UNIVERSIDADE TECNOLÓGICA FEDERAL DO PARANÁ
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ENGENHARIA DE SOFTWARE

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ANÁLISE COMPARATIVA ENTRE DIFERENTES MÉTODOS DE COLISÃO 2D NA UNITY

TRABALHO DE CONCLUSÃO DE CURSO

CORNÉLIO PROCÓPIO

2019

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ANÁLISE COMPARATIVA ENTRE DIFERENTES MÉTODOS DE COLISÃO 2D NA UNITY

Trabalho de Conclusão de Curso apresentado à disci-
plina de Trabalho de Conclusão de Curso da Univer-
sidade Tecnológica Federal do Paraná como requi-
sito parcial para obtenção do grau de Bacharel em
Engenharia de Software.

Orientador: Prof. Dr. Paulo Augusto Nardi

CORNÉLIO PROCÓPIO

2019

RESUMO

MORETTO, Rodrigo. Análise comparativa entre diferentes métodos de colisão 2D na Unity. f. Trabalho de Conclusão de Curso – Engenharia de Software, Universidade Tecnológica Federal do Paraná. Cornélio Procópio, 2019.

As colisões em jogos apresentam um fator importante durante seu desenvolvimento, pois elas influenciam no funcionamento da física e manipulação de eventos. Devido a isso, a escolha de qual o tipo de colisão deve ser aplicada para determinado objeto ou evento deve ser bem organizada, com o intuito de causar o mínimo ou nenhuma falha durante a execução do jogo. Este trabalho apresenta as vantagens e desvantagens que cada colisão presente na plataforma de desenvolvimento de jogos (game engine) Unity oferece.

Palavras-chave: Jogos Digitais, Unity, Game Engine, Colisão, 2D, Desenvolvimento

ABSTRACT

MORETTO, Rodrigo. Comparative analisis between different 2D collision methods on Unity. f. Trabalho de Conclusão de Curso – Engenharia de Software, Universidade Tecnológica Federal do Paraná. Cornélio Procópio, 2019.

Collisions in games present an important factor during its development, because they will conduct the operation of physics and event manipulation. Due to that, the choice of which collision type must be applied to a specific object or event should be well organized, with the intention to cause the minimum or no fail during the game execution. This work will show the advantages and disadvantages that each collision available on the game development platform (game engine) Unity can offer.

Keywords: Digital Games, Unity, Game Engine, Collision, 2D, Development

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A.1.1 UM OBJETO

Tabela 1: 1 Objeto Pre-Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.5%	1	0.09	0

70				
250				

Tabela 2: 1 Objeto Pre-Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
70	0.5%	1	0.09	0
	0.0%	1	0.00	0
	0.1%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
80	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
90	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
100				
250				

Tabela 3: 1 Objeto Pre-Runtime Circle OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40				
	1.6%	1	0.28	32
50				
250				

Tabela 4: 1 Objeto Pre-Runtime Circle OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.6%	1	0.10	0
70				
250				

Tabela 5: 1 Objeto Pre-Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40				
	0.6%	1	0.10	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
50	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
		1	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
	0.0%	1	0.00	0
	0.0%	1	0.00	0
60	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	1	0.00	0
		1	0.00	0
70				
250				

Tabela 6: 1 Objeto Pre-Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	1.0%	6	0.32	0
	1.0%	2	0.13	0
	1.0%	1	0.08	0
	0.8%	1	0.07	0
	0.5%	1	0.07	0
	0.4%	1	0.08	0
	0.5%	1	0.08	0
	0.4%	1	0.08	0
10	0.5%	1	0.09	0

	0.5%	1	0.08	0
	0.5%	1	0.08	0
	0.4%	1	0.09	0
	0.5%	1	0.07	0
	0.5%	1	0.07	0
	0.4%	1	0.08	0
	0.4%	1	0.07	0
	0.5%	1	0.08	0
	0.4%	1	0.08	0
20	0.4%			
		1	0.08	0
	0.4%	1	0.08	0
	0.5%	1	0.07	0
	0.4%	1	0.07	0
	0.4%	1	0.07	0
	0.5%	1	0.09	0
	0.5%	1	0.08	0
	0.5%	1	0.08	0
	0.4%	1	0.07	0
30	0.4%	1	0.07	0
	0.5%	1	0.08	0
	0.3%	1	0.08	0
	0.3%	1	0.07	0
	2.8%	2	0.15	0
	0.5%	1	0.08	0
	0.5%	1	0.08	0
	0.4%	1	0.08	0
	0.4%	1	0.07	0
	0.5%	1	0.08	0
40	0.4%	1	0.08	0
	0.5%	1	0.08	0
	0.5%	1	0.09	0
	0.5%	1	0.08	0
	2.5%	1	0.42	72

	1.2%	1	0.20	0
	0.6%	1	0.10	0
	0.5%	1	0.10	0
	0.5%	1	0.09	0
	0.5%	1	0.09	0
50	0.6%	1	0.09	0
	0.5%	1	0.09	0
	0.5%	1	0.09	0
	0.5%	1	0.09	0
	0.6%	1	0.10	0
	0.5%	1	0.09	0
	0.9%	2	0.16	0
	0.5%	1	0.09	0
60	0.6%	1	0.09	0
	0.5%	1	0.09	0
	0.3%	1	0.09	0
	0.5%	1	0.13	0
	2.3%	2	0.12	0
	0.7%	1	0.11	0
	0.5%	1	0.09	0
	1.2%	1	0.20	0
	0.5%	1	0.09	0
	0.5%	1	0.08	0
70	0.5%	1	0.09	0
	1.4%	1	0.23	3600
	1.2%	1	0.22	3600
	0.8%	1	0.13	3600
	0.9%	1	0.16	3600
	0.8%	1	0.12	3600
	0.8%	1	0.13	3600
	0.7%	1	0.12	3600
	0.6%	1	0.10	3600

	0.6%	1	0.11	3600
80	0.6%	1	0.11	3600
	0.7%	1	0.12	3600
	0.6%	1	0.11	3600
	0.7%	1	0.12	3600
	0.7%	1	0.12	3600
	0.6%	1	0.11	3600
	0.7%	1	0.12	3600
	0.7%	1	0.12	3600
	0.7%	1	0.12	3600
	0.7%	1	0.12	3600
90	0.7%	1	0.12	3600
	0.7%	1	0.12	3600
	0.4%	1	0.12	3600
	0.8%	1	0.20	3600
	2.3%	1	0.12	3600
	0.8%	1	0.12	3600
	0.7%	1	0.12	3600
	0.7%	1	0.12	3600
	0.8%	1	0.12	3600
	0.7%	1	0.13	3600
100	0.1%	1	0.02	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
110	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
120	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.5%	1	0.02	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
130	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
140	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
150	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.1%	1	0.01	0
	0.3%	1	0.02	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
160	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
170	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
180	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.03	0
	0.3%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
190	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.1%	1	0.02	0
	0.0%	1	0.01	0
200	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
210	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.7%	1	0.03	0

	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
220	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
230	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
240	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.1%	1	0.02	0
	0.3%	1	0.02	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.01	0
250	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.1%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.01	0

A.1.2 DEZ OBJETOS

Tabela 7: 10 Objetos Pre-Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	1.4%	1	0.08	0
	0.0%	2	0.00	0
	0.0%			
		2	0.00	0

	0.0%	1	0.00	0
	0.0%	1		
			0.00	0
70	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
80	0.0%	2	0.00	0
	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
100				

	0.0%	2	0.00	0
110	0.0%			
		2	0.00	0
	0.0%			
120				
		2	0.00	0
	0.0%	2		
130				
170			0.00	0
	0.0%	2		0

			0.00	
	0.0%	1	0.00	0
	0.0%	1	0.00	0
180				
	0.0%	1	0.00	0
	0.0%	1	0.00	0
190				
	0.0%	1	0.00	0
200				
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.1%	2	0.00	0
210				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
220				
290				

Tabela 8: 10 Objetos Pre-Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				

80				
	0.5%	2	0.08	0
	0.0%	4	0.00	0
	0.0%			
90				
100		2	0.00	0
	0.0%			
110				
290				

Tabela 9: 10 Objetos Pre-Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.5%	1	0.09	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.1%	8	0.00	0
70	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.2%	12	0.01	0

80	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	14	0.01	0
	0.0%	12	0.01	0
	0.0%	20	0.04	0
	0.6%	6	0.00	0
	0.0%	8	0.01	0
	0.1%	12	0.00	0
	0.0%	8	0.00	0
90	0.1%	8	0.01	0
	0.0%	8	0.00	0
	0.1%	8	0.02	0
				0
	0.0%	8	0.00	0
	0.0%	8	0.00	
	0.0%	8	0.00	0
	0.2%	16	0.01	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
100	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.2%	16	0.01	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
110	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0

	0.0%	6	0.01	0
	0.5%	18	0.02	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
120	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.1%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
130	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.01	0
	0.3%	16	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
140	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	24	0.01	0
	0.3%	8	0.01	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0

	0.0%	8	0.01	0
	0.0%	8	0.00	0
150	0.0%	8	0.00	0
	0.1%	16	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
160	0.2%	16	0.01	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
170	0.1%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	7	0.00	0
	0.1%	8	0.00	0
180	0.0%	7	0.01	0
	0.0%	7	0.00	0

	0.0%	8	0.00	0
	0.0%	7	0.00	0
	0.0%	7	0.00	0
	0.0%	7	0.00	0
	0.0%	7	0.00	0
	0.0%	7	0.00	0
	0.2%	10	0.01	0
	0.0%	5	0.00	0
190	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	3	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.02	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.1%	6	0.00	0
	0.0%	3	0.00	0
200	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.3%	3	0.02	0
	0.0%	4	0.00	0
	0.2%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
210	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0

	0.2%	6	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
220	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
230	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.5%	6	0.03	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	4	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

250	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
260	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	6	0.02	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	2	0.00	0
270	0.0%	4	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	2	0.00	0
	0.0%	4	0.01	0
280	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
290	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

Tabela 10: 10 Objetos Pre-Runtime Circle OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				
	3.0%	1	0.45	32

40				
	0.0%	1	0.00	0
50				
	0.0%	1	0.00	0
60	0.0%	1	0.00	0
	0.0%	1	0.01	0
70				

90	0.0%	1	0.00	0
120				
	0.0%	1	0.00	0
130				
290				

Tabela 11: 10 Objetos Pre-Runtime Circle OnTriggerE-xit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				

50				
	0.5%	1	0.09	0
60				
	0.0%	1	0.00	0
	0.0%			
		1	0.01	0
	0.1%			
70				
110				
		1	0.01	0
	0.0%	1		
120				

			0.00	0
	0.0%	1		0
130				
180				
			0.00	
190	0.0%	1	0.00	0
210				
	0.0%	1	0.01	0
220				

290				

Tabela 12: 10 Objetos Pre-Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				
	0.6%	1	0.10	0
	0.0%	1	0.00	0
40	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
50	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.2%	4	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	3	0.02	0
	0.0%	2	0.00	0
60	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	6	0.01	0
	0.1%	3	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
70	0.0%	2	0.00	0
	0.1%	4	0.01	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0

	0.0%	2	0.01	0
	0.0%	2	0.00	0
80	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.4%	4	0.03	0
	0.0%	2	0.00	0
	0.2%	4	0.01	0
	0.0%	2	0.00	0
90	0.1%	2	0.02	0
	0.0%	2	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.01	0
	0.2%	6	0.01	0
	0.0%	3	0.01	0
	0.0%	3	0.01	0
100	0.1%	3	0.01	0
	0.0%	3	0.01	0
	0.1%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.01	0
	0.3%	6	0.01	0
	0.1%	3	0.01	0
	0.1%	3	0.01	0
	0.1%	3	0.01	0
110	0.1%	3	0.01	0
	0.0%	3	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.3%	6	0.01	0
	0.0%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
120	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.01	0
130	0.0%	2	0.01	0
	0.5%	4	0.02	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
140	0.0%	6	0.01	0
	0.1%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	2	0.04	0

	0.0%	2	0.00	0
	0.1%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
150	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	4	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
160	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.3%	4	0.02	0
170	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.01	0
	0.1%	2	0.00	0
	0.0%	2	0.01	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.01	0

180	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	4	0.01	0
	0.0%	2	0.01	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.1%	2	0.01	0
190	0.0%	1	0.01	0
	0.2%	2	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.5%	1	0.04	0
	0.0%	1	0.01	0
	0.0%	2	0.00	0
200	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.5%	2	0.02	0
	0.1%	1	0.01	0
210	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.01	0
	0.0%	1	0.01	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.00	0
220				
290				

Tabela 13: 10 Objetos Pre-Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.6%	1	0.38	0
	0.9%	6	0.31	0
	0.6%	1	0.10	0
	0.5%	3	0.10	0
	0.5%	1	0.09	0
	0.5%	1	0.09	0
	0.2%	1	0.09	0
	3.5%	1	0.09	0
10	0.5%	1	0.09	0
	0.5%	1	0.08	0
	0.6%	1	0.19	0
	0.5%	1	0.09	0
	0.6%	2	0.09	0
	0.5%	1	0.10	0
	0.6%	1	0.10	0
	0.2%	1	0.10	0

	0.2%	1	0.09	0
	0.2%	1	0.10	0
20	5.9%	1	0.09	0
	0.6%	1	0.31	0
	0.6%	1	0.10	0
	0.6%	2	0.10	0
	0.5%	2	0.10	0
	0.6%	2	0.09	0
	0.5%	1	0.09	0
	0.6%	1	0.10	0
	0.5%	1	0.10	0
	0.5%	1	0.09	0
30	0.1%	1	0.21	0
	1.0%	1	0.10	0
	1.6%	1	0.21	0
	0.5%	1	0.21	0
	0.5%	1	0.11	0
	0.5%	2	0.09	0
	0.6%	1	0.09	0
	0.5%	1	0.10	72
	0.5%	1	0.10	0
	0.2%	1	0.63	0
40	2.5%	1	0.09	0
	4.2%	1	0.09	0
	1.3%	1	0.22	0
	0.8%	2	0.63	0
	0.7%	1	0.21	0
	0.6%	1	0.14	0
	0.5%	1	0.12	0
	0.2%	1	0.11	0
	0.8%	1	0.11	0
	4.6%	1	0.10	0
50	0.7%	1	0.24	0
	0.8%	2	0.12	0

	0.6%	1	0.13	0
	0.8%	1	0.11	10700
	0.7%	1	0.12	0
	1.1%	1	0.12	10700
	0.7%	1	0.11	0
	1.1%	1	0.12	0
	0.8%	1	0.12	0
	0.3%	1	0.28	0
60	5.1%	1	0.19	0
	0.8%	1	0.13	0
	0.3%	1	0.19	0
	0.9%	2	0.12	10700
	1.1%	1	0.15	3600
	1.4%	1	0.19	3600
	0.7%	1	0.23	10700
	0.3%	1	0.12	10700
	9.7%	1	0.59	10700
	1.5%	1	0.19	10700
70	1.1%	1	0.24	14200
	1.1%	2	0.17	14200
	1.1%	1	0.19	21300
	0.6%	1	0.28	49800
	1.1%	1	0.19	42700
	1.2%	1	0.19	21300
	0.4%	1	0.19	21300
	7.2%	1	0.19	35500
	1.1%	1	0.39	49800
	0.6%	1	0.31	42700
80	1.3%	2	0.20	42700
	1.2%	1	0.20	49800
	1.2%	1	0.21	49800
	1.4%	1	0.21	56900
	1.3%	1	0.23	49800
	1.3%	1	0.31	49800

	0.6%	1	0.22	49800
	4.6%	1	0.23	49800
	1.4%	1	0.25	78200
	1.3%	1	0.28	35500
90	1.6%	1	0.22	35500
	1.2%	1	0.22	49800
	0.9%	1	0.31	28400
	1.3%	1	0.22	35500
	13.9%	1	0.34	28400
	1.2%	1	0.89	28400
	0.5%	2	0.22	28400
	8.6%	2	0.21	
	3.2%	1	0.53	28400
	1.2%	2	0.23	28400
100	1.7%	2	0.52	28400
		1	0.21	64000
	1.5%	1	0.32	35500
	1.2%	1		35500
	0.5%		0.25	35500
	10.3%	1	0.20	35500
	1.3%	1	0.20	35500
	1.2%	1	0.54	35500
	1.3%	2	0.21	21300
	1.2%	1	0.21	35500
110	1.3%	1	0.21	21300
	1.2%	1	0.21	28400
	1.2%	1	0.20	56900
	1.2%	1	0.21	21300
	0.5%	1	0.61	28400
	8.2%	1	0.22	28400
	1.2%	1	0.61	21300
	1.2%	1	0.46	21300
	1.2%	2	0.20	21300
	1.3%	1	0.19	64000

120	1.1%	1	0.22	28400
	0.7%	1	0.20	28400
	0.4%	1	0.20	28400
	11.6%	1	0.20	28400
	1.2%	1	0.23	28400
	1.2%	1	0.61	28400
	1.2%	3	0.21	28400
	1.2%	1	0.20	28400
	1.3%	1	0.22	28400
	1.1%	1	0.19	28400
130	1.3%	1	0.21	28400
	1.2%	1	0.20	28400
	5.4%	1	0.20	28400
	1.1%	1	0.20	28400
	1.5%	1	0.20	28400
	1.2%	1	0.35	28400
	1.2%	1	0.23	28400
	1.4%	1	0.20	56900
	1.3%	1	0.21	28400
	2.2%	1	0.24	28400
140	0.5%	1	0.20	28400
	9.4%	1	0.20	28400
	1.2%	1	0.22	28400
	2.2%	2	0.20	28400
	1.3%	1	0.20	28400
	1.2%	1	0.20	28400
	1.3%	1	0.21	28400
	1.2%	1	0.21	85300
	1.2%	1	0.20	28400
	1.2%	1	0.20	28400
150	0.3%	1	0.20	28400
	2.2%	1	0.20	28400
	5.0%	1	0.20	28400
	1.1%	1	0.49	28400

	1.2%	3	0.25	56900
	0.5%	1	0.19	28400
	1.2%	1	0.20	28400
	1.3%	1	0.20	28400
	0.4%	1	0.28	28400
	5.0%	1	0.18	28400
160	1.3%	1	0.30	28400
	0.5%	1	0.24	28400
	1.1%	2	0.21	28400
	1.2%	1	0.19	28400
	1.1%	1	0.20	56900
	1.2%	1	0.20	28400
	1.2%	1	0.20	28400
	0.5%	1	0.24	28400
	9.6%	1	0.20	28400
	1.2%	1	0.21	28400
170	1.4%	1	0.51	28400
	1.3%	2	0.20	28400
	1.5%	1	0.22	21300
	1.1%	1	0.24	21300
	1.5%	1	0.20	21300
	1.2%	1	0.20	21300
	0.4%	1	0.20	21300
	1.4%	1	0.20	28400
	5.5%	1	0.19	21300
	1.2%	1	0.33	28400
180	0.6%	1	0.20	28400
	1.6%	1	0.20	28400
	5.5%	1	0.33	28400
	1.4%	1	0.20	28400
	1.1%	1	0.36	17800
	1.1%	2	0.21	28400
	0.5%	1	0.20	28400
	5.5%	1	0.20	28400

	1.2%	1	0.35	28400
	1.3%	1	0.20	28400
190	1.4%	1	0.21	28400
	1.2%	1	0.19	46200
	1.2%	1	0.24	21300
	1.2%	1	0.21	17800
	1.6%	1	0.20	17800
	1.1%	1	0.21	17800
	0.5%	1	0.27	17800
	9.6%	1	0.19	17800
	1.2%	1	0.52	17800
	1.1%	2	0.20	14200
200	1.1%	1	0.19	17800
	1.2%	1	0.19	10700
	1.1%	1	0.20	21300
	1.1%	1	0.19	10700
	1.1%	1	0.19	10700
	0.4%	1	0.19	10700
	1.1%	1	0.17	10700
	1.1%	1	0.18	10700
	1.1%	1	0.64	14200
	0.5%	2	0.19	14200
210	1.1%	1	0.18	28400
	1.1%	1	0.19	14200
	9.9%	1	0.24	14200
	0.4%	1	0.73	14200
	4.5%	1	0.19	7100
	0.9%	1	0.34	14200
	1.1%	1	0.17	14200
	1.1%	2	0.18	14200
	1.1%	1	0.17	14200
	1.1%	1	0.18	14200
220	0.9%	1	0.19	14200
	1.3%	1	0.18	14200

	1.2%	1	0.17	14200
	0.4%	1	0.20	14200
	17.5%	1	0.21	14200
	1.2%	1	0.18	7100
	1.1%	1	1.01	14200
	1.1%	2	0.20	14200
	1.2%	1	0.19	7100
	0.9%	1	0.19	7100
230	1.0%	1	0.20	7100
	1.1%	1	0.18	7100
	0.9%	1	0.18	7100
	0.4%	1	0.17	7100
	6.1%	1	0.33	7100
	1.0%	1	0.18	7100
	1.1%	1	0.33	7100
	1.1%	1	0.18	7100
	1.0%	1	0.18	21300
	0.6%	1	0.18	7100
240	0.6%	1	0.18	7100
	11.3%	1	0.18	7100
	1.2%	1	0.18	7100
	1.2%	1	0.64	7100
	1.0%	3	0.19	7100
	1.0%	1	0.20	7100
	1.1%	1	0.18	7100
	1.0%	1	0.17	7100
	1.1%	1	0.19	14200
	1.1%	1	0.19	7100
250	1.0%	1	0.19	7100
	0.4%	1	0.17	7100
	6.2%	1	0.33	7100
	1.0%	1	0.33	7100
	1.0%	2	0.17	7100
	1.0%	1	0.17	7100

	1.0%	1	0.17	7100
	0.9%	1	0.17	7100
	1.1%	1	0.17	7100
	0.9%	1	0.17	7100
260	0.4%	1	0.16	7100
	2.9%	1	0.17	7100
	1.1%	1	0.19	7100
	1.0%	1	0.18	7100
	1.0%	1	0.17	7100
	1.1%	1	0.19	21300
	1.3%	1	0.21	7100
	1.1%	1	0.18	7100
	0.6%	1	0.18	7100
	0.3%	1	0.15	7100
270	6.3%	1	0.65	7100
	1.4%	3	0.20	7100
	1.2%	1	0.18	7100
	1.1%	1	0.18	14200
	0.9%	1	0.16	7100
	1.2%	1	0.20	7100
	1.0%	1	0.17	7100
	0.4%	1	0.16	7100
	10.6%	1	0.55	7100
	1.0%	2	0.17	7100
280	1.1%	1	0.18	7100
	1.1%	1	0.18	7100
	1.1%	1	0.18	14200
	1.1%	1	0.19	7100
	1.1%	1	0.17	7100
	1.0%	1	0.17	7100
	0.4%	1	0.18	7100
	8.9%	1	0.45	7100
	1.0%	2	0.17	7100
	1.1%	1	0.17	7100

quadrosTotal	totalPercent	calls	totalTime	gcMemory
290	1.0%	1	0.18	7100
	1.1%	1	0.18	14200
	1.0%	1	0.17	7100
	1.0%	1	0.18	7100

A.1.3   CINQUENTA OBJETOS

Tabela 14: 50 Objetos Pre-Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
70				
	0.5%	2	0.09	0
	0.0%	2	0.00	0
80	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
100	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
110	0.0%	6	0.00	0
	0.0%	8	0.01	0
	0.1%	10	0.01	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0

	0.0%	10	0.00	0
120	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.01	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
130	0.0%	12	0.01	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.01	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
140	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.01	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
150	0.0%	14	0.01	0

	0.1%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
160	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
170				
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
180				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
190	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
200	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
210	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0

	0.0%	2	0.00	0
220	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
230				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
250				
	0.0%	4	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
260				
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
270				
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
280				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
290	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

Tabela 15: 50 Objetos Pre-Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
70				
	0.5%	2	0.09	0

	0.0%	2	0.00	0
80	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
100	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0

110	0.0%	6	0.00	0
	0.0%	8	0.01	0
	0.1%	10	0.01	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
120	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.01	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
130	0.0%	12	0.01	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.01	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
140	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.01	0
	0.0%	8	0.00	0

	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
150	0.0%	14	0.01	0
	0.1%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
160	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
170				
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0

	0.0%	2	0.00	0
	0.0%	4	0.00	0
180				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
190	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
200	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
210	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
220	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
230				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
250				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
260				
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
270				
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0

280				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
290	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

Tabela 16: 50 Objetos Pre-Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				

70				
	0.5%	2	0.09	0
	0.0%	2	0.00	0
	0.0%			
80		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		
			0.00	0
	0.0%	2		0
90				
			0.00	
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
100	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	8	0.01	0
	0.0%	2	0.00	0
110	0.0%	2	0.01	0
	0.0%	6	0.00	0
	0.0%	8	0.01	0
	0.0%	8	0.01	0
	0.1%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
120				
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.01	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
130	0.0%	4	0.00	0
	0.0%	6	0.01	0
	0.0%	10	0.00	0
	0.0%	12	0.01	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.01	0

	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
140	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.01	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
150	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.01	0
	0.1%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
160	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
170	0.0%	2	0.00	0

	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
180	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
190	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4		0
200			0.00	
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
210	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
220		4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
230				
	0.0%	2	0.01	0
	0.0%	2	0.00	0

240	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		
			0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
250	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
260	0.0%	4	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		0
			0.00	
	0.0%	2	0.00	0
270				
	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
280				
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2		
290				
			0.00	0
	0.0%	2		0
			0.00	
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		0

Tabela 17: 50 Objetos Pre-Runtime Circle OnCollisionS-tay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.2%	12	0.02	0
	0.0%	6	0.01	0

	0.2%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
10	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
20	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
30	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
40	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
50	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
60	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
70	0.0%	2	0.00	0
	0.0%	4	0.00	0

	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.01	0
	0.0%	10	0.00	0
80	0.0%	12	0.01	0
	0.0%	10	0.01	0
	0.0%	12	0.00	0
	0.0%	14	0.01	0
	0.0%	12	0.01	0
	0.0%	12	0.01	0
	0.0%	14	0.01	0
	0.0%	16	0.01	0
	0.0%	20	0.01	0
	0.0%	22	0.01	0
90	0.0%	26	0.02	0
	0.1%	30	0.01	0
	0.1%	34	0.02	0
	0.2%	38	0.09	0
	0.1%	34	0.09	0
	0.2%	38	0.03	0
	0.0%	66	0.02	0
	0.4%	34	0.03	0
	1.3%	34	0.03	0
	0.1%			
100	0.2%	36	0.03	0
		38	0.03	0
	0.1%	40	0.02	0
	0.2%	42	0.03	0
	0.1%	44	0.03	0
	0.2%	42	0.03	0

	0.1%	44	0.03	0
	0.2%	50	0.03	0
	0.2%	48	0.02	0
	0.1%	54	0.03	0
110	0.2%	70	0.03	0
	0.1%	58	0.03	0
	0.1%	66	0.03	0
	0.1%	60	0.02	0
	0.2%	70	0.03	0
	0.2%	68	0.04	0
	0.2%	72	0.03	0
	0.2%	70	0.03	0
	0.2%	64	0.04	0
	0.2%	62	0.03	0
120	0.2%	62	0.03	0
	0.2%	58	0.03	0
	0.2%	58	0.03	0
	0.2%	60	0.04	0
	0.2%	74	0.04	0
	0.2%	64	0.06	0
	0.2%	76	0.05	0
	0.1%	170	0.09	0
	0.2%	90	0.06	0
	1.0%	90	0.05	0
130	0.2%	78	0.04	0
	0.4%	74	0.03	0
	0.3%	76	0.03	0
	0.2%	74	0.05	0
	0.2%	86	0.05	0
	0.2%	92	0.05	0
	0.2%	94	0.06	0
	0.3%	86	0.05	0
	0.3%	78	0.04	0
	0.3%	76	0.04	0

140	0.3%	74	0.05	0
	0.2%	70	0.02	0
	0.2%	66	0.05	0
	0.3%	64	0.03	0
	0.1%	64	0.04	0
	0.1%	70	0.03	0
	0.2%	70	0.04	0
	0.2%	72	0.05	0
	0.3%	74	0.06	0
	0.3%	74	0.04	0
150	0.2%	74	0.05	0
	0.3%	72	0.05	0
	0.2%	70	0.04	0
	0.3%			
	0.2%	142	0.07	0
				0
	0.4%	72	0.05	
		124	0.04	0
	0.1%	56	0.09	0
	0.5%	56	0.05	0
160	1.3%	60	0.03	0
	0.2%	58	0.05	0
	0.2%	56	0.09	0
	0.2%	56	0.02	0
	0.6%	62	0.03	0
	0.2%	58	0.05	0
	0.3%	58	0.03	0
	0.1%	60	0.04	0
	0.2%	54	0.03	0
	0.2%	52	0.03	0
170	0.1%	54	0.02	0
	0.2%	56	0.03	0
	0.1%			0
	0.2%	52	0.03	0

		56	0.04	0
	0.2%	110	0.08	0
	0.2%			0
	0.5%	52	0.02	
		54	0.02	0
	0.1%	52	0.03	0
180	0.1%	50	0.02	0
	0.2%	48	0.02	
	0.1%	50	0.04	0
	0.1%	38	0.02	0
	0.2%	40	0.03	0
	0.1%	40	0.02	0
	0.2%	42	0.03	0
	0.1%	44	0.09	0
	0.1%	98	0.05	0
	0.3%	48	0.02	0
190	0.5%	48	0.03	0
	0.2%	48	0.03	0
	0.2%	52	0.02	0
	0.2%	54	0.03	0
	0.1%	58	0.03	0
	0.1%	56	0.03	0
	0.1%	54	0.03	0
	0.2%	54	0.03	0
	0.2%	52	0.03	0
	0.2%	58	0.03	0
200	0.2%	62	0.04	0
	0.2%	66	0.03	0
	0.2%	68	0.04	0
	0.2%	66	0.03	0
	0.2%	66	0.04	0
	0.2%	68	0.07	0
	0.2%	68	0.04	0
	0.5%	68	0.03	0

	0.2%	66	0.05	0
	0.2%	64	0.03	0
210	0.3%	66	0.04	0
	0.2%	66	0.03	0
	0.2%	66	0.04	0
	0.2%	64	0.06	0
	0.2%	64	0.03	0
	0.3%	66	0.04	0
	0.2%	66	0.03	0
	0.3%	68	0.04	0
	0.1%	68	0.04	0
	0.2%	68	0.04	0
220	0.5%	66	0.04	0
	0.2%	60	0.04	0
	0.3%	58	0.04	0
	0.2%	56	0.03	0
	0.2%	54	0.05	0
	0.1%	52	0.03	0
	0.2%	46	0.04	0
	0.2%	44	0.03	0
	0.3%	44	0.04	0
	0.1%	44	0.03	0
230	0.2%	42	0.02	0
	0.2%	42	0.02	0
	0.1%	42	0.04	0
	0.1%	44	0.03	0
	0.2%	44	0.03	0
	0.1%	50	0.03	0
	0.2%	52	0.04	0
	0.2%	54	0.03	0
	0.2%	58	0.03	0
	0.2%	56	0.03	0
240	0.2%	54	0.03	0
	0.2%	54	0.04	0

	0.2%	54	0.04	0
	0.2%	54	0.03	0
	0.3%	54	0.04	0
	0.1%	52	0.03	0
	0.2%	52	0.02	0
	0.2%	52	0.09	0
	0.1%	50	0.03	0
	0.3%	52	0.03	0
250	0.5%	52	0.03	0
	0.2%	52	0.03	0
	0.1%	52	0.04	0
	0.2%	50	0.03	0
	0.2%	50	0.05	0
	0.1%	48	0.03	0
	0.3%	48	0.03	0
	0.1%	46	0.05	0
	0.2%	46	0.04	0
	0.2%	50	0.04	0
260	0.2%	50	0.05	0
	0.2%	50	0.04	0
	0.3%	48	0.03	0
	0.2%	48	0.03	0
	0.2%	48	0.03	0
	0.1%	50	0.03	0
	0.2%	50	0.04	0
	0.2%	50	0.04	0
	0.3%	52	0.03	0
	0.2%	50	0.03	0
270	0.2%	50	0.03	0
	0.2%	52	0.03	0
	0.2%	50	0.03	0
	0.1%	44	0.03	0
	0.2%	44	0.04	0
	0.2%	40	0.03	0

	0.2%	42	0.02	0
	0.2%	42	0.10	0
	0.0%	44	0.02	0
	0.5%	44	0.03	0
280	0.4%	44	0.04	0
	0.2%	46	0.03	0
	0.2%	42	0.03	0
	0.2%	40	0.02	0
	0.2%	40	0.03	0
	0.1%	42	0.03	0
	0.2%	42	0.05	0
	0.2%	40	0.03	0
	0.3%	46	0.03	0
	0.1%	46	0.03	0
290	0.2%	44	0.02	0
	0.1%	44	0.03	0
	0.1%	46	0.05	0
	0.2%	46	0.02	0
	0.3%	48	0.02	0
	0.1%	48	0.04	0
	0.1%	48	0.03	0
	0.2%	50	0.03	0
	0.1%	48	0.02	0

Tabela 18: 50 Objetos Pre-Runtime Circle OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

		85		
10				
30				
	0.8%	2	0.12	0
40				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
50				
		4	0.00	0

	0.0%	4		
60				
			0.00	0
	0.0%	4		0
70				
			0.00	
	0.0%	4	0.00	0
	0.0%	2	0.00	0
80				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0

	0.0%	6	0.00	0
	0.0%	2	0.00	0
100				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
110	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%			
		2	0.00	0
	0.0%	2		
			0.00	0
	0.0%	2	0.00	0
120	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0

130				
	0.0%	2	0.00	0
140				
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
150				
		4	0.00	0
	0.0%			
160				

170				
		2	0.00	0
	0.0%	2		
180			0.00	0
	0.0%	2		0
			0.00	
	0.0%	2	0.00	0
	0.0%	4	0.00	0
190				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
200				

	0.0%	2	0.00	0
	0.0%	2	0.00	0
210				
220				
	0.0%	2	0.00	0
230				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240				

	0.0%	2	0.00	0
250	0.0%			
260				
280				
		2	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
290				
		2	0.00	0

	0.0%			

Tabela 19: 50 Objetos Pre-Runtime Circle OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.6%	2	0.11	0
		4		
	0.0%		0.00	0
70	0.0%	4		

			0.00	0
	0.0%	2		0
80				
			0.00	
	0.0%	4	0.00	0
		4		
90				
	0.0%		0.00	0
	0.0%	2	0.00	0
		2		0
100				
	0.0%		0.00	
		2		0
	0.0%		0.00	
		2		0

110	0.0%		0.00	
		2		0
	0.0%		0.00	
120		2		0
	0.0%		0.00	
		2	0.00	0
				0
	0.0%			
		2		
				0
130	0.0%		0.00	
	0.0%	2	0.00	
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		0
	0.0%	2		0
			0.00	
140	0.0%	2		0
		2	0.00	
				0

94

		2	0.00	0
	0.0%		0.00	0
			0.00	
	0.0%			
		6	0.00	0
150	0.0%			0
		2	0.00	
	0.0%			0
		2	0.00	
				0
160				
	0.0%			
		4	0.00	
	0.0%			
		2	0.00	0
				0
170	0.0%			
		2	0.00	
				0

180				
190				
	0.0%			
		2	0.00	
	0.0%			0
		2	0.00	
200				
	0.0%			
	0.0%	2	0.00	
210	0.0%	2	0.00	0
				0
	0.0%	2	0.00	
	0.0%			0

220				
		2	0.00	
	0.0%	2		0
			0.00	
	0.0%	2		0
				0
230				
			0.00	
	0.0%	2	0.00	
		2		0
	0.0%		0.00	
240		2		0
				0
	0.0%		0.00	
250		2	0.00	

