutenção	536,661	11,338
Outros Custos Operacionais	233,828	4,731
<b>Tratamento de Esgoto</b>	<b>1,421,369</b>	<b>28,052</b>
Materiais de Tratamento	277,991	-
Energia	1,026,996	25,606
Pessoal	75,818	1,600
Manutenção	28,254	597
Outros Custos Operacionais	12,310	249

## mento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 2

	2	3	4	5	6
	<b>5,948</b>	<b>6,018</b>	<b>6,012</b>	<b>5,869</b>	<b>5,799</b>
	221	289	281	272	265
	5,675	5,675	5,675	5,538	5,471
	26	27	28	30	32
	9	9	9	10	10
	17	18	19	19	21
	<b>970</b>	<b>1,025</b>	<b>1,073</b>	<b>1,123</b>	<b>1,194</b>
	-	-	-	-	-
	-	-	-	-	-
	488	516	540	565	601
	162	171	179	188	199
	320	338	354	370	394
	<b>5</b>	<b>37</b>	<b>581</b>	<b>859</b>	<b>830</b>
	-	-	-	-	-
	5	37	581	859	830
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	<b>482</b>	<b>828</b>	<b>1,124</b>
	-	-	155	180	196
	-	-	327	648	928
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	<b>998</b>	<b>1,054</b>	<b>1,055</b>	<b>1,051</b>	<b>1,044</b>
	156	207	205	202	200
	789	792	792	789	782
	27	28	29	30	31
	9	9	10	10	10
	17	18	19	20	21
	<b>1,003</b>	<b>1,049</b>	<b>1,097</b>	<b>1,146</b>	<b>1,188</b>
	-	-	-	-	-
	-	-	-	-	-
	505	528	552	577	598
	167	175	183	191	198
	331	346	362	378	392
	<b>105</b>	<b>420</b>	<b>579</b>	<b>717</b>	<b>835</b>
	-	-	-	-	-

32	67	139	186	211
37	178	222	267	314
12	59	73	89	104
24	116	145	175	206
<b>4</b>	<b>18</b>	<b>223</b>	<b>355</b>	<b>391</b>
-	-	181	146	153
-	-	18	181	205
2	9	12	14	17
1	3	4	5	5
1	6	8	9	11
<b>35,247</b>	<b>35,308</b>	<b>35,372</b>	<b>34,723</b>	<b>34,084</b>
-	-	-	-	-
29,771	29,771	29,771	29,059	28,262
2,194	2,233	2,273	2,313	2,345
819	833	848	863	875
2,463	2,471	2,480	2,488	2,602
<b>63,706</b>	<b>64,846</b>	<b>65,996</b>	<b>67,155</b>	<b>68,095</b>
-	-	-	-	-
-	-	-	-	-
41,686	42,432	43,185	43,943	44,558
15,554	15,833	16,113	16,396	16,626
6,466	6,581	6,698	6,816	6,911
<b>62,612</b>	<b>62,740</b>	<b>62,864</b>	<b>62,980</b>	<b>62,904</b>
-	-	-	-	-
15,671	15,245	14,813	14,375	13,907
30,716	31,079	31,442	31,805	32,061
11,461	11,596	11,732	11,867	11,963
4,764	4,820	4,877	4,933	4,973
<b>29,400</b>	<b>28,935</b>	<b>28,438</b>	<b>27,953</b>	<b>27,427</b>
1,169	1,375	1,559	1,764	1,987
25,760	25,060	24,350	23,630	22,861
1,617	1,636	1,655	1,674	1,687
603	610	617	625	630
251	254	257	260	262
<b>42,193</b>	<b>42,380</b>	<b>42,439</b>	<b>41,643</b>	<b>40,927</b>
377	496	486	474	465
36,235	36,238	36,238	35,386	34,515
2,247	2,288	2,330	2,373	2,408
837	851	867	883	895
2,497	2,507	2,518	2,527	2,644
<b>65,679</b>	<b>66,920</b>	<b>68,166</b>	<b>69,424</b>	<b>70,477</b>
-	-	-	-	-
-	-	-	-	-
42,679	43,476	44,277	45,085	45,757
15,883	16,179	16,475	16,775	17,023
7,117	7,265	7,414	7,564	7,697

<b>62,722</b>	<b>63,197</b>	<b>64,024</b>	<b>64,556</b>	<b>64,569</b>
-	-	-	-	-
15,708	15,349	15,533	15,420	14,948
30,753	31,257	31,664	32,072	32,375
11,473	11,655	11,805	11,956	12,067
4,788	4,936	5,022	5,108	5,179
<b>29,404</b>	<b>28,953</b>	<b>29,143</b>	<b>29,136</b>	<b>28,942</b>
1,169	1,375	1,895	2,090	2,336
25,760	25,060	24,695	24,459	23,994
1,619	1,645	1,667	1,688	1,704
604	613	621	630	635
252	260	265	269	273

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<b>5,433</b>	<b>5,064</b>	<b>4,429</b>	<b>4,327</b>	<b>3,946</b>
247	230	203	196	178
5,122	4,770	4,161	4,065	3,702
32	32	33	33	33
11	11	11	11	11
21	21	21	22	22
<b>1,208</b>	<b>1,222</b>	<b>1,237</b>	<b>1,251</b>	<b>1,259</b>
-	-	-	-	-
-	-	-	-	-
608	615	623	630	634
202	204	206	209	210
398	403	408	412	415
<b>792</b>	<b>754</b>	<b>714</b>	<b>673</b>	<b>628</b>
-	-	-	-	-
792	754	714	673	628
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>506</b>	<b>492</b>	<b>477</b>	<b>461</b>	<b>444</b>
197	198	199	199	200
309	294	278	262	244
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>1,036</b>	<b>1,025</b>	<b>918</b>	<b>978</b>	<b>998</b>
198	196	173	185	189
773	762	675	721	736
33	34	35	36	37
11	11	12	12	12
21	22	23	24	24
<b>1,233</b>	<b>1,277</b>	<b>1,323</b>	<b>1,370</b>	<b>1,408</b>
-	-	-	-	-
-	-	-	-	-
621	643	666	689	709
206	213	221	229	235
406	421	436	452	464
<b>957</b>	<b>1,080</b>	<b>1,188</b>	<b>1,333</b>	<b>1,457</b>
-	-	-	-	-

