

CLAS	MUNICIPIO	2005	2007	2009	2011	2013	2015	2017	2019
1	MIRACEMA	4.9	4.7	5.1	5.3	5.3	6.2	5.9	6.9
2	RIO DAS OSTRAS	4.2	5.1	5.3	5.7	5.7	6.1	6.2	6.6
3	MIGUEL PEREIRA	4.8	5.1	5.5	5.8	5.8	5.8	6.6	6.4
4	SÃO JOSÉ DE UBÁ	5.4	5.5	5.4	5.5	5.9	5.9	6.5	6.4
5	ITAOCARA	3.6	4.3	4.4	4.7	5.4	5.4	5.8	6.3
6	ITAPERUNA	4.6	5.0	5.4	5.0	4.9	5.5	6.4	6.3
7	MACAÉ	4.4	4.7	5.0	5.0	5.2	5.6	5.9	6.3
8	PATY DO ALFERES	2.9	4.8	5.2	5.5	6.2	6.3	6.3	6.3
9	COMENDADOR LEVY GASPARIAN	4.1	4.4	5.1	5.4	6.5	6.5	6.2	6.2
10	IGUABA GRANDE	3.7	4.3	4.5	4.6	5.4	5.8	6.1	6.2
11	VOLTA REDONDA	4.7	4.8	5.2	5.4	5.7	5.9	6.1	6.2
12	BOM JESUS DO ITABAPOANA	4.4	4.5	4.7	5.0	5.2	5.6	5.9	6.1
13	QUISSAMÃ	3.2	4.5	4.3	5.1	4.8	5.0	5.7	6.1
14	SANTO ANTÔNIO DE PÁDUA	4.6	5.0	5.0	5.9	5.9	6.1	6.1	6.1
15	AREAL	3.7	3.7	4.2	4.6	5.0	5.1	5.6	6.0
16	MACUCO	4.3	3.8	3.8	4.2	3.6	5.4	5.7	6.0
17	SAQUAREMA	3.3	4.1	4.4	4.8	5.0	5.3	5.4	6.0
18	TERESÓPOLIS	3.9	4.2	5.4	5.7	5.5	5.6	*	6.0
19	TRÊS RIOS	3.9	4.0	4.3	4.5	5.3	5.5	5.2	6.0
20	CASIMIRO DE ABREU	4.2	4.9	4.8	5.2	5.0	5.7	5.7	5.9
21	NOVA FRIBURGO	4.6	4.2	4.9	5.4	5.8	5.8	5.9	5.9
22	PIRAÍ	4.2	4.8	4.9	5.2	5.1	5.3	5.5	5.9
23	ARMAÇÃO DOS BÚZIOS	3.9	4.2	4.5	4.6	5.5	5.3	5.9	5.8
24	PARAÍBA DO SUL	3.9	4.2	4.5	4.8	5.0	5.7	5.5	5.8
25	PORTO REAL	3.7	3.7	4.1	5.0	4.9	5.0	5.5	5.8
26	RESENDE	4.0	4.1	4.4	5.2	5.2	5.5	5.8	5.8
27	RIO DE JANEIRO	4.2	4.5	5.1	5.4	5.3	5.6	5.7	5.8
28	TRAJANO DE MORAES	5.4	4.6	5.0	5.6	4.7	6.4	5.9	5.8
29	CAMBUCI	4.2	4.7	5.8	4.7	5.2	4.9	5.9	5.7
30	CARMO	3.6	4.2	4.4	4.3	5.0	5.5	5.3	5.7
31	CONCEIÇÃO DE MACABU	3.7	4.8	4.7	4.6	4.4	4.7	*	5.7
32	ITALVA	4.8	3.6	4.8	5.4	5.0	4.6	5.6	5.7
33	QUATIS	4.0	4.1	4.7	5.1	5.2	5.1	5.5	5.7
34	ARRAIAL DO CABO	4.0	3.7	4.1	4.5	4.5	4.6	5.0	5.6
35	ENGENHEIRO PAULO DE FRONTIN	4.3	4.6	5.0	4.8	4.5	5.3	5.4	5.6
36	NATIVIDADE		3.8	4.0	4.5	4.5	4.8	5.1	5.6
37	SÃO JOSÉ DO VALE DO RIO PRETO	3.7	4.4	4.5	5.0	5.6	5.5	*	5.6
38	APERIBÉ	5.1	5.8	6.1	5.5	5.4	5.3	5.9	5.5
39	MANGARATIBA	4.1	3.9	4.2	5.3	5.4	5.3	5.3	5.5
40	NITERÓI	3.9	4.4	4.6	4.6	4.7	5.1	5.4	5.5
41	RIO BONITO	3.5	4.2	4.5	4.8	4.8	4.8	5.3	5.5
42	SÃO JOÃO DA BARRA	3.3	4.1	3.3	4.8	4.9	5.0	5.3	5.5
43	ARARUAMA	3.9	3.8	4.2	4.5	4.4	4.9	5.1	5.4
44	BARRA DO PIRAÍ	4.0	4.0	4.3	4.5	4.6	4.8	5.2	5.4
45	ITATIAIA	3.5	3.7	4.4	4.9	5.2	5.4	5.7	5.4