	0.0%			
		2	0.00	0
260				
270				
	0.0%			
	0.0%	2	0.00	0
	0.0%	2	0.00	0
280				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
		2	0.00	0
290	0.0%			

Tabela 20: 50 Objetos Pre-Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40	0.0%	2	0.01	0
	0.0%	2	0.14	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.1%	12	0.00	0
	0.0%	6	0.00	0
50	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.1%	6	0.00	0
	0.0%	12	0.00	0

	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
60	0.0%	10	0.01	0
	0.0%	10	0.00	0
	0.0%	10	0.01	0
	0.0%	8	0.01	0
	0.0%	8	0.02	0
	0.0%	8	0.01	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.01	0
70	0.1%	8	0.02	0
	0.0%	8	0.05	0
	0.0%	8	0.01	0
	0.1%	12	0.05	0
	0.0%	12	0.00	0
	0.1%	12	0.01	0
	0.1%	12	0.01	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.05	0
80	0.0%	12	0.00	0
	0.0%	12	0.01	0
	0.0%	14	0.01	0
	0.0%	10	0.00	0
	0.0%	20	0.00	0
	0.0%	12	0.01	0
	0.1%	20	0.00	0
	0.0%	12	0.02	0
	0.1%	12	0.01	0

	0.0%	12	0.00	0
90	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	20	0.00	0
	0.2%	14	0.05	0
	0.2%	26	0.00	0
	0.0%	12	0.00	0
		18	0.05	
	0.0%		0.01	0
	0.1%	18	0.00	0
	0.0%	18	0.00	0
100	0.0%	18	0.00	0
	0.0%	18		0
	0.0%	20	0.01	0
	0.0%	28	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.03	0
	0.0%	28	0.00	0
110	0.0%	18	0.01	0
	0.0%	18	0.00	0
	0.0%	28	0.00	0
	0.0%	20	0.00	0
	0.0%	18	0.03	0
	0.0%	20	0.00	0
	0.0%	24	0.00	0
	0.0%	24	0.03	0
	0.0%	28	0.00	0
	0.0%	26	0.01	0
120	0.0%	28	0.01	0
	0.0%	26	0.00	0
	0.1%	28	0.01	0

	0.0%	64	0.01	0
	0.0%	32	0.03	0
	0.1%	34	0.00	0
	0.1%	28	0.01	0
	0.1%	34	0.01	0
	0.0%	28	0.01	0
	0.1%	38	0.02	0
130	0.1%	36	0.03	0
	0.1%	36	0.01	0
	0.0%	36	0.01	0
	0.0%	28	0.01	0
	0.0%	36	0.01	0
	0.0%	34	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	28	0.02	0
	0.0%	28	0.01	0
140	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	32	0.01	0
	0.0%	34	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
		34	0.01	0
	0.1%	32	0.01	
150	0.0%	32	0.01	0
			0.01	
	0.0%	60	0.01	0
	0.0%		0.01	0
	0.3%	30	0.01	0
	0.4%	24	0.01	0
	0.0%	32	0.01	0

	0.1%	30		0
	0.0%	30	0.02	0
	0.1%	30		0
160	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.05	0
	0.1%	24	0.02	0
	0.1%	30	0.03	0
	0.0%	30	0.01	0
	0.0%	24	0.01	0
	0.0%	26	0.01	0
	0.0%	24	0.01	0
	0.0%	26	0.01	0
170		24	0.01	0
	0.0%	24	0.01	
	0.0%	32	0.03	0
	0.2%		0.01	0
		24	0.01	0
	0.0%	24	0.01	0
	0.0%	48	0.01	
	0.0%		0.01	0
	0.0%	24		0
	0.0%	24	0.01	0
180	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	32	0.03	0
	0.0%	24		0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.1%	26	0.01	0
	0.4%	26	0.01	0
	0.1%	28	0.01	0
	0.0%	58	0.01	0
190	0.1%	32	0.01	0

	0.1%	32	0.00	0
	0.0%	32	0.00	0
	0.0%	32	0.01	0
	0.1%	32	0.02	0
	0.0%	32	0.04	0
	0.0%	32	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	32	0.01	0
200	0.0%	32	0.01	0
	0.1%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	30	0.01	0
	0.1%	32	0.01	0
210	0.0%	32	0.01	0
	0.0%	34	0.01	0
	0.0%	30	0.01	0
	0.0%	34	0.01	0
	0.0%	34	0.01	0
	0.1%	36	0.01	0
	0.0%	36	0.01	0
	0.0%	34	0.01	0
	0.2%	32	0.01	0
	0.1%	32	0.01	0
220	0.3%	32	0.01	0
	0.0%	30	0.01	0
	0.3%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0

	0.2%	28	0.01	0
	0.1%	30	0.02	0
	0.1%	28	0.01	0
	0.0%	30	0.02	0
	0.1%	30	0.01	0
230	0.0%	30	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.3%	28	0.01	0
	0.2%	28	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.1%	30	0.01	0
240	0.1%	28	0.01	0
	0.1%	30	0.01	0
	0.1%	30	0.05	0
	0.1%	30	0.03	0
	0.1%	30	0.01	0
	0.1%	32	0.02	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
250	0.4%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.02	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	28	0.01	0
	0.1%	30	0.01	0
	0.0%	28	0.01	0

	0.1%	30	0.02	0
260	0.0%	28	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
270	0.0%	24	0.01	0
	0.0%	28	0.01	0
	0.0%	24	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
280	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.2%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	26	0.01	0
	0.0%	22	0.01	0
	0.1%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
290	0.0%	24	0.02	0
	0.0%	24	0.01	0
	0.0%	26	0.01	0

	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0

Tabela 21: 50 Objetos Pre-Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	1.6%	1	0.28	28400
	1.9%	1	0.31	28400
	1.9%	1	0.29	28400
	1.7%	1	0.29	28400
	1.8%	1	0.29	28400
	1.7%	1	0.28	28400
	1.7%	1	0.28	28400
	0.9%	1	0.28	28400
	1.2%	1	0.29	28400
10	4.9%	1	0.37	28400
	2.2%	1	0.33	28400
	1.8%	1	0.29	28400
	1.7%	1	0.29	28400
	1.6%	1	0.28	28400
	1.6%	1	0.28	28400
	1.9%	1	0.30	28400
	1.7%	1	0.28	28400
	1.7%	1	0.30	28400
	1.7%	1	0.28	28400
20	1.7%	1	0.30	28400
	1.8%	1	0.32	28400
	1.9%	1	0.28	28400
	1.7%	1	0.28	28400

	1.8%	1	0.31	28400
	1.9%	1	0.32	28400
	1.9%	1	0.31	28400
	1.8%	1	0.30	28400
	1.8%	1	0.29	28400
	1.9%	1	0.33	28400
30	1.7%	1	0.28	28400
	1.8%	1	0.29	28400
	1.7%	1	0.30	28400
	1.9%	1	0.28	28400
	1.7%	1	0.32	28400
	1.9%	1	0.28	28400
	1.7%	1	0.28	28400
	1.6%	1	0.29	28400
	1.9%	1	0.30	28400
	1.6%	1	0.29	28400
40	0.9%	1	0.27	28400
	1.3%	1	0.32	28400
	11.0%	1	0.63	28400
	1.7%	1	0.28	28400
	1.8%	1	0.30	28400
	1.8%	1	0.31	28400
	1.7%	1	0.28	28400
	1.7%	1	0.31	28400
	1.5%	1	0.30	28400
	1.8%	1	0.29	28400
50	1.8%	1	0.32	28400
	1.5%	1	0.36	28400
	2.9%	1	0.31	28400
	1.9%	1	0.30	28400
	1.7%	1	0.31	28400
	2.1%	1	0.31	28400
	1.8%	1	0.31	28400
	1.8%	1	0.31	28400

	1.9%	1	0.31	28400
	1.8%	1	0.30	28400
60	1.7%	1	0.30	28400
	1.7%	1	0.29	28400
	1.7%	1	0.28	28400
	1.6%	1	0.29	28400
	1.7%	1	0.29	28400
	1.7%	1	0.28	28400
	1.7%	1	0.28	28400
	1.6%	1	0.30	28400
	1.8%	1	0.30	28400
	1.7%	1	0.31	28400
70	1.8%	1	0.29	28400
	1.7%	1	0.30	28400
	1.0%	1	0.28	28400
	1.5%	1	0.35	28400
	10.8%	2	0.60	56900
	1.7%	1	0.28	28400
	1.7%	1	0.29	28400
	1.7%	1	0.28	28400
	1.8%	1	0.29	28400
	1.7%	1	0.28	28400
80	1.7%	2	0.30	28400
	1.7%	1	0.30	28400
	1.8%	1	0.60	28400
	1.8%	1	0.32	28400
	1.6%	1	0.29	28400
	3.2%	2	0.59	56900
	1.9%	1	0.32	28400
	3.3%	2	0.60	56900
90				
	1.6%	1	0.27	28400

	1.7%	1	0.29	28400
	1.7%	1	0.29	28400
	1.6%	1	0.27	28400
	1.9%	1	0.30	28400
	1.7%	1	0.28	28400
	1.7%	1	0.32	28400
	1.8%	1	0.29	28400
	1.8%	1	0.29	56900
100	1.7%	1	0.33	28400
	1.8%	1	0.31	28400
	1.7%	1	0.28	28400
	1.8%	1	0.30	28400
	0.9%	1	0.28	28400
	2.9%	2	0.64	56900
	4.7%	1	0.33	28400
	1.8%	1	0.29	28400
	1.9%	1	0.31	28400
	1.8%	1	0.30	28400
110	1.8%	1	0.30	28400
	1.6%	1	0.30	28400
	1.6%	1	0.31	28400
	1.9%	1	0.37	28400
	1.9%	1	0.30	28400
	2.1%	1	0.28	28400
	1.8%	1	0.29	28400
	2.0%	1	0.31	28400
	1.6%	1	0.29	28400
	2.0%	1	0.32	28400
120	2.0%	1	0.32	28400
	1.8%	1	0.28	28400
	1.6%	1	0.28	28400
	1.7%	1	0.28	28400
	1.6%	1	0.28	28400
	1.8%	1	0.31	28400

	1.8%	1	0.31	28400
	1.9%	1	0.29	28400
	1.7%	1	0.28	28400
	1.7%	1	0.29	28400
130	1.8%	1	0.35	28400
	1.6%	1	0.29	28400
	1.7%	1	0.28	28400
	1.7%	1	0.29	28400
	1.8%	1	0.29	28400
	1.7%	1	0.28	28400
	1.0%	1	0.30	28400
	2.1%	1	0.45	28400
	5.0%	1	0.35	28400
	2.0%	1	0.31	28400
140	1.8%	1	0.30	28400
	1.9%	1	0.27	28400
	1.6%	1	0.35	28400
	2.1%	1	0.29	28400
	1.7%	1	0.28	28400
	1.7%	1	0.28	28400
	2.1%	1	0.35	28400
	1.9%	1	0.32	28400
	1.9%	1	0.31	28400
	1.9%	1	0.33	28400
150	1.9%	1	0.31	28400
	1.9%	1	0.31	28400
	1.7%	1	0.28	28400
	1.8%	1	0.30	28400
	1.6%	1	0.28	28400
	1.7%	1	0.29	28400
	1.9%	1	0.28	28400
	1.7%	1	0.29	28400
	1.6%	1	0.29	28400
	1.8%	1	0.30	28400

160	1.8%	1	0.77	28400
	1.7%	1	0.28	28400
	1.9%	1	0.31	28400
	1.8%	1	0.30	28400
	1.7%	1	0.30	28400
	1.9%	1	0.33	28400
	1.9%	1	0.30	28400
	1.7%	1	0.28	28400
	1.0%	1	0.30	28400
	2.6%	1	0.64	28400
170	13.0%	1	0.77	28400
	1.9%	1	0.29	28400
	1.8%	1	0.32	28400
	1.9%	1	0.31	28400
	1.8%	1	0.33	28400
	2.0%	1	0.30	28400
	1.9%	1	0.31	28400
	1.9%	1	0.33	28400
	2.0%	1	0.37	28400
	2.0%	1	0.30	28400
180	1.8%	1	0.29	28400
	1.9%	1	0.34	28400
	1.9%	1	0.28	28400
	1.7%	1	0.28	28400
	1.8%	1	0.31	28400
	1.9%	1	0.30	28400
	1.9%	1	0.30	28400
	1.8%	1	0.30	28400
	1.8%	1	0.31	28400
	1.9%	1	0.31	28400
190	1.8%	1	0.56	28400
	1.9%	1	0.30	28400
	1.7%	1	0.29	28400
	1.7%	1	0.30	28400

	1.7%	1	0.28	28400
	1.9%	1	0.32	28400
	1.7%	1	0.28	28400
	1.6%	1	0.27	28400
	1.9%	1	0.30	28400
	1.6%	1	0.28	28400
200	1.0%	1	0.29	28400
	1.8%	1	0.31	28400
	1.2%	2	0.56	56900
	8.5%	1	0.31	28400
	1.8%	1	0.29	28400
	1.7%	1	0.64	28400
	1.7%	1	0.29	28400
	2.1%	1	0.36	28400
	1.7%	1	0.29	28400
	2.0%	1	0.31	28400
210	1.8%	1	0.30	28400
	1.8%	1	0.31	28400
	2.0%	1	0.32	28400
	1.8%	1	0.32	28400
	1.8%	1	0.29	28400
	1.6%	1	0.28	28400
	1.0%	1	0.30	28400
	1.9%			
		1	0.32	28400
	1.8%	1	0.64	56900
220	3.4%	2		28400
			0.35	
	2.1%	1	0.30	28400
	2.1%	1	0.37	28400
	1.8%	1	0.33	28400
	1.9%	1	0.29	28400
	1.8%	1	0.32	28400
	3.0%	1	0.47	28400

	2.5%	1	0.44	28400
	2.2%	1	0.31	28400
230	1.3%	1	0.29	28400
	2.6%	1	0.30	28400
	1.0%	1	0.30	28400
	1.7%	2	0.98	56900
	4.4%	1	0.30	28400
	4.0%	1	0.33	28400
	1.9%	1	0.30	28400
	2.0%	1	0.32	28400
	1.7%	1	0.28	28400
	1.9%	1	0.31	28400
240	1.7%	1	0.28	28400
	1.5%	1	0.29	28400
	2.0%	1	0.31	28400
	1.7%	1	0.27	28400
	1.7%	1	0.29	28400
	2.0%	1	0.32	28400
	1.7%	1	0.28	28400
	1.8%	1	0.31	28400
	1.2%	1	0.30	28400
	1.7%	1	0.30	28400
250	1.9%	1	0.31	28400
	1.9%	1	0.34	28400
	2.1%	1	0.31	28400
	1.7%	1	0.32	28400
	2.1%	1	0.31	28400
	1.8%	1	0.28	28400
	1.6%	1	0.28	28400
	1.8%	1	0.30	28400
	1.6%	1	0.28	28400
	1.7%	1	0.29	28400
260	1.7%	1	0.29	28400
	1.8%	1	0.28	28400

	1.7%	1	0.29	28400
	1.9%	1	0.30	28400
	1.7%	1	0.31	28400
	1.2%	1	0.36	28400
	1.5%	1	0.43	28400
	5.4%	1	0.30	28400
	1.9%	1	0.30	28400
	1.9%	1	0.31	28400
270	2.0%	1	0.31	28400
	1.6%	1	0.28	28400
	1.7%	1	0.28	28400
	1.7%	1	0.29	28400
	1.7%	1	0.28	28400
	2.0%	1	0.33	28400
	1.9%	1	0.33	28400
	2.0%	1	0.32	28400
	1.0%	1	0.32	28400
	1.8%	1	0.32	28400
280	2.0%	2	0.34	28400
	1.9%	1	0.33	28400
	2.1%	1	0.31	28400
	1.9%	1	0.31	28400
	1.8%	1	0.31	28400
	1.8%	1	0.30	28400
	2.0%	1	0.34	28400
	1.7%	1	0.28	28400
	1.6%	1	0.27	28400
	2.0%	1	0.33	28400
290	1.6%	1	0.28	28400
	1.8%	1	0.30	28400
	1.6%	1	0.29	28400
	1.8%	1	0.29	28400
	1.7%	1	0.30	28400
	2.0%	1	0.30	28400

	1.7%	1	0.30	28400
	1.0%	1	0.31	28400
	1.1%	1	0.30	28400

A.1.4 CEM OBJETOS

Tabela 22: 100 Objetos Pre-Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.0%	8	0.00	0
	0.0%	2	0.00	0
70	0.0%	2	0.00	0
	0.0%			
		4	0.00	0
	0.0%	4	0.00	0

	0.0%	4		0
			0.00	
	0.0%	4	0.00	0
	0.0%	4	0.00	0
80				
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.01	0
	0.0%	6	0.00	0
90	0.0%	2	0.00	0
	0.0%			
		12	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
100	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	16	0.00	0
	0.0%	16	0.00	0

	0.0%	12	0.00	0
	0.0%	18	0.00	0
110	0.0%	10	0.00	0
	0.0%	8	0.01	0
	0.0%	10	0.01	0
	0.0%	16	0.01	0
	0.0%	18	0.01	0
	0.0%	16	0.00	0
	0.0%	16	0.00	0
	0.0%	18	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
120	0.0%	20	0.00	0
	0.0%	18	0.00	0
	0.0%	12	0.00	0
	0.0%	28	0.02	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	16	0.00	0
	0.0%	12	0.00	0
	0.0%	18	0.00	0
130	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
140	0.0%	12	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.01	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
150	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.01	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
160	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
170	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0

	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
180	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%			
		2	0.00	0
190	0.0%	4	0.01	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
200	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0

210	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.01	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.1%	14	0.03	0
220	0.0%	18	0.01	0
	0.1%	14	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
230	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%			
		6	0.00	0
	0.0%	6	0.00	0
240	0.0%	2		
			0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0

	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.01	0
	0.0%	6	0.00	0
250	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
260	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.01	0
	0.0%	4	0.00	0
270	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
280				
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
290	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0

Tabela 23: 100 Objetos Pre-Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
60				
	0.5%	2	0.09	0
				0
70				
	0.0%	4	0.00	
	0.0%		0.00	0
80		8		
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
				0
		2	0.00	
	0.0%		0.00	0
90	0.0%	2	0.00	0
	0.0%	2		

	0.0%	2	0.00	0
	0.0%	6	0.00	0
			0.00	0
				0
	0.0%	6		
	0.0%	8	0.00	
	0.0%	4	0.00	0
100	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%			
		8	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
110	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.01	0
	0.0%	8	0.00	0
	0.0%	16	0.01	0
	0.0%	16	0.00	0
	0.0%	8	0.00	0
	0.0%	24	0.00	0
	0.0%	10	0.02	0
	0.0%	10	0.01	0
120	0.0%	22	0.00	0
	0.0%	10	0.00	0
	0.0%	18	0.00	0
	0.0%	10	0.00	0
	0.1%	20	0.00	0
	0.0%	6	0.00	0

	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
130	0.0%	16	0.00	0
	0.0%	18	0.00	0
	0.0%	18	0.00	0
	0.0%	18	0.00	0
	0.1%	14	0.01	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
140				0
	0.0%	10	0.00	
	0.0%	12	0.00	0
	0.0%	18	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
150	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	22	0.00	0
	0.0%	6	0.00	0
	0.0%	18	0.00	0
	0.0%	22	0.01	0
	0.1%	2	0.01	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0

160			0.00	0
		2		
	0.0%		0.00	0
	0.0%	14		
			0.00	0
	0.0%	6	0.00	0
	0.0%	16		
	0.0%	4	0.00	0
	0.0%	10	0.00	0
170	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
180	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.01	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
190	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	
			0.00	0
200	0.0%	8		0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.1%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
210	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.01	0
	0.0%	8	0.00	0
	0.0%	4	0.01	0
	0.0%	8	0.00	0
	0.0%	10	0.03	0
	0.0%	10	0.01	0
	0.0%	20	0.02	0
220	0.1%	18	0.00	0
	0.2%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.01	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0

	0.0%	6	0.00	0
	0.0%	4	0.00	0
230	0.0%	6	0.00	0
	0.0%	6		0
	0.0%	4		0
	0.0%	6	0.00	
	0.0%			
	0.0%		0.00	0
		6	0.00	0
			0.00	0
	0.0%	4	0.00	
		12	0.00	0
240	0.0%	8	0.00	0
	0.0%	6	0.01	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.01	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
250	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
260	0.0%	2	0.00	0
	0.0%	6	0.00	0

	0.0%	4		0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6		0
	0.0%		0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%		0.00	0
270	0.0%	4		
		4	0.00	0
	0.0%	6	0.00	
		10	0.00	0
	0.0%	6		0
	0.0%		0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	
	0.0%		0.00	0
		6	0.00	0
280	0.0%	6	0.00	0
	0.0%	2	0.00	
		2	0.00	0
	0.0%	2		0
	0.0%	2	0.00	0
	0.0%	6		0
	0.0%		0.00	0
	0.0%	4		0
	0.0%			0
	0.0%	2	0.00	0
290	0.0%	2	0.00	
	0.0%			0
	0.0%		0.00	
		4	0.00	0
			0.00	0
	0.0%	8	0.00	0

	0.0%	4	0.00	
		6	0.00	

Tabela 24: 100 Objetos Pre-Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	124	0.04	0
	0.1%	24	0.01	0
	0.2%	124	0.01	0
	0.2%	8	0.00	0
	0.0%	8		
	0.0%			0
		8	0.00	
	0.0%	4	0.00	0
10	0.0%	4	0.00	0
			0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.07	0
	0.0%	4	0.07	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
20	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0

	0.0%	4	0.00	0
	0.0%	4	0.00	0
30	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
40	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
50	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
60	0.0%	4	0.00	0
	0.0%	4	0.00	0

	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
70	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	24	0.00	0
80	0.0%	18	0.00	0
	0.0%	18	0.01	0
	0.0%	22	0.01	0
	0.0%	24	0.00	0
	0.0%	26	0.01	0
	0.0%	26	0.01	0
	0.0%	18	0.00	0
	0.0%	20	0.00	0
	0.0%	24	0.01	0
	0.0%	28	0.01	0
90	0.0%	32	0.01	0
	0.1%	40	0.01	0
	0.1%	44	0.02	0
	0.1%	54	0.02	0
	0.1%	60	0.03	0
	0.1%	68	0.09	0

	0.1%	60	0.05	0
	0.3%	58	0.04	0
	0.6%	68	0.03	0
	0.1%	56	0.03	0
100	0.2%	50	0.04	0
	0.1%	62	0.03	0
	0.1%	66	0.03	0
	0.2%	68	0.04	0
	0.2%	68	0.03	0
	0.2%	70	0.03	0
	0.2%	74	0.04	0
	0.2%	82	0.04	0
	0.3%	90	0.05	0
	0.2%	104	0.04	0
110	0.2%	104	0.04	0
	0.3%	106	0.04	0
	0.3%	120	0.05	0
	0.2%	162	0.05	0
	0.3%	162	0.06	0
	0.3%	130	0.09	0
	0.5%	134	0.09	0
	0.4%	146	0.09	0
	0.3%	152	0.06	0
	1.1%	160	0.19	0
120	0.5%	162	0.09	0
	0.5%	162	0.09	0
	0.5%	170	0.09	0
	0.5%	164	0.08	0
	0.4%	166	0.08	0
	0.5%	176	0.07	0
	0.4%	176	0.09	0
	0.3%	220	0.26	0
	0.5%	178	0.10	0
	1.1%	186	0.10	0

130	1.4%	220	0.08	0
	0.5%	192	0.09	0
	0.5%	196	0.10	0
	0.6%	204	0.10	0
	0.5%	210	0.09	0
	0.6%	224	0.10	0
	0.6%	220	0.09	0
	0.5%	214	0.09	0
	0.6%	208	0.10	0
	0.5%	202	0.09	0
140	0.6%	192	0.09	0
	0.6%	188	0.11	0
	0.6%	192	0.09	0
	0.6%	170	0.09	0
	0.5%	188	0.08	0
	0.5%	188	0.07	0
	0.6%	190	0.12	0
	0.6%	182	0.08	0
	0.5%	170	0.09	0
	0.5%	172	0.08	0
150	0.6%	172	0.07	0
	0.5%	176	0.08	0
	0.4%	170	0.07	0
	0.4%	172	0.07	0
	0.4%	164	0.07	0
	0.4%	158	0.08	0
	0.4%	160	0.06	0
	1.5%	184	0.29	0
	0.6%	172	0.10	0
	0.3%	174	0.17	0
160	0.5%	166	0.12	0
	1.6%	314	0.14	0
	0.4%	154	0.06	0
	0.4%	154	0.07	0

	0.4%	184	0.08	0
	0.4%	152		
			0.07	0
	0.4%	162	0.10	0
	0.6%	172	0.17	0
	0.5%	184	0.09	0
170	0.5%	174	0.09	0
	0.9%	340	0.17	
	0.4%			0
		172	0.10	0
	0.5%	156	0.07	0
	0.4%	146	0.08	0
	0.4%	156	0.07	0
	0.4%	150	0.06	0
	0.4%	154	0.08	0
	0.4%	148	0.06	0
180	0.4%	150	0.06	0
	0.4%	156	0.07	0
	0.4%	152	0.07	0
	0.4%	142	0.07	0
	0.4%	146	0.07	0
	0.4%	144	0.07	0
	0.5%	146	0.06	0
	0.4%	150	0.07	0
	0.3%	150	0.06	0
	0.4%	148	0.06	0
190	0.3%	148	0.06	0
	0.3%	138	0.05	0
	1.3%	132	0.07	0
	1.5%	142	0.25	0
	0.4%	138	0.06	0
	0.3%	136	0.06	0
	0.3%	140	0.06	0
	0.4%	142	0.06	0

	0.3%	144	0.06	0
	0.3%	146	0.06	0
200	0.3%	152	0.06	0
	0.4%	148	0.07	0
	0.4%	148	0.07	0
	0.3%	144	0.07	0
	0.4%	134	0.07	0
	0.4%	148	0.05	0
	0.3%	148	0.06	0
	0.4%	150	0.07	0
	0.2%	150	0.11	0
	1.0%	142	0.06	0
210	0.3%	140	0.06	0
	1.6%	142	0.07	0
	0.4%	232	0.06	0
	0.3%	138	0.07	0
	0.4%	138	0.06	0
	0.3%	134	0.06	0
	0.3%	134	0.06	0
	0.3%	134	0.06	0
	0.3%	134	0.08	0
	0.4%	134	0.05	0
220	0.4%	134	0.05	0
	0.3%	136	0.07	0
	0.4%	136	0.05	0
	1.0%	128	0.07	0
	0.4%	120	0.07	0
	0.5%	108	0.05	0
	0.1%	232	0.36	0
	1.6%	232	0.14	0
	1.6%	110	0.07	0
	1.8%	120	0.07	0
230	0.4%	122	0.05	0
	0.3%	118	0.06	0

	0.3%	112	0.06	0
	0.3%	110	0.06	0
	0.3%	128	0.06	0
	0.3%	116	0.07	0
	0.4%	112	0.07	
	0.4%	122	0.05	0
	0.4%	124	0.09	
	0.5%	126	0.06	0
240	0.4%	130	0.08	0
	0.5%		0.06	0
	0.4%	266		0
			0.12	0
	0.6%	140		0
		128	0.06	0
	0.3%	126	0.06	0
	0.4%	126	0.07	0
	0.4%	118	0.06	0
	0.3%	124	0.04	0
250	0.2%	124	0.06	0
	0.3%	128	0.05	0
	0.3%	126	0.07	0
	0.3%	126	0.05	0
	0.4%	124	0.23	0
	0.3%	130	0.05	0
	0.3%	124	0.06	0
	0.4%	126	0.06	0
	0.3%	250	0.05	0
	0.1%	124	0.28	0
260	1.2%	124	0.06	0
	0.7%	122	0.07	0
	0.5%	120	0.07	0
	0.4%	122	0.07	0
	0.4%	120	0.07	0
	0.4%	124	0.06	0

	0.3%	122	0.09	0
	0.3%	128	0.06	0
	0.5%	130	0.06	0
	0.3%	124	0.06	0
270	0.4%	120	0.05	0
	0.3%	120	0.05	0
	0.3%	112	0.06	0
	0.4%	116	0.05	0
	0.3%	128	0.05	0
	0.3%	130	0.05	0
	0.3%	130	0.05	0
	0.3%	130	0.05	0
	0.3%	130	0.06	0
	0.3%	126	0.06	0
280	0.4%	124	0.05	0
	0.6%	130	0.05	0
	0.3%	126	0.06	0
	0.3%	128	0.05	0
	0.3%	130	0.06	0
	0.3%	134	0.05	0
	0.3%	130	0.23	0
	1.1%	128	0.07	0
	0.5%	122	0.05	0
	0.3%	122	0.05	0
290	0.3%	126	0.07	0
	0.2%	124	0.25	0
	1.1%	120	0.11	0
	1.3%	122	0.05	0
	0.3%	124	0.16	0
	0.9%	122	0.10	0
	0.6%	122	0.06	0
	0.4%	122	0.05	0

Tabela 25: 100 Objetos Pre-Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	124	0.04	0
	0.1%	24	0.01	0
	0.2%	124	0.01	0
	0.2%	8	0.00	0
	0.0%	8		
	0.0%			0
		8	0.00	
	0.0%	4	0.00	0
10	0.0%	4	0.00	0
			0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.07	0
	0.0%	4	0.07	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
20	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
30	0.0%	4	0.00	0
	0.0%	4	0.00	0

	0.0%	8	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
40	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
50	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
60	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0

	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
70	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	24	0.00	0
80	0.0%	18	0.00	0
	0.0%	18	0.01	0
	0.0%	22	0.01	0
	0.0%	24	0.00	0
	0.0%	26	0.01	0
	0.0%	26	0.01	0
	0.0%	18	0.00	0
	0.0%	20	0.00	0
	0.0%	24	0.01	0
	0.0%	28	0.01	0
90	0.0%	32	0.01	0
	0.1%	40	0.01	0
	0.1%	44	0.02	0
	0.1%	54	0.02	0
	0.1%	60	0.03	0
	0.1%	68	0.09	0
	0.1%	60	0.05	0
	0.3%	58	0.04	0
	0.6%	68	0.03	0
	0.1%	56	0.03	0

100	0.2%	50	0.04	0
	0.1%	62	0.03	0
	0.1%	66	0.03	0
	0.2%	68	0.04	0
	0.2%	68	0.03	0
	0.2%	70	0.03	0
	0.2%	74	0.04	0
	0.2%	82	0.04	0
	0.3%	90	0.05	0
	0.2%	104	0.04	0
110	0.2%	104	0.04	0
	0.3%	106	0.04	0
	0.3%	120	0.05	0
	0.2%	162	0.05	0
	0.3%	162	0.06	0
	0.3%	130	0.09	0
	0.5%	134	0.09	0
	0.4%	146	0.09	0
	0.3%	152	0.06	0
	1.1%	160	0.19	0
120	0.5%	162	0.09	0
	0.5%	162	0.09	0
	0.5%	170	0.09	0
	0.5%	164	0.08	0
	0.4%	166	0.08	0
	0.5%	176	0.07	0
	0.4%	176	0.09	0
	0.3%	220	0.26	0
	0.5%	178	0.10	0
	1.1%	186	0.10	0
130	1.4%	220	0.08	0
	0.5%	192	0.09	0
	0.5%	196	0.10	0
	0.6%	204	0.10	0

	0.5%	210	0.09	0
	0.6%	224	0.10	0
	0.6%	220	0.09	0
	0.5%	214	0.09	0
	0.6%	208	0.10	0
	0.5%	202	0.09	0
140	0.6%	192	0.09	0
	0.6%	188	0.11	0
	0.6%	192	0.09	0
	0.6%	170	0.09	0
	0.5%	188	0.08	0
	0.5%	188	0.07	0
	0.6%	190	0.12	0
	0.6%	182	0.08	0
	0.5%	170	0.09	0
	0.5%	172	0.08	0
150	0.6%	172	0.07	0
	0.5%	176	0.08	0
	0.4%	170	0.07	0
	0.4%	172	0.07	0
	0.4%	164	0.07	0
	0.4%	158	0.08	0
	0.4%	160	0.06	0
	1.5%	184	0.29	0
	0.6%	172	0.10	0
	0.3%	174	0.17	0
160	0.5%	166	0.12	0
	1.6%	314	0.14	0
	0.4%	154	0.06	0
	0.4%	154	0.07	0
	0.4%	184	0.08	0
	0.4%	152		
			0.07	0
	0.4%	162	0.10	0

	0.6%	172	0.17	0
	0.5%	184	0.09	0
170	0.5%	174	0.09	0
	0.9%	340	0.17	
	0.4%			0
		172	0.10	0
	0.5%	156	0.07	0
	0.4%	146	0.08	0
	0.4%	156	0.07	0
	0.4%	150	0.06	0
	0.4%	154	0.08	0
	0.4%	148	0.06	0
180	0.4%	150	0.06	0
	0.4%	156	0.07	0
	0.4%	152	0.07	0
	0.4%	142	0.07	0
	0.4%	146	0.07	0
	0.4%	144	0.07	0
	0.5%	146	0.06	0
	0.4%	150	0.07	0
	0.3%	150	0.06	0
	0.4%	148	0.06	0
190	0.3%	148	0.06	0
	0.3%	138	0.05	0
	1.3%	132	0.07	0
	1.5%	142	0.25	0
	0.4%	138	0.06	0
	0.3%	136	0.06	0
	0.3%	140	0.06	0
	0.4%	142	0.06	0
	0.3%	144	0.06	0
	0.3%	146	0.06	0
200	0.3%	152	0.06	0
	0.4%	148	0.07	0

	0.4%	148	0.07	0
	0.3%	144	0.07	0
	0.4%	134	0.07	0
	0.4%	148	0.05	0
	0.3%	148	0.06	0
	0.4%	150	0.07	0
	0.2%	150	0.11	0
	1.0%	142	0.06	0
210	0.3%	140	0.06	0
	1.6%	142	0.07	0
	0.4%	232	0.06	0
	0.3%	138	0.07	0
	0.4%	138	0.06	0
	0.3%	134	0.06	0
	0.3%	134	0.06	0
	0.3%	134	0.06	0
	0.3%	134	0.08	0
	0.4%	134	0.05	0
220	0.4%	134	0.05	0
	0.3%	136	0.07	0
	0.4%	136	0.05	0
	1.0%	128	0.07	0
	0.4%	120	0.07	0
	0.5%	108	0.05	0
	0.1%	232	0.36	0
	1.6%	232	0.14	0
	1.6%	110	0.07	0
	1.8%	120	0.07	0
230	0.4%	122	0.05	0
	0.3%	118	0.06	0
	0.3%	112	0.06	0
	0.3%	110	0.06	0
	0.3%	128	0.06	0
	0.3%	116	0.07	0

	0.4%	112	0.07	
	0.4%	122	0.05	0
	0.4%	124	0.09	
	0.5%	126	0.06	0
240	0.4%	130	0.08	0
	0.5%		0.06	0
	0.4%	266		0
			0.12	0
	0.6%	140		0
		128	0.06	0
	0.3%	126	0.06	0
	0.4%	126	0.07	0
	0.4%	118	0.06	0
	0.3%	124	0.04	0
250	0.2%	124	0.06	0
	0.3%	128	0.05	0
	0.3%	126	0.07	0
	0.3%	126	0.05	0
	0.4%	124	0.23	0
	0.3%	130	0.05	0
	0.3%	124	0.06	0
	0.4%	126	0.06	0
	0.3%	250	0.05	0
	0.1%	124	0.28	0
260	1.2%	124	0.06	0
	0.7%	122	0.07	0
	0.5%	120	0.07	0
	0.4%	122	0.07	0
	0.4%	120	0.07	0
	0.4%	124	0.06	0
	0.3%	122	0.09	0
	0.3%	128	0.06	0
	0.5%	130	0.06	0
	0.3%	124	0.06	0