236	259	264	302	321
363	413	465	519	572
120	137	154	172	190
238	271	305	340	374
<b>426</b>	<b>460</b>	<b>478</b>	<b>528</b>	<b>559</b>
160	166	174	181	188
228	251	256	293	311
19	22	24	27	30
6	7	8	9	10
13	14	16	18	20
<b>33,416</b>	<b>32,716</b>	<b>31,560</b>	<b>30,852</b>	<b>30,068</b>
-	-	-	-	-
27,432	26,571	25,253	24,405	23,493
2,378	2,411	2,444	2,463	2,474
887	899	912	919	923
2,719	2,835	2,951	3,065	3,178
<b>69,041</b>	<b>69,994</b>	<b>70,953</b>	<b>71,506</b>	<b>71,827</b>
-	-	-	-	-
-	-	-	-	-
45,177	45,801	46,428	46,790	47,000
16,857	17,089	17,324	17,459	17,537
7,007	7,104	7,201	7,257	7,290
<b>67,300</b>	<b>69,775</b>	<b>72,234</b>	<b>74,674</b>	<b>76,867</b>
-	-	-	-	-
15,897	15,934	15,922	15,859	15,715
33,636	35,231	36,848	38,486	40,015
12,550	13,146	13,749	14,360	14,931
5,217	5,464	5,715	5,969	6,206
<b>32,020</b>	<b>32,193</b>	<b>41,071</b>	<b>41,170</b>	<b>40,821</b>
935	913	9,683	9,762	9,547
28,379	28,446	28,424	28,312	28,055
1,770	1,854	1,939	2,026	2,106
661	692	724	756	786
275	288	301	314	327
<b>39,885</b>	<b>38,805</b>	<b>36,907</b>	<b>36,157</b>	<b>35,012</b>
445	426	376	381	367
33,327	32,103	30,089	29,191	27,931
2,443	2,477	2,512	2,532	2,544
909	921	935	942	946
2,761	2,878	2,995	3,111	3,224
<b>71,482</b>	<b>72,493</b>	<b>73,513</b>	<b>74,127</b>	<b>74,494</b>
-	-	-	-	-
-	-	-	-	-
46,406	47,059	47,717	48,109	48,343
17,265	17,506	17,751	17,897	17,982
7,811	7,928	8,045	8,121	8,169

<b>69,049</b>	<b>71,609</b>	<b>74,136</b>	<b>76,680</b>	<b>78,952</b>
-	-	-	-	-
16,925	16,947	16,900	16,834	16,664
33,999	35,644	37,313	39,005	40,587
12,670	13,283	13,903	14,532	15,121
5,455	5,735	6,020	6,309	6,580
<b>32,952</b>	<b>33,145</b>	<b>42,026</b>	<b>42,159</b>	<b>41,824</b>
1,292	1,277	10,056	10,142	9,935
28,916	28,991	28,958	28,867	28,610
1,789	1,876	1,963	2,053	2,136
667	699	732	765	796
288	302	317	332	347

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12	13	14	15	16
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<b>3,978</b>	<b>4,009</b>	<b>4,040</b>	<b>4,070</b>	<b>4,088</b>
179	180	181	182	183
3,732	3,762	3,792	3,821	3,837
34	34	34	34	34
11	11	11	11	11
22	22	22	22	23
<b>1,269</b>	<b>1,277</b>	<b>1,287</b>	<b>1,296</b>	<b>1,301</b>
-	-	-	-	-
-	-	-	-	-
639	643	648	653	655
212	213	215	216	217
418	421	424	427	429
<b>633</b>	<b>638</b>	<b>643</b>	<b>648</b>	<b>650</b>
-	-	-	-	-
633	638	643	648	650
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>446</b>	<b>449</b>	<b>451</b>	<b>454</b>	<b>455</b>
200	201	201	202	202
246	248	250	252	253
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>998</b>	<b>1,019</b>	<b>1,029</b>	<b>1,037</b>	<b>1,044</b>
189	193	195	197	198
733	748	755	761	764
38	39	40	40	41
13	13	13	13	14
25	26	26	26	27
<b>1,446</b>	<b>1,486</b>	<b>1,505</b>	<b>1,526</b>	<b>1,539</b>
-	-	-	-	-
-	-	-	-	-
728	748	758	768	775
241	248	251	255	257
477	490	496	503	507
<b>1,590</b>	<b>1,728</b>	<b>1,751</b>	<b>1,775</b>	<b>1,787</b>
-	-	-	-	-

349	378	382	386	388
625	680	689	699	704
207	225	229	232	234
409	445	451	458	461
<b>600</b>	<b>640</b>	<b>645</b>	<b>651</b>	<b>654</b>
195	202	203	204	205
339	367	370	374	376
33	36	36	37	37
11	12	12	12	12
22	23	24	24	24
<b>30,248</b>	<b>30,427</b>	<b>30,607</b>	<b>30,789</b>	<b>30,805</b>
-	-	-	-	-
23,544	23,595	23,646	23,697	23,707
2,485	2,496	2,507	2,518	2,522
927	931	935	940	941
3,292	3,405	3,519	3,634	3,635
<b>72,148</b>	<b>72,469</b>	<b>72,790</b>	<b>73,112</b>	<b>73,239</b>
-	-	-	-	-
-	-	-	-	-
47,210	47,420	47,630	47,841	47,924
17,615	17,694	17,772	17,851	17,882
7,323	7,355	7,388	7,420	7,433
<b>79,790</b>	<b>82,734</b>	<b>83,063</b>	<b>83,391</b>	<b>83,515</b>
-	-	-	-	-
16,283	16,854	16,890	16,926	16,933
41,556	43,109	43,300	43,491	43,568
15,506	16,085	16,157	16,228	16,256
6,445	6,686	6,716	6,746	6,758
<b>41,996</b>	<b>43,195</b>	<b>43,237</b>	<b>43,281</b>	<b>43,259</b>
9,585	9,640	9,603	9,566	9,524
29,069	30,087	30,152	30,217	30,230
2,187	2,269	2,279	2,289	2,293
816	847	850	854	856
339	352	353	355	356
<b>35,224</b>	<b>35,455</b>	<b>35,676</b>	<b>35,896</b>	<b>35,937</b>
368	373	376	379	381
28,009	28,105	28,193	28,279	28,308
2,557	2,569	2,581	2,592	2,597
951	955	959	964	966
3,339	3,453	3,567	3,682	3,685
<b>74,863</b>	<b>75,232</b>	<b>75,582</b>	<b>75,934</b>	<b>76,079</b>
-	-	-	-	-
-	-	-	-	-
48,577	48,811	49,036	49,262	49,354
18,068	18,155	18,238	18,322	18,356
8,218	8,266	8,308	8,350	8,369