46	MAGÉ	3.3	3.6	3.6	3.9	4.3	4.5	4.3	5.4
47	MARICÁ	3.9	4.3	4.2	4.3	4.9	4.9	5.5	5.4
48	MENDES	4.7	4.5	4.9	4.9	6.0	5.2	6.1	5.4

49	PARACAMBI	3.4	4.5	4.5	4.9	5.6	5.3	5.7	5.4
50	PETRÓPOLIS	4.1	4.4	4.6	4.9	5.0	5.5	5.6	5.4
51	RIO DAS FLORES	3.5	4.1	4.5	4.6	4.7	5.3	5.1	5.4
52	SANTA MARIA MADALENA	5.0	4.3	4.5	5.2	4.7	5.1	4.7	5.4
53	CANTAGALO	3.4	3.7	3.9	3.9	5.1	5.0	5.6	5.3
54	CORDEIRO	4.1	4.0	4.0	4.2	5.0	5.4	5.5	5.3
55	LAJE DO MURIAÉ	4.1	3.9	4.1	3.9	4.8	5.0	5.0	5.3
56	QUEIMADOS	3.7	3.9	3.9	4.2	4.0	4.4	5.0	5.3
57	RIO CLARO	4.1	4.1	4.0	4.4	5.2	5.6	5.8	5.3
58	SÃO FRANCISCO DE ITABAPOANA	3.6	3.2	3.6	4.3	4.9	4.1	4.6	5.3
59	SÃO PEDRO DA ALDEIA	3.7	4.1	4.3	4.7	4.6	4.7	5.3	5.3
60	SÃO SEBASTIÃO DO ALTO		4.4	4.7	4.8	5.7	4.4	5.6	5.3
61	VARRE-SAI		5.0	4.6	4.7	4.4	5.3	4.9	5.3
62	BARRA MANSA	4.6	4.5	4.9	5.1	5.2	5.4	5.5	5.2
63	BOM JARDIM	4.3	4.2	4.7	4.6	5.0	5.2	5.4	5.2
64	PARATY	3.7	4.0	4.5	4.4	4.5	5.2	5.7	5.2
65	PINHEIRAL	3.9	4.3	4.5	4.9	4.6	4.6	5.6	5.2
66	SILVA JARDIM	3.9	3.7	3.6	4.1	4.5	5.0	4.8	5.2
67	VASSOURAS	3.6	3.7	4.0	4.1	5.1	5.0	4.8	5.2
68	ANGRA DOS REIS	3.6	4.4	4.2	5.1	5.1	4.9	5.1	5.1
69	CARAPEBUS	3.4	4.1	4.1	4.5	4.6	4.9	5.0	5.1
70	ITABORAÍ	3.6	3.8	4.1	4.6	4.5	4.6	4.9	5.1
71	SAPUCAIA	3.9	4.1	4.3	4.1	4.7	4.9	5.4	5.1
72	CABO FRIO	3.9	4.0	4.6	4.7	4.7	4.9	5.0	5.0
73	NILÓPOLIS	3.0	3.9	3.6	4.4	4.3	4.6	4.8	5.0
74	VALENÇA	3.8	4.5	4.7	4.7	5.1	5.0	5.2	5.0
75	GUAPIMIRIM	3.0	3.5	4.0	4.3	4.8	5.1	5.0	4.9
76	ITAGUAÍ	3.3	3.7	4.1	4.5	4.7	4.6	4.6	4.9
77	SÃO FIDÉLIS	3.8	4.6	4.5	5.1	5.1	4.8	5.2	4.9
78	SÃO JOÃO DE MERITI	3.7	3.6	4.0	4.2	4.5	4.5	4.6	4.9
79	SEROPÉDICA	3.2	3.6	3.7	4.3	4.7	4.5	4.4	4.9
80	SUMIDOURO						4.6	5.2	4.9
81	TANGUÁ	3.2	3.7	3.8	4.5	4.3	4.7	4.9	4.9
82	DUAS BARRAS	3.9	4.0	3.8	4.3	4.6	5.2	5.0	4.8
83	MESQUITA	3.7	3.9	4.1	4.1	4.5	4.8	4.7	4.8
84	PORCIÚNCULA	4.3	4.3	4.6	4.6	5.0	5.0	5.2	4.8
85	BELFORD ROXO	3.5	3.6	3.7	3.8	3.7	4.1	4.3	4.7
86	DUQUE DE CAXIAS	3.3	3.7	3.8	4.3	4.4	4.5	4.6	4.7
87	NOVA IGUAÇU	3.6	3.9	4.0	4.1	3.9	4.7	4.7	4.6
88	SÃO GONÇALO	3.8	3.8	3.9	4.1	4.1	4.3	4.5	4.6
89	CARDOSO MOREIRA	3.5	3.2	3.8	3.8	4.0	4.9	4.6	4.5
90	JAPERI	3.1	3.7	3.6	3.8	4.3	4.4	4.5	4.5
91	CACHOEIRAS DE MACACU	3.9	3.9	3.8	4.1	4.9	4.6	4.7	*
92	CAMPOS DOS GOYTACAZES	2.9	4.3	3.3	3.6	3.9	5.0	4.6	*