270	0.4%	120	0.05	0
	0.3%	120	0.05	0
	0.3%	112	0.06	0
	0.4%	116	0.05	0
	0.3%	128	0.05	0
	0.3%	130	0.05	0
	0.3%	130	0.05	0
	0.3%	130	0.05	0
	0.3%	130	0.06	0
	0.3%	126	0.06	0
280	0.4%	124	0.05	0
	0.6%	130	0.05	0
	0.3%	126	0.06	0
	0.3%	128	0.05	0
	0.3%	130	0.06	0
	0.3%	134	0.05	0
	0.3%	130	0.23	0
	1.1%	128	0.07	0
	0.5%	122	0.05	0
	0.3%	122	0.05	0
290	0.3%	126	0.07	0
	0.2%	124	0.25	0
	1.1%	120	0.11	0
	1.3%	122	0.05	0
	0.3%	124	0.16	0
	0.9%	122	0.10	0
	0.6%	122	0.06	0
	0.4%	122	0.05	0

Tabela 26: 100 Objetos Pre-Runtime Circle OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
60				
		2	0.11	0
	0.0%			
	0.0%		0.00	0
70				
80		4		
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

				0
				0
90				
	0.0%	2	0.00	
			0.00	
100				0
		4		
			0.00	
	0.0%			0
		2		
				0
110				
	0.0%			
		4	0.00	
				0

		151		
120				
140	0.0%			
			0.00	
				0
				0
	0.0%	2		
	0.0%	2	0.00	
				0
150				
	0.0%	2	0.00	
				0
160				
	0.0%	2	0.00	
				0

170				
190				
	0.0%	2	0.00	
	0.0%	4	0.00	
	0.0%			
				0
200		4	0.00	
	0.0%			
		2	0.00	0
	0.0%	2		
			0.00	
	0.0%	2		0
				0
210				
			0.00	
	0.0%		0.00	
220				0

230				
		2		
	0.0%	2	0.00	
	0.0%		0.00	0
		2		0
	0.0%		0.00	
				0
240				
260		2		
	0.0%		0.00	
				0
270				
290				

Tabela 27: 100 Objetos Pre-Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40	0.6%	2	0.11	0
	0.0%	2	0.00	0
	0.0%	6	0.01	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.2%	6	0.00	0
	0.0%	6	0.00	0
	0.2%	2	0.00	0
50	0.2%	2	0.01	0
	0.2%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.1%	6	0.00	0
	0.1%	6	0.01	0
	0.1%	6	0.01	0
	0.0%	6	0.00	0
	0.1%	6	0.00	0
	0.2%	6	0.00	0

60	0.0%	6	0.00	0
	0.0%	14	0.02	0
	0.0%	14	0.01	0
	0.2%	14	0.01	0
	0.0%	10	0.00	0
	0.1%	10	0.00	0
	0.0%	14	0.01	0
	0.0%	8	0.01	0
	0.0%	8	0.01	0
	0.0%	8	0.00	0
70	0.0%	14	0.01	0
	0.0%	14	0.01	0
	0.1%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	14	0.01	0
	0.0%	32	0.01	0
	0.0%	10	0.00	0
	0.0%	32	0.00	0
	0.0%	10	0.00	0
	0.1%	32	0.00	0
80	0.0%	14	0.00	0
	0.1%	14	0.00	0
	0.0%	14	0.00	0
	0.1%	14	0.01	0
	0.0%	16	0.03	0
	0.0%	12	0.02	0
	0.0%	12	0.01	0
	0.0%	14	0.01	0
	0.0%	12	0.01	0
	0.0%	12	0.01	0
90	0.0%	12	0.01	0
	0.0%	22	0.01	0
	0.0%	12	0.01	0
	0.0%	12	0.01	0

	0.0%	14	0.01	0
	0.0%	14	0.02	0
	0.0%	22	0.01	0
	0.0%	16	0.01	0
	0.0%	16	0.01	0
	0.0%	16	0.02	0
100	0.0%	22	0.02	0
	0.0%	16	0.05	0
	0.0%	22	0.02	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.1%	22	0.01	0
	0.0%	24	0.01	0
	0.0%	30	0.01	0
	0.1%	22	0.04	0
	0.0%	30	0.02	0
110	0.0%	22	0.01	0
	0.1%	24	0.01	0
	0.0%	20	0.04	0
	0.0%	20	0.01	0
	0.1%	20	0.01	0
	0.0%	20	0.03	0
	0.0%	30	0.02	0
	0.0%	20	0.02	0
	0.0%	30	0.04	0
	0.1%	30	0.02	0
120	0.1%	30	0.02	0
	0.0%	26	0.04	0
	0.0%	36	0.02	0
	0.0%	28	0.02	0
	0.1%	36	0.02	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0

	0.0%	30	0.04	0
	0.3%	30	0.01	0
130	0.1%	30	0.01	0
	0.3%	30	0.01	0
	0.1%	36	0.02	0
	0.1%	30	0.07	0
	0.0%	34	0.01	0
	0.0%	34	0.01	0
	0.0%	36	0.02	0
	0.0%	36	0.04	0
	0.0%	36	0.04	0
	0.0%	36	0.01	0
140	0.3%	36	0.01	0
	0.0%	38	0.01	0
	0.1%	38	0.01	0
	0.1%	38		0
	0.0%	38	0.01	0
	0.3%	36	0.01	0
	0.2%	38	0.02	0
	0.3%	38	0.01	0
	0.1%	38	0.04	0
	0.1%	38		0
150	0.1%	38	0.02	0
	0.1%	36	0.01	0
	0.1%	36	0.01	0
	0.0%	36	0.01	0
	0.1%	36	0.01	0
	0.2%	36	0.01	0
	0.1%	34	0.01	0
	0.1%	32	0.01	0
	0.1%	32	0.01	0
	0.1%	32	0.01	0
160	0.1%	32	0.01	0
	0.1%	68	0.01	0

	0.1%	32	0.01	0
	0.1%	32	0.01	0
	0.1%		0.01	0
	0.1%	32	0.01	0
	0.1%	34	0.01	0
	0.1%	36	0.01	0
	0.1%	72	0.01	0
	0.1%		0.04	0
170	0.1%	36	0.03	0
	0.1%	36	0.01	0
	0.1%	26	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.4%	34	0.01	0
	0.1%	26	0.01	0
	0.1%	34	0.02	0
180	0.1%	34	0.01	0
	0.1%	34	0.02	0
	0.3%	34	0.01	
	0.4%	26	0.01	0
	0.0%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	28	0.01	0
	0.4%	34	0.01	0
	0.1%	34	0.01	0
	0.4%	34	0.01	
190	0.1%	68	0.01	0
		34	0.01	0
	0.0%	34	0.01	0
	0.0%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	28	0.01	0

	0.2%	34	0.01	0
		34	0.07	0
	0.1%	28	0.01	0
	0.1%	34	0.01	0
200	0.0%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.06	0
	0.1%	32	0.03	0
	0.0%	28	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
210	0.0%	28	0.01	0
	0.1%	28	0.02	0
	0.1%	26	0.03	0
	0.1%	28	0.01	0
	0.1%	28	0.01	0
	0.1%	28	0.01	0
	0.0%	28		0
	0.0%	26	0.02	0
	0.2%	26		0
	0.4%	26	0.01	0
220	0.1%	52	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.0%	30	0.01	0
	0.1%	30	0.01	0
	0.0%	30	0.01	0
	0.1%	28	0.01	0
	0.1%	28	0.01	0
	0.1%	28	0.01	0

230	0.1%	28	0.04	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.2%		0.01	0
	0.1%	56	0.01	0
	0.0%		0.01	0
	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	0
240	0.0%	30	0.01	0
	0.0%	28	0.01	0
	0.0%	26	0.01	0
	0.0%	26	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.3%	24	0.01	0
	0.1%	30	0.01	0
	0.0%	48	0.01	0
	0.1%	24	0.01	0
250	0.0%	24	0.01	0
	0.3%	24	0.01	0
	0.1%	24	0.01	0
	0.4%	26	0.01	0
	0.0%	26	0.01	0
	0.0%	30	0.01	0
	0.0%	32	0.05	0
	0.1%	32	0.01	0
	0.1%	32	0.01	0
	0.0%	32	0.01	
260	0.0%	32	0.01	0
	0.1%	30	0.05	
	0.1%	32	0.04	0
	0.2%	32	0.02	0

	0.0%	32	0.04	0
	0.1%	32	0.01	0
		32	0.01	0
	0.1%	32	0.01	0
		32	0.01	0
	0.0%	30	0.01	0
270	0.0%	32	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.03	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
280	0.0%	30	0.01	0
	0.1%	30	0.01	0
	0.1%	30	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0
	0.1%	30		0
	0.0%	30		0
	0.0%	30		0
	0.1%	30		0
	0.1%	30		0
290	0.1%	30		0
	0.1%	30		0
	0.0%	30		0
	0.1%	30		0
	0.0%	30		0
	0.0%	30		0
	0.0%	30		0
	0.0%	30		0

Tabela 28: 100 Objetos Pre-Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	3.5%	6	1.59	85300
	4.6%	2	0.87	28400
	10.5%	2	0.92	28400
	2.7%	1	0.36	14200
	4.5%	2	0.79	28400
	2.2%	1	0.37	14200
10	2.2%	1	0.39	14200
	3.1%	1	0.49	14200
	2.0%	1	0.33	14200
	2.1%	1	0.35	14200
	1.9%	1	0.32	14200
	2.7%	1	0.42	14200
	1.9%	1	0.32	14200
	1.9%	1	0.32	14200
	2.0%	1	0.34	14200
	2.6%	1	0.45	14200
20	1.9%	1	0.31	14200
	1.9%	1	0.31	14200
	2.0%	1	0.34	14200
	2.9%	1	0.46	14200
	2.0%	1	0.34	14200
	2.1%	1	0.34	14200
	2.0%	1	0.34	14200
	2.8%	1	0.45	14200
	1.7%	1	0.33	14200
	1.1%	1	0.33	14200
30	4.2%	2	0.90	28400
	7.6%	1	0.41	14200

	2.7%	1	0.48	14200
	2.4%	1	0.39	14200
	2.2%	1	0.37	14200
	3.0%	1	0.50	14200
	2.2%	1	0.39	14200
	2.4%	1	0.40	14200
	3.1%	1	0.51	14200
	3.1%	1	0.50	14300
40	3.0%	1	0.50	14200
	3.0%	1	0.50	14200
	2.4%	1	0.40	14200
	2.3%	1	0.36	14200
	2.8%	1	0.47	14200
	2.0%	1	0.35	14200
	2.0%	1	0.34	14200
	2.9%	1	0.47	14300
	2.1%	1	0.37	14200
	2.1%	1	0.35	14200
50	2.9%	1	0.47	14200
	2.1%	1	0.35	14200
	2.0%	1	0.35	14200
	3.0%	1	0.47	14200
	2.0%	1	0.34	14200
	2.1%	1	0.36	14200
	2.6%	1	0.48	14200
	2.4%	1	0.35	14200
	2.1%	1	0.37	14300
	1.6%	1	0.47	14200
60	2.9%	1	0.62	14200
	5.9%	1	0.48	14200
	3.5%	1	0.55	14200
	3.6%	1	0.58	14200
	2.5%	1	0.43	14200
	3.5%	1	0.59	14300

	2.4%	1	0.39	14200
	2.9%	1	0.51	42700
	4.1%	1	0.70	42700
	3.4%	1	0.51	42700
70	2.9%	1	0.50	49800
	3.4%	1	0.60	49800
	2.8%	1	0.44	49800
	2.7%	1	0.44	64000
	3.4%	1	0.54	64000
	2.6%	1	0.45	78200
	2.8%	1	0.47	78200
	3.5%	1	0.58	92400
	3.1%	1	0.52	92400
	2.9%	1	0.47	92400
80	3.6%	1	0.61	106600
	2.9%	1	0.49	92400
	3.0%	1	0.49	99500
	3.4%	1	0.59	120900
	3.0%	1	0.50	128000
	3.4%	1	0.56	149300
	4.2%	1	0.66	163500
	3.3%	1	0.63	199100
	4.2%	1	0.63	220400
	2.7%	1	0.75	220400
90	5.4%	1	1.28	220400
	12.4%	1	0.92	213300
	7.5%	1	1.26	206200
	5.2%	1	0.76	241800
	4.1%	1	0.73	234600
	5.1%	1	0.84	241700
	5.1%	1	0.81	263000
	4.9%	1	0.84	298600
	6.0%	1	0.94	305700
	4.8%	1	0.82	319900

100	4.7%	1	0.79	348400
	5.4%	1	0.88	383900
	5.2%	1	0.88	398100
	5.4%	1	0.90	433700
	5.7%	1	1.00	462100
	8.4%	1	1.30	490500
	5.6%	1	0.99	500000
	8.2%	1	1.38	600000
	8.6%	1	1.37	600000
	7.9%	1	1.31	600000
110	7.5%	1	1.32	600000
	11.3%	1	1.87	600000
	8.6%	1	1.41	700000
	8.5%	1	1.47	700000
	7.6%	1	1.19	700000
	7.4%	1	1.25	700000
	7.4%	1	1.19	600000
	7.1%	1	1.16	700000
	7.1%	1	1.22	700000
	4.3%	1	1.17	700000
120	14.7%	1	3.50	700000
	28.8%	1	2.07	800000
	7.4%	1	1.18	700000
	7.1%	1	1.20	800000
	7.7%	1	1.27	800000
	8.2%	1	1.31	800000
	7.4%	1	1.31	800000
	8.5%	1	1.33	800000
	7.6%	1	1.34	800000
	9.3%	1	1.50	800000
130	8.6%	1	1.46	800000
	8.7%	1	1.39	800000
	8.1%	1	1.46	700000
	8.5%	1	1.30	700000

	8.3%	1	1.39	700000
	8.2%	1	1.32	700000
	7.5%	1	1.30	700000
	8.2%	1	1.30	700000
	8.3%	1	1.41	700000
	7.1%	1	1.13	700000
140	6.6%	1	1.11	600000
	6.9%	1	1.15	600000
	6.8%	1	1.15	600000
	7.0%	1	1.10	600000
	6.7%	1	1.15	600000
	7.0%	1	1.13	600000
	6.7%	1	1.14	600000
	11.8%	1	2.32	600000
	7.9%	1	1.22	600000
	4.4%	1	1.18	700000
150	9.0%	1	1.88	700000
	36.9%	2	3.26	1200000
	8.6%	1	1.25	600000
	7.4%	1	1.20	600000
	7.4%	1	1.25	600000
	5.8%	1	1.09	600000
	7.6%	1	1.22	600000
	7.1%	1	1.21	700000
	8.2%	1	1.34	700000
160	12.6%	2	2.38	1300000
	7.2%	1	1.29	600000
	7.5%	1	1.23	600000
	7.1%	1	1.23	600000
	7.6%	1	1.21	600000
	6.9%	1	1.22	600000
	6.7%	1	1.07	600000

	6.3%	1	1.03	600000
	6.5%	1	1.06	500000
170	6.2%	1	1.06	600000
	6.7%	1	1.08	600000
	6.4%	1	1.08	500000
	6.5%	1	1.15	600000
	7.2%	1	1.08	600000
	6.1%	1	1.02	500000
	6.2%	1	1.04	500000
	6.2%	1	1.01	500000
	6.4%	1	1.06	500000
	3.2%	1	1.00	500000
180	21.6%	2	4.19	1000000
	25.3%	1	1.77	511900
	6.3%	1	1.01	511900
	5.9%	1	1.03	500000
	6.3%	1	1.00	500000
	6.8%	1	1.09	500000
	6.2%	1	1.04	600000
	6.2%	1	1.08	600000
	7.5%	1	1.23	500000
	6.7%	1	1.13	500000
190	7.1%	1	1.19	500000
	7.7%	1	1.23	500000
	7.0%	1	1.25	600000
	7.0%	1	1.17	600000
	41.6%	1	15.47	500000
	18.6%	1	1.16	500000
	6.0%	1	0.97	500000
	5.8%	1	0.96	500000
	5.6%	1	0.99	500000
	6.3%	1	0.99	500000
200	6.3%	1	1.07	500000
	6.0%	1	0.96	504800

	5.7%	1	0.97	500000
	6.6%	1	1.09	500000
	5.8%	1	0.98	500000
	6.1%	1	1.00	500000
	8.0%	1	1.59	511900
	6.6%	1	1.04	497700
	7.0%	1	1.03	490500
	3.2%	1	0.95	490500
210	11.2%	1	2.42	504800
	29.0%	2	2.25	900000
	6.3%	1	0.95	483400
	5.7%	1	0.95	483400
	6.1%	1	0.99	497700
	6.5%	1	1.11	476300
	5.8%	1	1.02	462100
	7.1%	1	1.11	469200
	6.0%	1	1.06	447900
	7.1%	1	1.07	476300
220	6.6%	1	1.15	476300
	6.8%	1	1.10	483400
	6.1%	1	1.06	476300
	6.8%	1	1.09	483400
	9.5%	2	1.76	1000000
	5.5%	1	0.97	511900
	5.8%	1	0.95	500000
	6.1%	1	1.01	497700
230	5.7%	1	0.95	469200
	5.4%	1	0.91	476300
	5.6%	1	1.00	462100
	6.1%	1	0.95	483400
	6.2%	1	1.03	490500
	5.6%	1	0.99	497700

	6.1%	1	0.96	504800
	6.1%	1	0.99	483400
	5.7%	1	0.98	497700
	3.4%	1	1.02	483400
240	11.6%	2	2.75	900000
	11.8%	1	1.06	469200
	6.5%	1	0.96	483400
	6.1%	1	1.01	483400
	6.3%	1	1.10	483400
	6.7%	1	1.07	476300
	6.9%	1	1.15	490500
	7.0%	1	1.20	490500
	7.1%	1	1.11	483400
	6.6%	1	1.12	469200
250	6.5%	1	1.10	462100
	6.3%	1	1.04	462100
	6.3%	1	1.00	447900
	5.8%	1	0.95	462100
	5.5%	1	0.94	476300
	6.2%	1	0.99	476300
	5.7%	1	0.97	476300
	6.0%	1	0.98	476300
	5.8%	1	0.99	490500
	6.0%	1	1.00	483400
260	5.8%	1	0.96	497700
	5.9%	1	0.98	483400
	5.7%	1	0.94	462100
	5.5%	1	0.92	490500
	5.9%	1	0.99	497700
	9.7%	1	1.90	483400
	7.3%	1	1.01	483400
	6.0%	1	1.01	462100
	5.6%	1	0.92	462100
	3.3%	1	0.92	462100

270	9.0%	1	2.07	455000
	31.7%	1	2.60	455000
	7.6%	1	1.23	469200
	8.1%	1	1.43	455000
	8.4%	1	1.35	447900
	9.0%	1	1.33	447900
	6.1%	1	1.04	440800
	6.8%	1	1.07	447900
	6.0%	1	1.05	440800
	6.5%	1	1.03	447900
280	6.2%	1	1.08	469200
	6.2%	1	0.96	476300
	5.6%	1	0.95	490500
	5.7%	1	0.96	497700
	6.1%	1	1.05	490500
	6.1%	1	0.96	483400
	5.8%	1	0.98	476300
	5.5%	1	0.94	469200
	6.5%	1	1.06	469200
	7.3%	1	1.17	469200
290	3.9%	1	1.14	469200
	11.6%	1	1.02	469200
	7.5%	1	1.10	476300
	6.2%	1	0.96	469200
	5.4%	1	0.92	476300
	5.5%	1	0.92	476300
	4.1%	1	0.91	469200
	0.3%	1	0.94	462100

A.1.5   QUINHENTOS OBJETOS

Tabela 29: 500 Objetos Pre-Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%			
70				
		4	0.00	0
	0.0%	4	0.00	0
	0.0%	4		
			0.00	0
	0.0%	4		0
			0.00	
	0.0%	4	0.00	0
	0.0%	4	0.00	0

80	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%			
90				
		8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.02	0
	0.1%	8	0.02	0
	0.0%	6	0.00	0
	0.0%	8	0.01	0
100	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	6	0.00	0
	0.1%	22	0.02	0
	0.0%	6	0.00	0
	0.0%	16	0.00	0
	0.0%	2	0.00	0
	0.0%	28	0.01	0
	0.0%	10	0.02	0
110	0.1%	18	0.01	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	16	0.00	0

	0.0%	16	0.00	0
	0.1%	22	0.04	0
	0.0%	16	0.01	0
	0.0%	12	0.00	0
	0.0%	18	0.00	0
	0.0%	14	0.00	0
120	0.0%	22	0.01	0
	0.0%	14	0.00	0
	0.0%	34	0.10	0
	0.3%	38	0.01	0
	0.1%	20	0.00	0
	0.0%	18	0.00	0
	0.0%	16	0.01	0
	0.0%	20	0.00	0
	0.1%	34	0.01	0
	0.0%	28	0.01	0
130	0.0%	14	0.00	0
	0.0%	26	0.01	0
	0.0%	20	0.01	0
	0.0%	18	0.01	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	20	0.01	0
	0.0%	32	0.00	0
140	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	26	0.01	0
	0.0%	32	0.01	0
	0.0%	24	0.01	0
	0.0%	16	0.00	0
	0.0%	18	0.01	0
	0.0%	18	0.01	0

	0.0%	6	0.00	0
	0.0%	28	0.01	0
150	0.0%	12	0.00	0
	0.0%	30	0.01	0
	0.0%	28	0.01	0
	0.1%	26	0.01	0
	0.0%	24	0.02	0
	0.0%	20	0.01	0
	0.1%	18	0.00	0
	0.0%	16	0.00	0
	0.0%	20	0.01	0
	0.0%	24	0.01	0
160	0.0%	22	0.01	0
	0.0%	20	0.00	0
	0.0%	40	0.02	0
	0.3%	72	0.05	0
	0.1%	38	0.02	0
	0.1%	50	0.02	0
	0.1%	46	0.02	0
	0.3%	48	0.02	0
	0.1%	42	0.02	0
	0.1%	46	0.07	0
170	0.4%	50	0.03	0
	0.1%	54	0.05	0
	0.2%	62	0.03	0
	0.3%	46	0.05	0
	0.1%	56	0.02	0
	0.1%	46	0.02	0
	0.2%	54	0.04	0
	0.2%	40	0.05	0
	0.4%	54	0.05	0
	0.2%	62	0.02	0
180	0.3%	90	0.06	0
	0.1%	50	0.02	0

	0.1%	72	0.06	0
	0.3%	50	0.03	0
	0.1%	52	0.03	0
	0.1%	50	0.15	0
	0.4%	144	0.04	0
	0.2%	62	0.02	0
	0.2%	72	0.04	0
	0.1%	62	0.03	0
190	0.2%	68	0.03	0
	0.1%	52	0.02	0
	0.2%	60	0.04	0
	0.1%	68	0.04	0
	0.2%	76	0.05	0
	0.4%	112	0.09	0
	0.1%	42	0.02	0
	0.2%	50	0.03	0
	0.1%	52	0.02	0
	0.1%	78	0.02	0
200	0.1%	46	0.03	0
	0.2%	60	0.05	0
	0.1%	46	0.02	0
	0.2%	58	0.03	0
	0.1%	54	0.02	0
	0.2%	68	0.03	0
	0.3%	78	0.05	0
	0.2%	78	0.04	0
	0.2%	52	0.03	0
	0.3%	80	0.05	0
210	0.2%	86	0.04	0
	0.3%	102	0.05	0
	0.3%	86	0.04	0
	0.2%	80	0.04	0
	0.2%	98	0.04	0
	0.1%	74	0.04	0

	0.1%	80	0.04	0
	0.3%	210	0.11	0
	0.4%	180	0.09	0
	0.5%	98	0.08	0
220	0.2%	84	0.04	0
	0.3%	86	0.05	0
	0.4%	92	0.06	0
	0.5%	98	0.08	0
	0.3%	76	0.05	0
	0.3%	64	0.04	0
	0.2%	66	0.03	0
	0.2%	62	0.03	0
	0.2%	84	0.05	0
	0.3%	52	0.04	0
230	0.2%	66	0.04	0
	0.1%	84	0.02	0
	0.3%	112	0.06	0
	0.2%	70	0.04	0
	0.2%	58	0.06	0
	0.1%	40	0.02	0
	0.1%	44	0.02	0
	0.2%	58	0.03	0
	0.1%	38	0.02	0
	0.1%	52	0.02	0
240	0.1%	42	0.02	0
	0.1%	48	0.02	0
	0.0%	58	0.03	0
	0.1%	92	0.10	0
	0.3%	34	0.06	0
	0.3%	98	0.04	0
	0.1%	74	0.01	0
	0.3%	112	0.06	0
	0.1%	46	0.02	0
	0.1%	36	0.03	0

250	0.1%	48	0.02	0
	0.2%	44	0.03	0
	0.2%	36	0.04	0
	0.0%	30	0.01	0
	0.2%	40	0.03	0
	0.0%	34	0.01	0
	0.1%	38	0.01	0
	0.1%	28	0.01	0
	0.1%	34	0.01	0
	0.1%	38	0.02	0
260	0.1%	46	0.01	0
	0.1%	34	0.04	0
	0.1%	36	0.01	0
	0.2%	50	0.03	0
	0.1%	48	0.02	0
	0.0%	24	0.01	0
	0.0%	30	0.01	0
	0.1%	36	0.02	0
	0.0%	46	0.02	0
	0.1%	32	0.02	0
270	0.1%	36	0.02	0
	0.0%	38	0.03	0
	0.1%	76	0.05	0
	0.1%	72	0.04	0
	0.2%	42	0.01	0
	0.1%	30	0.01	0
	0.1%	40	0.01	0
	0.1%	36	0.02	0
	0.1%	40	0.03	0
	0.1%	36	0.02	0
280	0.1%	30	0.01	0
	0.1%	58	0.02	0
	0.1%	42	0.01	0
	0.1%	44	0.02	0

	0.1%	46	0.02	0
	0.1%	38	0.01	0
	0.1%	32	0.01	0
	0.0%	42	0.02	0
	0.1%	34	0.01	0
	0.1%	66	0.01	0
290	0.0%	28	0.03	0
	0.1%	60	0.01	0
	0.1%	28	0.01	0
	0.2%	42	0.04	0
	0.1%	20	0.01	0
	0.0%	30	0.01	0
	0.0%	32	0.01	0
	0.1%	42	0.02	0

Tabela 30: 500 Objetos Pre-Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				

	0.6%	2	0.11	0
70	0.0%	4	0.00	
	0.0%			
	0.0%			
				0
		4	0.00	
	0.0%			
				0
		4	0.00	0
80		2	0.00	0
	0.0%	4		0
	0.0%	4		
			0.00	
			0.00	0
	0.0%	4	0.00	
90				
				0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	

	0.0%	4	0.00	0
				0
100	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	
	0.0%	2		0
	0.0%		0.00	0
		2	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
110	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.1%	24	0.00	0
	0.1%	24	0.02	0
	0.0%	20	0.01	0
	0.0%	16	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
120	0.0%	14	0.00	0
	0.0%	8	0.02	0
	0.0%	14	0.00	0
	0.1%	18	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	16	0.00	0
	0.0%	14	0.01	0
	0.0%	16	0.00	0
130	0.0%	16	0.00	0
	0.0%	14	0.00	0

	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.1%	20	0.00	0
	0.0%	20	0.01	0
	0.0%	10	0.01	0
	0.1%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	18	0.01	0
140	0.0%	18	0.00	0
	0.0%	4	0.00	0
	0.0%	34	0.01	0
	0.0%	20	0.00	0
	0.0%	12	0.00	0
	0.0%	16	0.00	0
	0.1%	14	0.01	0
	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0
150	0.0%	34	0.00	0
	0.0%	16	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.1%	34	0.03	0
	0.1%	18	0.02	0
	0.0%	16	0.00	0
	0.1%	10	0.00	0
	0.0%	18	0.00	0
	0.0%	28	0.00	0
160	0.0%	18	0.01	0
	0.0%	30	0.02	0
	0.0%	24	0.01	0
	0.1%	48	0.02	0
	0.1%	26	0.01	0
	0.1%	16	0.01	0

	0.0%	28	0.01	0
	0.0%	20	0.01	0
	0.0%	28	0.02	0
	0.1%	36	0.01	0
170	0.1%	30	0.02	0
	0.0%	28	0.01	0
	0.0%	28	0.02	0
	0.1%	32	0.01	0
	0.1%	30	0.00	0
	0.0%	26	0.01	0
	0.0%	34	0.05	0
	0.1%	60	0.03	0
	0.2%	46	0.03	0
	0.0%	40	0.02	0
180	0.1%	48	0.01	0
	0.1%	60	0.03	0
	0.1%	34	0.03	0
	0.2%	50	0.02	0
	0.1%	40	0.01	0
	0.0%	40	0.08	0
	0.2%	110	0.02	0
	0.1%	60	0.02	0
	0.2%	64	0.03	0
	0.1%	36	0.01	0
190	0.1%	54	0.02	0
	0.1%	66	0.03	0
	0.1%	40	0.02	0
	0.0%	32	0.06	0
	0.1%	110	0.07	0
	0.2%	116	0.03	0
	0.3%	32	0.02	0
	0.2%	48	0.02	0
	0.1%	46	0.03	0
	0.1%	48	0.02	0

200	0.1%	58	0.02	0
	0.1%	46	0.02	0
	0.1%	42	0.02	0
	0.1%	32	0.01	0
	0.2%	66	0.03	0
	0.2%	48	0.03	0
	0.2%	76	0.03	0
	0.1%	60	0.02	0
	0.1%	50	0.02	0
	0.3%	64	0.04	0
210	0.3%	50	0.03	0
	0.2%	68	0.02	0
	0.1%	68	0.03	0
	0.1%	60	0.03	0
	0.1%	36	0.03	0
	0.0%	46	0.02	0
	0.0%	40	0.02	0
	0.3%	168	0.09	0
	0.3%	112	0.07	0
	0.3%	68	0.04	0
220	0.1%	82	0.03	0
	0.3%	76	0.03	0
	0.1%	42	0.02	0
	0.3%	70	0.03	0
	0.2%	66	0.04	0
	0.2%	90	0.03	0
	0.3%	64	0.04	0
	0.1%	84	0.04	0
	0.2%	90	0.03	0
	0.2%	70	0.03	0
230	0.2%	68	0.03	0
	0.1%	68	0.04	0
	0.2%	124	0.06	0
	0.3%	80	0.04	0

	0.3%	64	0.07	0
	0.3%	90	0.05	0
	0.3%	116	0.05	0
	0.2%	62	0.04	0
	0.3%	90	0.05	0
	0.1%	88	0.04	0
240	0.2%	98	0.06	0
	0.3%	30	0.04	0
	0.3%	72	0.03	0
	0.1%	82	0.02	0
	0.1%	152	0.11	0
	0.3%	128	0.06	0
	0.1%	30	0.03	0
	0.3%	116	0.02	0
	0.1%	42	0.02	0
	0.1%	30	0.02	0
250	0.1%	36	0.01	0
	0.0%	30	0.01	0
	0.1%	48	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.01	0
	0.1%	26	0.01	0
	0.1%	36	0.01	0
	0.1%	40	0.02	0
	0.1%	48	0.02	0
	0.0%	22	0.01	0
260	0.1%	50	0.02	0
	0.1%	46	0.02	0
	0.1%	44	0.02	0
	0.1%	26	0.02	0
	0.1%	46	0.02	0
	0.1%	44	0.02	0
	0.1%	34	0.02	0
	0.0%	26	0.01	0

	0.0%	28	0.01	0
	0.1%	46	0.02	0
270	0.1%	22	0.01	0
	0.0%	60	0.01	0
	0.0%	32	0.05	0
	0.1%	78	0.01	0
	0.2%	72	0.04	0
	0.1%	40	0.01	0
	0.1%	58	0.02	0
	0.1%	42	0.01	0
	0.1%	34	0.01	0
	0.1%	46	0.02	0
280	0.1%	60	0.02	0
	0.1%	50	0.06	0
	0.3%	70	0.01	0
	0.2%	60	0.03	0
	0.1%	56	0.03	0
	0.2%	36	0.01	0
	0.1%	24	0.01	0
	0.1%	26	0.01	0
	0.0%	22	0.02	0
	0.0%	22	0.01	0
290	0.1%	54	0.02	0
	0.1%	32	0.01	0
	0.1%	36	0.03	0
	0.1%	38	0.02	0
	0.2%	40	0.03	0
	0.1%	42	0.01	0
	0.1%	32	0.01	0
	0.1%	24	0.01	0

Tabela 31: 500 Objetos Pre-Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	120	0.07	0
	0.5%	60	0.14	0
	0.7%	20	0.08	0
	0.1%	20	0.01	0
	0.0%	20	0.01	0
	0.1%	20	0.01	0
	0.0%	20	0.01	0
	0.1%	20	0.01	0
10	0.0%	20	0.01	0
	0.1%	20	0.02	0
	0.3%	20	0.06	0
	0.1%	20	0.01	0
	0.0%	20	0.01	0
	0.1%	20	0.02	0
	0.0%	20	0.01	0
	0.1%	20	0.02	0
	0.1%	20	0.02	0
	0.0%	20	0.01	0
20	0.0%	20	0.01	0
	0.1%	20	0.02	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.1%	20	0.03	0
30	0.4%	40	0.03	0
	0.0%	20	0.01	0

	0.1%	20	0.01	0
	0.0%	20	0.01	0
	0.1%	20	0.01	0
	0.1%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
40	0.1%	20	0.02	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.01	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
50	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.01	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.4%	40	0.09	0
60	0.1%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.00	0
	0.0%	20	0.01	0
	0.1%	20	0.01	0
	0.0%	20	0.01	0

	0.0%	20	0.01	0
	0.2%	24	0.03	0
	0.0%	24	0.01	0
	0.1%	28	0.01	0
70	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	28	0.01	0
	0.2%	32	0.03	0
	0.1%	32	0.01	0
	0.0%	32	0.01	0
	0.1%	32	0.01	0
	0.0%	36	0.01	0
	0.1%	40	0.01	0
	0.0%	36	0.01	0
80	0.1%	36	0.01	0
	0.0%	40	0.01	0
	0.1%	44	0.02	0
	0.1%	48	0.01	0
	0.1%	52	0.02	0
	0.1%	56	0.02	0
	0.1%	64	0.03	0
	0.1%	76	0.03	0
	0.1%	80	0.03	0
	0.2%	80	0.05	0
90	0.4%	78	0.04	0
	0.1%	76	0.03	0
	0.2%	80	0.03	0
	0.2%	82	0.04	0
	0.2%	82	0.03	0
	0.6%	88	0.10	0
	0.3%	92	0.05	0
	0.3%	98	0.05	0
	0.2%	100	0.04	0
	0.2%	102	0.04	0

100	0.5%	102	0.09	0
	0.3%	112	0.06	0
	0.6%	112	0.11	0
	0.6%	134	0.10	0
	0.4%	138	0.07	0
	0.3%	146	0.06	0
	0.4%	138	0.07	0
	0.5%	154	0.08	0
	0.4%	168	0.07	0
	0.4%	164	0.08	0
110	0.4%	160	0.07	0
	0.5%	152	0.09	0
	1.0%	144	0.22	0
	0.5%	146	0.07	0
	0.6%	146	0.09	0
	0.4%	144	0.08	0
	0.4%	152	0.06	0
	0.4%	162	0.07	0
	0.2%	176	0.07	0
	0.9%	176	0.25	0
120	1.7%	416	0.24	0
	1.0%	216	0.11	0
	0.6%	228	0.11	0
	0.7%	228	0.12	0
	0.6%	234	0.10	0
	0.7%	252	0.12	0
	0.7%	264	0.12	0
	1.0%	264	0.16	0
	0.7%	278	0.12	0
	0.7%	284	0.12	0
130	0.8%	282	0.13	0
	0.9%	270	0.15	0
	0.6%	266	0.11	0
	0.8%	260	0.12	0