<b>82,013</b>	<b>85,100</b>	<b>85,457</b>	<b>85,814</b>	<b>85,952</b>
-	-	-	-	-
17,265	17,870	17,915	17,960	17,971
42,181	43,789	43,989	44,190	44,272
15,713	16,310	16,386	16,460	16,490
6,854	7,131	7,167	7,204	7,219
<b>43,042</b>	<b>44,284</b>	<b>44,333</b>	<b>44,386</b>	<b>44,368</b>
9,980	10,043	10,007	9,972	9,931
29,654	30,702	30,772	30,843	30,859
2,220	2,305	2,315	2,326	2,330
827	859	862	866	868
361	375	377	379	380

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<b>4,105</b>	<b>4,122</b>	<b>4,138</b>	<b>4,155</b>	<b>4,158</b>
183	184	184	185	185
3,853	3,868	3,884	3,900	3,903
35	35	35	35	35
11	12	12	12	12
23	23	23	23	23
<b>1,305</b>	<b>1,311</b>	<b>1,316</b>	<b>1,319</b>	<b>1,322</b>
-	-	-	-	-
-	-	-	-	-
657	660	662	664	665
218	219	220	220	221
430	432	434	435	436
<b>653</b>	<b>655</b>	<b>658</b>	<b>661</b>	<b>661</b>
-	-	-	-	-
653	655	658	661	661
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>456</b>	<b>458</b>	<b>459</b>	<b>460</b>	<b>460</b>
202	203	203	203	203
254	255	256	257	257
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>1,048</b>	<b>1,052</b>	<b>1,057</b>	<b>1,063</b>	<b>1,064</b>
199	200	201	202	202
767	770	773	777	778
41	41	42	42	42
14	14	14	14	14
27	27	27	28	28
<b>1,551</b>	<b>1,564</b>	<b>1,576</b>	<b>1,589</b>	<b>1,595</b>
-	-	-	-	-
-	-	-	-	-
781	787	793	800	803
259	261	263	265	266
511	516	520	524	526
<b>1,800</b>	<b>1,814</b>	<b>1,826</b>	<b>1,840</b>	<b>1,847</b>
-	-	-	-	-

390	392	394	396	397
710	716	721	727	730
235	237	239	241	242
465	469	472	476	478
<b>656</b>	<b>661</b>	<b>664</b>	<b>667</b>	<b>667</b>
205	206	206	207	207
378	380	382	384	384
37	38	38	38	38
12	12	13	13	13
24	25	25	25	25
<b>30,823</b>	<b>30,839</b>	<b>30,858</b>	<b>30,874</b>	<b>30,845</b>
-	-	-	-	-
23,717	23,727	23,737	23,747	23,719
2,527	2,531	2,536	2,540	2,540
943	944	946	948	948
3,636	3,637	3,639	3,639	3,638
<b>73,367</b>	<b>73,495</b>	<b>73,624</b>	<b>73,751</b>	<b>73,751</b>
-	-	-	-	-
-	-	-	-	-
48,008	48,092	48,176	48,259	48,259
17,913	17,944	17,976	18,007	18,007
7,446	7,459	7,472	7,485	7,485
<b>83,639</b>	<b>83,762</b>	<b>83,885</b>	<b>84,009</b>	<b>83,989</b>
-	-	-	-	-
16,941	16,948	16,955	16,962	16,942
43,644	43,720	43,796	43,872	43,872
16,285	16,313	16,341	16,370	16,370
6,769	6,781	6,793	6,805	6,805
<b>43,232</b>	<b>43,209</b>	<b>43,229</b>	<b>43,249</b>	<b>43,211</b>
9,480	9,437	9,438	9,440	9,437
30,242	30,255	30,268	30,280	30,245
2,297	2,301	2,305	2,309	2,309
857	859	860	862	862
356	357	358	358	358
<b>35,976</b>	<b>36,013</b>	<b>36,053</b>	<b>36,092</b>	<b>36,067</b>
382	384	385	387	387
28,337	28,365	28,394	28,424	28,400
2,603	2,607	2,613	2,617	2,617
968	970	972	974	974
3,686	3,687	3,689	3,690	3,689
<b>76,223</b>	<b>76,370</b>	<b>76,516</b>	<b>76,659</b>	<b>76,668</b>
-	-	-	-	-
-	-	-	-	-
49,446	49,539	49,631	49,723	49,727
18,390	18,424	18,459	18,492	18,494
8,387	8,407	8,426	8,444	8,447

<b>86,092</b>	<b>86,231</b>	<b>86,369</b>	<b>86,510</b>	<b>86,497</b>
-	-	-	-	-
17,984	17,995	18,007	18,019	18,000
44,354	44,436	44,517	44,599	44,602
16,520	16,550	16,580	16,611	16,612
7,234	7,250	7,265	7,281	7,283
<b>44,344</b>	<b>44,328</b>	<b>44,352</b>	<b>44,376</b>	<b>44,338</b>
9,887	9,846	9,847	9,850	9,847
30,874	30,890	30,906	30,921	30,886
2,334	2,339	2,343	2,347	2,347
869	871	873	875	875
380	382	383	383	383

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<b>4,161</b>	<b>4,165</b>	<b>4,168</b>	<b>4,171</b>	<b>4,164</b>
185	185	185	185	185
3,906	3,910	3,913	3,916	3,909
35	35	35	35	35
12	12	12	12	12
23	23	23	23	23
<b>1,323</b>	<b>1,323</b>	<b>1,325</b>	<b>1,326</b>	<b>1,326</b>
-	-	-	-	-
-	-	-	-	-
666	666	667	668	668
221	221	221	221	221
436	436	437	437	437
<b>662</b>	<b>662</b>	<b>663</b>	<b>663</b>	<b>662</b>
-	-	-	-	-
662	662	663	663	662
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>460</b>	<b>460</b>	<b>461</b>	<b>462</b>	<b>460</b>
203	203	203	204	203
257	257	258	258	257
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>1,066</b>	<b>1,068</b>	<b>1,070</b>	<b>1,071</b>	<b>1,070</b>
203	203	204	204	204
779	780	781	782	781
42	43	43	43	43
14	14	14	14	14
28	28	28	28	28
<b>1,601</b>	<b>1,607</b>	<b>1,613</b>	<b>1,619</b>	<b>1,622</b>
-	-	-	-	-
-	-	-	-	-
806	809	812	815	816
267	268	269	270	271
528	530	532	534	535
<b>1,853</b>	<b>1,860</b>	<b>1,866</b>	<b>1,872</b>	<b>1,874</b>
-	-	-	-	-