	0.6%	258	0.11	0
	0.8%	260	0.13	0
	0.7%	254	0.11	0
	0.7%	262	0.12	0
	0.7%	268	0.12	0
	0.9%	288	0.15	0
140	0.9%	296	0.14	0
	0.8%	298	0.14	0
	1.1%	302	0.17	0
	0.9%	306	0.16	0
	0.8%	298	0.14	0
	0.8%	310	0.14	0
	1.0%	306	0.15	0
	0.8%	316	0.15	0
	0.5%	324	0.15	0
	2.2%	316	0.53	0
150	1.9%	318	0.27	0
	1.2%	320	0.15	0
	1.0%	326	0.17	0
	0.9%	328	0.16	0
	1.0%	334	0.15	0
	0.8%	326	0.14	0
	0.5%	322	0.21	0
	2.8%	688	0.37	0
	1.2%	360	0.17	0
	1.6%	382	0.26	0
160	1.4%	412	0.24	0
	1.3%	430	0.24	0
	1.4%	442	0.22	0
	1.8%	454	0.29	0
	2.4%	476	0.41	0
	1.5%	502	0.24	0
	1.6%	532	0.28	0
	1.9%	548	0.32	0

	2.0%	578	0.33	0
	1.9%	590	0.31	0
170	3.5%	598	0.79	0
	4.1%	598	0.55	0
	2.4%	616	0.34	0
	2.9%	630	0.52	0
	2.1%	686	0.35	0
	2.8%	686	0.46	0
	2.4%	718	0.39	0
	1.2%	728	0.37	0
	3.8%	1486	1.16	0
	3.1%	752	0.38	0
180	2.0%	758	0.35	0
	2.3%	766	0.37	0
	2.3%	792	0.38	0
	2.8%	806	0.47	0
	2.2%	792	0.37	0
	1.4%	812	0.49	0
	4.3%	1638	1.06	0
	4.1%	1568	0.82	0
	3.2%	794	0.40	0
	2.5%	790	0.40	0
190	2.3%	792	0.38	0
	2.2%	786	0.38	0
	2.2%	786	0.37	0
	2.3%	804	0.39	0
	2.4%	818	0.40	0
	2.3%	810	0.39	0
	2.5%	816	0.40	0
	2.3%	808	0.41	0
	2.3%	826	0.37	0
	2.3%	854	0.39	0
200	2.4%	842	0.40	0
	3.0%	872	0.51	0

	2.7%	898	0.46	0
	2.6%	928	0.44	0
	2.8%	978	0.47	0
	1.6%	1012	0.49	0
	2.4%	1046	1.06	0
	5.3%	3236	1.62	0
	5.5%	2256	1.16	0
	4.1%	1168	0.61	0
210	3.7%	1184	0.60	0
	4.0%	1214	0.73	0
	4.2%	1224	0.63	0
	3.5%	1274	0.62	0
	4.5%	1302	0.79	0
	4.4%	1312	0.66	0
	4.1%	1312	0.67	0
	4.4%	1294	0.77	0
	3.9%	1286	0.63	0
	4.5%	1302	0.74	0
220	2.3%	1300	0.65	0
	5.9%	2636	1.34	0
	4.5%	1292	0.67	0
	6.3%	1298	1.41	0
	4.9%	1266	0.77	0
	4.3%	1190	0.64	0
	4.1%	1172	0.67	0
	3.5%	1140	0.59	0
	3.4%	1090	0.56	0
	4.2%	1044	0.70	0
230	3.1%	1014	0.52	0
	1.6%	980	0.53	0
	4.4%	1888	1.46	0
	4.9%	1810	0.98	0
	1.5%	892	0.45	0
	4.6%	1808	0.87	0

	3.4%	920	0.46	0
	2.9%	936	0.48	0
	2.9%	936	0.49	0
	3.0%	954	0.50	0
240	3.0%	950	0.48	0
	2.9%	946	0.48	0
	2.6%	940	0.42	0
	2.9%	940	0.48	0
	2.7%	938	0.44	0
	2.6%	936	0.44	0
	2.9%	916	0.47	0
	2.7%	928	0.44	0
	2.6%	924	0.46	0
	2.6%	912	0.41	0
250	2.8%	904	0.47	0
	2.3%	908	0.40	0
	2.9%	912	0.47	0
	2.5%	902	0.41	0
	2.6%	906	0.47	0
	1.7%	914	0.47	0
	3.5%	914	0.44	0
	2.8%	924	0.47	0
	1.5%	928	0.48	0
	4.0%	1846	1.33	0
260	6.0%	1862	1.15	0
	3.7%	924	0.49	0
	2.8%	896	0.47	0
	2.9%	894	0.47	0
	3.0%	896	0.51	0
	2.5%	886	0.42	0
	2.5%	876	0.40	0
	2.3%	856	0.41	0
	2.3%	844	0.38	0
	2.4%	826	0.41	0

270	2.7%	814	0.43	0
	2.3%	824	0.39	0
	2.6%	836	0.43	0
	2.4%	832	0.41	0
	2.6%	852	0.42	0
	1.3%	864	0.46	0
	4.5%	1738	0.84	0
	2.6%	866	0.40	0
	3.7%	858	0.68	0
	3.9%	862	0.48	0
280	2.4%	842	0.40	0
	2.4%	830	0.40	0
	2.6%	830	0.42	0
	2.4%	844	0.40	0
	2.7%	864	0.44	0
	2.8%	884	0.47	0
	1.5%	888	0.45	0
	3.2%	874	0.94	0
	5.4%	1764	1.04	0
	3.6%	884	0.46	0
290	2.5%	874	0.42	0
	2.6%	848	0.45	0
	1.5%	842	0.40	0
	2.9%	852	0.46	0
	3.3%	868	0.49	0
	2.6%	864	0.39	0
	1.8%	870	0.41	0
	0.1%	858	0.46	0

Tabela 32: 500 Objetos Pre-Runtime Circle OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

		195		
10				
30				
	0.5%	4	0.09	0
40				
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%			
50				

		8	0.00	
	0.0%	8		
60				
				0
				0
	0.0%	8	0.00	
		2	0.00	0
	0.0%		0.00	0
	0.0%	2	0.00	0
		2		0
70		2		
	0.0%		0.00	
			0.00	0
		6	0.00	0
		2		
	0.0%			
	0.0%			
			0.00	0
		6	0.00	
80		2		
	0.0%			
			0.00	
		4		
	0.0%			0

	0.0%		0.00	0
90		6		
			0.00	
	0.0%	2		0
			0.00	
	0.0%			0
	0.0%			
		6	0.00	
100				
				0
	0.0%			0
	0.0%	4	0.00	
		2	0.00	0
	0.0%	2		0
	0.0%		0.00	
		2		0
	0.0%		0.00	0
	0.0%	4	0.00	0
110	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
		2	0.00	0
	0.0%	2	0.00	
		2		0
		4	0.00	
			0.00	
	0.0%	2	0.00	
				0
120	0.0%			
				0

	0.0%	2		
	0.0%		0.00	0
	0.0%	6		0
	0.0%		0.00	0
	0.0%	4	0.00	0
		2	0.00	0
		2	0.00	
		2		
130				0
			0.00	
		2	0.00	
	0.0%			
	0.0%			
				0
			0.00	
				0
140		2		
	0.0%		0.00	
	0.0%			
	0.0%	2		0
		2	0.00	0
	0.0%	2	0.00	
				0
	0.0%			
150		2	0.00	0
	0.0%		0.00	
		2		0
			0.00	0
	0.0%	2		
	0.0%	2	0.00	

	0.0%	2	0.00	0
	0.0%			0
		2	0.00	
160		2	0.00	
	0.0%	4	0.00	0
	0.0%		0.00	0
				0
	0.0%			
		2		0
	0.0%	2	0.00	
			0.00	0
	0.0%	2		
			0.00	0
170		2	0.00	
		2	0.00	
			0.00	
	0.0%			
	0.0%			
				0
180				
		2		
		2	0.00	
	0.0%			
			0.00	0
	0.0%			0
		2		
		2		

190			0.00	
		2		
			0.00	
	0.0%			0
	0.0%			
				0
	0.0%			
				0
		2		
200	0.0%		0.00	
	0.0%	2	0.00	
		2	0.00	0
				0
	0.0%	2	0.00	
			0.00	
				0
	0.0%	4		
210				
		4		
		2	0.00	
			0.00	
				0
	0.0%			0
220				
		2		
	0.0%		0.00	0

	0.0%			
		2		
			0.00	
230			0.00	
				0
	0.0%			0
240				
			0.00	
	0.0%			0
	0.0%			0
	0.0%	2		0
		2		
250				
	0.0%	4	0.00	0
			0.00	
		2	0.00	
			0.00	

		202		
260				
	0.0%			0
	0.0%			
270		2		
			0.00	
280				
				0
	0.0%			0
		2		
			0.00	
290				

Tabela 33: 500 Objetos Pre-Runtime Circle OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.6%	4		
	0.0%	4		
		4		
			0.00	0
				0
	0.0%			
70	0.0%	8		

			0.00	
			0.00	0
			0.00	0
80	0.0%	2	0.00	
	0.0%	2		0
	0.0%	4		0
		4		0
		10		
90				
			0.00	
			0.00	
	0.0%		0.00	0
100		2		
		2		
	0.0%		0.00	0

	0.0%		0.00	0
	0.0%		0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	
110		2	0.00	
		2		
				0
	0.0%			0
	0.0%		0.00	0
120	0.0%	4	0.00	0
			0.00	
	0.0%	4		0
	0.0%		0.00	
				0
	0.0%	2	0.00	
	0.0%	2		0
130	0.0%			
	0.0%			
		2	0.00	0
		2	0.00	0
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		

140				
			0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
		2		
	0.0%		0.00	0
150		2		0
				0
	0.0%			
		2	0.00	
	0.0%		0.00	0
	0.0%	4		
		2		0
160			0.00	0
	0.0%		0.00	
		2		
	0.0%			0
		2	0.00	
	0.0%	4		0
				0
		2		
		2	0.00	0
170	0.0%			
	0.0%			
		2		
			0.00	0

		2	0.00	
	0.0%			
				0
			0.00	
	0.0%		0.00	
180				
	0.0%	2	0.00	
	0.0%	2	0.00	0
	0.0%			0
		2		
190				
			0.00	
	0.0%			0
				0
200				
			0.00	
	0.0%	2		
	0.0%			0
	0.0%		0.00	
		2	0.00	
		2		0

	0.0%	4		0
	0.0%			0
210				
			0.00	
			0.00	
		2		
	0.0%		0.00	0
	0.0%			0
		2	0.00	
		2		
	0.0%	2		0
220				
			0.00	
	0.0%	2	0.00	0
			0.00	
	0.0%	2	0.00	0
			0.00	0
230				
240				
	0.0%	2		
			0.00	0
	0.0%			
			0.00	0

250				
260				
		2		
	0.0%			
			0.00	
			0.00	
		2		
270	0.0%	2		0
	0.0%			
280		2		0
	0.0%		0.00	
		2	0.00	0
	0.0%			
	0.0%		0.00	
290				

		2		0
		2		
	0.0%		0.00	
			0.00	
				0
		2		

Tabela 34: 500 Objetos Pre-Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				
	0.6%	4	0.00	0
40	0.0%	4	0.00	0
	0.0%	4	0.00	0

	0.1%	12	0.00	0
	0.1%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.1%	12	0.01	0
	0.0%	10	0.00	0
	0.1%	12	0.01	0
50	0.1%	12	0.00	0
	0.1%	12	0.00	0
	0.0%	12		0
	0.0%	12	0.07	0
	0.0%	12	0.01	0
	0.0%	12	0.01	0
	0.1%	12	0.01	0
	0.1%		0.01	0
	0.0%	20	0.01	0
	0.1%	16	0.00	0
60	0.1%	24	0.01	0
	0.1%	26	0.01	0
	0.0%	20	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	28	0.01	
	0.0%	28	0.01	0
		34	0.01	0
	0.1%	34	0.01	0
	0.0%	30	0.01	0
70	0.0%	44	0.01	0
	0.1%	30	0.01	0
	0.0%	44	0.01	0
	0.0%	44	0.00	0
	0.1%	24	0.01	0
	0.0%	44	0.02	0

	0.0%	24	0.01	0
	0.0%	44	0.01	0
	0.1%	24	0.02	0
	0.1%	24	0.02	0
80	0.1%	24	0.02	0
	0.1%	62	0.01	0
	0.0%	30	0.02	0
	0.3%	62	0.04	0
	0.0%	62	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.02	0
	0.0%	62	0.01	0
	0.0%	40	0.02	0
	0.0%	62	0.02	0
90	0.1%	40	0.02	0
	0.2%	44	0.02	0
	0.1%	64	0.02	0
	0.1%	38	0.03	0
	0.1%	44	0.02	0
	0.1%	64	0.02	0
	0.1%	44	0.02	0
	0.1%	64	0.02	0
	0.2%	44	0.02	0
	0.1%	44	0.02	0
100	0.2%	48	0.02	0
	0.2%	42	0.02	0
	0.1%	42	0.02	0
	0.1%	40	0.02	0
	0.1%	64	0.01	0
	0.1%	64	0.03	0
	0.1%	42	0.03	0
	0.1%	58	0.03	0
	0.1%	48	0.02	0
	0.1%	54	0.02	0

110	0.3%	56	0.08	0
	0.2%	62	0.02	0
	0.3%	62	0.03	0
	0.1%	64	0.03	0
	0.1%	70	0.03	0
	0.1%	68	0.02	0
	0.1%	66	0.02	0
	0.0%	60	0.02	0
	0.1%	62	0.05	0
	0.2%	58	0.05	0
120	0.1%	118	0.03	0
	0.3%	58	0.02	0
	0.2%	64	0.03	0
	0.1%	64	0.02	0
	0.1%	70	0.03	0
	0.1%	68	0.03	0
	0.1%	70	0.03	0
	0.2%	70	0.03	0
	0.2%	70	0.03	0
	0.2%	70	0.03	0
130	0.1%	70	0.03	0
	0.1%	62	0.03	0
	0.2%	72	0.03	0
	0.1%	72	0.03	0
	0.2%	72	0.03	0
	0.1%	70	0.03	0
	0.4%	68	0.03	0
	0.2%	68	0.06	0
	0.2%	68	0.03	0
	0.1%	70	0.03	0
140	0.1%	62	0.03	0
	0.1%	66	0.04	0
	0.1%	64	0.02	0
	0.1%	62	0.03	0

	0.1%	60	0.03	0
	0.1%	60	0.02	0
	0.2%	62	0.02	0
	0.1%	60	0.04	0
	0.2%	62	0.02	0
	0.1%	60	0.03	0
150	0.1%	62	0.03	0
	0.1%	66	0.03	0
	0.2%	62	0.03	0
	0.2%	64	0.03	0
	0.1%	64	0.04	0
	0.1%	64	0.03	0
	0.2%	66	0.03	0
	0.1%	60	0.03	0
	0.1%	62	0.03	0
	0.3%	64	0.03	0
160	0.5%	66	0.03	0
	0.4%	62	0.07	0
	0.2%	62	0.04	0
	0.1%	66	0.04	0
	0.2%	64	0.03	0
	0.1%	62	0.02	0
	0.1%	64	0.03	0
	0.1%	66	0.03	0
	0.2%	66	0.02	0
	0.2%	64	0.03	0
170	0.2%	66	0.03	0
	0.1%	66	0.03	0
	0.3%	66	0.03	0
	0.4%	66	0.03	0
	1.2%	64	0.10	0
	0.2%	64	0.16	0
	0.1%	64	0.03	0
	0.1%	68	0.03	0

	0.2%	64	0.03	0
	0.3%	62	0.03	0
180	0.1%	64	0.03	0
	0.1%	62	0.03	0
	0.3%	122	0.03	0
	0.3%	62	0.11	0
	0.2%	62	0.14	0
	0.1%	62	0.03	0
	0.2%	64	0.03	0
	0.1%	62	0.03	0
	0.2%	62	0.03	0
	0.1%	62	0.03	0
190	0.3%	64	0.03	0
	0.3%	64	0.03	0
	0.2%	132	0.08	0
	0.2%	64	0.03	0
	0.2%	132	0.07	0
	0.2%	66	0.03	0
	0.2%	66	0.03	0
	0.2%	68	0.03	0
	0.1%	64	0.06	0
	0.2%	64	0.03	0
200	0.1%	66	0.03	0
	0.2%	66	0.03	0
	0.2%	68	0.14	0
	0.1%	60	0.03	0
	0.2%	68	0.03	0
	0.2%	68	0.03	0
	0.1%	68	0.03	0
	0.1%	120	0.14	0
	0.1%	70	0.04	0
	0.2%	62	0.03	0
210	0.1%	68	0.02	0
	0.4%	64	0.03	0

	0.3%	64	0.05	0
	0.2%	68	0.08	0
	0.2%	62	0.14	0
	0.2%	68	0.07	0
	0.1%	64	0.03	0
	0.2%	68	0.06	0
	0.1%	132	0.03	0
	0.2%	62	0.03	0
220	0.1%	64	0.03	0
	0.2%	64	0.03	0
	0.1%	64	0.06	0
	0.2%	64	0.03	0
	0.1%	62	0.03	0
	0.2%	68	0.03	0
	0.3%	62	0.02	0
	0.2%	62	0.03	0
	0.2%	62	0.06	0
	0.2%	60	0.03	0
230	0.1%	64	0.06	0
	0.2%	64	0.03	0
	0.1%	62	0.02	0
	0.1%	60	0.03	0
	0.3%	60	0.03	0
	0.2%	120	0.03	0
	0.1%	120	0.02	0
	0.1%	132	0.07	0
	0.0%	60	0.06	0
	0.2%	120	0.03	0
240	0.3%	60	0.09	0
	0.1%	60	0.03	0
	0.2%	66	0.03	0
	0.1%	60	0.03	0
	0.1%	60	0.02	0
	0.1%	60	0.03	0

	0.2%	60	0.02	0
	0.1%	62	0.02	0
	0.1%	60	0.03	0
	0.2%	120	0.03	0
250	0.1%	62	0.03	0
	0.1%	120	0.03	0
	0.1%	60	0.03	0
	0.1%	126	0.03	0
	0.2%	122	0.03	0
	0.2%	68	0.04	0
	0.1%	60	0.03	0
	0.1%	68	0.03	0
	0.2%	60	0.03	0
	0.2%	60	0.04	0
260	0.2%	58	0.05	0
	0.1%	58	0.07	0
	0.1%	58	0.03	0
	0.1%	60	0.03	0
	0.2%	62	0.03	0
	0.1%	62	0.04	0
	0.4%	132	0.03	0
	0.3%	66	0.03	0
	0.2%	132	0.04	0
	0.1%	66	0.03	0
270	0.2%	66	0.03	0
	0.2%	68	0.03	0
	0.2%	66	0.03	0
	0.2%	66	0.02	0
	0.2%	68	0.03	0
	0.2%	68	0.03	0
	0.1%	68	0.06	0
	0.1%	68	0.04	0
	0.2%	68	0.06	0
	0.1%	68	0.03	0

280	0.2%	132	0.03	0
	0.1%	132	0.02	0
	0.3%	126	0.03	0
	0.2%	126	0.03	0
	0.3%	66	0.03	0
	0.2%	66	0.03	0
	0.1%	66	0.03	0
	0.1%	64	0.03	0
	0.2%	66	0.08	0
	0.1%	66	0.08	0
290	0.2%	66	0.03	0
	0.1%	66	0.03	0
	0.1%	66	0.03	0
	0.2%	66	0.02	0
	0.4%	66	0.03	0
	0.2%	66	0.03	0
	0.2%	64	0.03	0
	0.1%	64	0.03	0

Tabela 35: 500 Objetos Pre-Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	11.3%	3	6.11	426600
	7.3%	1	7.00	213300
	7.3%	1	2.79	71100
	28.6%	1	2.06	71100
	28.6%	1	2.41	71100
	26.1%	1	1.70	71100
	14.8%	1	1.70	71100
	10.6%	1	1.36	71100
10	8.4%	1	2.35	71100
	13.8%	1	1.38	71100

	8.9%	1	1.64	71100
	9.1%	1	1.49	71100
	14.9%	1	2.58	71100
	8.9%	1	1.37	71100
	50.6%	1	1.41	71100
	50.6%	1	1.34	5000000
	8.3%	1	2.31	71100
	8.2%	1	1.41	5000000
20	12.7%	1	8.32	71100
	12.7%	1	1.39	71100
	9.3%	1	8.32	71100
	8.5%	1	1.19	71100
	7.4%	1	1.90	92500
	10.8%	1	1.90	71100
	7.5%	1	1.91	71100
	7.3%	1	1.44	71100
	7.3%	1	1.19	71100
	11.7%	1	1.91	71100
30	8.0%	1	1.26	71100
	16.0%	2	1.22	142200
	35.9%	1	1.93	71100
	8.0%	1	1.27	71100
	9.2%	1	3.78	71100
	8.0%	1	2.04	71100
	12.1%	1	1.40	71100
	9.5%	1	1.38	71100
	12.8%	1	2.01	71100
	9.2%	1	1.56	71300
40	9.4%	1	2.06	92500
	20.5%	1	1.53	92500
	11.0%	1	6.26	71100
	9.1%	1	6.26	170600
	20.5%	1	2.06	71100
	7.7%	1	12.97	71100

	10.7%	1	1.52	71100
	8.0%	1	12.97	71100
	7.3%	1	1.44	71100
	10.7%	1	1.44	71300
50	7.3%	1	1.90	71100
	11.5%	1	1.41	71100
	8.1%	1	1.45	71100
	12.8%	1	1.22	71100
	7.6%	1	1.28	71100
	12.8%	1	5.70	71100
	10.9%	1	1.29	71100
	7.7%	1	5.70	170600
	9.0%	1	1.30	71100
	15.4%	1	1.30	170600
60	12.1%	1	1.89	71100
	8.0%	1	1.91	71300
	7.6%	1	1.26	
		1	1.91	376800
	27.0%		1.35	71100
	12.4%	2	2.06	71100
	9.7%	1	1.41	71100
	8.0%	1	1.27	71100
	8.8%	1	1.41	92500
	10.5%	1	1.26	71100
70	14.2%	1		92500
	15.4%	1	6.43	92500
	9.2%	1	1.93	99500
	11.6%	1	2.25	99500
	15.4%	1	6.26	99500
	9.3%	1	1.39	99500
	13.6%	1	2.26	376800
	15.7%	1	1.44	113800
	10.4%	1	1.48	113800
	12.8%	1	6.26	376800

80	13.4%	1	1.69	128000
	9.6%	1	2.36	128000
	10.7%	1	1.44	128000
	12.8%	1	1.47	700000
	11.1%	1	1.93	170600
	8.4%	1	2.39	142200
	13.1%	1	1.61	156400
	9.0%	1	1.93	156400
	10.1%	1	1.66	170600
	15.7%	1	1.67	184800
90	11.8%	1	1.62	270200
	10.3%	1	1.41	284400
	9.1%	1	2.74	700000
	15.7%	1	2.18	284400
	8.0%	1	1.44	284400
	15.4%	1	2.21	284400
	15.4%	1	1.41	700000
	21.4%	1	1.67	305700
	14.7%	1	2.09	376800
	15.5%	1	1.63	313000
100	9.9%	1	2.36	305700
	15.4%	1	2.74	334100
	12.5%	1	3.51	355500
	12.8%	1	2.06	1100000
	14.4%	1	2.70	362600
	11.7%	1	2.74	376800
	15.5%	1	1.93	405200
	12.4%	1	2.64	412300
	14.9%	1	2.08	440800
	15.7%	1	2.03	433700
110	16.8%	1	2.51	497700
	15.5%	1	2.95	497700
	12.2%	1	1.93	1100000
	17.8%	1	1.91	500000

	12.2%	1	3.42	500000
	15.7%	1	2.43	700000
	12.8%	1	2.16	600000
	16.5%	1	2.95	600000
	12.6%	1	2.89	1100000
	23.4%	1	2.74	700000
120	21.8%	1	2.10	700000
	12.9%	1	2.66	700000
	16.4%	1	2.95	600000
	12.6%	1	2.05	1200000
	16.5%	1	2.10	600000
	15.5%	1	5.16	700000
	13.1%	1	2.74	700000
	9.5%	1	2.01	800000
	19.0%	1	2.78	1200000
	41.4%	1	2.62	1100000
130	21.2%	2	2.07	1600000
	16.5%	1	2.10	900000
	15.5%	1	2.66	900000
	19.7%	1	5.75	900000
	19.0%	1	2.62	1000000
	17.2%	1	2.95	1200000
	25.3%	1	2.30	1000000
	16.5%	1	2.33	1100000
	17.2%	1	3.05	1100000
	20.7%	1	2.68	1100000
140	25.3%	1	3.62	1100000
	17.8%	1	2.62	1000000
	19.4%	1	2.90	1000000
	16.4%	1	2.95	2800000
	19.8%	1	3.65	1000000
	25.3%	1	2.83	1200000
	16.5%	1	2.92	1000000
	15.8%	1	4.78	1000000

	18.7%	1	2.62	2800000
	17.5%	1	2.60	1000000
150	15.6%	1	4.78	1000000
	19.1%	1	2.68	1100000
	25.3%	1	2.66	1100000
	16.1%	1	2.60	1200000
	18.9%	1	3.31	2800000
	19.8%	1	2.76	1100000
	28.2%	1	2.62	1200000
	9.9%	1	4.78	1200000
	28.2%	1	3.28	1200000
	23.6%	1	2.69	2800000
160	43.5%	1	2.92	1300000
	34.9%	1	3.43	1300000
	22.4%	1	2.97	1200000
	25.3%	1	4.78	1200000
	21.7%	1	5.67	2500000
	47.0%	1	6.25	2500000
	28.2%	2	3.60	1200000
	54.1%	1	6.52	1300000
	28.2%	1	6.52	1300000
	25.6%	1	4.43	1300000
170	25.3%	1	3.84	2800000
	23.6%	1	17.88	1500000
	27.5%	1	7.10	1600000
	27.5%	1	4.78	2500000
	39.1%	1	4.14	1700000
	24.6%	1	6.52	1800000
	39.1%	2	4.98	2500000
	26.1%	1	3.75	1800000
	30.9%	1	6.52	1900000
	27.1%	2	4.70	2100000
180	28.2%	1	4.09	2100000
	37.4%	1	4.44	6200000

	46.4%	1	4.44	2300000
	33.1%	1	5.63	2400000
	39.1%	1	4.55	6200000
	36.8%	2	8.51	2500000
	39.1%	2	5.63	2700000
	33.2%	1	6.26	2700000
	37.0%	2	4.79	2800000
	33.0%	1	6.52	6200000
190	15.5%	1	5.43	2800000
	56.9%	1	5.98	6200000
	47.5%	1	5.28	2800000
	36.6%	1	5.63	3000000
	34.3%	1	4.68	3100000
	37.6%	1	17.33	3100000
	34.3%	1	5.63	3100000
	36.2%	2	5.89	3200000
	39.1%	2	6.29	3200000
	34.3%	1	6.13	3200000
200	63.8%	1	5.62	6300000
	57.5%	1	6.55	6200000
	34.3%	1	22.15	3100000
	45.4%	1	12.67	3100000
	34.1%	1	5.80	3100000
	37.8%	1	5.63	3100000
	32.6%	1	5.49	3100000
	34.3%	1	5.40	3100000
	47.8%	1	5.68	3200000
	35.7%	1	5.41	3200000
210	31.8%	1	5.90	3200000
	34.9%	1	5.59	3300000
	34.9%	1	5.75	3300000
	34.3%	1	6.25	3300000
	37.2%	1	6.54	3500000
	50.6%	1	6.44	5000000

	39.2%	1	8.32	3800000
	50.6%	1	8.32	5000000
	50.6%	1	8.32	3900000
	37.7%	1	22.79	5000000
220	45.9%	1	14.86	4000000
	39.1%	2	13.63	7400000
	45.9%	1	7.98	12500000
	67.0%	1	13.63	8800000
	74.4%	1	5.80	4600000
	70.1%	1	5.80	7400000
	57.9%	1	5.80	4700000
	49.5%	1	8.33	4700000
	46.8%	1	8.86	4800000
	55.2%	1	8.43	4900000
230	49.4%	1	8.26	5000000
	37.8%	1	8.78	5000000
	61.9%	1	8.32	7400000
	50.6%	1	13.63	5000000
	37.8%	1	20.67	5000000
	47.8%	2	8.26	5000000
	37.8%	1	9.12	5000000
	45.9%	1	8.10	4900000
	56.6%	1	7.70	4700000
	51.2%	1	7.82	4500000
240	52.3%	1	13.63	7400000
	73.4%	1	6.19	4300000
	45.9%	1	7.65	7400000
	57.7%	1	13.63	4099999.9999999995
	45.9%	1	6.19	7400000
	54.4%	1	7.21	7400000
	47.8%	1	13.63	3900000
	45.9%	2	13.63	7400000
	45.9%	2	6.19	7100000
	46.8%	1	13.63	3500000

250	36.9%	1	20.79	7100000
	36.9%	1	12.78	3500000
	45.9%	1	6.11	3600000
	43.3%	1	6.08	3600000
	36.9%	1	6.11	3500000
	35.4%	1	6.07	3500000
	35.4%	1	6.11	3500000
	67.8%	1	6.17	3500000
	67.9%	1	6.19	3500000
	35.4%	1	6.14	3500000
260	37.0%	1	6.19	3400000
	21.1%	1	6.11	3400000
	40.6%	1	6.19	3500000
	38.2%	1	6.19	6900000
	36.4%	1	6.19	3500000
	36.9%	1	6.17	3400000
	38.0%	1	5.89	3300000
	36.9%	1	6.09	3300000
	21.1%	1	6.11	3300000
	36.7%	1	6.14	3200000
270	36.9%	1	6.01	3100000
	36.9%	1	6.13	3100000
	35.7%	1	6.11	3200000
	36.9%	1	6.45	3200000
	37.0%	1	5.89	3200000
	35.4%	2	18.75	6400000
	35.4%	1	6.39	3200000
	35.4%	2	6.11	3200000
	35.4%	1	6.11	3100000
	21.1%	1	6.70	3100000
280	35.4%	1	6.11	3200000
	36.1%	1	6.11	3200000
	35.7%	1	13.22	3300000
	37.3%	1	5.89	3300000

	35.7%	1	5.80	6500000
	21.1%	1	6.23	3300000
	21.1%	1	6.11	3300000
	61.9%	1	5.89	3200000
	21.1%	1	5.89	3200000
	67.2%	1	6.47	3200000
290	35.7%	1	5.89	3200000
	21.1%	1	5.89	3200000
	54.2%	1	5.89	3200000
	39.2%	1	6.15	3200000
	47.8%	1	6.04	
	21.1%	1	5.89	
	37.8%	1	5.79	
	35.7%	1	5.69	

A.1.6 MIL OBJETOS

Tabela 36: 1000 Objetos Pre-Runtime Circle OnCollisio-nEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				

	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%			
70		4	0.00	0
	0.0%	4	0.00	0
	0.0%	4		
			0.01	0
	0.0%	4		0
			0.00	
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
80	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.2%	8	0.04	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%			
90				
		4	0.01	0
	0.0%	8	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0

	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
100	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	16	0.00	0
	0.0%	12	0.00	0
	0.0%	18	0.00	0
	0.0%	6	0.00	0
	0.0%	20	0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.00	0
110	0.0%	14	0.00	0
	0.0%	10	0.00	0
	0.0%	18	0.00	0
	0.0%	22	0.01	0
	0.0%	20	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	26	0.01	0
	0.0%	26	0.01	0
	0.2%	32	0.04	0
120	0.0%	20	0.00	0
	0.0%	22	0.00	0
	0.0%	16	0.00	0
	0.0%	28	0.00	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0
	0.0%	28	0.01	0
	0.0%	12	0.00	0
	0.0%	18	0.00	0
	0.0%	12	0.00	0
130	0.0%	10	0.00	0

	0.0%	26	0.01	0
	0.0%	16	0.00	0
	0.1%	30	0.01	0
	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	20	0.00	0
	0.0%	14	0.00	0
140	0.0%	10	0.00	0
	0.0%	30	0.01	0
	0.0%	20	0.01	0
	0.1%	36	0.01	0
	0.0%	14	0.00	0
	0.0%	28	0.01	0
	0.1%	26	0.01	0
	0.0%	38	0.01	0
	0.1%	32	0.01	0
	0.0%	12	0.00	0
150	0.0%	22	0.01	0
	0.0%	28	0.02	0
	0.0%	38	0.02	0
	0.1%	58	0.01	0
	0.0%	28	0.03	0
	0.2%	34	0.02	0
	0.0%	18	0.01	0
	0.0%	28	0.01	0
	0.2%	58	0.03	0
	0.2%	54	0.02	0
160	0.1%	46	0.02	0
	0.0%	40	0.01	0
	0.1%	30	0.01	0
	0.0%	32	0.01	0
	0.2%	34	0.03	0

	0.1%	44	0.02	0
	0.2%	48	0.02	0
	0.2%	50	0.02	0
	0.1%	54	0.02	0
	0.0%	46	0.07	0
170	0.3%	124	0.04	0
	0.1%	52	0.03	0
	0.2%	52	0.03	0
	0.2%	60	0.04	0
	0.1%	54	0.03	0
	0.4%	136	0.08	0
	0.1%	76	0.04	0
	0.1%	114	0.05	0
	0.0%	42	0.02	0
	0.2%	140	0.07	0
180	0.3%	126	0.07	0
	0.1%	52	0.03	0
	0.1%	126	0.06	0
	0.2%	62	0.03	0
	0.2%	54	0.02	0
	0.0%	36	0.04	0
	0.2%	96	0.06	0
	0.2%	102	0.06	0
	0.1%	106	0.05	0
	0.1%	100	0.04	0
190	0.3%	62	0.04	0
	0.2%	56	0.03	0
	0.1%	64	0.04	0
	0.2%	104	0.06	0
	0.2%	132	0.06	0
	0.2%	136	0.08	0
	0.2%	150	0.08	0
	0.1%	200	0.12	0
	0.3%	578	0.13	0

	0.2%	236	0.15	0
200	0.3%	258	0.38	0
	0.2%	242	0.11	0
	0.2%	276	0.14	0
	0.2%	386	0.20	0
	0.2%	362	0.20	0
	0.2%	434	0.23	0
	0.2%	578	0.29	0
	0.2%	608	0.32	0
	0.2%	680	0.38	0
	0.1%	600	0.31	0
210	0.2%	680	0.35	0
	0.2%	648	0.33	0
	0.2%	774	0.44	0
	0.3%	834	0.53	0
	0.3%	958	0.53	0
	0.2%	912	0.47	0
	0.2%	880	0.48	0
	0.2%	908	0.53	0
	0.3%	890	0.52	0
	0.2%	802	0.47	0
220	0.2%	998	0.55	0
	0.3%	984	0.52	0
	0.2%	834	0.44	0
	0.2%	804	0.40	0
	0.2%	774	0.47	0
	0.2%	838	0.56	0
	0.2%	786	0.39	0
	0.2%	726	0.44	0
	0.3%	588	0.47	0
	0.3%	764	0.42	0
230	0.2%	770	0.32	0
	0.2%	634	0.33	0
	0.3%	716	0.44	0