397	398	399	400	400
733	736	738	741	742
243	244	245	246	246
480	482	484	485	486
<b>669</b>	<b>670</b>	<b>671</b>	<b>674</b>	<b>674</b>
207	207	207	208	208
385	386	387	388	388
39	39	39	39	39
13	13	13	13	13
25	25	25	26	26
<b>30,817</b>	<b>30,788</b>	<b>30,758</b>	<b>30,730</b>	<b>30,665</b>
-	-	-	-	-
23,692	23,665	23,637	23,610	23,548
2,540	2,540	2,540	2,540	2,540
948	948	948	948	948
3,637	3,635	3,633	3,632	3,629
<b>73,751</b>	<b>73,751</b>	<b>73,751</b>	<b>73,751</b>	<b>73,751</b>
-	-	-	-	-
-	-	-	-	-
48,259	48,259	48,259	48,259	48,259
18,007	18,007	18,007	18,007	18,007
7,485	7,485	7,485	7,485	7,485
<b>83,970</b>	<b>83,950</b>	<b>83,931</b>	<b>83,911</b>	<b>83,867</b>
-	-	-	-	-
16,923	16,903	16,884	16,864	16,820
43,872	43,872	43,872	43,872	43,872
16,370	16,370	16,370	16,370	16,370
6,805	6,805	6,805	6,805	6,805
<b>43,173</b>	<b>43,134</b>	<b>43,097</b>	<b>43,059</b>	<b>42,972</b>
9,434	9,430	9,427	9,424	9,416
30,210	30,175	30,141	30,106	30,027
2,309	2,309	2,309	2,309	2,309
862	862	862	862	862
358	358	358	358	358
<b>36,044</b>	<b>36,021</b>	<b>35,996</b>	<b>35,972</b>	<b>35,899</b>
388	388	389	389	389
28,377	28,355	28,331	28,308	28,238
2,617	2,618	2,618	2,618	2,618
974	974	974	974	974
3,688	3,686	3,684	3,683	3,680
<b>76,675</b>	<b>76,681</b>	<b>76,689</b>	<b>76,696</b>	<b>76,699</b>
-	-	-	-	-
-	-	-	-	-
49,731	49,734	49,738	49,742	49,743
18,495	18,496	18,497	18,498	18,499
8,449	8,451	8,454	8,456	8,457



<b>86,485</b>	<b>86,472</b>	<b>86,460</b>	<b>86,446</b>	<b>86,403</b>
-	-	-	-	-
17,982	17,963	17,946	17,927	17,882
44,605	44,608	44,610	44,613	44,614
16,613	16,614	16,615	16,616	16,616
7,285	7,287	7,289	7,290	7,291
<b>44,302</b>	<b>44,264</b>	<b>44,229</b>	<b>44,195</b>	<b>44,106</b>
9,844	9,840	9,837	9,836	9,827
30,852	30,818	30,786	30,752	30,672
2,348	2,348	2,348	2,348	2,348
875	875	875	875	875
383	383	383	384	384

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<b>4,156</b>	<b>4,149</b>	<b>4,142</b>	<b>4,136</b>	<b>4,119</b>
184	184	184	184	183
3,902	3,895	3,888	3,882	3,866
35	35	35	35	35
12	12	12	12	12
23	23	23	23	23
<b>1,326</b>	<b>1,326</b>	<b>1,326</b>	<b>1,326</b>	<b>1,326</b>
-	-	-	-	-
-	-	-	-	-
668	668	668	668	668
221	221	221	221	221
437	437	437	437	437
<b>661</b>	<b>660</b>	<b>659</b>	<b>657</b>	<b>655</b>
-	-	-	-	-
661	660	659	657	655
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>460</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>458</b>
203	203	203	203	203
257	256	256	256	255
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
<b>1,070</b>	<b>1,069</b>	<b>1,069</b>	<b>1,069</b>	<b>1,067</b>
204	204	204	204	204
781	780	780	780	778
43	43	43	43	43
14	14	14	14	14
28	28	28	28	28
<b>1,623</b>	<b>1,625</b>	<b>1,627</b>	<b>1,629</b>	<b>1,629</b>
-	-	-	-	-
-	-	-	-	-
817	818	819	820	820
271	271	272	272	272
535	536	536	537	537
<b>1,876</b>	<b>1,878</b>	<b>1,880</b>	<b>1,880</b>	<b>1,879</b>
-	-	-	-	-

400	400	400	400	399
743	744	745	745	745
246	247	247	247	247
487	487	488	488	488
<b>674</b>	<b>674</b>	<b>674</b>	<b>674</b>	<b>672</b>
208	208	208	208	207
388	388	388	388	387
39	39	39	39	39
13	13	13	13	13
26	26	26	26	26
<b>30,599</b>	<b>30,534</b>	<b>30,469</b>	<b>30,403</b>	<b>30,306</b>
-	-	-	-	-
23,486	23,425	23,363	23,301	23,209
2,540	2,540	2,540	2,540	2,540
948	948	948	948	948
3,625	3,621	3,618	3,614	3,609
<b>73,751</b>	<b>73,751</b>	<b>73,751</b>	<b>73,751</b>	<b>73,751</b>
-	-	-	-	-
-	-	-	-	-
48,259	48,259	48,259	48,259	48,259
18,007	18,007	18,007	18,007	18,007
7,485	7,485	7,485	7,485	7,485
<b>83,823</b>	<b>83,779</b>	<b>83,734</b>	<b>83,690</b>	<b>83,625</b>
-	-	-	-	-
16,776	16,732	16,687	16,643	16,578
43,872	43,872	43,872	43,872	43,872
16,370	16,370	16,370	16,370	16,370
6,805	6,805	6,805	6,805	6,805
<b>42,886</b>	<b>42,799</b>	<b>42,713</b>	<b>42,626</b>	<b>42,498</b>
9,409	9,401	9,393	9,385	9,374
29,948	29,869	29,791	29,712	29,595
2,309	2,309	2,309	2,309	2,309
862	862	862	862	862
358	358	358	358	358
<b>35,825</b>	<b>35,752</b>	<b>35,680</b>	<b>35,608</b>	<b>35,492</b>
388	388	388	388	387
28,169	28,100	28,031	27,963	27,853
2,618	2,618	2,618	2,618	2,618
974	974	974	974	974
3,676	3,672	3,669	3,665	3,660
<b>76,700</b>	<b>76,702</b>	<b>76,704</b>	<b>76,706</b>	<b>76,706</b>
-	-	-	-	-
-	-	-	-	-
49,744	49,745	49,746	49,747	49,747
18,499	18,499	18,500	18,500	18,500
8,457	8,458	8,458	8,459	8,459

<b>86,360</b>	<b>86,317</b>	<b>86,273</b>	<b>86,227</b>	<b>86,159</b>
-	-	-	-	-
17,837	17,792	17,746	17,700	17,632
44,615	44,616	44,617	44,617	44,617
16,616	16,617	16,617	16,617	16,617
7,292	7,292	7,293	7,293	7,293
<b>44,020</b>	<b>43,932</b>	<b>43,846</b>	<b>43,759</b>	<b>43,628</b>
9,820	9,812	9,804	9,796	9,784
30,593	30,513	30,435	30,356	30,237
2,348	2,348	2,348	2,348	2,348
875	875	875	875	875
384	384	384	384	384

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<b>4,103</b>	<b>4,088</b>	<b>4,071</b>	<b>4,056</b>
182	182	181	181
3,851	3,836	3,820	3,805
35	35	35	35
12	12	12	12
23	23	23	23
<b>1,326</b>	<b>1,326</b>	<b>1,326</b>	<b>1,326</b>
-	-	-	-
-	-	-	-
668	668	668	668
221	221	221	221
437	437	437	437
<b>652</b>	<b>650</b>	<b>647</b>	<b>645</b>
-	-	-	-
652	650	647	645
-	-	-	-
-	-	-	-
-	-	-	-
<b>456</b>	<b>455</b>	<b>454</b>	<b>453</b>
202	202	202	202
254	253	252	251
-	-	-	-
-	-	-	-
-	-	-	-
<b>1,064</b>	<b>1,063</b>	<b>1,060</b>	<b>1,058</b>
203	203	202	202
776	775	773	771
43	43	43	43
14	14	14	14
28	28	28	28
<b>1,629</b>	<b>1,629</b>	<b>1,629</b>	<b>1,629</b>
-	-	-	-
-	-	-	-
820	820	820	820
272	272	272	272
537	537	537	537
<b>1,879</b>	<b>1,878</b>	<b>1,877</b>	<b>1,877</b>
-	-	-	-

399	398	397	397
745	745	745	745
247	247	247	247
488	488	488	488
<b>671</b>	<b>671</b>	<b>670</b>	<b>669</b>
207	207	207	207
386	386	385	384
39	39	39	39
13	13	13	13
26	26	26	26
<b>30,210</b>	<b>30,114</b>	<b>30,016</b>	<b>29,919</b>
-	-	-	-
23,117	23,026	22,934	22,842
2,540	2,540	2,540	2,540
948	948	948	948
3,605	3,600	3,594	3,589
<b>73,751</b>	<b>73,751</b>	<b>73,751</b>	<b>73,751</b>
-	-	-	-
-	-	-	-
48,259	48,259	48,259	48,259
18,007	18,007	18,007	18,007
7,485	7,485	7,485	7,485
<b>83,559</b>	<b>83,494</b>	<b>83,428</b>	<b>83,362</b>
-	-	-	-
16,512	16,447	16,381	16,315
43,872	43,872	43,872	43,872
16,370	16,370	16,370	16,370
6,805	6,805	6,805	6,805
<b>42,369</b>	<b>42,240</b>	<b>42,111</b>	<b>41,982</b>
9,362	9,350	9,339	9,327
29,478	29,361	29,243	29,126
2,309	2,309	2,309	2,309
862	862	862	862
358	358	358	358
<b>35,377</b>	<b>35,265</b>	<b>35,147</b>	<b>35,033</b>
385	385	383	383
27,744	27,637	27,527	27,418
2,618	2,618	2,618	2,618
974	974	974	974
3,656	3,651	3,645	3,640
<b>76,706</b>	<b>76,706</b>	<b>76,706</b>	<b>76,706</b>
-	-	-	-
-	-	-	-
49,747	49,747	49,747	49,747
18,500	18,500	18,500	18,500
8,459	8,459	8,459	8,459

<b>86,090</b>	<b>86,022</b>	<b>85,952</b>	<b>85,884</b>
-	-	-	-
17,563	17,495	17,425	17,357
44,617	44,617	44,617	44,617
16,617	16,617	16,617	16,617
7,293	7,293	7,293	7,293
<b>43,496</b>	<b>43,366</b>	<b>43,235</b>	<b>43,104</b>
9,771	9,759	9,748	9,736
30,118	30,000	29,880	29,761
2,348	2,348	2,348	2,348
875	875	875	875
384	384	384	384

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

DFs

Ano do Contrato de Concessão	TOTAL	1
<b>Tabela 19 - Demonstração de Resultado do Exercício (R\$ Mil)</b>		
<b>Receita Operacional Bruta</b>	<b>43,087,521</b>	<b>1,067,435</b>
Tarifa Social	913,418	8,588
Residencial	23,615,715	600,968
Comercial	12,926,836	319,001
Industrial	1,986,166	49,040
Pública	3,645,387	89,838
Impostos Indiretos	-2,001,841	-41,318
<b>Receita Operacional Líquida</b>	<b>41,085,680</b>	<b>1,026,117</b>
<b>Custos e Despesas</b>	<b>-23,356,881</b>	<b>-546,785</b>
Materiais de Tratamento	-291,875	-371
Energia	-2,672,679	-76,710
Pessoal	-3,295,962	-76,369
Manutenção	-1,226,824	-28,452
Outros Custos Operacionais	-648,061	-12,572
Custos Licitatórios	-2,705	-2,705
AGENERSA + INEA	-308,143	-7,696
Compra de Água - CEDAE	-8,167,233	-302,182
Seguro-Garantia	-11,430	-673
Contingências	-82,672	-2,518
Seguros	-220,321	-6,295
Outorga Variável	-1,325,198	-30,243
Baixa de PDD	-5,103,779	-
<b>LAJIDA</b>	<b>17,728,799</b>	<b>479,331</b>
Amortização (deflacionada)	-4,330,489	-163,258
<b>LAJIR</b>	<b>13,398,310</b>	<b>316,074</b>
Despesas Financeiras	-	-
<b>LAIR</b>	<b>13,398,310</b>	<b>316,074</b>
Impostos Diretos	-4,555,425	-107,465
<b>Lucro Líquido</b>	<b>8,842,885</b>	<b>208,609</b>
<b>Tabela 20 - Fluxo de Caixa Livre da Firma (R\$ Mil)</b>		
<b>Lucro Líquido</b>	<b>8,842,885</b>	<b>208,609</b>
(+) Amortização (deflacionada)	4,330,489	163,258
(-) Inadimplência	-5,103,779	-201,265
(-) Baixa PDD	5,103,779	-
(+/-) Variação no Capital de Giro	-41,243	-16,737
<b>Atividades Operacionais</b>	<b>13,132,131</b>	<b>153,864</b>
(-) Investimentos	-2,690,882	-