	0.2%	672	0.34	0
	0.3%	656	0.38	0
	0.2%	586	0.32	0
	0.2%	626	0.38	0
	0.3%	588	0.41	0
	0.1%	526	0.29	0
	0.2%	320	0.32	0
240	0.2%	556	0.31	0
	0.2%	548	0.18	0
	0.1%	506	0.27	0
	0.2%	320	0.21	0
	0.2%	434	0.28	0
	0.1%	458	0.18	0
	0.1%	364	0.17	0
	0.1%	348	0.18	0
	0.1%	384	0.18	0
	0.1%	332	0.22	0
250	0.1%	310	0.19	0
	0.1%	330	0.17	0
	0.1%	284	0.17	0
	0.1%	320	0.14	0
	0.1%	286	0.16	0
	0.1%	360	0.16	0
	0.1%	252	0.18	0
	0.1%	150	0.13	0
	0.1%	278	0.16	0
	0.1%	260	0.06	0
260	0.2%	226	0.12	0
	0.1%	284	0.14	0
	0.1%	262	0.14	0
	0.1%	236	0.12	0
	0.1%	150	0.10	0
	0.1%	150	0.13	0
	0.1%	206	0.06	0

	0.1%	198	0.06	0
	0.1%	166	0.11	0
	0.1%	150	0.08	0
270	0.1%	132	0.08	0
	0.0%	124	0.07	0
	0.1%	32	0.06	0
	0.1%	100	0.05	0
	0.1%	168	0.08	0
	0.1%	132	0.03	0
	0.1%	126	0.07	0
	0.2%	72	0.03	0
	0.0%	88	0.05	0
	0.0%	122	0.05	0
280	0.0%	32	0.06	0
	0.1%	64	0.07	0
	0.1%	32	0.03	0
	0.1%	104	0.04	0
	0.0%	82	0.03	0
	0.1%	66	0.05	0
	0.1%	32	0.02	0
	0.0%	46	0.02	0
	0.0%	46	0.03	0
	0.0%	52	0.07	0
290	0.1%	108	0.03	0
	0.0%	70	0.03	0
	0.0%	42	0.02	0
	0.1%	74	0.04	0
	0.0%	74	0.04	0
	0.1%	72	0.02	0

Tabela 37: 1000 Objetos Pre-Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

		235		
10				
60				
	1.0%		0.20	0
70				
		2		
	0.0%			0
	0.0%			
	0.0%	2	0.00	
	0.0%	4	0.00	0
		4		0
		4		0
80	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%		0.00	

		2	0.00	0
	0.0%			0
		2		
	0.0%	4		0
90			0.00	
			0.00	
	0.0%	4	0.00	0
			0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
100	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
110	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	24	0.00	0
	0.0%	10	0.01	0
	0.0%	22	0.00	0
	0.1%	16	0.00	0
	0.0%	4	0.01	0

	0.0%	24	0.01	0
	0.1%	4	0.00	0
	0.0%	10	0.00	0
120	0.0%	4	0.00	0
	0.1%	16	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.01	0
	0.0%	16	0.00	0
	0.0%	16	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
130	0.0%	20	0.00	0
	0.0%	26	0.01	0
	0.0%	16	0.01	0
	0.0%	10	0.00	0
	0.0%	16	0.01	0
	0.0%	16	0.00	0
	0.0%	20	0.00	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.1%	24	0.00	0
140	0.0%	24	0.01	0
	0.0%	10	0.01	0
	0.0%	26	0.01	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.0%	20	0.01	0
	0.0%	22	0.00	0
	0.0%	20	0.01	0
	0.0%	24	0.02	0
	0.0%	30	0.00	0
150	0.0%	18	0.00	0

	0.0%	22	0.01	0
	0.0%	44	0.01	0
	0.0%	28	0.01	0
	0.0%	16	0.01	0
	0.0%	14	0.00	0
	0.0%	24	0.01	0
	0.1%	22	0.01	0
	0.0%	24	0.02	0
	0.0%	24	0.01	0
160	0.1%	44	0.01	0
	0.1%	42	0.00	0
	0.1%	22	0.00	0
	0.0%	76	0.01	0
	0.0%	20	0.01	0
	0.1%	26	0.01	0
	0.0%	36	0.01	0
	0.0%	52	0.02	0
	0.1%	38	0.02	0
	0.0%	110	0.01	0
170	0.0%	40	0.04	0
	0.0%	86	0.01	0
	0.0%	34	0.01	0
	0.1%	38	0.01	0
	0.0%	84	0.04	0
	0.2%	70	0.05	0
	0.0%	48	0.01	0
	0.1%	102	0.05	0
	0.1%	50	0.04	0
	0.1%	38	0.01	0
180	0.1%	100	0.04	0
	0.2%	116	0.03	0
	0.0%	114	0.05	0
	0.1%	100	0.03	0
	0.1%	34	0.05	0

	0.0%	38	0.03	0
	0.1%	174	0.02	0
	0.1%	60	0.05	0
	0.1%	174	0.06	0
	0.1%	100	0.05	0
190	0.2%	92	0.01	0
	0.0%	150	0.03	0
	0.1%	106	0.03	0
	0.1%	166	0.03	0
	0.1%	178	0.14	0
	0.1%	174	0.05	0
	0.1%	320	0.14	0
	0.1%	294	0.07	0
	0.2%	424	0.05	0
	0.1%	514	0.10	0
200	0.1%	476	0.11	0
	0.1%	490	0.09	0
	0.1%	976	0.11	0
	0.1%	976	0.14	0
	0.1%	606	0.15	0
	0.1%	726	0.21	0
	0.2%	690	0.26	0
	0.2%	682	0.25	0
	0.2%	680	0.26	0
	0.2%	654	0.31	0
210	0.2%	778	0.38	0
	0.2%	976	0.43	0
	0.2%	1050	0.36	0
	0.2%	832	0.43	0
	0.2%	916	0.36	0
	0.1%	862	0.34	0
	0.1%	740	0.36	0
	0.2%	950	0.38	0
	0.2%	694	0.50	0

	0.2%	964	0.61	0
220	0.2%	928	0.43	0
	0.2%	694	0.47	0
	0.2%	848	0.48	0
	0.2%	880	0.38	0
	0.3%	744	0.48	0
	0.2%	768	0.56	0
	0.2%	780	0.60	0
	0.2%	694	0.33	0
	0.2%	582	0.42	0
	0.2%	568	0.49	0
230	0.2%	676	0.33	0
	0.2%	590	0.40	0
	0.3%	372	0.36	0
	0.2%	586	0.45	0
	0.2%	568	0.37	0
	0.3%	574	0.32	0
	0.2%	518	0.33	0
	0.2%	454	0.40	0
	0.3%	372	0.35	0
	0.3%	510	0.31	0
240	0.2%	422	0.26	0
	0.2%	412	0.18	0
	0.1%	360	0.31	0
	0.2%	372	0.26	0
	0.2%	348	0.22	0
	0.2%	340	0.28	0
	0.2%	344	0.25	0
	0.1%	294	0.18	0
	0.2%	214	0.21	0
	0.1%	296	0.18	0
250	0.1%	342	0.22	0
	0.2%	352	0.20	0
	0.2%	310	0.18	0

	0.1%	248	0.20	0
	0.1%	282	0.14	0
	0.1%	214	0.15	0
	0.1%	306	0.20	0
	0.1%	300	0.08	0
	0.1%	240	0.18	0
	0.2%	214	0.14	0
260	0.1%	184	0.12	0
	0.1%	148	0.17	0
	0.2%	98	0.17	0
	0.1%	190	0.17	0
	0.1%	160	0.08	0
	0.1%	116	0.13	0
	0.2%	118	0.12	0
	0.1%	162	0.11	0
	0.1%	128	0.08	0
	0.1%	110	0.07	0
270	0.1%	122	0.08	0
	0.1%	122	0.06	0
	0.1%	98	0.05	0
	0.0%	58	0.06	0
	0.1%	136	0.11	0
	0.1%	98	0.05	0
	0.1%	66	0.06	0
	0.1%	90	0.05	0
	0.1%	72	0.07	0
	0.2%	84	0.02	0
280	0.1%	58	0.06	0
	0.1%	56	0.06	0
	0.0%	66	0.04	0
	0.1%	74	0.03	0
	0.1%	118	0.06	0
	0.0%	56	0.04	0
	0.1%	30	0.03	0

	0.1%	74	0.05	0
	0.1%	82	0.03	0
	0.0%	72	0.04	0
290	0.1%	52	0.04	0
	0.0%	72	0.07	0
	0.0%	40	0.04	0
	0.1%	84	0.01	0
	0.1%	84	0.06	0
	0.1%	48	0.04	0

Tabela 38: 1000 Objetos Pre-Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.2%	240	0.14	0
	0.1%	120	4.02	0
	0.1%	7302	0.10	0
	0.1%	80	4.02	0
	3.5%	7302	0.05	0
	3.5%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
10	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	4.30	0
	0.1%	40	4.30	0
20	0.1%	40	0.02	0

	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.4%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.4%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	40	0.01	0
30	0.1%	40	0.02	0
	0.0%	40	0.02	0
	0.2%	40	0.01	0
	0.1%	40	0.02	0
	0.1%	80	0.03	0
	0.1%	40	0.02	0
	0.4%	40	0.03	0
	0.1%	40	0.03	0
	0.4%	40	0.03	0
	0.2%	40	0.02	0
40	0.1%	40	0.01	0
	0.0%	40	0.02	0
	0.1%	40	0.01	0
	0.1%	40	0.02	0
	0.1%	40	0.03	0
	0.0%	40	0.01	0
	0.1%	40	0.01	0
	0.1%		0.01	0
	0.0%	40	0.01	0
	0.1%	40	0.01	0
50	0.5%	40	0.09	0
	0.1%	40	0.01	0
	0.0%	40	0.02	0
		40		
	0.0%	40	0.02	0

	0.1%	40	0.01	0
	0.0%	40	0.01	0
	0.1%	46	0.01	0
	0.1%	40	0.03	0
	0.1%	80	0.01	0
60	0.1%	40	0.01	0
	0.1%	40	0.01	0
	0.1%	46	0.02	0
	0.1%	40	0.01	0
	0.0%	40	0.04	0
	0.2%	46	0.02	0
	0.1%	40	0.01	0
	0.1%	40	0.02	0
	0.0%	40	0.01	0
	0.1%	46	0.01	0
70	0.1%	46	0.02	0
	0.0%	46	0.01	0
	0.0%	46	0.01	0
	0.1%	64	0.02	0
	0.1%	54	0.07	0
	0.1%	54	0.01	0
	0.1%	56	0.02	0
	0.2%	56	0.02	0
	0.1%	60	0.03	0
	0.1%	64	0.03	0
80	0.3%	60	0.02	0
	0.1%	64	0.04	0
	0.3%	56	0.04	0
	0.2%	56	0.02	0
	0.2%	60	0.03	0
	0.1%	64	0.02	0
	0.2%	68	0.04	0
	0.1%	70	0.03	0
	0.1%	76	0.04	0

	0.2%	82	0.04	0
90	0.2%	92	0.02	0
	0.2%	114	0.04	0
	0.2%	98	0.03	0
	0.1%	98	0.03	0
	0.2%	94	0.06	0
	0.3%	114	0.11	0
	0.2%	100	0.04	0
	0.7%	102	0.06	0
	0.3%	104	0.05	0
	0.3%	114	0.18	0
100	0.3%	110	0.07	0
	0.6%	114	0.05	0
	0.3%	116	0.06	0
	0.3%	118	0.04	0
	0.2%	128	0.05	0
	0.3%	130	0.05	0
	0.4%	142	0.06	0
	0.2%	168	0.05	0
	0.3%	168	0.05	0
	0.3%	182	0.05	0
110	0.3%	182	0.08	0
	0.3%	184	0.06	0
	0.4%	188	0.08	0
	0.4%	182	0.06	0
	0.4%	246	0.06	0
	0.3%	246	0.07	0
	0.4%	192	0.08	0
	0.3%	190	0.08	0
	0.8%	176	0.07	0
	0.4%	188	0.08	0
120	0.4%	412	0.08	0
	0.5%	218	0.08	0
	0.5%	246	0.09	0

	0.4%	228	0.08	0
	0.4%	246	0.08	0
	0.4%	252	0.09	0
	0.2%	254	0.13	0
	1.4%	274	0.31	0
	0.9%	274	0.13	0
	0.6%	272	0.09	0
130	0.7%	276	0.10	0
	0.7%	274	0.12	0
	0.5%	276	0.11	0
	1.0%	282	0.11	0
	0.7%	568	0.14	0
	0.8%	296	0.13	0
	0.8%	274	0.14	0
	0.6%	294	0.13	0
	0.5%	304	0.12	0
	0.9%	290	0.13	0
140	0.6%	284	0.11	0
	0.9%	274	0.27	0
	0.8%	304	0.13	0
	0.7%	262	0.11	0
	0.5%	334	0.13	0
	1.2%	268	0.13	0
	0.6%	264	0.14	0
	0.6%	290	0.13	0
	0.9%	278	0.11	0
	0.7%	334	0.11	0
150	0.6%	304	0.14	0
	1.4%	286	0.11	0
	1.1%	302	0.13	0
	0.7%	314	0.16	0
	0.9%	304	0.11	0
	0.5%	334	0.21	0
	1.0%	496	0.14	0

	1.4%	304	0.14	0
	0.6%	308	0.17	0
	1.4%	326	0.21	0
160	0.9%	330	0.14	0
	1.8%	620	0.20	0
	1.4%	334	0.17	0
	0.8%	496	0.29	0
	1.2%	334	0.20	0
	2.5%	620	0.21	0
	0.7%	686	0.36	0
	1.4%	382	0.16	0
	2.5%	496	0.20	0
	1.2%	412	0.19	0
170	1.2%	620	0.21	0
	1.0%	444	0.26	0
	2.5%	452	0.24	0
	1.3%	1740	0.23	0
	1.1%	620	0.49	0
	2.6%	462	0.30	0
	2.5%	496	0.27	0
	1.1%	878	0.28	0
	2.1%	1040	0.32	0
	1.7%	570	0.57	0
180	2.1%	596	0.32	0
	1.0%	1740	0.37	0
	3.1%	612	0.74	0
	1.3%	620	0.42	0
	2.5%	1244	0.57	0
	3.5%	1740	0.48	0
	2.1%	660	0.83	0
	2.6%	1412	0.85	0
	3.6%	1740	0.78	0
	1.9%	878	0.77	0
190	2.1%	1740	0.40	0

	2.6%	5276	0.46	0
	2.7%	1500	0.85	0
	3.4%	1612	1.02	0
	2.3%	878	1.96	0
	2.4%	836	2.13	0
	2.1%	1702	1.80	0
	2.1%	10572	2.92	0
	2.7%	878	3.62	0
	2.7%	862	4.34	0
200	3.0%	878	4.71	0
	2.1%	878	5.00	0
	3.6%	1740	5.03	0
	2.7%	1694	5.05	0
	3.4%	5276	6.39	0
	3.1%	1672	6.84	0
	3.4%	854	7.38	0
	3.3%	5276	1.02	0
	3.2%	878	5.28	0
	3.2%	13356	6.38	0
210	3.4%	1778	6.42	0
	3.7%	10572	6.98	0
	3.7%	10572	1.56	0
	3.5%	1904	6.76	0
	4.0%	5276	7.52	0
	3.4%	5276	7.19	0
	3.4%	2006	5.53	0
	2.9%	3282	5.16	0
	3.6%	3856	4.84	0
	3.7%	10572	2.85	0
220	3.6%	5276	4.92	0
	3.7%	10572	4.48	0
	3.0%	5700	1.02	0
	3.4%	13356	1.02	0
	3.2%	7244	4.68	0

	3.4%	13356	5.04	0
	3.2%	9488	1.56	0
	3.8%	9448	4.86	0
	3.8%	10572	1.56	0
	3.3%	10988	4.56	0
230	3.4%	10664	4.16	0
	3.6%	10384	4.17	0
	3.7%	13394	4.30	0
	3.5%	13356	4.30	0
	3.9%	14366	0.95	0
	3.6%	13356	4.27	0
	3.6%	14356	4.29	0
	3.6%	13550	4.24	0
	3.5%	10784	3.72	0
	3.2%	13356	3.64	0
240	3.0%	9488	3.77	0
	3.0%	9488	3.86	0
	3.7%	13616	3.70	0
	3.8%	14720	3.56	0
	3.2%	14252	3.61	0
	2.9%	11476	3.47	0
	3.4%	10848	4.02	0
	3.2%	10624	4.02	0
	3.5%	6020	3.28	0
	3.7%	9684	3.32	0
250	3.2%	9414	2.73	0
	3.5%	9488	2.52	0
	3.5%	9440	3.02	0
	2.3%	9402	2.83	0
	3.6%	9488	2.85	0
	3.5%	9488	2.85	0
	3.7%	9464	2.37	0
	3.3%	9568	2.28	0
	3.0%	9112	2.04	0

	3.2%	9004	1.40	0
260	3.0%	8956	2.07	0
	3.6%	8884	1.96	0
	3.7%	8678	1.43	0
	3.4%	8354	1.47	0
	3.4%	7636	1.48	0
	3.4%	7688	1.40	0
	3.0%	7636	1.02	0
	3.3%	7718	1.55	0
	3.3%	7468	1.43	0
	3.7%	7388	1.02	0
270	3.5%	7418	1.02	0
	3.5%	7302	1.50	0
	4.0%	7302	1.56	0
	3.1%	7334	1.43	0
	3.6%	2916	0.96	0
	3.2%	7022	1.56	0
	3.4%	5756	1.55	0
	2.5%	5708	1.56	0
	2.9%	5294	1.60	0
	2.9%	6136	1.03	0
280	2.9%	6020	0.96	0
	3.4%	6020	0.98	0
	3.4%	5880	1.91	0
	3.4%	4934	1.42	0
	3.4%	3922	0.95	0
	2.3%	4042	0.91	0
	3.3%	3012	0.95	0
	3.2%	4008	1.43	0
	3.0%	4022	0.95	0
	3.0%	2996	1.04	0
290	2.7%	3040	1.02	0
	2.9%	2946	0.94	0
	3.3%	2924	1.34	0

	3.3%	3064	0.95	0
	1.9%	3106	1.04	0
	3.5%	2118	0.93	0

Tabela 39: 1000 Objetos Pre-Runtime Circle OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				
	0.6%	4	0.09	0
40				

	0.0%	6	0.00	0
	0.0%	2	0.00	0
50				
	0.0%	8	0.00	0
60				
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
70	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0

80	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
90				
	0.0%	8	0.00	0
	0.0%	6	0.00	0
100	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
110	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
120				
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
130	0.0%	2	0.00	0
	0.0%	2	0.00	0
140	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
	0.0%	4	0.00	0
150	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
160	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
170	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
180	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
190				
	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
200	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
210	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
220	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
230				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.01	0

250				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
260	0.0%	2	0.00	0
	0.0%	2	0.00	0
270				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
280				

	0.0%	2	0.00	0
	0.0%	2	0.00	0
290				
	0.0%	2	0.00	0

Tabela 40: 1000 Objetos Pre-Runtime Circle OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.6%	4	0.10	0

	0.0%	8	0.00	0
	0.0%			
70				
		2	0.00	0
	0.0%	4	0.00	0
	0.0%	4		
80			0.01	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
90				
	0.0%	2	0.00	0

100				
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
110				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
120	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		
130			0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
140	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
150	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
		2	0.00	0
	0.0%	2		
160				
			0.01	0
	0.0%	2		0
			0.00	
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
170	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
180				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
190		4	0.00	0
	0.0%			
		4	0.00	0
	0.0%	2		
			0.00	0
	0.0%	2		0
			0.00	
	0.0%	4	0.00	0
	0.0%	2	0.00	0
200	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
210	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
220	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
230	0.0%	4	0.00	0
	0.0%			

		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
240	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
250				
	0.0%	2	0.00	0
260				
	0.0%	2	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
		2	0.00	0
	0.0%	2		

270				
			0.00	0
	0.0%	2		
			0.00	0
	0.0%	2		
280			0.00	0
	0.0%	2		
290				
			0.00	0
	0.0%	6		
			0.00	0
	0.0%	2		

Tabela 41: 1000 Objetos Pre-Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
30				
	0.7%	4	0.05	0
	0.0%	4	0.13	0
40	0.0%	64	0.05	0
	0.2%	4	0.00	0
	0.2%	64	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.01	0
			0.01	0
	0.0%	10		
	0.0%	12	0.01	0
	0.0%	12	0.00	0
50	0.0%	12	0.01	0
	0.0%	12	0.01	0
	0.0%	12	0.01	0
	0.0%	32	0.01	0
	0.0%	12	0.00	0

	0.0%	12	0.01	0
	0.0%	12	0.01	0
	0.0%	12	0.01	0
	0.0%	32	0.01	0
	0.1%	32	0.03	0
60	0.1%	20	0.01	0
	0.1%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	16	0.01	0
	0.0%	16	0.00	0
	0.0%	16	0.01	0
	0.1%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	20	0.01	0
	0.0%	20	0.01	0
70	0.0%	28	0.01	0
	0.0%	20	0.01	0
	0.0%	26	0.01	0
	0.0%	28	0.08	0
	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.5%	28	0.08	0
	0.0%	28	0.02	0
	0.1%	34	0.08	0
	0.1%	34	0.02	0
80	0.0%	30	0.02	0
	0.1%	30	0.01	0
	0.0%	22	0.02	0
	0.0%	24	0.01	0
	0.1%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	30	0.01	0
	0.0%	30	0.01	0

	0.0%	24	0.01	0
90	0.0%	24	0.02	0
	0.1%	30	0.02	0
	0.3%	30	0.02	0
	0.1%	32	0.03	0
	0.2%	32	0.02	0
	0.2%	32	0.05	0
	0.1%	40	0.03	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.2%	40	0.02	0
100	0.2%	38	0.02	0
	0.1%	44	0.02	0
	0.1%	46	0.02	0
	0.2%	44	0.02	0
	0.1%	44	0.03	0
	0.2%	46	0.02	0
	0.1%	48	0.02	0
	0.1%	46	0.01	0
	0.1%	44	0.02	0
	0.1%	44	0.02	0
110	0.1%	46	0.02	0
	0.3%	54	0.02	0
	0.1%	56	0.03	0
	0.2%	56	0.03	0
	0.3%	58	0.03	0
	0.1%	60	0.06	0
	0.3%	60	0.05	0
	0.1%	64	0.02	0
	0.1%	62	0.02	0
	0.1%	66	0.03	0
120	0.1%	64	0.02	0
	0.1%	132	0.05	0
	0.9%	64	0.19	0

	0.3%	64	0.03	0
	0.2%	60	0.03	0
	0.1%	62	0.02	0
	0.1%	62	0.02	0
	0.1%	60	0.03	0
	0.1%	62	0.02	0
	0.2%	66	0.06	0
130	0.2%	66	0.03	0
	0.1%	66	0.05	0
	0.1%	66	0.03	0
	0.2%	66	0.03	0
	0.1%	66	0.03	0
	0.1%	66	0.03	0
	0.1%	66	0.03	0
	0.3%	130	0.05	0
	0.3%	66	0.05	0
	0.2%	64	0.03	0
140	0.2%	66	0.03	0
	0.1%	66	0.03	0
	0.1%	68	0.03	0
	0.3%	66	0.03	0
	0.3%	66	0.03	0
	0.1%	66	0.03	0
	0.2%	64	0.03	0
	0.2%	60	0.03	0
	0.1%	58	0.04	0
	0.1%	58	0.03	0
150	0.2%	60	0.02	0
	0.1%	62	0.03	0
	0.2%	64	0.03	0
	0.1%	64	0.03	0
	0.3%	64	0.03	0
	0.1%	62	0.05	0
	0.3%	60	0.03	0

	0.1%	58	0.04	0
	0.3%	58	0.03	0
	0.2%	62	0.06	0
160	0.1%	68	0.03	0
	0.4%	136	0.04	0
	0.3%	70	0.07	0
	0.2%	68	0.04	0
	0.2%	70	0.03	0
	0.3%	70	0.06	0
	0.3%	70	0.05	0
	0.2%	74	0.05	0
	0.1%	72	0.04	0
	0.4%	76	0.03	0
170	0.2%	76	0.05	0
	0.1%	76	0.04	0
	0.4%	152	0.03	0
	0.1%	78	0.08	0
	0.2%	76	0.03	0
	0.3%	78	0.03	0
	0.1%	76	0.05	0
	0.5%	154	0.04	0
	0.1%	76	0.10	0
	0.2%	152	0.03	0
180	0.1%	76	0.08	0
	0.2%	150	0.04	0
	0.3%	140	0.08	0
	0.1%	72	0.07	0
	0.2%	148	0.03	0
	0.3%	72	0.08	0
	0.1%	72	0.06	0
	0.2%	144	0.04	0
	0.2%	144	0.07	0
	0.2%	144	0.08	0
190	0.2%	146	0.07	0

	0.2%	74	0.07	0
	0.2%	72	0.03	0
	0.1%	72	0.03	0
	0.2%	144	0.03	0
	0.2%	144	0.07	0
	0.2%	136	0.07	0
	0.2%	136	0.09	0
	0.4%	136	0.09	0
	0.5%	198	0.15	0
200	0.2%	202	0.32	0
	0.2%	200	0.13	0
	0.2%	198	0.11	0
	0.1%	254	0.15	0
	0.2%	244	0.13	0
	0.2%	296	0.16	0
	0.1%	372	0.19	0
	0.1%	374	0.24	0
	0.1%	374	0.20	0
	0.1%	380	0.20	0
210	0.1%	396	0.22	0
	0.1%	410	0.25	0
	0.1%	420	0.22	0
	0.1%	424	0.25	0
	0.1%	428	0.24	0
	0.1%	410	0.25	0
	0.1%	386	0.22	0
	0.1%	384	0.35	0
	0.1%	324	0.22	0
	0.1%	380	0.16	0
220	0.1%	388	0.24	0
	0.1%	418	0.24	0
	0.1%	418	0.27	0
	0.1%	396	0.25	0
	0.1%	376	0.36	0

	0.1%	388	0.26	0
	0.1%	360	0.21	0
	0.1%	352	0.23	0
	0.1%	348	0.20	0
	0.1%	340	0.21	0
230	0.2%	348	0.19	0
	0.1%	362	0.34	0
	0.1%	368	0.21	0
	0.1%	352	0.23	0
	0.1%	340	0.20	0
	0.1%	348	0.23	0
	0.1%	348	0.23	0
	0.1%	370	0.23	0
	0.1%	390	0.23	0
	0.2%	384	0.24	0
240	0.1%	392	0.27	0
	0.1%	390	0.21	0
	0.1%	384	0.25	0
	0.2%	394	0.22	0
	0.1%	384	0.26	0
	0.2%	376	0.21	0
	0.2%	372	0.23	0
	0.1%	372	0.25	0
	0.2%	368	0.22	0
	0.2%	350	0.24	0
250	0.2%	344	0.23	0
	0.1%	344	0.21	0
	0.2%	354	0.20	0
	0.2%	348	0.23	0
	0.3%	348	0.24	0
	0.2%	280	0.32	0
	0.2%	280	0.17	0
	0.2%	280	0.17	0
	0.1%	336	0.19	0

	0.2%	336	0.19	0
260	0.2%	348	0.20	0
	0.2%	300	0.20	0
	0.2%	248	0.17	0
	0.2%	250	0.17	0
	0.1%	190	0.15	0
	0.3%	248	0.10	0
	0.2%	246	0.20	0
	0.2%	186	0.15	0
	0.2%	186	0.10	0
	0.2%	188	0.10	0
270	0.2%	186	0.10	0
	0.2%	186	0.12	0
	0.2%	186	0.10	0
	0.2%	186	0.10	0
	0.1%	124	0.11	0
	0.2%	186	0.08	0
	0.2%	186	0.12	0
	0.1%	120	0.12	0
	0.2%	184	0.06	0
	0.2%	186	0.12	0
280	0.2%	184	0.10	0
	0.1%	122	0.10	0
	0.2%	124	0.06	0
	0.2%	120	0.06	0
	0.2%	186	0.11	0
	0.2%	186	0.11	0
	0.1%	124	0.10	0
	0.3%	186	0.06	0
	0.2%	186	0.16	0
	0.2%	186	0.13	0
290	0.2%	124	0.09	0
	0.1%	124	0.06	0
	0.2%	124	0.06	0

	0.2%	124	0.07	0
	0.2%	172	0.08	0
	0.2%	112	0.11	0

Tabela **42**: 1000 Objetos Pre-Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	19.3%	6	12.27	800000
	41.1%	3	12.75	426600
	41.1%	2	6.02	284400
	45.2%	1	4.22	142200
	26.5%	1	2.53	142200
	18.5%	1	2.54	142200
	15.4%	1	2.54	142200
	14.1%	1	4.30	142200
10	17.1%	1	2.74	142200
	22.6%	1	2.65	142200
	18.1%	1	4.17	177700
	17.6%	1	2.85	142200
	17.1%	1	2.74	142200
	22.6%	1	2.63	142200
	17.1%	1	4.20	177700
	16.5%	1	2.85	177700
	16.6%	1	2.69	142200
	22.0%	1	2.85	142200
20	17.8%	1	2.64	142200
	17.8%	1	2.72	142200
	17.3%	1	4.16	142200
	16.5%	1	2.58	142200
	21.5%	1	2.58	142200
	17.7%	1	4.14	142200
	16.4%	1	2.70	142200

	21.8%	1	4.63	142200
	10.0%	1	4.25	142200
	27.1%	1	2.86	142200
30	19.4%	1	2.42	142200
	14.4%	1	5.16	142200
	26.6%	1	11.93	284400
	50.2%	1	7.74	142200
	51.9%	1	3.38	142200
	51.6%	1	2.69	142200
	50.2%	1	2.77	455000
	51.6%	1	4.58	142200
	28.3%	1	2.77	455000
	17.2%	1	3.27	142300
40	51.6%	1	3.27	142200
	18.7%	1	3.19	455000
	42.9%	1	3.12	142200
	26.2%	1	3.27	1200000
	20.8%	1	2.75	142200
	42.9%	1	4.45	1200000
	17.1%	1	2.84	142200
	24.9%	1	2.91	142300
	17.2%	1	4.50	
	17.5%	1		142200
50	25.1%	1	2.80	142200
	22.6%		4.33	255900
		1	2.73	142200
	17.5%	1	2.82	142200
	13.3%	1	2.62	255900
	16.6%	1	3.83	142200
	22.6%	1	2.82	142200
	18.2%	1	4.58	142200
	21.8%	1	2.62	142200
	28.0%	1	2.53	142200
60	17.8%	1	3.99	142200

	15.6%	1	2.45	142200
	21.8%	1	10.61	142200
	9.7%	1	2.97	142200
	61.9%	2	4.81	142200
	26.0%	1	2.62	142200
	21.2%	1	2.46	142200
	27.4%	1	4.55	177700
	17.1%	1	2.69	142200
	17.5%	1	2.69	163600
70	14.7%	1	2.85	163600
	17.1%	1	4.35	177700
	18.4%	1	2.95	177700
	24.3%	1	2.85	177700
	19.7%	1	4.66	177700
	16.9%	1	2.96	192000
	25.4%	1	12.10	192000
	19.1%	1	4.81	206200
	42.9%	1	3.21	213300
	19.9%	1	3.38	220400
80	17.5%	1	5.06	255900
	27.5%	1	2.66	227500
	27.8%	1	3.76	227500
	51.6%	1	4.76	248800
	21.5%	1	2.82	455000
	17.5%	1	2.74	255900
	51.6%	1	2.98	455000
	21.5%	1	2.82	800000
	26.5%	1	3.27	277300
	20.3%	1	3.27	800000
90	21.5%	1	3.73	327000
	16.7%	1	4.79	348400
	26.4%	1	3.11	800000
	20.8%	1	3.73	348400
	11.1%	1	3.06	362600

	31.3%	1	6.94	455000
	51.6%	1	4.03	405200
	21.9%	1	3.73	426600
	35.5%	1	3.69	440800
	33.9%	1	7.88	455000
100	51.6%	1	3.93	800000
	32.8%	1	2.94	504800
	21.5%	1	3.27	800000
	21.5%	1	4.71	497700
	24.2%	1	11.75	1100000
	22.4%	1	4.61	500000
	25.7%	1	3.30	600000
	19.6%	1	3.27	1100000
	26.1%	1	3.73	800000
	22.6%	1	3.35	700000
110	25.7%	1	3.73	1100000
	28.0%	1	3.81	700000
	25.7%	1	4.93	800000
	21.5%	1	15.55	800000
	25.0%	1	12.11	800000
	51.6%	1	3.73	1100000
	37.7%	1	15.55	800000
	21.5%	1	15.55	1600000
	22.4%	1	4.56	1100000
	28.4%	1	3.37	900000
120	25.7%	1	4.58	1200000
	21.7%	1	3.45	1100000
	25.7%	1	3.73	1000000
	22.8%	1	4.81	1100000
	26.4%	1	15.55	1100000
	40.6%	1	3.92	1000000
	30.4%	1	15.55	1200000
	61.3%	1	3.95	1200000
	25.7%	1	3.88	1100000

	37.2%	1	15.55	1100000
130	24.1%	2	4.06	2200000
	25.4%	1	4.16	1100000
	54.7%	1	15.57	1200000
	30.4%	1	4.99	1100000
	30.4%	1	4.24	1100000
	38.6%	1	5.77	1100000
	25.7%	1	4.21	1200000
	27.9%	1	4.06	1200000
	26.1%	1	15.55	1100000
	30.4%	1	4.06	1100000
140	55.9%	1	6.82	1100000
	56.2%	1	4.06	1100000
	47.0%	1	4.89	1700000
	30.4%	1	6.30	1200000
	30.4%	1	4.06	1200000
	33.9%	2	4.06	1200000
	55.5%	1	3.99	1200000
	30.5%	1	5.93	1200000
	24.2%	1	4.51	1700000
	30.4%	1	5.43	1300000
150	40.9%	1	5.30	1700000
	29.3%	1	13.09	1300000
	27.2%	1	4.35	1300000
	30.5%	1	5.36	1700000
	14.2%	1	4.06	1300000
	30.5%	1	3.84	1500000
	55.8%	1	9.12	1600000
	59.1%	1	13.07	1700000
	40.6%	1	5.30	1600000
	30.5%	1	7.88	1700000
160	42.9%	1	5.30	6000000
	40.3%	1	6.45	1700000
	34.5%	1	4.68	1800000

	30.5%	1	15.30	1900000
	53.8%	1	5.30	1900000
	74.5%	1	6.60	6000000
	50.9%	1	4.48	2000000
	30.5%	1	13.69	6000000
	50.6%	1	6.18	4300000
	46.5%	1	5.30	2200000
170	30.7%	1	13.99	2300000
	74.5%	2	5.30	2500000
	61.1%	1	5.31	2500000
	74.5%	1	5.51	6000000
	43.5%	1	15.86	2700000
	31.8%	1	13.99	5600000
	70.6%	1	13.99	2800000
	74.5%	1	18.24	6000000
	41.1%	1	5.61	6300000
	61.5%	1	11.41	3200000
180	74.5%	1	18.75	7300000
	42.0%	1	13.99	6700000
	63.5%	1	12.92	7300000
	76.3%	1	22.71	3400000
	63.5%	2	13.99	3300000
	64.9%	1	23.04	6700000
	70.3%	1	9.11	7300000
	75.7%	1	28.44	6600000
	63.5%	1	28.44	6500000
	57.5%	2	16.74	3300000
190	66.5%	1	23.99	3400000
	76.9%	2	28.44	6900000
	78.9%	1	26.32	7300000
	80.1%	2	24.98	7100000
	78.5%	2	8.71	7300000
	63.5%	1	7.31	42300000
	56.7%	2	16.87	8000000