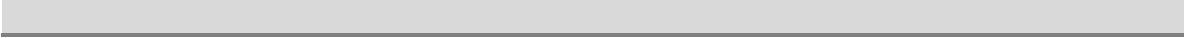


(-) Outorga	-3,172,208	-2,537,767
Atividades de Investimento	-5,863,090	-2,537,767
FCFF	7,269,040	-2,383,902

## Esgotamento Sanitário de Municípios do Estado do Rio de Janeiro – Bloco 2

2	3	4	5	6	7	8
<b>1,072,715</b>	<b>1,136,420</b>	<b>1,194,937</b>	<b>1,265,152</b>	<b>1,290,282</b>	<b>1,318,395</b>	<b>1,291,795</b>
10,887	13,910	17,127	20,794	23,912	27,252	29,449
601,171	634,500	664,576	700,601	711,636	723,231	705,196
320,933	339,992	357,565	378,834	386,479	395,654	388,139
49,336	52,254	54,945	58,207	59,371	60,788	59,635
90,387	95,763	100,724	106,716	108,884	111,470	109,376
-32,903	-35,170	-40,184	-46,893	-49,360	-52,321	-51,790
<b>1,039,812</b>	<b>1,101,250</b>	<b>1,154,753</b>	<b>1,218,259</b>	<b>1,240,921</b>	<b>1,266,074</b>	<b>1,240,005</b>
-752,003	-743,483	-744,648	-732,628	-729,413	-726,771	-716,476
-1,546	-1,871	-2,381	-2,564	-2,801	-1,737	-1,703
-77,703	-76,647	-76,466	-75,265	-73,457	-79,168	-78,041
-77,298	-78,666	-79,938	-81,218	-82,244	-84,637	-87,056
-28,797	-29,298	-29,768	-30,244	-30,620	-31,511	-32,409
-14,654	-14,968	-15,219	-15,468	-15,793	-16,315	-16,843
-	-	-	-	-	-	-
-7,799	-8,259	-8,661	-9,137	-9,307	-9,496	-9,300
-302,797	-296,108	-288,185	-269,712	-261,486	-253,112	-244,809
-673	-673	-673	-673	-481	-481	-481
-2,549	-2,523	-2,495	-2,407	-2,366	-2,366	-2,338
-6,295	-6,295	-6,295	-6,295	-6,295	-6,295	-6,295
-30,629	-32,690	-34,630	-36,940	-37,952	-39,075	-38,571
-201,265	-195,485	-199,938	-202,705	-206,612	-202,579	-198,631
<b>287,809</b>	<b>357,766</b>	<b>410,105</b>	<b>485,631</b>	<b>511,508</b>	<b>539,303</b>	<b>523,529</b>
-153,281	-199,910	-206,929	-219,685	-224,465	-223,776	-213,438
<b>134,528</b>	<b>157,856</b>	<b>203,176</b>	<b>265,946</b>	<b>287,042</b>	<b>315,527</b>	<b>310,091</b>
-	-	-	-	-	-	-
<b>134,528</b>	<b>157,856</b>	<b>203,176</b>	<b>265,946</b>	<b>287,042</b>	<b>315,527</b>	<b>310,091</b>
-45,739	-53,671	-69,080	-90,422	-97,594	-107,279	-105,431
<b>88,788</b>	<b>104,185</b>	<b>134,096</b>	<b>175,524</b>	<b>189,448</b>	<b>208,248</b>	<b>204,660</b>
<b>88,788</b>	<b>104,185</b>	<b>134,096</b>	<b>175,524</b>	<b>189,448</b>	<b>208,248</b>	<b>204,660</b>
153,281	199,910	206,929	219,685	224,465	223,776	213,438
-195,485	-199,938	-202,705	-206,612	-202,579	-198,631	-186,469
201,265	195,485	199,938	202,705	206,612	202,579	198,631
-7,081	-5,353	-4,394	-5,704	-3,558	-2,930	-872
<b>240,768</b>	<b>294,289</b>	<b>333,865</b>	<b>385,598</b>	<b>414,389</b>	<b>433,041</b>	<b>429,388</b>
-84,975	-151,517	-244,145	-286,744	-281,704	-205,156	-190,780

-	-634,442	-	-	-	-	-
-84,975	-785,959	-244,145	-286,744	-281,704	-205,156	-190,780
155,793	-491,669	89,720	98,854	132,685	227,885	238,608

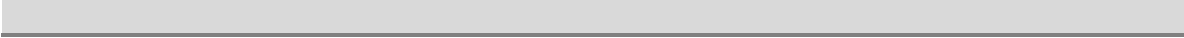


9	10	11	12	13	14	15
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<b>1,269,630</b>	<b>1,236,088</b>	<b>1,203,315</b>	<b>1,223,979</b>	<b>1,244,729</b>	<b>1,247,571</b>	<b>1,250,412</b>
28,942	28,171	27,424	27,888	28,353	28,415	28,476
693,091	674,847	656,931	668,308	679,734	681,335	682,936
381,469	371,333	361,489	367,625	373,785	374,604	375,423
58,612	57,055	55,544	56,487	57,432	57,558	57,683
107,515	104,681	101,925	103,671	105,424	105,659	105,894
-51,160	-50,509	-50,005	-52,522	-54,654	-56,330	-57,976
<b>1,218,470</b>	<b>1,185,579</b>	<b>1,153,310</b>	<b>1,171,457</b>	<b>1,190,075</b>	<b>1,191,240</b>	<b>1,192,436</b>
-706,675	-687,211	-666,683	-661,148	-662,466	-658,874	-653,113
-10,432	-10,523	-10,302	-10,348	-10,416	-10,383	-10,351
-75,947	-74,892	-73,205	-74,928	-76,677	-76,880	-77,082
-89,505	-91,699	-93,610	-95,535	-97,474	-97,921	-98,370
-33,321	-34,136	-34,845	-35,559	-36,279	-36,445	-36,612
-17,377	-17,873	-18,320	-18,772	-19,225	-19,419	-19,615
-	-	-	-	-	-	-
-9,139	-8,892	-8,650	-8,786	-8,926	-8,934	-8,943
-237,170	-227,407	-219,425	-219,902	-220,379	-220,855	-221,332
-481	-481	-223	-223	-223	-223	-223
-2,353	-2,317	-2,281	-2,308	-2,335	-2,342	-2,349
-6,295	-6,295	-6,295	-6,295	-6,295	-6,295	-6,295
-38,188	-37,450	-36,722	-37,622	-38,533	-38,896	-39,260
-186,469	-175,247	-162,805	-150,871	-145,705	-140,281	-132,680
<b>511,795</b>	<b>498,368</b>	<b>486,627</b>	<b>510,310</b>	<b>527,609</b>	<b>532,366</b>	<b>539,323</b>
-204,109	-193,368	-181,982	-177,091	-172,992	-159,060	-146,532
<b>307,686</b>	<b>305,000</b>	<b>304,645</b>	<b>333,219</b>	<b>354,617</b>	<b>373,306</b>	<b>392,792</b>
-	-	-	-	-	-	-
<b>307,686</b>	<b>305,000</b>	<b>304,645</b>	<b>333,219</b>	<b>354,617</b>	<b>373,306</b>	<b>392,792</b>
-104,613	-103,700	-103,579	-113,294	-120,570	-126,924	-133,549
<b>203,073</b>	<b>201,300</b>	<b>201,066</b>	<b>219,925</b>	<b>234,048</b>	<b>246,382</b>	<b>259,242</b>

<b>203,073</b>	<b>201,300</b>	<b>201,066</b>	<b>219,925</b>	<b>234,048</b>	<b>246,382</b>	<b>259,242</b>
204,109	193,368	181,982	177,091	172,992	159,060	146,532
-175,247	-162,805	-150,871	-145,705	-140,281	-132,680	-125,041
186,469	175,247	162,805	150,871	145,705	140,281	132,680
-352	-334	-230	-1,938	-2,220	-1,399	-1,384
<b>418,051</b>	<b>406,776</b>	<b>394,752</b>	<b>400,242</b>	<b>410,243</b>	<b>411,645</b>	<b>412,029</b>
-181,295	-173,550	-151,317	-121,722	-122,316	-30,800	-30,709

-	-	-	-	-	-	-
-181,295	-173,550	-151,317	-121,722	-122,316	-30,800	-30,709
236,756	233,226	243,435	278,520	287,927	380,845	381,320

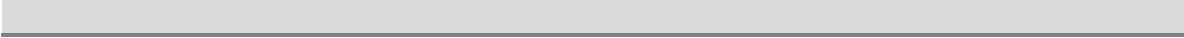


16	17	18	19	20	21	22
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<b>1,251,033</b>	<b>1,251,655</b>	<b>1,252,277</b>	<b>1,252,899</b>	<b>1,253,520</b>	<b>1,252,148</b>	<b>1,250,776</b>
28,488	28,500	28,512	28,524	28,535	28,503	28,470
683,310	683,682	684,056	684,430	684,803	684,077	683,352
375,586	375,749	375,912	376,075	376,238	375,810	375,382
57,707	57,732	57,757	57,781	57,806	57,740	57,674
105,943	105,991	106,040	106,089	106,137	106,018	105,900
-59,575	-60,677	-61,661	-62,535	-63,314	-63,938	-64,483
<b>1,191,458</b>	<b>1,190,978</b>	<b>1,190,616</b>	<b>1,190,364</b>	<b>1,190,206</b>	<b>1,188,209</b>	<b>1,186,293</b>
-645,771	-646,241	-646,721	-647,242	-647,764	-647,412	-646,896
-10,312	-10,269	-10,230	-10,232	-10,237	-10,234	-10,232
-77,138	-77,195	-77,250	-77,307	-77,364	-77,286	-77,211
-98,553	-98,737	-98,921	-99,104	-99,286	-99,293	-99,301
-36,680	-36,747	-36,815	-36,884	-36,952	-36,955	-36,957
-19,653	-19,687	-19,726	-19,763	-19,798	-19,802	-19,805
-	-	-	-	-	-	-
-8,936	-8,932	-8,930	-8,928	-8,927	-8,912	-8,897
-221,424	-221,516	-221,608	-221,700	-221,792	-221,537	-221,281
-109	-109	-109	-109	-109	-77	-77
-2,351	-2,353	-2,355	-2,357	-2,359	-2,357	-2,356
-6,295	-6,295	-6,295	-6,295	-6,295	-6,295	-6,295
-39,279	-39,298	-39,317	-39,336	-39,356	-39,312	-39,269
-125,041	-125,103	-125,165	-125,228	-125,290	-125,352	-125,215
<b>545,687</b>	<b>544,737</b>	<b>543,895</b>	<b>543,121</b>	<b>542,442</b>	<b>540,797</b>	<b>539,397</b>
-133,564	-122,023	-111,741	-102,604	-94,494	-86,747	-79,928
<b>412,123</b>	<b>422,714</b>	<b>432,154</b>	<b>440,517</b>	<b>447,948</b>	<b>454,050</b>	<b>459,469</b>
-	-	-	-	-	-	-
<b>412,123</b>	<b>422,714</b>	<b>432,154</b>	<b>440,517</b>	<b>447,948</b>	<b>454,050</b>	<b>459,469</b>
-140,122	-143,723	-146,932	-149,776	-152,302	-154,377	-156,219
<b>272,001</b>	<b>278,991</b>	<b>285,221</b>	<b>290,741</b>	<b>295,645</b>	<b>299,673</b>	<b>303,249</b>

<b>272,001</b>	<b>278,991</b>	<b>285,221</b>	<b>290,741</b>	<b>295,645</b>	<b>299,673</b>	<b>303,249</b>
133,564	122,023	111,741	102,604	94,494	86,747	79,928
-125,103	-125,165	-125,228	-125,290	-125,352	-125,215	-125,078
125,041	125,103	125,165	125,228	125,290	125,352	125,215
-667	-924	-953	-977	-1,001	-960	-973
<b>404,836</b>	<b>400,028</b>	<b>395,948</b>	<b>392,307</b>	<b>389,077</b>	<b>385,597</b>	<b>382,342</b>
-24,926	-25,102	-25,005	-24,994	-24,901	-20,834	-21,013

-	-	-	-	-	-	-
-24,926	-25,102	-25,005	-24,994	-24,901	-20,834	-21,013
379,910	374,926	370,943	367,313	364,176	364,763	361,329