	63.5%	1	23.86	12800000
	78.2%	1	24.38	42300000
	77.8%	2	28.44	13600000
200	91.9%	2	28.69	14400000
	63.3%	2	28.44	42300000
	81.0%	2	30.53	15100000
	91.9%	1	39.39	20800000
	86.6%	1	163.37	22100000
	91.9%	2	49.60	34200000
	86.1%	2	65.03	36600000
	87.2%	2	162.05	40800000
	90.4%	2	115.24	42300000
	89.6%	2	163.37	42300000
210	84.1%	2	109.21	47700000
	93.6%	3	163.37	42000000
	92.7%	3	128.13	41100000
	91.9%	3	126.82	45500000
	91.9%	3	125.17	51900000
	84.0%	4	162.05	55600000
	92.5%	5	162.05	56400000
	89.6%	6	173.69	47700000
	89.6%	6	163.37	47700000
	93.5%	6	113.02	53800000
220	87.1%	6	163.37	43100000
	94.5%	6	181.18	36900000
	93.0%	6	164.02	53000000
	87.2%	6	149.77	56600000
	94.8%	6	162.05	55600000
	89.6%	5	168.10	47700000
	90.2%	6	162.05	52500000
	94.3%	6	163.23	48800000
	89.6%	6	162.02	47700000
	93.7%	6	113.02	36900000
230	91.5%	6	170.98	43400000

	87.3%	6	113.02	36900000
	92.9%	6	182.84	40400000
	90.2%	6	140.92	38800000
	93.5%	6	136.56	37400000
	92.8%	6	105.93	27600000
	90.2%	6	139.85	38200000
	93.7%	6	113.02	36900000
	93.1%	6	128.09	37200000
	81.3%	6	113.02	36800000
240	92.9%	6	115.99	37600000
	90.2%	6	117.72	36900000
	92.2%	6	124.43	37100000
	90.2%	6	114.40	35200000
	93.0%	5	105.93	34600000
	83.1%	6	120.27	27600000
	92.0%	6	103.31	33500000
	93.5%	6	125.78	31500000
	81.3%	6	105.93	29200000
	85.3%	6	52.30	11400000
250	92.3%	6	118.25	29100000
	82.3%	6	105.93	27600000
	91.6%	6	104.73	29100000
	81.3%	5	94.81	27600000
	90.0%	6	100.86	29200000
	81.3%	6	105.93	28200000
	82.2%	3	102.37	28000000
	92.1%	6	87.10	27800000
	91.6%	5	92.30	27600000
	90.7%	6	106.95	26800000
260	91.0%	5	89.75	26300000
	81.3%	6	52.30	21800000
	90.9%	6	93.40	11400000
	89.7%	6	44.93	20100000
	82.3%	5	81.89	10900000

	90.0%	5	75.61	23300000
	78.3%	6	52.30	22100000
	90.2%	6	71.80	11400000
	89.2%	6	52.30	18600000
	82.3%	5	92.31	14900000
270	90.3%	3	74.90	11400000
	89.4%	3	61.66	11300000
	82.3%	4	56.94	15200000
	85.2%	4	52.30	15000000
	88.1%	3	42.64	11400000
	71.1%	3	55.33	11100000
	87.8%	4	53.01	11200000
	82.3%	3	26.22	10600000
	83.4%	3	44.93	10900000
	85.3%	3	45.71	11500000
280	85.6%	3	36.52	11600000
	83.9%	3	44.93	7800000
	68.8%	3	43.15	10900000
	84.2%	3	44.90	11500000
	82.6%	3	35.18	11300000
	81.0%	3	35.68	7600000
	80.3%	3	44.93	11600000
	85.2%	2	33.74	11600000
	78.9%	3	34.44	11500000
	84.2%	3	35.49	10900000
290	79.0%	3	44.93	7600000
	79.3%	3	35.76	10600000
	84.4%	2	27.85	7400000
	84.7%	3	26.22	10900000
	58.6%	2	25.42	10800000
	87.2%	2	34.50	10600000

A.2.1 UM OBJETO POR SEGUNDO

Tabela 43: 1 Objeto por segundo Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50				
	0.5%	2	0.08	0
60				

		1	0.00	0
70				
80				
	0.0%			
		2	0.00	0
90				
150				
	0.0%			
		2	0.00	0
160				
190				

	0.0%			
		2	0.01	0
200				
210	0.0%			
		2	0.00	0
	0.0%			
220		1	0.00	0
250				
	0.0%			
		1	0.00	0

	0.0%			
		1	0.00	0
260				
	0.0%			
		1	0.00	0
	0.0%			
		1	0.00	0
270				
	0.0%			
		2	0.00	0
	0.0%			
	0.0%	2	0.00	0
280				
	0.0%	2	0.00	0

Tabela 44: 1 Objeto por segundo Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50				
	0.4%	2	0.08	0
60				
180	0.0%	2	0.00	0
	0.0%			

190				
		2	0.00	0
	0.0%			
200		2	0.00	0
	0.0%	2		
210				
250				
			0.00	0
	0.0%	1		0
			0.00	
	0.0%	1	0.00	0

260				
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
270				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
280				
	0.0%	2	0.00	0
	0.0%	2	0.00	0

Tabela 45: 1 Objeto por segundo Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50				
	0.5%	2	0.08	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
60				
		1	0.00	0

70	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
80	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
90	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.1%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
100	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0

	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
110	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
120	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	6	0.01	0
	0.2%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
130	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0

	0.0%	3	0.00	0
	0.0%			0
140		3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
150	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	5	0.02	0
	0.3%	6	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
160	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
170	0.0%	5	0.00	0
	0.0%	5	0.00	0

	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
180	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	5	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
190	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
200	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
210	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
220	0.0%	1	0.00	0
	0.1%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
230	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0

240	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
250	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
260	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
270	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0

	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
280	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	6	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0

Tabela 46: 1 Objeto por segundo Runtime Circle OnTrigge-rEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40				

	1.6%	1	0.25	32
50				
	0.0%	1	0.00	0
	0.0%			
60				
160				
		1	0.00	0
	0.0%			
170				

180				
		1	0.00	0
	0.0%	1		
190				
270			0.00	0
	0.0%	1		0
280				

Tabela 47: 1 Objeto por segundo Runtime Circle OnTrigge-
rExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.7%	1	0.13	0
70				
190				

	0.0%	1	0.01	0
	0.0%			
200				
210				
		1	0.00	0
	0.0%			
220				
280				

Tabela 48: 1 Objeto por segundo Runtime Circle OnTrig-
gerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
40				
	0.5%	1	0.09	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
50	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

60	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
70	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
80	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
90	0.0%	1	0.00	0
	0.2%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
100	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.01	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
110	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
120	0.0%	1	0.01	0
	0.2%	2	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
130	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
			0.00	0
	0.0%	1		0
	0.0%	1	0.00	
	0.0%	1	0.00	0
	0.0%	1	0.00	0
140	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
150	0.0%	1	0.00	0
	0.6%	2	0.00	0
	0.0%	1	0.03	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
160	0.0%	1	0.00	0
	0.0%	1	0.00	0

	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.1%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
170	0.1%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.1%	2	0.01	0
	0.0%	2	0.01	0
	0.1%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
180	0.0%	2	0.00	0
	0.1%	2	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.1%	3	0.00	0
	0.1%	3	0.01	0
	0.0%	3	0.01	0
	0.1%	3	0.00	0
190	0.0%	3	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
200	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
210	0.0%	2	0.00	0
	0.2%	2	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0
220	0.0%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0

230	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
240	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
250	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
260	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.01	0

	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.1%	1	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
270	0.0%	2	0.00	0
	0.1%	4	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.00	0
280	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

Tabela 49: 1 Objeto por segundo Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	1.2%	6	0.40	0
	1.0%	2	0.11	0

	1.2%	1	0.12	14200
	1.2%	1	0.07	0
	1.3%	1	0.21	14200
	0.4%	1	0.07	14200
	0.4%	1	0.21	0
	0.3%	1	0.21	0
10	0.4%	1	0.06	0
	0.3%	1	0.07	0
	0.5%	1	0.07	0
	0.4%	1	0.07	0
	0.4%	1	0.07	0
	0.4%	1	0.07	0
	0.4%	1	0.07	0
	0.5%	1	0.08	0
	0.4%	1	0.08	0
	0.5%	1	0.08	0
20	0.4%	1	0.08	0
	0.4%	1	0.07	0
	0.5%	1	0.08	0
	0.4%	1	0.07	0
	0.4%	1	0.08	0
	0.5%	1	0.09	0
	0.5%	1	0.07	0
	0.5%	1	0.08	0
	0.4%	1	0.07	0
	0.4%	1	0.08	0
30	0.4%	1	0.07	0
	0.4%	1	0.08	0
	0.5%	1	0.07	0
	0.4%	1	0.08	0
	0.3%	1	0.08	0
	0.3%	1	0.08	0
	3.0%	1	0.06	0
	0.4%	1	0.20	0

	0.4%	1	0.07	0
	0.4%	1	0.07	0
40	0.4%	1	0.07	0
	0.5%	1	0.08	0
	0.5%	1	0.08	0
	0.5%	1	0.07	0
	0.4%	1	0.08	0
	0.5%	1	0.08	72
	0.5%	1	0.09	0
	0.5%	1	0.08	0
	0.5%	1	0.09	0
	1.1%	1	0.44	0
50	0.6%	1	0.19	0
	0.6%	1	0.10	0
	0.5%	1	0.09	0
	0.5%	1	0.10	0
	0.6%	1	0.09	0
	0.5%	1	0.09	0
	0.5%	1	0.09	0
	0.5%	1	0.10	7100
	0.7%	1	0.08	3600
	0.7%	1	0.12	7100
60	0.5%	1	0.09	7100
	1.5%	1	0.25	7100
	1.5%	1	0.24	7100
	0.9%	1	0.13	0
	0.7%	1	0.15	0
	1.0%	1	0.13	0
	0.3%	1	0.22	3600
	0.7%	1	0.10	0
	0.8%	1	0.18	0
	5.2%	1	0.39	0
70	0.7%	1	0.11	0
	1.4%	1	0.23	3600

	0.7%	1	0.13	3600
	0.7%	1	0.13	3600
	0.5%	1	0.10	3600
	0.8%	1	0.10	3600
	0.8%	1	0.13	3600
	0.7%	1	0.12	3600
	0.6%	1	0.12	3600
	0.7%	1	0.13	3600
80	0.8%	1	0.13	3600
	0.7%	1	0.13	3600
	0.8%	1	0.13	3600
	0.7%	1	0.12	3600
	0.8%	1	0.13	3600
	0.7%	1	0.12	3600
	0.8%	1	0.13	3600
	0.7%	1	0.12	3600
	0.8%	1	0.13	3600
	0.7%	1	0.13	3600
90	0.8%	1	0.13	3600
	0.8%	1	0.13	3600
	0.9%	1	0.13	3600
	0.7%	1	0.13	10700
	0.8%	1	0.13	3600
	0.8%	1	0.14	10700
	0.8%	1	0.13	10700
	0.9%	1	0.15	10700
	0.9%	1	0.16	10700
	0.5%	1	0.16	10700
100	0.8%	1	0.20	10700
	5.9%	1	0.29	10700
	0.9%	1	0.15	10700
	0.9%	1	0.16	10700
	0.9%	1	0.16	10700
	0.9%	1	0.16	10700

	1.0%	1	0.15	10700
	0.9%	1	0.16	10700
	0.9%	1	0.15	10700
	0.9%	1	0.15	10700
110	0.9%	1	0.16	10700
	0.9%	1	0.16	10700
	1.0%	1	0.16	10700
	0.9%	1	0.17	10700
	1.0%	1	0.16	10700
	0.9%	1	0.19	10700
	1.0%	1	0.19	10700
	0.9%	1	0.17	10700
	1.1%	1	0.19	10700
	1.1%	1	0.17	10700
120	0.9%	1	0.18	10700
	1.0%	1	0.16	10700
	0.9%	1	0.16	10700
	1.1%	1	0.16	10700
	1.2%	1	0.15	10700
	1.8%	1	0.19	10700
	0.9%	1	0.31	10700
	0.9%	1	0.47	10700
	2.3%	1	0.27	10700
	1.9%	1	0.21	10700
130	1.4%	1	0.23	10700
	0.8%	1	0.16	10700
	1.4%	1	0.16	10700
	9.6%	2	0.33	10700
	1.0%	1	0.48	10700
	1.0%	1	0.16	10700
	0.9%	1	0.16	10700
	1.0%	1	0.16	10700
	1.0%	1	0.16	10700
	0.9%	1	0.17	10700

140	1.0%	1	0.16	10700
	1.0%	1	0.16	10700
	1.0%	1	0.17	10700
	1.0%	1	0.17	10700
	1.0%	1	0.17	
	1.0%	1	0.18	10700
	1.0%	1	0.19	10700
	1.2%	1	0.16	10700
	1.0%	1	0.17	10700
				10700
150	1.0%	1	0.20	10700
	1.0%	1	0.16	10700
	1.1%	1	0.16	10700
	1.0%	1	0.19	10700
	1.0%	1	0.16	10700
	0.9%	1	0.16	10700
	1.0%	1	0.16	10700
	1.0%	1	0.16	10700
	1.0%	1	0.16	17800
	0.9%	1	0.16	10700
160	1.0%	1	0.16	10700
	1.0%	1	0.16	10700
	1.0%	1	0.18	21300
	0.6%	1	0.17	17800
	0.6%	1	0.15	10700
	8.6%	2	0.47	10700
	1.0%	1	0.16	17800
	1.0%	1	0.18	17800
	1.0%	1	0.16	17800
	1.0%	1	0.16	17800
170	1.0%	1	0.17	17800
	1.0%	1	0.17	17800
	1.1%	1	0.17	17800
	1.1%	1	0.18	17800

	1.1%	1	0.18	17800
	1.0%	1	0.18	17800
	1.2%	1	0.18	17800
	1.1%	1	0.18	17800
	1.0%	1	0.16	17800
	1.0%	1	0.18	17800
180	1.1%	1	0.18	17800
	1.1%	1	0.18	17800
	1.0%	1	0.17	17800
	0.9%	1	0.19	17800
	1.0%	1	0.17	17800
	1.1%	1	0.16	17800
	1.0%	1	0.19	17800
	1.0%	1	0.18	17800
	1.0%	1	0.18	10700
	0.9%	1	0.20	17800
190	1.6%	1	0.16	17800
	1.1%	1	0.18	17800
	1.2%	1	0.18	17800
	1.0%	1	0.18	10700
	0.6%	1	0.17	10700
	1.2%	1	0.16	10700
	1.0%	1	0.29	10700
	3.1%	1	0.18	10700
	1.1%	1	0.18	10700
	0.9%	1	0.16	10700
200	1.1%	1	0.17	10700
	1.0%	1	0.17	10700
	1.2%	1	0.18	10700
	1.0%	1	0.21	3600
	1.1%	1	0.18	10700
	1.1%	1	0.19	10700
	1.0%	1	0.18	10700
	1.0%	1	0.16	10700

	1.0%	1	0.15	10700
	0.9%	1	0.17	3600
210	1.0%	1	0.16	3600
	1.2%	1	0.16	10700
	1.2%	1	0.20	10700
	1.0%	1	0.19	3600
	1.0%	1	0.18	3600
	1.1%	1	0.18	3600
	0.9%	1	0.19	3600
	1.0%	1	0.15	3600
	1.2%	1	0.14	10700
	0.8%	1	0.15	3600
220	0.9%	1	0.15	3600
	0.9%	1	0.15	3600
	0.9%	1	0.15	3600
	1.0%	1	0.17	3600
	1.0%	1	0.17	3600
	0.9%	1	0.16	10700
	0.4%	1	0.16	10700
	0.9%	1	0.15	10700
	4.5%	1	0.15	10700
	1.0%	1	0.27	10700
230	1.2%	1	0.15	10700
	1.0%	1	0.17	10700
	1.0%	1	0.16	10700
	1.2%	1	0.19	10700
	1.0%	1	0.20	14200
	1.0%	1	0.17	14200
	0.9%	1	0.16	14200
	1.0%	1	0.17	14200
	0.9%	1	0.15	14200
	0.9%	1	0.17	14200
240	1.1%	1	0.16	14200
	1.1%	1	0.17	14200

	1.0%	1	0.17	14200
	1.1%	1	0.19	14200
	0.9%	1	0.16	14200
	0.9%	1	0.19	14200
	1.0%	1	0.15	14200
	1.0%	1	0.16	14200
	1.0%	1	0.16	14200
	0.9%	1	0.16	14200
250	0.9%	1	0.16	14200
	0.9%	1	0.19	14200
	1.0%	1	0.19	14200
	0.9%	1	0.19	14200
	0.9%	1	0.17	14200
	0.9%	1	0.15	14200
	0.9%	1	0.16	14200
	0.5%	1	0.16	14200
	0.7%	1	0.17	14200
	1.1%	1	0.16	14200
260	2.5%	1	0.17	14200
	1.2%	1	0.17	14200
	1.5%	1	0.17	14200
	1.0%	1	0.17	14200
	1.0%	1	0.16	14200
	1.2%	1	0.20	14200
	0.9%	1	0.20	14200
	0.8%	1	0.17	14200
	1.2%	1	0.26	14200
	1.1%	1	0.16	14200
270	3.4%	1	0.21	14200
	1.3%	1	0.17	14200
	1.1%	1	0.16	10700
	0.8%	1	0.13	14200
	1.0%	1	0.21	14200
	1.1%	1	0.21	14200

	0.9%	1	0.55	10700
	0.9%	1	0.20	14200
	1.0%	1	0.18	14200
	0.9%	1	0.14	10700
280	1.0%	1	0.17	10700
	1.1%	1	0.19	10700
	0.5%	1	0.15	10700
	3.1%	1	0.15	21300
	2.2%	1	0.16	10700
	1.7%	1	0.16	10700
	1.5%	1	0.16	10700
	0.8%	1	0.17	10700
	0.9%	1	0.17	10700
	0.5%	1	0.42	10700

Tabela 50: 1 Objeto por segundo Runtime Circle Spawn

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50				
	0.6%	1	0.11	80

		320		
60				
170				
	1.0%	1	0.18	80
	1.0%			
180				
230				
		1	0.13	80
	0.7%			
240				
280				

A.2.2 DEZ OBJETOS POR SEGUNDO

Tabela 51: 10 Objetos por segundo Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.5%	6	0.27	32
	0.0%	6	0.00	0
	0.0%			
		6	0.00	0
	0.0%			
10		8	0.00	0
	0.0%	8		
			0.00	0
	0.0%	8		0
			0.00	
	0.0%	8	0.00	0
	0.0%	2	0.00	0
20	0.0%	8	0.00	0

	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
30				
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%			
		4	0.00	0
	0.0%	8	0.00	0
	0.0%	4		
			0.00	0
40	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
50	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0

	0.0%	8	0.00	0
	0.0%			
		2	0.00	0
	0.0%	10	0.01	0
60	0.0%	2		
			0.01	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
70	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
80	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0

90	0.0%	8	0.00	0
	0.0%	14	0.01	0
	0.0%	6	0.00	0
	0.0%	14	0.01	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	18	0.01	0
	0.0%	20	0.00	0
	0.0%	2	0.00	0
100	0.0%	2	0.00	0
	0.1%	18	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.01	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
110	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
120	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.01	0

	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0
130	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
140	0.0%	4	0.00	0
	0.0%	18	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
150	0.0%	2	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0

	0.0%			
		12	0.00	0
160	0.0%	8	0.00	0
	0.0%	4	0.01	0
	0.1%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	16	0.00	0
	0.0%	18	0.00	0
170	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	6	0.00	0
	0.1%	18	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.02	0
	0.0%	14		
180			0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.1%	14	0.04	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
190	0.1%	14	0.02	0
	0.0%	8	0.00	0

	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.02	0
	0.1%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.01	0
200	0.0%	12	0.00	0
	0.0%	6	0.01	0
	0.0%	10	0.00	0
	0.0%	20	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	16	0.01	0
210	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.01	0
	0.0%	18	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	16	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
220	0.0%	6	0.00	0
	0.0%	20	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.2%	8	0.00	0

	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	20	0.00	0
	0.0%	2	0.00	0
230	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	20	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.2%	14	0.01	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
240	0.0%	16	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	22	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
250	0.0%	20	0.01	0
	0.0%	8	0.00	0
	0.0%	16	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.02	0
	0.1%	18	0.00	0

260	0.0%	8	0.00	0
	0.0%	16	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
270	0.0%	16	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
280	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	16	0.01	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	14	0.00	0
	0.0%	6	0.00	0
290	0.0%	16	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0

Tabela 52: 10 Objetos por segundo Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.9%	2	0.13	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2		0
			0.00	
	0.0%	6		0
10		6		
			0.00	
	0.0%		0.00	0
	0.0%	2	0.00	0
		2	0.00	0
	0.0%			
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
		2	0.00	
20	0.0%			0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
		4	0.00	0
30	0.0%	4	0.00	0
	0.0%	2		0

	0.0%		0.00	
	0.0%	4	0.00	0
	0.0%	2	0.00	0
		2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%			0
	0.0%	4	0.00	
40	0.0%	8	0.00	0
	0.0%	4	0.00	0
		2	0.00	0
	0.0%	4	0.00	0
	0.0%			
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
		2	0.00	0
	0.0%	4	0.00	0
50	0.0%	6		
	0.0%		0.00	0
		6	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	
	0.0%			0
		4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	
	0.0%			0
60	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0

	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
70	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%			0
		12	0.00	
	0.0%	4	0.00	0
				0
80	0.0%	6	0.00	
		2		0
	0.0%		0.00	
	0.0%	2		0
	0.0%		0.00	
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
90	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0

100	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	16	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
110	0.1%	10	0.01	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
120		6	0.00	0
	0.0%	4	0.00	0
	0.1%	6	0.00	0
	0.0%			
	0.1%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
130	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
		4	0.00	0

	0.1%	6	0.00	0
	0.0%	4	0.00	0
	0.0%		0.00	
	0.0%	8		0
		2	0.00	0
	0.0%	10	0.00	0
140	0.0%	16	0.00	0
	0.0%			
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
150	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.01	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
160	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
		10	0.01	0
	0.0%	4	0.00	0
		8	0.00	

	0.0%			0
	0.0%	10	0.00	
170	0.0%			0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	20	0.01	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
180	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
		8	0.00	0
	0.0%	2	0.00	0
	0.0%			0
	0.0%	8	0.00	
	0.0%	10	0.00	0
	0.0%	10	0.01	0
	0.0%	4	0.00	0
190	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
200	0.0%	10	0.00	0
	0.0%	8	0.00	0

	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
210	0.1%	8	0.00	0
	0.0%	6	0.01	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.1%	14	0.00	0
220	0.0%	6	0.00	0
	0.0%	6	0.01	0
	0.0%	32	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
		10	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%			0
	0.0%	10	0.00	
230	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0

	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
240	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	16	0.00	0
	0.0%	4	0.00	0
	0.1%	10	0.00	0
250	0.0%	4	0.01	0
	0.0%	32	0.02	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	16	0.00	0
	0.0%	6	0.00	0
		6	0.00	0
260	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%			0
	0.0%	6	0.00	
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0

270	0.0%	2	0.00	0
	0.0%	16	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	16	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
280	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
290	0.0%	8	0.00	0
	0.1%	14	0.00	0
	0.0%	2	0.01	0
	0.0%	8	0.00	0

Tabela 53: 10 Objetos por segundo Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	6	0.05	0
	0.1%	12	0.01	0
	0.1%	10	0.01	0
	0.3%	8	0.03	0

	0.0%	8	0.01	0
	0.0%	6	0.00	0
			0.00	
	0.0%	6		0
10	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.2%	12	0.00	0
	0.1%	10	0.01	0
	0.0%	10	0.01	0
	0.0%	14	0.00	0
	0.0%	12	0.00	0
	0.1%	10	0.00	0
	0.1%	16	0.00	0
	0.0%	32	0.01	0
20	0.0%	32	0.01	0
	0.0%	22	0.00	0
	0.0%	18	0.01	0
	0.1%	18	0.01	0
	0.0%	16	0.01	0
	0.0%	22	0.01	0
	0.1%	20	0.01	0
	0.0%	18	0.01	0
	0.0%	26	0.02	0
	0.0%	24	0.01	0
30	0.0%	32	0.01	0
	0.3%	28	0.01	0
	0.1%	50	0.01	0
	0.1%	26	0.02	0
	0.0%	26	0.01	0
	0.0%	32	0.01	0
	0.0%	32	0.01	0
	0.1%	46	0.01	0
	0.0%	32	0.01	0
	0.0%	46	0.01	0

40	0.1%	36	0.01	0
	0.0%	28	0.02	0
	0.0%	28	0.01	0
	0.2%	38	0.02	0
	0.1%	34	0.01	0
	0.1%	34	0.02	0
	0.1%	42	0.01	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.0%	48	0.02	0
50	0.1%	50	0.02	0
	0.0%	48	0.02	0
	0.1%	46	0.02	0
	0.1%	46	0.02	0
	0.1%	46	0.02	0
	0.1%	52	0.02	0
	0.1%	52	0.02	0
	0.1%	50	0.02	0
	0.1%	52	0.02	0
	0.1%	48	0.02	0
60	0.0%	56	0.02	0
	0.1%	50	0.02	0
	0.9%	56	0.01	0
	0.3%	98	0.24	0
	0.1%	56	0.02	0
	0.1%	56	0.02	0
	0.1%	56	0.02	0
	0.1%	52	0.02	0
	0.1%	56	0.02	0
	0.2%	54	0.02	0
70	0.1%	54	0.02	0
	0.0%	52	0.02	0
	0.2%	52	0.02	0
	0.2%	74	0.02	0

	0.1%	56	0.02	0
	0.1%	56	0.03	0
	0.2%	54	0.02	0
	0.1%	74	0.03	0
	0.1%	56	0.02	0
	0.2%	56	0.03	0
80	0.1%	48	0.01	0
	0.2%	44	0.02	0
	0.2%	54	0.03	0
	0.2%	50	0.02	0
	0.1%	74	0.02	0
	0.2%	54	0.03	0
	0.2%	62	0.03	0
	0.1%	72	0.02	0
	0.1%	74	0.03	0
	0.2%	76	0.03	0
90	0.1%	74	0.03	0
	0.2%	168	0.04	0
	0.1%	78	0.03	0
	0.2%	74	0.04	0
	0.6%	72	0.07	0
	0.1%	68	0.02	0
	0.2%	168	0.04	0
	0.2%	70	0.03	0
	0.2%	70	0.03	0
	0.9%	168	0.04	0
100	0.3%	82	0.03	0
	0.3%	80	0.05	0
	0.2%	76	0.04	0
	0.3%	88	0.08	0
	0.2%	86	0.04	0
	0.3%	168	0.04	0
	0.3%	86	0.05	0
	0.3%	86	0.05	0

	0.3%	84	0.06	0
	0.3%	88	0.05	0
110	0.2%	86	0.05	0
	0.7%	88	0.04	0
	0.3%	84	0.04	0
	0.3%	86	0.04	0
	0.3%	84	0.06	0
	0.3%	88	0.05	0
	0.3%	86	0.06	0
	0.4%	88	0.06	0
	0.2%	88	0.05	0
	0.4%	88	0.06	0
120	0.6%	92	0.06	0
	0.4%	94	0.06	0
	0.2%	88	0.06	0
	0.4%	88	0.05	0
	0.4%	100	0.12	0
	0.4%	98	0.08	0
	0.4%	94	0.16	0
	0.6%	108	0.07	0
	0.2%	120	0.08	0
	1.4%	104	0.10	0
130	0.4%	108	0.06	0
	0.6%	224	0.17	0
	0.3%	120	0.06	0
	0.4%	114	0.08	0
	0.5%	116	0.10	0
	1.1%	110	0.06	0
	0.4%	120	0.06	0
	1.1%	120	0.08	0
	0.4%	120	0.08	0
	0.2%	116	0.07	0
140	1.1%	120	0.06	0
	0.5%	114	0.14	0

	0.4%	120	0.08	0
	0.4%	120	0.06	0
	1.1%	114	0.08	0
	0.2%	128	0.07	0
	1.1%	112	0.09	0
	0.4%	128	0.07	0
	0.3%	116	0.07	0
	0.6%	116	0.07	0
150	0.4%	126	0.07	0
	0.5%	128	0.09	0
	0.4%	120	0.08	0
	0.4%	124	0.06	0
	0.4%	126	0.08	0
	0.3%	128	0.07	0
	0.4%	120	0.08	0
	1.5%	128	0.09	0
	0.3%	126	0.13	0
	0.6%	132	0.06	0
160	0.4%	138	0.09	0
	0.4%	138	0.06	0
	0.4%	136	0.06	0
	0.4%	278	0.07	0
	0.6%	140	0.06	0
	0.4%	136	0.06	0
		146	0.06	
		146	0.08	
	0.9%	146		0
	0.6%	150	0.23	0
170	0.5%			0
	0.5%	298	0.08	0
	0.4%		0.08	0
	0.4%	168	0.45	0
	0.4%	166	0.07	0
	0.9%	158	0.06	0

	0.4%	152	0.11	0
	0.6%	144	0.06	0
	0.6%	140	0.45	0
	0.3%	154	0.07	0
180	0.6%	154	0.08	0
	0.4%	152	0.12	0
	0.5%	158	0.07	0
	0.4%	154	0.06	0
	0.4%	154	0.07	0
	0.2%	166	0.08	0
	1.8%	164	0.07	0
	0.4%	168	0.08	0
	0.8%	346	0.45	0
	0.9%	176	0.07	0
190	0.6%	180	0.08	0
	0.4%	182	0.09	0
	0.6%	182	0.45	0
	0.4%	182	0.08	0
	0.5%	182	0.08	0
	0.6%	182	0.09	0
	0.8%	178	0.12	0
	0.4%	180	0.08	0
	0.5%	178	0.11	0
	0.5%	180	0.09	0
200	0.5%	184	0.08	0
	0.5%	192	0.08	0
	0.6%	188	0.09	0
	0.5%	190	0.09	0
	0.3%	194	0.08	0
	2.0%	194	0.15	0
	1.0%	224	0.09	0
	0.6%	194	0.09	0
	0.6%	200	0.10	0
	0.5%	196	0.08	0

210	0.6%	196	0.07	0
	0.6%	212	0.08	0
	0.3%	212	0.09	0
	0.4%	214	0.10	0
	2.7%	224	0.09	0
	0.8%	210	0.09	0
	0.5%	208	0.10	0
	0.6%	602	0.08	0
	0.6%	186	0.09	0
	0.6%	202	0.08	0
220	0.5%	224	0.26	0
	0.6%	224	0.13	0
	0.8%	202	0.10	0
	0.6%	200	0.10	0
	0.7%	208	0.08	0
	0.6%	212	0.11	0
	0.6%	224	0.09	0
	0.5%	218	0.10	0
	0.6%	224	0.09	0
	0.5%	222	0.09	0
230	1.1%	224	0.10	0
	0.3%	218	0.10	0
	0.9%	224	0.17	0
	0.6%	212	0.35	0
	0.6%	214	0.08	0
	0.6%	224	0.10	0
	0.6%	218	0.10	0
	0.7%	214	0.09	0
	0.6%	212	0.09	0
	0.6%	222	0.09	0
240	0.7%	224	0.10	0
	0.7%	220	0.11	0
	0.2%	226	0.09	0
	1.6%	228	0.10	0

	1.8%	224	0.10	0
	0.6%	224	0.09	0
	0.5%	212	0.09	0
	0.3%	424	0.10	0
	1.5%	228	0.10	0
	0.6%	208	0.10	0
250	0.2%	210	0.10	0
	0.7%	212	0.09	0
	0.6%	216	0.09	0
	0.5%	206	0.09	0
	0.5%	208	0.11	0
	0.6%	210	0.08	0
	0.6%	206	0.10	0
	0.8%	430	0.09	0
	0.8%	228	0.11	0
	0.5%	238	0.11	0
260	0.6%	218	0.10	0
	0.5%	234	0.10	0
	0.4%	218	0.10	0
	1.3%	228	0.09	0
	0.5%	212	0.12	0
	0.4%	210	0.41	0
	0.9%	228	0.15	0
	0.3%	220	0.09	0
	0.8%	220	0.09	0
	1.0%	220	0.10	0
270	1.5%	224	0.11	0
	0.5%	220	0.09	0
	0.5%	218	0.10	0
	0.6%	226	0.11	0
	0.6%	230	0.09	0
	0.3%	232	0.09	0
	1.5%	238	0.25	0
	0.9%	232	0.09	0

	1.3%	234	0.10	0
	0.5%	234	0.09	0
280	0.5%	222	0.09	0
	0.5%	230	0.11	0
	0.4%	234	0.09	0
	0.9%	228	0.09	0
	0.6%	232	0.11	0
	0.8%	232	0.09	0
	0.8%	242	0.11	0
	0.7%	242	0.10	0
	0.6%	236	0.09	0
	0.6%	236	0.10	0
290	0.3%	224	0.12	0
	0.6%	224	0.14	0
	0.6%	232	0.10	0
	0.9%	234	0.09	0

Tabela 54: 10 Objetos por segundo Runtime Circle OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50	0.9%	2	0.09	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		
				0
	0.0%	2		0
60			0.00	
			0.00	
	0.0%	2		0
			0.00	
	0.0%			0
		8	0.00	
70	0.0%			0
		2	0.00	
	0.0%		0.00	0
	0.0%			0
		2		
			0.00	
	0.0%		0.00	0
	0.0%			0
80	0.0%	2		
	0.0%	4		
			0.00	
	0.0%			

	0.0%			
		2		
		2	0.00	0
		2	0.00	0
90		4	0.00	0
				0
	0.0%			0
	0.0%			0
	0.0%			
	0.0%			
		2	0.00	
			0.00	
			0.00	
				0
100				
	0.0%			
		2		
		2		
			0.00	
		4		0
		2	0.00	
	0.0%			0
				0
110	0.0%			
		2	0.00	
			0.00	
				0
	0.0%			

120		2	0.00	
	0.0%		0.00	0
	0.0%			
		2		
			0.00	0
130				
		2		
		2		
		4	0.00	0
	0.0%			0
	0.0%			
140				
			0.00	
				0
	0.0%			
150				
		2		
			0.00	
				0

		351		
	0.0%			0
160				
		2		
	0.0%			0
	0.0%			
	0.0%			
170				
		2	0.00	
		2	0.00	
		4	0.00	
180				0
				0
	0.0%			
	0.0%	2		
	0.0%	4	0.00	
		2	0.00	0
			0.00	
		4	0.00	0

	0.0%	2	0.00	0
				0
190	0.0%	2	0.00	0
	0.0%	4	0.00	
		4	0.00	0
	0.0%	2		0
	0.0%			0
	0.0%			
200				
210				
			0.00	
		4		
			0.00	0
	0.0%	2		
		2		0
	0.0%			
			0.00	
220				
		4	0.00	0
	0.0%		0.00	
		2		0
	0.0%	2		0
	0.0%			
			0.00	

230		4		
	0.0%			
	0.0%			
			0.00	
				0
		4		
	0.0%			
240				
			0.00	
			0.00	0
		2		
		4	0.00	0
	0.0%			0
		2		
250	0.0%			
			0.00	
			0.00	0
		2		
	0.0%			
260				
270				

		354		
			0.00	0
280		4		
	0.0%		0.00	0
		2		
	0.0%	4		
290				

Tabela 55: 10 Objetos por segundo Runtime Circle OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
70				
	0.5%	2	0.09	0
		4	0.00	
	0.0%		0.00	0
		2		0
			0.00	
80				
	0.0%			
				0
	0.0%	4		
			0.00	0
			0.00	
			0.00	
90				
	0.0%			
		2		0
	0.0%	2		
	0.0%			0
			0.00	0
				0

100				0
				0
	0.0%			
			0.00	
				0
110				0
		2		
120				
	0.0%			
		2	0.00	
	0.0%			
			0.00	
				0
		2		
				0
130	0.0%	2		
			0.00	
	0.0%	2	0.00	

356

		2	0.00	
	0.0%	2	0.00	0
			0.00	
				0
			0.00	
			0.00	
140				0
			0.00	
	0.0%	2		
		2		
150				
				0
			0.00	
		2		
		2		
				0
			0.00	
160				
	0.0%	4		

				0
		2	0.00	
170				
				0
			0.00	
			0.00	
	0.0%			
180	0.0%			
		2		
		4		
				0
	0.0%			
	0.0%		0.00	
			0.00	
190		2		
		2		
	0.0%			0
	0.0%			0
				0
			0.00	
	0.0%	2	0.00	
		2		0
200				0
			0.00	

	0.0%		0.00	
		4		
	0.0%		0.00	
	0.0%			0
		2		
			0.00	0
210				
			0.00	0
	0.0%			
	0.0%			
	0.0%	2		
		2		
220				
				0
	0.0%			
		2	0.00	0
		2	0.00	
			0.00	
				0
				0
230			0.00	
	0.0%			
		2		
		2		
		2		

				0
				0
	0.0%		0.00	0
240		2	0.00	
	0.0%		0.00	
	0.0%			
	0.0%			
		2		
			0.00	
		2	0.00	0
		2		
				0
250	0.0%			
			0.00	0
				0
			0.00	
			0.00	
				0
260	0.0%			
			0.00	
		4		
				0
				0

270				
			0.00	
	0.0%			
		2		
280	0.0%			
				0
		4	0.00	
	0.0%			
		2		
				0
290				0
			0.00	

Tabela 56: 10 Objetos por segundo Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
50				
	0.7%	2	0.10	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.01	0
	0.2%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.01	0
	0.0%	8	0.00	0
60	0.1%	8	0.00	0
	0.2%	20	0.00	0
	0.0%	10	0.02	0
	0.0%	24	0.01	0
	0.0%	10	0.01	0
	0.0%	24	0.01	0
	0.0%	12	0.00	0
	0.0%	12	0.01	0
	0.1%	12	0.00	0
	0.0%	12	0.00	0
70	0.0%	12	0.00	0
	0.0%	12	0.01	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.2%	22	0.01	0
	0.0%	22	0.01	0
	0.1%	18	0.01	0
	0.2%	22	0.01	0

	0.0%	22	0.01	0
	0.0%	18	0.01	0
80	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	22	0.01	0
	0.0%	24	0.01	0
	0.0%	28	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.02	0
	0.1%	24	0.01	0
	0.0%	24	0.00	0
90	0.2%	24	0.01	0
	0.1%	26	0.00	0
	0.2%	22	0.01	0
	0.0%	22	0.00	0
	0.2%	18	0.00	0
	0.0%	38	0.03	0
	0.1%	20	0.01	0
	0.2%	26	0.01	0
	0.1%	26	0.01	0
	0.0%	26	0.01	0
100	0.1%	24	0.01	0
	0.0%	50	0.02	0
	0.0%	28	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
110	0.2%	22	0.01	0
	0.1%	24	0.01	0

	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.1%	24	0.01	0
	0.1%	24	0.01	0
	0.0%	24	0.02	0
	0.0%	28	0.01	0
	0.1%	24	0.01	0
	0.0%	26	0.02	0
120	0.9%	24	0.01	0
	0.1%	24	0.01	0
	0.1%	28	0.03	0
	0.1%	24	0.01	0
	0.1%	26	0.01	0
	0.2%	26	0.02	0
	0.1%	56	0.01	0
	0.1%	28	0.01	0
	0.1%	30	0.02	0
	0.1%	28	0.01	0
130	0.0%	26	0.02	0
	0.1%	28	0.02	0
	0.0%	28	0.01	0
	0.0%	26	0.02	0
	0.4%	28	0.02	0
	0.1%	26	0.03	0
	0.1%	28	0.02	0
	0.1%	28	0.03	0
	0.1%	36	0.03	0
	0.0%	28	0.03	0
140	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.2%	32	0.01	0
	0.2%	30	0.01	0
	0.1%	30	0.05	0
	0.0%	28	0.02	0

	0.1%	28	0.01	0
	0.1%	26	0.01	0
	0.0%	36	0.01	0
	0.1%	26	0.01	0
150	0.0%	36	0.01	0
	0.3%	26	0.03	0
	0.1%	36	0.01	0
	0.0%	36	0.01	0
	0.1%	36	0.02	0
	0.1%	36	0.01	0
	0.0%	36	0.01	0
	0.0%	36	0.02	0
	0.1%	30	0.02	0
	0.1%	34	0.01	0
160	0.1%	34	0.01	0
		36	0.05	0
	0.2%	36	0.03	0
		36	0.02	0
	0.0%	38	0.02	0
	0.1%	30	0.01	0
	0.1%	30	0.01	0
	0.1%	36	0.01	0
	0.1%		0.02	0
	0.1%	72	0.01	0
170	0.0%		0.02	0
	0.3%	36		
	0.1%	36	0.02	0
	0.0%	36		
	0.1%	30	0.02	0
	0.0%	38	0.01	0
	0.3%	38	0.01	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0

180	0.1%	34	0.02	0
	0.1%	32	0.02	0
	0.1%	30	0.01	0
	0.6%	34	0.01	0
	0.1%	30	0.02	0
	0.1%	30	0.03	0
	0.1%	34	0.01	0
	0.1%	30	0.02	0
	0.0%	30	0.02	0
	0.1%	30	0.01	0
190	0.0%	30	0.01	0
	0.1%	60	0.02	0
	0.1%	32	0.02	0
	0.0%	34	0.02	0
	0.0%	34	0.17	0
	0.1%	34	0.01	0
	0.1%	34	0.02	0
	0.1%	34	0.03	0
	0.1%	40	0.01	0
	0.1%	34	0.02	0
200	0.0%	40	0.01	0
	0.2%	36	0.02	0
	0.1%	36	0.01	0
	0.1%	38	0.02	0
	0.1%	40	0.02	0
	0.0%	46	0.02	0
	0.8%	46	0.02	0
	0.1%	44	0.02	0
	0.1%	44	0.02	0
	0.1%	44	0.02	0
210	0.1%	44	0.02	0
	0.1%	44	0.02	0
	0.1%	40	0.04	0
	0.1%	42	0.02	0

	0.2%	34	0.02	0
	0.1%	40	0.02	0
	0.2%	38	0.10	0
	0.1%	38	0.02	0
	0.2%	38	0.02	0
	0.1%	34	0.05	0
220	0.1%	34	0.02	0
	0.2%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.03	0
	0.2%	90	0.03	0
	0.2%	30	0.05	0
	0.1%	30	0.05	0
	0.0%	28	0.05	0
	0.0%	32	0.06	0
	0.5%	34	0.02	0
230	0.1%	34	0.01	0
	0.0%	34	0.02	0
	0.1%	34	0.03	0
	0.3%	38	0.02	0
	0.1%	38	0.03	0
	0.0%	40	0.05	0
	0.2%	38	0.05	0
	0.2%	38	0.05	0
	0.0%	38	0.01	0
	0.0%	38	0.02	0
240	0.1%	36	0.01	0
	0.0%	40	0.01	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	44	0.05	0
	0.0%	44	0.01	0
	0.1%	44	0.02	0
	0.1%	42	0.05	0

	0.1%	80	0.02	0
	0.0%	40	0.02	0
250	0.1%	40	0.02	0
	0.2%	40	0.02	0
	0.0%	40	0.04	0
	0.1%	38	0.02	0
	0.0%	38	0.05	0
	1.1%	80	0.02	0
	0.0%	40	0.05	0
	0.1%	38	0.02	0
	0.1%	38	0.02	0
	0.1%	36	0.02	0
260	0.0%	36	0.02	0
	0.3%	36	0.02	0
	0.1%	36	0.02	0
	0.1%	36	0.02	0
	0.4%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.01	0
	0.2%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0
270	0.1%	34	0.02	0
	0.1%	34	0.02	0
	0.0%	30	0.01	0
	0.1%	30	0.02	0
	0.1%	30	0.02	0
	0.1%	30	0.02	0
	0.0%	30	0.02	0
	0.2%	30	0.02	0
	0.1%	30	0.02	0
	0.1%	30	0.02	0
280	0.1%	30	0.01	0
	0.1%	34	0.02	0

	0.1%	34	0.02	0
	0.1%	34	0.01	0
	0.2%	34	0.01	0
	0.2%	34	0.02	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.03	0
290	0.0%	30	0.02	0
	0.1%	30	0.01	0
	0.1%	30	0.02	0
	0.0%	30	0.03	0

Tabela 57: 10 Objetos por segundo Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50				
	0.7%	2	0.10	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.01	0
	0.2%	8	0.00	0

	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.01	0
	0.0%	8	0.00	0
60	0.1%	8	0.00	0
	0.2%	20	0.00	0
	0.0%	10	0.02	0
	0.0%	24	0.01	0
	0.0%	10	0.01	0
	0.0%	24	0.01	0
	0.0%	12	0.00	0
	0.0%	12	0.01	0
	0.1%	12	0.00	0
	0.0%	12	0.00	0
70	0.0%	12	0.00	0
	0.0%	12	0.01	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.2%	22	0.01	0
	0.0%	22	0.01	0
	0.1%	18	0.01	0
	0.2%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	18	0.01	0
80	0.0%	20	0.01	0
	0.0%	20	0.01	0
	0.0%	22	0.01	0
	0.0%	24	0.01	0
	0.0%	28	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.02	0
	0.1%	24	0.01	0
	0.0%	24	0.00	0

90	0.2%	24	0.01	0
	0.1%	26	0.00	0
	0.2%	22	0.01	0
	0.0%	22	0.00	0
	0.2%	18	0.00	0
	0.0%	38	0.03	0
	0.1%	20	0.01	0
	0.2%	26	0.01	0
	0.1%	26	0.01	0
	0.0%	26	0.01	0
100	0.1%	24	0.01	0
	0.0%	50	0.02	0
	0.0%	28	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
	0.0%	22	0.01	0
110	0.2%	22	0.01	0
	0.1%	24	0.01	0
	0.0%	24	0.01	0
	0.0%	24	0.01	0
	0.1%	24	0.01	0
	0.1%	24	0.01	0
	0.0%	24	0.02	0
	0.0%	28	0.01	0
	0.1%	24	0.01	0
	0.0%	26	0.02	0
120	0.9%	24	0.01	0
	0.1%	24	0.01	0
	0.1%	28	0.03	0
	0.1%	24	0.01	0

	0.1%	26	0.01	0
	0.2%	26	0.02	0
	0.1%	56	0.01	0
	0.1%	28	0.01	0
	0.1%	30	0.02	0
	0.1%	28	0.01	0
130	0.0%	26	0.02	0
	0.1%	28	0.02	0
	0.0%	28	0.01	0
	0.0%	26	0.02	0
	0.4%	28	0.02	0
	0.1%	26	0.03	0
	0.1%	28	0.02	0
	0.1%	28	0.03	0
	0.1%	36	0.03	0
	0.0%	28	0.03	0
140	0.0%	28	0.01	0
	0.1%	28	0.01	0
	0.2%	32	0.01	0
	0.2%	30	0.01	0
	0.1%	30	0.05	0
	0.0%	28	0.02	0
	0.1%	28	0.01	0
	0.1%	26	0.01	0
	0.0%	36	0.01	0
	0.1%	26	0.01	0
150	0.0%	36	0.01	0
	0.3%	26	0.03	0
	0.1%	36	0.01	0
	0.0%	36	0.01	0
	0.1%	36	0.02	0
	0.1%	36	0.01	0
	0.0%	36	0.01	0
	0.0%	36	0.02	0

	0.1%	30	0.02	0
	0.1%	34	0.01	0
160	0.1%	34	0.01	0
		36	0.05	0
	0.2%	36	0.03	0
		36	0.02	0
	0.0%	38	0.02	0
	0.1%	30	0.01	0
	0.1%	30	0.01	0
	0.1%	36	0.01	0
	0.1%		0.02	0
	0.1%	72	0.01	0
170	0.0%		0.02	0
	0.3%	36		
	0.1%	36	0.02	0
	0.0%	36		
	0.1%	30	0.02	0
	0.0%	38	0.01	0
	0.3%	38	0.01	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0
180	0.1%	34	0.02	0
	0.1%	32	0.02	0
	0.1%	30	0.01	0
	0.6%	34	0.01	0
	0.1%	30	0.02	0
	0.1%	30	0.03	0
	0.1%	34	0.01	0
	0.1%	30	0.02	0
	0.0%	30	0.02	0
	0.1%	30	0.01	0
190	0.0%	30	0.01	0
	0.1%	60	0.02	0

	0.1%	32	0.02	0
	0.0%	34	0.02	0
	0.0%	34	0.17	0
	0.1%	34	0.01	0
	0.1%	34	0.02	0
	0.1%	34	0.03	0
	0.1%	40	0.01	0
	0.1%	34	0.02	0
200	0.0%	40	0.01	0
	0.2%	36	0.02	0
	0.1%	36	0.01	0
	0.1%	38	0.02	0
	0.1%	40	0.02	0
	0.0%	46	0.02	0
	0.8%	46	0.02	0
	0.1%	44	0.02	0
	0.1%	44	0.02	0
	0.1%	44	0.02	0
210	0.1%	44	0.02	0
	0.1%	44	0.02	0
	0.1%	40	0.04	0
	0.1%	42	0.02	0
	0.2%	34	0.02	0
	0.1%	40	0.02	0
	0.2%	38	0.10	0
	0.1%	38	0.02	0
	0.2%	38	0.02	0
	0.1%	34	0.05	0
220	0.1%	34	0.02	0
	0.2%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.03	0
	0.2%	90	0.03	0
	0.2%	30	0.05	0

	0.1%	30	0.05	0
	0.0%	28	0.05	0
	0.0%	32	0.06	0
	0.5%	34	0.02	0
230	0.1%	34	0.01	0
	0.0%	34	0.02	0
	0.1%	34	0.03	0
	0.3%	38	0.02	0
	0.1%	38	0.03	0
	0.0%	40	0.05	0
	0.2%	38	0.05	0
	0.2%	38	0.05	0
	0.0%	38	0.01	0
	0.0%	38	0.02	0
240	0.1%	36	0.01	0
	0.0%	40	0.01	0
	0.1%	40	0.02	0
	0.1%	40	0.02	0
	0.1%	44	0.05	0
	0.0%	44	0.01	0
	0.1%	44	0.02	0
	0.1%	42	0.05	0
	0.1%	80	0.02	0
	0.0%	40	0.02	0
250	0.1%	40	0.02	0
	0.2%	40	0.02	0
	0.0%	40	0.04	0
	0.1%	38	0.02	0
	0.0%	38	0.05	0
	1.1%	80	0.02	0
	0.0%	40	0.05	0
	0.1%	38	0.02	0
	0.1%	38	0.02	0
	0.1%	36	0.02	0

260	0.0%	36	0.02	0
	0.3%	36	0.02	0
	0.1%	36	0.02	0
	0.1%	36	0.02	0
	0.4%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.01	0
	0.2%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0
270	0.1%	34	0.02	0
	0.1%	34	0.02	0
	0.0%	30	0.01	0
	0.1%	30	0.02	0
	0.1%	30	0.02	0
	0.1%	30	0.02	0
	0.0%	30	0.02	0
	0.2%	30	0.02	0
	0.1%	30	0.02	0
	0.1%	30	0.02	0
280	0.1%	30	0.01	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.01	0
	0.2%	34	0.01	0
	0.2%	34	0.02	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.01	0
	0.1%	34	0.03	0
290	0.0%	30	0.02	0
	0.1%	30	0.01	0
	0.1%	30	0.02	0
	0.0%	30	0.03	0

Tabela 58: 10 Objetos por segundo Runtime Circle Spawn

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60	2.0%	1	0.12	80
	0.7%	1	0.11	80
	0.7%		0.11	
		1		80
	0.7%		0.13	
	0.8%			
		1		80
70		1	0.12	
	0.8%			
80				

				80
90		1	0.12	80
	1.9%			
			0.11	80
	0.6%		0.11	80
		1		
	0.4%			
100				
150				
		1		
160			0.13	80
	0.7%			
		1		

			0.12	
	0.7%			
	0.8%	1		80
			0.14	
		1		80
				80
170	0.8%			
		1		
				80
	1.0%		0.13	
		1		
				80
			0.15	
			0.13	
180	1.2%			80
	0.8%	1		
	0.8%	1		
				80
			0.11	
	0.7%	1		
				80
			0.11	
190	0.7%	1		
		1		80
			0.15	
	0.6%		0.11	
		1		80
				80
	0.7%		0.11	

		1	0.11	
				80
	0.6%			
200		1	0.11	
				80
			0.15	
	0.6%		0.11	80
		1		
	0.3%			80
				80
210				
240				
		1		
			0.11	
	0.6%			
				80
				80
250				
260				

quadrosTotal	totalPercent	calls	totalTime	gcMemory
		1		
			0.13	
	0.7%			
270		1		
			0.11	80
	0.4%			
			0.14	80
	0.7%	1		
			0.15	80
	0.9%	1		
280			0.14	80
		1		
	1.1%		0.21	80
	0.8%	1		80
			0.13	
	0.7%	1		80
			0.14	
290	0.8%	1		80
	0.5%			80

A.2.3 CINQUENTA OBJETOS POR SEGUNDO

Tabela 59: 50 Objetos por segundo Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

		2	0.23	32
		4	0.00	
10				
	0.0%			
				0
		4	0.00	
	0.0%			
				0
			0.00	
20			0.00	
	0.0%			
		6		
			0.00	
			0.00	
			0.00	
	0.0%			
30		6		
				0
	0.0%			
	0.0%	6		

			0.00	
				0
40				
	0.0%	4		
	0.0%			
	0.0%			0
			0.00	
		4		0
				0
	0.0%	4		
		2	0.00	
	0.0%		0.00	0
50	0.0%		0.00	
		2		0
			0.00	0
		2	0.00	0
	0.0%	6		0
	0.0%			0
			0.00	0
			0.00	
		8		
60	0.0%			
				0
		2	0.00	
	0.0%			
		8		0
	0.0%	2		
	0.0%	6	0.00	0
		6		
			0.00	

70			0.00	
	0.0%			0
		6		0
			0.00	
	0.0%			
		6		0
80				0
			0.00	0
			0.00	
	0.0%		0.00	
	0.0%	6		
		1		
				0
				0
			0.00	
	0.0%		0.00	
90				
				0
			0.00	
	0.0%	6		
	0.0%	2		
	0.0%	2		
	0.0%			0
				0
100			0.00	0
		8	0.00	0
	0.0%		0.00	

				0
		2	0.00	
	0.0%	4	0.00	
	0.0%	3		
	0.0%			
110				0
				0
		6	0.00	0
	0.0%		0.00	
		2	0.00	
	0.0%			0
	0.0%			
		6	0.00	0
				0
			0.00	
120				0
		2	0.00	0
	0.0%	2	0.00	
	0.0%	8		
	0.0%	6		0
	0.0%			0
	0.0%			
			0.00	
			0.00	0
130		4	0.00	0
		2		0
	0.0%	10		
	0.0%			
			0.00	
		6	0.00	0

	0.0%		0.00	0
				0
140				
		1		
	0.0%	6	0.00	
	0.0%			0
			0.00	
		10	0.00	0
150	0.0%	2	0.00	0
	0.0%	2		0
	0.0%			
		2		
	0.0%	8		
	0.0%			
		2	0.00	
	0.0%		0.00	0
				0
		2	0.00	0
160	0.0%		0.00	
	0.0%	4		0
		10	0.00	0
	0.0%	2		
	0.0%			0
		2	0.00	
	0.0%	8	0.00	
	0.0%	2		0
	0.0%	6	0.00	0
	0.0%			
170		2	0.00	0
	0.0%		0.00	0

			0.00	0
		10	0.00	
	0.0%			0
			0.00	0
				0
		2		
	0.0%		0.00	0
		8	0.00	
180	0.0%	4	0.00	
	0.0%	2		0
	0.0%			0
		2		0
	0.0%	4	0.00	
	0.0%			
	0.0%		0.00	
			0.00	0
		6	0.00	
		6		0
190	0.0%		0.00	0
		8	0.00	0
	0.0%			
		4		0
	0.0%	2		0
	0.0%	2	0.00	
	0.0%			
	0.0%	6	0.00	
		4		0
	0.0%		0.00	
200	0.0%		0.00	0
			0.00	
			0.00	0
		4		0
		6	0.00	0
	0.0%	6	0.00	

	0.0%	4		0
	0.0%			0
		2		
	0.0%	4		
210	0.0%	10	0.00	
	0.0%	6	0.00	
	0.0%		0.00	0
	0.0%	2	0.00	0
		4		0
	0.0%		0.00	
		9	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		0
220	0.0%	2	0.00	
	0.0%	10		0
	0.0%		0.00	
	0.0%	4	0.00	0
		2	0.00	0
	0.0%	2	0.00	0
	0.0%		0.00	0
		8	0.00	0
	0.0%	2	0.00	0
	0.0%			0
230	0.0%		0.00	0
			0.00	
		2	0.00	0
		6		0
	0.0%	2	0.00	0
	0.0%		0.00	0
		2		0
	0.0%			0
			0.00	

240		8	0.00	
	0.0%	2		
	0.0%	2		0
	0.0%		0.00	0
		4		
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	
	0.0%	2	0.00	
250	0.0%	2		0
	0.0%	2		0
	0.0%	8	0.00	
	0.0%		0.00	
		1	0.00	0
	0.0%	2	0.00	0
	0.0%		0.00	0
	0.0%		0.00	0
		6	0.00	0
		2		0
260	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	2	0.00	0
	0.0%	2		0
	0.0%	4		
	0.0%		0.00	
		2	0.00	0
	0.0%	4	0.00	0
	0.0%		0.00	0
			0.00	0
270		6	0.00	0
	0.0%		0.00	0
				0
		2	0.00	0

	0.0%	4	0.00	
	0.0%	4		0
	0.0%	8		0
	0.0%	2	0.00	
	0.0%	8		
	0.0%	2		0
280	0.0%		0.00	
			0.00	
		2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%		0.00	0
			0.00	0
				0
		8	0.00	
290	0.0%		0.00	0
			0.00	0
				0
		6		

Tabela 60: 50 Objetos por segundo Runtime Circle OnColisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.5%	2	0.10	0

	0.0%			
10				
		2	0.01	0
	0.0%	2		
	0.0%			
20			0.00	0
		2		0
	0.0%			
			0.00	
		2	0.00	0
	0.0%	4		
		4		
30				
			0.00	0
	0.1%			0
		4	0.00	0
			0.00	
		2	0.00	0
	0.0%			
40	0.0%		0.00	0
		2		
				0

	0.0%			
	0.0%	2	0.00	
		2	0.00	0
		2	0.00	0
	0.0%			
50	0.0%			
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%			
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%		0.00	
60				
		4		0
	0.0%	2	0.00	
	0.0%	2		
				0
			0.00	0
	0.0%	2	0.00	0
70	0.0%	4	0.00	0
	0.0%	8	0.00	0
		2	0.00	
	0.0%			0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
		2	0.00	0
80		2	0.00	
	0.0%		0.00	
		6		
			0.00	
	0.0%			0
	0.0%			0
		2		
		4	0.00	
90			0.00	0
	0.0%			
	0.0%	2		0
	0.0%		0.00	0
	0.0%	4		0
	0.0%	2	0.00	
			0.00	
				0
100	0.0%	4		0
			0.00	
	0.0%	2		0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
			0.00	
	0.0%	2		0
110		4	0.00	0

393

			0.00	
	0.0%			
	0.0%	6		0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
		4	0.00	0
120	0.0%		0.00	
		2		
	0.0%	2	0.00	0
	0.0%			0
	0.0%	1	0.00	0
	0.0%	2	0.00	0
			0.00	
			0.00	
	0.0%	2		0
		7		
130			0.00	
	0.0%			0
		4		
	0.0%		0.00	0
		2		0
			0.00	
	0.0%			
	0.0%	2		0
			0.00	
140				
	0.0%	2		0
	0.0%	2	0.00	0
	0.0%	7	0.00	0

		10	0.00	0
		2	0.00	
	0.0%			
	0.0%			0
150	0.0%	2	0.00	0
		4	0.00	
	0.0%	2	0.00	0
		4	0.00	0
	0.0%			
	0.0%		0.00	0
		6		0
			0.00	
			0.00	
160	0.0%			
	0.0%	4		0
	0.0%	2		0
			0.00	
			0.00	
	0.0%	2		0
		6		
	0.0%		0.00	0
	0.0%	6		0
		2	0.00	0
170	0.0%		0.00	0
	0.0%	2	0.00	
				0
	0.0%	2		
	0.0%	4	0.00	0
	0.0%		0.00	0
		6		

	0.0%	4	0.00	0
180	0.0%	2	0.00	0
		7	0.00	0
	0.0%	4	0.00	0
		2	0.00	0
	0.0%		0.00	
	0.0%			
	0.0%	2		0
		4	0.00	0
		7	0.00	
190	0.0%		0.00	
	0.0%			0
		4		
	0.0%		0.00	0
	0.0%	4		0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
		4	0.00	0
	0.0%	2	0.00	
	0.0%	2	0.00	0
200	0.0%			0
	0.0%	6	0.00	
		4	0.00	0
	0.0%			
		2	0.00	0
		6		0
	0.0%		0.00	
		2		0
			0.00	0
	0.0%	4	0.00	
210	0.0%	2	0.00	
	0.0%	2		0
	0.0%			0

	0.0%		0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
		4	0.00	0
		4	0.00	
		6	0.00	
220	0.0%			
	0.0%			0
	0.0%			0
	0.0%	2	0.00	0
	0.1%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	1	0.00	0
	0.0%	8	0.00	0
230	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
		10	0.00	
	0.0%	4	0.00	0
240		4	0.00	0
		2		
	0.0%	4	0.00	
	0.0%		0.00	0
		2	0.00	0
	0.0%	2		
		6		0

	0.0%		0.00	
	0.0%		0.00	0
	0.0%	4	0.00	0
250		4		
	0.0%		0.00	0
		6		
	0.0%		0.00	0
		6	0.00	0
	0.0%	2	0.00	
	0.0%			0
	0.0%	2		0
	0.0%	2	0.00	0
	0.0%			0
260	0.0%	2	0.00	0
	0.0%		0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
		4	0.00	0
	0.0%	2	0.00	
270	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6		0
	0.0%	4	0.00	0
			0.00	
	0.0%	2	0.00	0
		2	0.00	0
	0.0%	1	0.00	
	0.0%	4		0
280	0.0%	4	0.00	0

	0.0%	2		0
	0.0%		0.00	0
		2	0.00	0
			0.00	0
		2	0.00	
		4	0.00	
		2	0.00	
	0.0%	10		
	0.0%	2		
290		6		0
			0.00	

Tabela 61: 50 Objetos por segundo Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	1.0%	4	0.12	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
10	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0

	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
20	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.1%	10	0.00	0
	0.0%	8	0.01	0
	0.1%	10	0.00	0
	0.0%	12	0.02	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.01	0
	0.0%	10	0.00	0
30	0.1%	10	0.00	0
	0.5%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	26	0.03	0
	0.0%	12	0.03	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.3%	10	0.00	0
	0.0%	14	0.00	0
40	0.0%	14	0.00	0
	0.0%	12	0.02	0
	0.0%	16	0.00	0
	0.0%	12	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0
	0.0%	16	0.01	0
	0.0%	10	0.00	0

50	0.0%	14	0.01	0
	0.0%	16	0.00	0
	0.0%	14	0.01	0
	0.1%	16	0.01	0
	0.0%	16	0.00	0
	0.0%	16	0.01	0
	0.0%	14	0.01	0
	0.0%	18	0.00	0
	0.0%	16	0.01	0
	0.0%	16	0.01	0
60	0.3%	16	0.01	0
	0.0%	16	0.00	0
	0.0%	18	0.02	0
	0.0%	16	0.00	0
	0.0%	16	0.01	0
	0.0%	20	0.01	0
	0.0%	18	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.00	0
	0.0%	20	0.01	0
70	0.0%	22	0.02	0
	0.0%	24	0.00	0
	0.0%	18	0.00	0
	0.0%	18	0.00	0
	0.0%	19	0.01	0
	0.0%	18	0.00	0
	0.0%	18	0.01	0
	0.0%	19	0.00	0
	0.0%	18	0.00	0
	0.0%	22	0.01	0
80	0.0%	20	0.00	0
	0.0%	19	0.00	0
	0.0%	16	0.00	0
	0.0%	16	0.01	0

	0.0%	16	0.00	0
	0.0%	16	0.01	0
	0.0%	18	0.00	0
	0.0%	18	0.01	0
	0.0%	16	0.00	0
	0.1%	15	0.01	0
90	0.1%	15	0.00	0
	0.1%	18	0.00	0
	0.0%	19	0.00	0
	0.0%	19	0.00	0
	0.0%	17	0.01	0
	0.3%	17	0.00	0
	0.0%	15	0.01	0
	0.0%	15	0.00	0
	0.1%	19	0.00	0
	0.0%	15	0.00	0
100	0.0%	15	0.00	0
	0.0%	15	0.00	0
	0.0%	15	0.00	0
	0.0%	17	0.03	0
	0.0%	19	0.00	0
	0.0%	21	0.01	0
	0.0%	21	0.02	0
	0.0%	19	0.00	0
	0.0%	17	0.01	0
	0.0%	18	0.01	0
110	0.0%	21	0.00	0
	0.0%	19	0.01	0
	0.0%	19	0.00	0
	0.1%	21	0.00	0
	0.0%	21	0.00	0
	0.0%	21	0.00	0
	0.0%	19	0.01	0
	0.0%	18	0.00	0

	0.0%	18	0.00	0
	0.0%	20	0.00	0
120	0.0%	18	0.01	0
	0.0%	16	0.01	0
	0.0%	14	0.00	0
	0.0%	14	0.01	0
	0.0%	14	0.00	0
	0.0%	14	0.00	0
	0.0%	16	0.01	0
	0.0%	13	0.01	0
	0.0%	21	0.01	0
	0.0%	17	0.01	0
130	0.1%	15	0.00	0
	0.8%	17	0.00	0
	0.0%	23	0.01	0
	0.0%	21	0.00	0
	0.0%	21	0.00	0
	0.1%	21	0.00	0
	0.2%	21	0.00	0
	0.0%	21	0.00	0
	0.0%	21	0.00	0
	0.0%	23	0.00	0
140	0.0%	25	0.02	0
	0.0%	20	0.05	0
	0.0%	25	0.00	0
	0.0%	25	0.00	0
	0.0%	23	0.00	0
	0.0%	21	0.00	0
	0.0%	17	0.00	0
	0.1%	15	0.00	0
	0.0%	15	0.01	0
	0.0%	15	0.00	0
150	0.0%	20	0.03	0
	0.0%	14	0.01	0

	0.0%	16	0.00	0
	0.0%	14	0.01	0
	0.0%	12	0.01	0
	0.0%	32	0.01	0
	0.0%	12	0.01	0
	0.0%	6	0.01	0
	0.0%	14	0.01	0
	0.0%	16	0.01	0
160	0.0%	18	0.01	0
	0.0%	18	0.00	0
	0.0%	20	0.00	0
	0.0%	24	0.02	0
	0.0%	22	0.00	0
	0.0%	24	0.00	0
	0.0%	24	0.00	0
	0.0%	32	0.00	0
	0.0%	22	0.00	0
	0.0%	24	0.00	0
170	0.0%	26	0.00	0
	0.1%	35	0.00	0
	0.0%	24	0.00	0
	0.0%	26	0.00	0
	0.0%	28	0.00	0
	0.0%	26	0.00	0
	0.0%	28	0.00	0
	0.0%	34	0.00	0
	0.0%	32	0.01	0
	0.0%	34	0.00	0
180	0.0%	34	0.00	0
	0.1%	30	0.01	0
	0.0%	38	0.00	0
	0.0%	36	0.00	0
	0.1%	35	0.01	0
	0.1%	36	0.00	0

	0.0%	37	0.01	0
	0.0%	34	0.01	0
	0.0%	36	0.00	0
	0.0%	34	0.01	0
190	0.0%	38	0.01	0
	0.0%	75	0.01	0
	0.0%	37	0.00	0
	0.0%	37	0.01	0
	0.4%	35	0.01	0
	0.1%	39	0.01	0
	0.0%	35	0.01	0
	0.1%	31	0.01	0
	0.0%	27	0.01	0
	0.0%	31	0.01	0
200	0.1%	44	0.01	0
	0.0%	29	0.01	0
	0.0%	37	0.01	0
	0.0%	37	0.01	0
	0.0%	31	0.01	0
	0.1%	31	0.01	0
	0.0%	33	0.01	0
	0.0%	33	0.01	0
	0.0%	33	0.01	0
	0.0%	37	0.01	0
210	0.0%	41	0.01	0
	0.0%	37	0.02	0
	0.1%	35	0.05	0
	0.0%	35	0.01	0
	0.0%	35	0.01	0
	0.0%	37	0.01	0
	0.0%	29	0.01	0
	0.1%	41	0.01	0
	0.0%	39	0.01	0
	0.0%	35	0.01	0

220	0.1%	44	0.01	0
	0.0%	33	0.01	0
	0.0%	37	0.01	0
	0.0%	43	0.01	0
	0.0%	43	0.01	0
	0.0%	45	0.01	0
	0.2%	41	0.01	0
	0.1%	44	0.01	0
	0.1%	46	0.01	0
	0.1%	47	0.01	0
230	0.0%	23	0.01	0
	0.0%	41	0.01	0
	0.1%	41	0.01	0
	0.5%	47	0.01	0
	0.0%	43	0.01	0
	0.1%	43	0.01	0
	0.0%	43	0.01	0
	0.1%	29	0.01	0
	0.1%	45	0.01	0
	0.1%	41	0.01	0
240	0.0%	39	0.01	0
	0.1%	37	0.01	0
	0.0%	33	0.01	0
	0.0%	29	0.01	0
	0.0%	29	0.02	0
	0.0%	29	0.01	0
	0.0%	18	0.01	0
	0.0%	29	0.01	0
	0.0%	29	0.01	0
	0.0%	29	0.01	0
250	0.0%	27	0.03	0
	0.0%	23	0.03	0
	0.0%	23	0.01	0
	0.0%	27	0.00	0

	0.0%	23	0.02	0
	0.0%	50	0.01	0
	0.0%	21	0.01	0
	0.2%	19	0.01	0
	0.1%	23	0.01	0
	0.0%	23	0.01	0
260	0.0%	25	0.01	0
	0.0%	21	0.01	0
	0.0%	29	0.01	0
	0.0%	29	0.01	0
	0.0%	31	0.01	0
	0.0%	29	0.01	0
	0.1%	28	0.01	0
	0.0%	28	0.01	0
	0.0%	26	0.01	0
	0.0%	24	0.00	0
270	0.0%	26	0.00	0
	0.0%	18	0.01	0
	0.0%	24	0.00	0
	0.1%	24	0.00	0
	0.0%	20	0.01	0
	0.0%	18	0.05	0
	0.1%	29	0.00	0
	0.0%	20	0.00	0
	0.0%	22	0.00	0
	0.0%	20	0.00	0
280	0.0%	21	0.00	0
	0.0%	21	0.00	0
	0.0%	19	0.00	0
	0.1%	19	0.01	0
	0.2%	23	0.01	0
	0.0%	23	0.01	0
	0.0%	21	0.01	0
	0.0%	36	0.01	0

	0.0%	21	0.01	0
	0.1%	17	0.00	0
290	0.2%	19	0.01	0
	0.0%	21	0.02	0
	0.1%	23	0.00	0
	0.0%	23	0.01	0
	0.0%	25	0.00	0

Tabela 62: 50 Objetos por segundo Runtime Circle OnTriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
		1	0.11	0
70				

80				
		2	0.01	0
			0.01	
			0.01	
90				
100	0.0%			
		1		0
			0.00	
	0.0%			
110				0
			0.00	
120				

130				
	0.0%			
		1		
			0.01	
140				
	0.0%			
		1		0
150				
170				
	0.0%			
		1		0
			0.00	
180				

		411		
190				
	0.0%			
		1		0
				0
			0.00	0
200				
	0.0%			
		1		
210			0.00	0