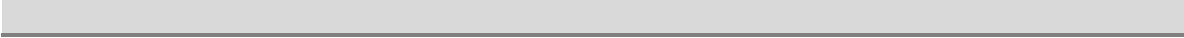
23	24	25	26	27	28	29
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<b>1,249,404</b>	<b>1,248,032</b>	<b>1,246,660</b>	<b>1,243,453</b>	<b>1,240,245</b>	<b>1,237,037</b>	<b>1,233,829</b>
28,437	28,404	28,371	28,297	28,223	28,148	28,074
682,626	681,900	681,175	679,441	677,706	675,972	674,237
374,954	374,525	374,097	373,122	372,146	371,171	370,195
57,607	57,541	57,475	57,325	57,175	57,025	56,875
105,781	105,662	105,543	105,269	104,995	104,722	104,448
-64,950	-65,347	-65,680	-65,850	-65,964	-66,017	-66,012
<b>1,184,454</b>	<b>1,182,685</b>	<b>1,180,981</b>	<b>1,177,604</b>	<b>1,174,282</b>	<b>1,171,019</b>	<b>1,167,817</b>
-646,377	-645,862	-645,346	-644,274	-643,044	-641,814	-640,588
-10,228	-10,226	-10,225	-10,216	-10,208	-10,200	-10,192
-77,136	-77,063	-76,987	-76,792	-76,599	-76,405	-76,212
-99,308	-99,314	-99,321	-99,323	-99,325	-99,327	-99,329
-36,959	-36,961	-36,963	-36,964	-36,964	-36,965	-36,966
-19,807	-19,810	-19,813	-19,812	-19,809	-19,806	-19,804
-	-	-	-	-	-	-
-8,883	-8,870	-8,857	-8,832	-8,807	-8,783	-8,759
-221,026	-220,771	-220,515	-219,938	-219,361	-218,783	-218,206
-77	-77	-77	-51	-51	-51	-51
-2,354	-2,353	-2,351	-2,347	-2,343	-2,339	-2,335
-6,295	-6,295	-6,295	-6,295	-6,295	-6,295	-6,295
-39,225	-39,182	-39,139	-39,038	-38,937	-38,836	-38,735
-125,078	-124,940	-124,803	-124,666	-124,345	-124,025	-123,704
<b>538,078</b>	<b>536,824</b>	<b>535,634</b>	<b>533,330</b>	<b>531,238</b>	<b>529,205</b>	<b>527,229</b>
-73,951	-68,728	-64,194	-60,126	-56,728	-53,981	-51,872
<b>464,127</b>	<b>468,095</b>	<b>471,440</b>	<b>473,204</b>	<b>474,510</b>	<b>475,224</b>	<b>475,357</b>
-	-	-	-	-	-	-
<b>464,127</b>	<b>468,095</b>	<b>471,440</b>	<b>473,204</b>	<b>474,510</b>	<b>475,224</b>	<b>475,357</b>
-157,803	-159,152	-160,290	-160,889	-161,333	-161,576	-161,622
<b>306,324</b>	<b>308,943</b>	<b>311,150</b>	<b>312,315</b>	<b>313,176</b>	<b>313,648</b>	<b>313,736</b>

<b>306,324</b>	<b>308,943</b>	<b>311,150</b>	<b>312,315</b>	<b>313,176</b>	<b>313,648</b>	<b>313,736</b>
73,951	68,728	64,194	60,126	56,728	53,981	51,872
-124,940	-124,803	-124,666	-124,345	-124,025	-123,704	-123,383
125,078	124,940	124,803	124,666	124,345	124,025	123,704
-991	-1,008	-1,023	-978	-985	-999	-1,014
<b>379,421</b>	<b>376,801</b>	<b>374,459</b>	<b>371,783</b>	<b>369,240</b>	<b>366,950</b>	<b>364,915</b>
-21,150	-21,135	-21,041	-20,286	-20,462	-20,598	-20,584



-	-	-	-	-	-	-
-21,150	-21,135	-21,041	-20,286	-20,462	-20,598	-20,584
358,271	355,666	353,418	351,497	348,778	346,352	344,331



30	31	32	33	34	35
<b>1,230,622</b>	<b>1,225,820</b>	<b>1,221,018</b>	<b>1,216,215</b>	<b>1,211,412</b>	<b>1,206,611</b>
28,000	27,889	27,779	27,669	27,558	27,448
672,503	669,895	667,286	664,676	662,067	659,459
369,220	367,768	366,317	364,865	363,414	361,963
56,725	56,501	56,278	56,055	55,832	55,609
104,174	103,766	103,358	102,949	102,541	102,133
-65,945	-65,652	-65,324	-64,844	-64,084	-56,893
<b>1,164,677</b>	<b>1,160,167</b>	<b>1,155,693</b>	<b>1,151,371</b>	<b>1,147,329</b>	<b>1,149,718</b>
-639,358	-638,299	-636,455	-634,618	-632,774	-751,646
-10,184	-10,171	-10,156	-10,144	-10,131	-10,119
-76,019	-75,722	-75,425	-75,132	-74,832	-74,536
-99,330	-99,330	-99,330	-99,330	-99,330	-99,330
-36,966	-36,966	-36,966	-36,966	-36,966	-36,966
-19,801	-19,796	-19,792	-19,787	-19,781	-19,776
-	-	-	-	-	-
-8,735	-8,701	-8,668	-8,635	-8,605	-8,623
-217,629	-216,772	-215,914	-215,057	-214,199	-213,342
-51	-673	-673	-673	-673	-673
-2,331	-2,329	-2,323	-2,317	-2,311	-2,305
-6,295	-6,295	-6,295	-6,295	-6,295	-6,295
-38,634	-38,483	-38,332	-38,181	-38,030	-37,879
-123,383	-123,062	-122,582	-122,102	-121,621	-241,802
<b>525,319</b>	<b>521,868</b>	<b>519,238</b>	<b>516,752</b>	<b>514,554</b>	<b>398,072</b>
-50,435	-49,655	-49,967	-51,910	-56,900	-71,063
<b>474,884</b>	<b>472,213</b>	<b>469,272</b>	<b>464,842</b>	<b>457,655</b>	<b>327,009</b>
-	-	-	-	-	-
<b>474,884</b>	<b>472,213</b>	<b>469,272</b>	<b>464,842</b>	<b>457,655</b>	<b>327,009</b>
-161,461	-160,552	-159,552	-158,046	-155,603	-111,183
<b>313,423</b>	<b>311,660</b>	<b>309,719</b>	<b>306,796</b>	<b>302,052</b>	<b>215,826</b>
<b>313,423</b>	<b>311,660</b>	<b>309,719</b>	<b>306,796</b>	<b>302,052</b>	<b>215,826</b>
50,435	49,655	49,967	51,910	56,900	71,063
-123,062	-122,582	-122,102	-121,621	-121,141	-120,661
123,383	123,062	122,582	122,102	121,621	241,802
-1,030	-968	-1,023	-1,072	-1,171	31,959
<b>363,149</b>	<b>360,828</b>	<b>359,143</b>	<b>358,114</b>	<b>358,261</b>	<b>439,989</b>
-20,490	-20,128	-20,304	-20,441	-20,426	-20,332

-	-	-	-	-	-
-20,490	-20,128	-20,304	-20,441	-20,426	-20,332
342,659	340,700	338,839	337,673	337,835	419,657