		412		
220				
	0.0%			
		1		
230				
			0.00	0
240	0.1%			
		1		
			0.00	0

250				
260	0.0%			
		1		
			0.00	0
270				
280				
	0.0%			
		1		
290			0.00	0

Tabela 63: 50 Objetos por segundo Runtime Circle OnTriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
80				
	0.5%	1		0
90				
100				
			0.00	
	0.0%	1		0
	0.0%			

110				
120				
			0.00	
130				0
	0.0%			
		1	0.01	
		1		0
	0.0%			
140				
			0.00	
		1	0.00	0
	0.0%			0

150				
160				
200				
		1	0.00	
	0.0%		0.00	0
210				
		1		
			0.00	0
			0.00	
	0.0%			
				0
			0.00	
220				

240		1		
	0.0%			
	0.0%			0
		1		
	0.0%		0.00	0
250				
260				
		1		
	0.0%		0.01	0
270				
290				
		1		

Tabela 64: 50 Objetos por segundo Runtime Circle OnTriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
60				
	3.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
70	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	3	0.00	0
	0.0%	1	0.00	0
	0.0%	1	0.00	0
80	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%		0.01	
			0.00	

			0.00	
		2		0
	0.0%	2		0
	0.0%	2		0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
90	0.0%	2	0.01	0
	0.1%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
100	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
110	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0

	0.0%	3	0.00	0
	0.6%	3	0.01	0
120	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.1%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
130	0.0%	2	0.00	0
	0.0%	1	0.01	0
	0.0%	1	0.00	0
	0.0%	2	0.01	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.04	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
140	0.0%	2	0.00	0
	0.0%	3	0.01	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.02	0
	0.0%	3	0.00	0
	0.1%	2	0.00	0
	0.0%	2	0.00	0
	0.1%	2	0.01	0
	0.0%	2	0.02	0
150	0.0%	2	0.00	0
	0.0%	3	0.00	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
160	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
170	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	3	0.00	0
	0.2%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.01	0
	0.0%	3	0.00	0
180	0.0%	3	0.00	0
	0.0%	3	0.01	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0

	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
190	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
200	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
210	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.02	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0

220	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
230	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
240	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
250	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0

	0.0%	3	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	3	0.00	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0
260	0.0%	3	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
270	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
280	0.0%	2	0.00	0
	0.0%	3	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	2	0.01	0
	0.1%	2	0.01	0

	0.0%	2	0.00	0
	0.0%	2	0.00	0
290	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	3	0.00	0
	0.0%	2	0.00	0

Tabela 65: 50 Objetos por segundo Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	1.8%	6	0.75	7100
	3.2%	2	0.40	14200
	3.2%	1	0.19	7100
	1.6%	1	0.12	7100
	0.8%	1	0.13	7100
	0.8%	1	0.17	7100
	1.0%	1	0.17	21300
	1.6%	1	0.28	21300
10	1.0%	1	0.17	14200
	0.9%	1	0.17	14200
	0.9%	1	0.18	14200
	1.1%	1	0.17	14200
	1.2%	1	0.18	28400
	1.2%	1	0.20	28400
	1.0%	1	0.17	21300
	1.0%	1	0.17	21300
	1.5%	1	0.23	21300
	0.9%	1	0.16	21300
20	0.9%	1	0.19	35500
	1.2%	1	0.18	35500
	1.1%	1	0.17	28400

	0.8%	1	0.27	28400
	1.9%	1	0.27	28400
	2.0%	1	0.30	28400
	0.9%	1	0.15	28400
	3.0%	1	0.52	49800
	1.2%	1	0.20	49800
	1.0%	1	0.17	35500
30	1.1%	1	0.18	35500
	1.0%	1	0.19	35500
	0.6%	1	0.21	35500
	1.2%	1	0.32	56900
	1.1%	2	0.57	106600
	10.2%	1	0.19	42700
	1.1%	1	0.20	42700
	1.2%	1	0.18	56900
	1.1%	1	0.25	35500
	1.3%	1	0.21	56900
40	1.5%	1	0.25	56900
	1.1%	1	0.20	49800
	0.7%	1	0.20	49800
	2.8%	1	0.21	42700
	1.5%	1	0.21	42700
	1.3%	1	0.23	56900
	1.4%	1	0.22	49800
	1.2%	1	0.21	42700
	1.3%	1	0.20	35500
	1.1%	1	0.22	49800
50	1.3%	1	0.22	49800
	1.3%	1	0.24	64000
	1.1%	1	0.25	56900
	1.6%	1	0.25	71100
	1.8%	1	0.23	64000
	1.4%	1	0.23	56900
	1.5%	1	0.25	64000

	1.5%	1	0.26	56900
	1.5%	1	0.26	78200
	1.7%	1	0.26	78200
60	1.4%	1	0.26	64000
	1.1%	1	0.22	56900
	1.8%	1	0.24	56900
	1.4%	1	0.23	56900
	1.6%	1	0.27	85300
	1.0%	1	0.63	85400
	2.9%	1	0.58	71100
	7.2%	1	0.24	106600
	1.6%	1	0.30	71100
	1.5%	1	0.26	78200
70	1.4%	1	0.25	78200
	1.6%	1	0.31	106600
	1.9%	1	0.30	106600
	1.9%	1	0.25	92400
	1.5%	1	0.25	64000
	1.5%	1	0.25	64000
	1.4%	1	0.24	64000
	1.7%	1	0.28	85300
	1.6%	1	0.28	85300
	1.9%	1	0.26	78200
80	1.5%	1	0.25	71100
	1.5%	1	0.24	64000
	1.2%	1	0.24	64000
	1.5%	1	0.23	56900
	1.9%	1	0.25	78200
	1.5%	1	0.25	85300
	1.3%	1	0.23	64000
	2.0%	1	0.31	64000
	1.4%	1	0.23	64000
	1.4%	1	0.23	64000
90	1.5%	1	0.25	85300

	1.4%	1	0.25	81800
	1.2%	1	0.23	67500
	1.6%	1	0.24	67500
	1.6%	1	0.24	67500
	1.7%	1	0.31	60400
	1.6%	1	0.26	81800
	1.0%	1	0.42	74600
	2.0%	1	0.28	74600
	6.1%	1	0.49	67500
100	1.6%	1	0.26	53300
	1.5%	1	0.24	53300
	1.1%	1	0.23	53300
	1.9%	1	0.27	74600
	1.8%	1	0.28	81800
	1.6%	1	0.27	74600
	1.7%	1	0.29	74600
	1.5%	1	0.26	74600
	1.9%	1	0.31	74600
	1.7%	1	0.31	96000
110	1.8%	1	0.29	88900
	1.0%	1	0.32	81800
	3.3%	1	0.27	71100
	1.8%	1	0.33	81800
	1.9%	1	0.27	74600
	1.6%	1	0.27	74600
	1.7%	1	0.29	88900
	1.7%	1	0.30	99500
	1.9%	1	0.36	78200
	2.0%	1	0.26	71100
120	1.8%	1	0.33	71100
	1.7%	1	0.30	64000
	1.5%	1	0.28	71100
	1.7%	1	0.27	64000
	1.3%	1	0.24	56900

	1.9%	1	0.25	64000
	1.4%	1	0.24	56900
	1.4%	1	0.24	96000
	1.4%	1	0.31	56900
	0.9%	1	0.27	71100
130	1.7%	1	0.35	67500
	18.3%	1	1.23	60400
	1.3%	1	0.25	60400
	1.7%	1	0.26	67500
	2.0%	1	0.31	67500
	2.0%	1	0.33	96000
	1.8%	1	0.31	96000
	2.3%	1	0.38	81800
	4.5%	1	0.78	81800
	3.6%	1	0.62	74600
140	3.8%	1	0.30	74600
	1.8%	1	0.33	88900
	1.9%	1	0.34	53300
	1.7%	1	0.25	96000
	2.1%	1	0.32	88900
	1.9%	1	0.26	88900
	1.7%	1	0.28	88900
	1.6%	1	0.28	88900
	3.6%	1	0.60	103100
	1.8%	1	0.28	96000
150	1.7%	1	0.29	60400
	1.5%	1	0.25	53300
	1.4%	1	0.25	53300
	1.2%	1	0.26	56900
	2.1%	1	0.29	78200
	2.0%	1	0.27	71100
	1.9%	1	0.29	56900
	1.8%	1	0.27	99500
	1.6%	1	0.31	49800

	1.5%	1	0.25	49800
160	1.6%	1	0.27	42700
	1.0%	1	0.28	78200
	1.3%	1	0.33	64000
	3.5%	1	0.34	64000
	2.1%	1	0.34	64000
	2.2%	1	0.29	71100
	2.2%	1	0.35	99500
	1.8%	1	0.31	99500
	1.8%	1	0.31	92400
	2.0%	1	0.29	85300
170	1.8%	1	0.30	85300
	1.8%	1	0.30	92400
	1.8%	1	0.40	120900
	2.4%	1	0.34	113800
	1.4%	1	0.33	113800
	2.8%	1	0.33	106600
	2.5%	1	0.35	106600
	1.9%	1	0.32	99500
	1.8%	1	0.32	106600
	2.3%	1	0.36	128000
180	2.0%	1	0.35	135100
	2.1%	1	0.35	128000
	2.3%	1	0.47	120900
	1.9%	1	0.33	120900
	3.0%	1	0.34	120900
	2.2%	1	0.36	156400
	2.7%	1	0.34	149300
	2.0%	1	0.36	138600
	2.1%	1	0.35	142200
	1.9%	1	0.32	128000
190	2.0%	1	0.33	128000
	1.9%	1	0.32	128000
	1.8%	1	0.32	128000

	1.2%	1	0.36	156400
	1.7%	1	0.46	163500
	9.3%	2	1.03	298600
	3.0%	1	0.39	131500
	2.5%	1	0.40	138600
	2.4%	1	0.39	152900
	2.4%	1	0.39	138600
200	2.5%	1	0.35	138600
	1.9%	1	0.35	124400
	2.3%	1	0.36	131500
	2.2%	1	0.33	131500
	1.9%	1	0.35	117300
	1.8%	1	0.37	138600
	2.5%	1	0.36	131500
	2.8%	1	0.38	145700
	2.2%	1	0.36	131500
	2.0%	1	0.37	124400
210	2.3%	1	0.36	124400
	2.5%	1	0.42	138600
	2.4%	1	0.39	152900
	2.3%	1	0.38	145700
	2.9%	1	0.39	145700
	2.3%	1	0.34	131500
	1.6%	1	0.33	124400
	2.3%	1	0.35	177700
	2.5%	1	0.41	145700
	2.3%	1	0.38	167100
220	2.1%	1	0.37	167100
	2.4%	1	0.38	160000
	2.1%	1	0.35	145700
	2.4%	1	0.42	145700
	2.4%	1	0.39	167100
	1.3%	1	0.38	174200
	1.3%	1	0.40	152900

	4.7%	1	0.50	160000
	2.9%	1	0.37	160000
	2.4%	1	0.40	192000
230	2.6%	1	0.40	192000
	2.3%	1	0.39	177700
	2.2%	1	0.41	110200
	2.3%	1	0.38	177700
	29.8%	1	8.31	177700
	7.3%	1	0.47	181300
	2.2%	1	0.47	188400
	2.6%	1	0.40	181300
	3.3%	1	0.39	181300
	2.6%	1	0.44	174200
240	2.4%	1	0.39	181300
	3.0%	1	0.53	174200
	2.7%	1	0.43	188400
	2.6%	1	0.46	181300
	2.0%	1	0.38	145700
	2.4%	1	0.42	131500
	2.3%	1	0.33	117300
	1.7%	1	0.35	103100
	2.3%	1	0.35	110200
	2.6%	1	0.38	131500
250	2.2%	1	0.38	124400
	2.1%	1	0.32	103100
	1.9%	1	0.33	110200
	2.0%	1	0.33	110200
	1.7%	1	0.31	96000
	2.2%	1	0.34	110200
	2.0%	1	0.34	117300
	0.9%	1	0.33	103100
	4.4%	2	1.09	199100
	2.2%	1	0.42	81800
260	7.5%	1	0.33	88900

	2.0%	1	0.32	88900
	1.9%	1	0.32	85300
	1.9%	1	0.34	96000
	2.1%	1	0.32	103100
	2.0%	1	0.35	110200
	2.1%	1	0.40	110200
	1.7%	1	0.40	138600
	3.5%	1	0.38	131500
	2.8%	1	0.38	113800
270	2.1%	1	0.37	113800
	2.1%	1	0.37	106600
	2.3%	1	0.35	99500
	2.4%	1	0.40	113800
	2.1%	1	0.40	113800
	2.3%	1	0.39	106600
	2.3%	1	0.34	99500
	2.2%	1	0.35	81800
	1.6%	1	0.37	99500
	2.1%	1	0.32	85300
280	2.3%	1	0.34	85300
	2.2%	1	0.34	85300
	1.9%	1	0.33	85300
	2.0%	1	0.32	92400
	2.0%	1	0.35	88900
	2.7%	1	0.46	74600
	2.2%	1	0.35	88900
	1.9%	1	0.35	88900
	1.6%	1	0.35	81800
	3.6%	1	0.35	88900
290	1.4%	1	0.55	96000
	2.3%	1	0.97	177700
	13.8%	2	0.36	124400
	2.1%	1	0.39	96000
	2.6%	1	0.38	96000

Tabela 66: 50 Objetos por segundo Runtime Circle Spawn

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.3%	1	0.12	80
			0.10	
			0.10	
	0.7%	1		80
	0.7%			
			0.12	
10				
				80
	0.8%			
			0.12	
		1		
		1		80
	0.6%			
20			0.12	
		1		80
	0.7%			80
			0.12	
30		1		
				80
			0.13	

434

			0.13	
	0.6%			
				80
			0.10	
40		1		
				80
	0.7%	1		
			0.12	
50				
	0.7%	1		
				80
			0.12	
	0.7%	1		
				80
60				
			0.12	
	0.6%	1		
				80

			0.12	
70	0.7%	1		
				80
			0.15	
	0.8%	1		
	0.7%			
			0.12	
80				
		1		
	0.6%	1		
			0.11	
				80
				80
	0.9%	1		
90	0.5%	1		
			0.18	
				80
				80
	0.5%	1		
			0.11	
100				

				80
	0.7%	1		
		1	0.12	
				80
	0.7%			80
		1	0.12	
110				
	1.1%			80
		1	0.19	
			0.10	
120	0.6%			80
		1		
			0.10	
	0.9%			80
		1		
			0.14	
130				
	1.9%			80
		1		
			0.32	

	0.6%			80
		1		
140			0.10	
	0.5%			80
		1		
			0.10	
150	0.6%			80
		1		
			0.10	
160				
180	0.6%			80
		1		
			0.10	
	0.7%			80
		1		

			0.12	
190				
	0.6%			80
		1		
			0.12	
	0.7%			80
	0.7%	1		
			0.11	
200				
				80
	0.7%	1		
			0.10	
				80
210	0.7%	1		
		1	0.12	
220				

270				
				80
	2.1%			80
		1	0.14	
280	0.5%			80
		1	0.14	
	0.9%			80
		1	0.16	
290				

A.2.4 CEM OBJETOS POR SEGUNDO

Tabela 67: 100 Objetos por segundo Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.4%	52	0.26	32

	0.3%	78	0.04	0
	0.3%	50	0.09	0
	0.9%	60	0.03	0
	0.2%	60	0.04	0
	0.2%	62	0.01	0
	0.0%	34	0.01	0
	0.1%	36	0.01	0
10	0.1%	48	0.02	0
	0.0%	26	0.01	0
	0.2%	42	0.02	0
	0.2%	38	0.03	0
	0.2%	58	0.06	0
	0.1%	24	0.01	0
	0.1%	42	0.02	0
	0.1%	48	0.02	0
	0.0%	28	0.01	0
	0.1%	34	0.02	0
20	0.1%	46	0.02	0
	0.0%	44	0.02	0
	0.2%	44	0.02	0
	0.1%	48	0.03	0
	0.2%	54	0.03	0
	0.0%	30	0.01	0
	0.1%	52	0.03	0
	0.2%	50	0.05	0
	0.2%	36	0.04	0
	0.0%	50	0.04	0
30	0.2%	90	0.13	0
	0.8%	156	0.20	0
	0.5%	76	0.05	0
	0.2%	58	0.03	0
	0.2%	60	0.10	0
	0.5%	46	0.05	0
	0.1%	64	0.05	0

	0.2%	70	0.11	0
	0.3%	64	0.03	0
	0.4%	52	0.10	0
40	0.3%	90	0.03	0
	0.3%	70	0.04	0
	0.1%	68	0.02	0
	0.2%	38	0.06	0
	0.3%	54	0.04	0
	0.2%	88	0.04	0
	0.2%	50	0.08	0
	0.1%	50	0.02	0
	0.3%	42	0.04	0
	0.3%	94	0.03	0
50	0.2%	40	0.04	0
	0.1%	58	0.06	0
	0.3%	42	0.08	0
	0.5%	90	0.09	0
	0.1%	74	0.02	0
	0.1%	42	0.05	0
	0.1%	56	0.09	0
	0.4%	106	0.05	0
	0.3%	154	0.08	0
	0.1%	72	0.05	0
60	0.1%	94	0.03	0
	0.4%	60	0.07	0
	0.2%	82	0.05	0
	0.1%	50	0.03	0
	0.1%	66	0.04	0
	0.2%	92	0.02	0
	0.1%	60	0.04	0
	0.1%	52	0.05	0
	0.3%	48	0.03	0
	0.3%	52	0.02	0
70	0.1%	56	0.02	0

	0.1%	78	0.05	0
	0.2%	78	0.02	0
	0.1%	98	0.07	0
	0.3%	50	0.07	0
	0.3%	56	0.02	0
	0.2%	84	0.03	0
	0.2%	78	0.03	0
	0.3%	58	0.02	0
	0.1%	64	0.03	0
80	0.1%	66	0.05	0
	0.2%	78	0.07	0
	0.3%	100	0.07	0
	0.4%	116	0.06	0
	0.1%	136	0.05	0
	0.1%	108	0.03	0
	0.2%	78	0.07	0
	0.1%	106	0.07	0
	0.2%	128	0.07	0
	0.3%	144	0.09	0
90	0.6%	120	0.03	0
	0.4%	144	0.04	0
	0.2%	74	0.03	0
	0.1%	76	0.04	0
	0.1%	108	0.03	0
	0.2%	80	0.07	0
	0.3%	74	0.07	0
	0.1%	102	0.06	0
	0.2%	144	0.03	0
	0.3%	122	0.05	0
100	0.1%	118	0.03	0
	0.3%	74	0.07	0
	0.1%	78	0.03	0
	0.4%	144	0.03	0
	0.3%	76	0.22	0

	0.2%	82	0.10	0
	0.3%	150	0.17	0
	0.2%	156	0.14	0
	0.3%	172	0.08	0
	0.1%	208	0.08	0
110	0.2%	156	0.14	0
	0.2%	182	0.04	0
	0.3%	178	0.08	0
	0.1%	156	0.14	0
	0.2%	80	0.07	0
	0.2%	164	0.07	0
	0.2%	130	0.12	0
	0.2%	130	0.03	0
	0.2%	230	0.09	0
	0.3%	68	0.12	0
120	0.2%	156	0.14	0
	0.2%	220	0.16	0
	0.2%	220	0.14	0
	0.2%	224	0.12	0
	0.3%	270	0.22	0
	0.2%	458	0.14	0
	0.2%	272	0.16	0
	0.2%	232	0.13	0
	0.2%	224	0.22	0
	0.2%	458	0.17	0
130	0.1%	284	0.22	0
	0.3%	458	0.20	0
	0.1%	248	0.26	0
	0.2%	306	0.24	0
	0.1%	396	0.24	0
	0.1%	418	0.52	0
	0.1%	436	0.22	0
	0.1%	458	0.23	0
	0.2%	444	0.23	0

	0.1%	428	0.22	0
140	0.1%	368	0.26	0
	0.1%	434	0.31	0
	0.2%	418	0.31	0
	0.2%	518	0.25	0
	0.1%	440	0.24	0
	0.1%	518	0.26	0
	0.1%	500	0.32	0
	0.1%	436	0.31	0
	0.2%	466	0.31	0
	0.1%	518	0.23	0
150	0.1%	510	0.27	0
	0.1%	586	0.29	0
	0.1%	562	0.31	0
	0.1%	522	0.33	0
	0.2%	518	0.27	0
	0.1%	544	0.26	0
	0.2%	566	0.30	0
	0.1%	612	0.39	0
	0.1%	552	0.30	0
	0.1%	534	0.30	0
160	0.1%	540	0.39	0
	0.1%	558	0.31	0
	0.1%	540	0.28	0
	0.1%	556	0.30	0
	0.2%	590	0.30	0
	0.1%	558	0.28	0
	0.1%	602	0.39	0
	0.1%	540	0.28	0
	0.2%	556	0.39	0
	0.1%	540	0.32	0
170	0.1%	512	0.38	0
	0.2%	538	0.45	0
	0.1%	540	0.57	0

	0.2%	556	0.41	0
	0.1%	566	0.47	0
	0.1%	622	0.30	0
	0.1%	616	0.42	0
	0.2%	610	0.34	0
	0.1%	696	0.30	0
	0.1%	594	0.31	0
180	0.1%	592	0.30	0
	0.1%	610	0.31	0
	0.2%	632	0.34	0
	0.1%	648	0.29	0
	0.2%	670	0.33	0
	0.1%	650	0.36	0
	0.1%	578	0.38	0
	0.1%	584	0.39	0
	0.1%	610	0.30	0
	0.2%	610	0.30	0
190	0.1%	574	0.30	0
	0.2%	574	0.36	0
	0.1%	576	0.28	0
	0.1%	688	0.32	0
	0.1%	682	0.36	0
	0.1%	590	0.37	0
	0.1%	590	0.32	0
	0.1%	584	0.30	0
	0.1%	616	0.34	0
	0.1%	638	0.36	0
200	0.1%	612	0.35	0
	0.1%	578	0.36	0
	0.1%	638	0.36	0
	0.1%	644	0.37	0
	0.1%	678	0.36	0
	0.1%	656	0.34	0
	0.2%	598	0.33	0

	0.1%	660	0.36	0
	0.1%	662	0.34	0
	0.1%	636	0.36	0
210	0.1%	680	0.35	0
	0.1%	740	0.36	0
	0.1%	624	0.36	0
	0.1%	662	0.37	0
	0.1%	670	0.31	0
	0.1%	666	0.34	0
	0.1%	706	0.35	0
	0.1%	690	0.33	0
	0.1%	698	0.36	0
	0.1%	656	0.37	0
220	0.1%	698	0.38	0
	0.1%	646	0.41	0
	0.1%	700	0.33	0
	0.1%	664	0.37	0
	0.1%	664	0.36	0
	0.1%	674	0.42	0
	0.1%	644	0.36	0
	0.1%	632	0.37	0
	0.1%	666	0.34	0
	0.2%	736	0.37	0
230	0.1%	764	0.36	0
	0.1%	750	0.41	0
	0.1%	704	0.36	0
	0.1%	718	0.35	0
	0.1%	796	0.36	0
	0.1%	668	0.31	0
	0.1%	686	0.38	0
	0.1%	724	0.41	0
	0.1%	640	0.37	0
	0.1%	728	0.42	0
240	0.1%	706	0.38	0

	0.1%	674	0.41	0
	0.1%	656	0.34	0
	0.1%	684	0.37	0
	0.1%	684	0.42	0
	0.1%	730	0.34	0
	0.1%	668	0.41	0
	0.1%	710	0.43	0
	0.1%	668	0.39	0
	0.1%	694	0.36	0
250	0.1%	668	0.33	0
	0.1%	710	0.38	0
	0.1%	658	0.42	0
	0.1%	658	0.43	0
	0.1%	712	0.39	0
	0.1%	624	0.38	0
	0.1%	694	0.34	0
	0.1%	684	0.32	0
	0.1%	666	0.34	0
	0.1%	668	0.37	0
260	0.1%	684	0.36	0
	0.1%	718	0.34	0
	0.2%	706	0.40	0
	0.1%	664	0.39	0
	0.1%	710	0.38	0
	0.1%	748	0.38	0
	0.1%	710	0.35	0
	0.1%	738	0.34	0
	0.1%	760	0.40	0
	0.1%	714	0.43	0
270	0.1%	748	0.38	0
	0.1%	700	0.34	0
	0.1%	618	0.43	0
	0.1%	708	0.37	0
	0.1%	688	0.38	0

	0.1%	704	0.35	0
	0.1%	710	0.37	0
	0.1%	712	0.36	0
	0.1%	718	0.35	0
	0.1%	718	0.34	0
280	0.1%	690	0.36	0
	0.1%	780	0.43	0
	0.1%	718	0.43	0
	0.1%	752	0.34	0
	0.1%	712	0.36	0
	0.1%	660	0.40	0
	0.1%	728	0.37	0
	0.1%	668	0.40	0
	0.1%	690	0.40	0
	0.1%	744	0.34	0
290	0.1%	740	0.38	0
	0.1%	660	0.34	0
	0.1%	718	0.39	0
	0.1%	706	0.33	0
	0.1%	694	0.32	0
	0.1%	710	0.44	0
	0.1%	722	0.41	0
	0.1%	680	0.40	0

Tabela 68: 100 Objetos por segundo Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.0%	20	0.05	0
	0.2%	40	0.03	0
	0.2%	14	0.04	0
	0.3%	30	0.01	0
	0.1%	30	0.03	0

	0.2%	38	0.02	0
	0.1%	44	0.02	0
	0.0%	20	0.01	0
10	0.1%	38	0.02	0
	0.0%	32	0.01	0
	0.1%	26	0.01	0
	0.1%	30	0.02	0
	0.1%	32	0.02	0
	0.2%	40	0.01	0
	0.0%	14	0.00	0
	0.1%	30	0.01	0
	0.1%	40	0.01	0
	0.0%	30	0.09	0
20	0.0%	42	0.01	0
	0.0%	42	0.03	0
	0.3%	32	0.01	0
	0.1%	40	0.03	0
	0.1%	30	0.03	0
	0.1%	32	0.02	0
	0.1%	54	0.02	0
	0.0%	786	0.03	0
	0.1%	34	0.11	0
	0.3%	786	0.17	0
30	0.2%	90	0.01	0
	0.7%	98	0.03	0
	0.1%	28	0.07	0
	0.2%	54	0.04	0
	0.1%	772	0.04	0
	0.4%	772	0.09	0
	0.1%	48	0.09	0
	0.1%	48	0.08	0
	0.3%	38	0.08	0
	0.2%	62	0.02	0
40	0.5%	48	0.03	0

	0.1%	100	0.06	0
	0.1%	38	0.01	0
	0.2%	48	0.06	0
	0.1%	66	0.03	0
	0.1%	36	0.01	0
	0.4%	100	0.06	0
	0.1%	22	0.02	0
	0.1%	48	0.07	0
	0.2%	786	0.09	0
50	0.1%	32	0.02	0
	0.1%	786	0.08	0
	0.3%	56	0.01	0
	0.1%	46	0.08	0
	0.4%	772	0.09	0
	0.1%	62	0.07	0
	0.2%	62	0.02	0
	0.0%	772	0.06	0
	0.1%	36	0.05	0
	0.3%	98	0.05	0
60	0.2%	140	0.04	0
	0.2%	70	0.03	0
	0.4%	40	0.02	0
	0.1%	48	0.03	0
	0.3%	40	0.08	0
	0.2%	56	0.02	0
	0.1%	54	0.02	0
	0.1%	58	0.06	0
	0.2%	70	0.08	0
	0.1%	62	0.02	0
70	0.1%	50	0.06	0
	0.1%	68	0.02	0
	0.4%	52	0.02	0
	0.1%	70	0.03	0
	0.1%	62	0.03	0

	0.1%	38	0.04	0
	0.2%	70	0.02	0
	0.1%	116	0.02	0
	0.1%	30	0.06	0
	0.2%	48	0.06	0
80	0.2%	46	0.06	0
	0.1%	42	0.05	0
	0.2%	144	0.03	0
	0.1%	70	0.07	0
	0.1%	52	0.06	0
	0.2%	60	0.02	0
	0.2%	70	0.05	0
	0.1%	108	0.05	0
	0.1%	94	0.03	0
	0.1%	70	0.02	0
90	0.2%	144	0.04	0
	0.3%	130	0.08	0
	0.1%	94	0.06	0
	0.1%	104	0.02	0
	0.2%	144	0.01	0
	0.1%	52	0.11	0
	0.0%	72	0.03	0
	0.1%	72	0.07	0
	0.1%	50	0.03	0
	0.1%	144	0.02	0
100	0.2%	144	0.11	0
	0.3%	88	0.08	0
	0.1%	168	0.07	0
	0.0%	114	0.07	0
	0.2%	42	0.07	0
	0.2%	64	0.11	0
	0.2%	62	0.03	0
	0.1%	144	0.08	0
	0.2%	68	0.11	0

	0.2%	168	0.05	0
110	0.3%	40	0.07	0
	0.1%	166	0.09	0
	0.2%	150	0.01	0
	0.1%	168	0.08	0
	0.2%	130	0.21	0
	0.2%	146	0.11	0
	0.0%	134	0.11	0
	0.2%	168	0.21	0
	0.1%	58	0.10	0
	0.2%	150	0.10	0
120	0.2%	144	0.14	0
	0.2%	180	0.21	0
	0.2%	408	0.13	0
	0.2%	36	0.21	0
	0.1%	168	0.21	0
	0.1%	184	0.26	0
	0.1%	194	0.21	0
	0.2%	408	0.20	0
	0.2%	212	0.25	0
	0.1%	226	0.21	0
130	0.1%	254	0.23	0
	0.1%	212	0.22	0
	0.1%	204	0.32	0
	0.1%	408	0.32	0
	0.2%	408	0.23	0
	0.1%	200	0.22	0
	0.1%	280	0.26	0
	0.1%	330	0.32	0
	0.1%	386	0.22	0
	0.1%	450	0.22	0
140	0.1%	386	0.27	0
	0.1%	408	0.28	0
	0.1%	484	0.32	0

	0.2%	358	0.29	0
	0.1%	484	0.26	0
	0.1%	406	0.25	0
	0.2%	398	0.27	0
	0.1%	484	0.32	0
	0.1%	426	0.30	0
	0.1%	470	0.30	0
150	0.1%	424	0.38	0
	0.1%	432	0.32	0
	0.1%	484	0.38	0
	0.1%	496	0.38	0
	0.1%	528	0.29	0
	0.1%	514	0.30	0
	0.1%	484	0.29	0
	0.1%	524	0.33	0
	0.2%	562	0.25	0
	0.1%	570	0.38	0
160	0.1%	530	0.28	0
	0.1%	548	0.38	0
	0.1%	536	0.36	0
	0.2%	548	0.50	0
	0.1%	548	0.44	0
	0.1%	524	0.27	0
	0.1%	550	0.27	0
	0.1%	536	0.38	0
	0.2%	548	0.42	0
	0.1%	564	0.44	0
170	0.1%	524	0.40	0
	0.1%	548	0.27	0
	0.1%	510	0.34	0
	0.1%	504	0.35	0
	0.1%	548	0.31	0
	0.1%	526	0.34	0
	0.1%	620	0.37	0

	0.1%	578	0.31	0
	0.2%	578	0.31	0
	0.1%	618	0.27	0
180	0.1%	584	0.27	0
	0.1%	596	0.34	0
	0.1%	578	0.32	0
	0.1%	576	0.34	0
	0.1%	616	0.35	0
	0.1%	654	0.34	0
	0.2%	546	0.34	0
	0.1%	594	0.30	0
	0.1%	578	0.37	0
	0.1%	578	0.35	0
190	0.1%	604	0.32	0
	0.1%	586	0.28	0
	0.2%	578	0.37	0
	0.1%	630	0.32	0
	0.1%	644	0.34	0
	0.1%	642	0.34	0
	0.1%	590	0.35	0
	0.1%	576	0.32	0
	0.1%	628	0.32	0
	0.1%	612	0.37	0
200	0.1%	512	0.33	0
	0.1%	664	0.37	0
	0.1%	624	0.37	0
	0.1%	666	0.31	0
	0.1%	608	0.34	0
	0.1%	654	0.32	0
	0.1%	642	0.37	0
	0.1%	670	0.38	0
	0.1%	678	0.34	0
	0.1%	718	0.33	0
210	0.1%	624	0.37	0

	0.1%	632	0.31	0
	0.1%	700	0.35	0
	0.1%	678	0.36	0
	0.1%	700	0.32	0
	0.1%	664	0.38	0
	0.1%	664	0.43	0
	0.1%	674	0.32	0
	0.1%	648	0.32	0
	0.1%	704	0.36	0
220	0.1%	676	0.32	0
	0.2%	690	0.31	0
	0.1%	654	0.37	0
	0.1%	720	0.38	0
	0.1%	612	0.36	0
	0.1%	578	0.31	0
	0.1%	638	0.37	0
	0.1%	694	0.43	0
	0.1%	718	0.31	0
	0.1%	774	0.31	0
230	0.1%	720	0.37	0
	0.1%	714	0.33	0
	0.2%	768	0.37	0
	0.2%	746	0.36	0
	0.1%	644	0.38	0
	0.1%	730	0.43	0
	0.1%	720	0.37	0
	0.1%	624	0.43	0
	0.1%	750	0.41	0
	0.1%	688	0.36	0
240	0.1%	654	0.39	0
	0.1%	698	0.37	0
	0.1%	654	0.43	0
	0.1%	720	0.43	0
	0.1%	720	0.39	0

	0.1%	696	0.37	0
	0.1%	644	0.38	0
	0.1%	730	0.31	0
	0.1%	670	0.37	0
	0.1%	662	0.39	0
250	0.1%	690	0.37	0
	0.1%	712	0.36	0
	0.1%	644	0.36	0
	0.1%	688	0.36	0
	0.1%	688	0.38	0
	0.1%	614	0.35	0
	0.2%	752	0.37	0
	0.1%	610	0.43	0
	0.1%	720	0.35	0
	0.1%	666	0.41	0
260	0.1%	602	0.36	0
	0.1%	648	0.37	0
	0.1%	644	0.38	0
	0.2%	644	0.38	0
	0.1%	750	0.38	0
	0.1%	700	0.37	0
	0.1%	688	0.33	0
	0.1%	702	0.40	0
	0.1%	754	0.31	0
	0.1%	740	0.36	0
270	0.1%	688	0.36	0
	0.1%	680	0.31	0
	0.1%	720	0.35	0
	0.1%	680	0.38	0
	0.1%	672	0.37	0
	0.1%	666	0.38	0
	0.1%	638	0.42	0
	0.1%	754	0.35	0
	0.1%	720	0.34	0

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	656	0.39	0
280	0.1%	756	0.39	0
	0.1%	666	0.38	0
	0.1%	648	0.37	0
	0.1%	710	0.35	0
	0.1%	690	0.36	0
	0.1%	664	0.43	0
	0.1%	772	0.37	0
	0.1%	762	0.35	0
	0.1%	686	0.36	0
	0.1%	740	0.35	0
290	0.1%	704	0.34	0
	0.1%	786	0.37	0
	0.1%	686	0.33	0
	0.1%	660	0.39	0
	0.1%	754	0.35	0
	0.0%	686	0.49	0
		754	0.43	0
		750	0.36	0

Tabela 69: 100 Objetos por segundo Runtime Circle OnCollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	70	0.13	0
	0.5%	118	0.08	0
	0.5%	56	0.13	0
	3.4%	76	0.09	0
	0.3%	76	0.36	0
	0.4%	98	0.05	0
	0.4%	116	0.06	0
	0.3%	130	0.06	0
10	0.4%	128	0.06	0

	0.9%	144	0.06	0
	0.6%	144	0.06	0
	0.6%	162	0.07	0
	1.4%	180	0.08	0
	1.6%	190	0.08	0
	2.1%	434	0.15	0
	1.4%	434	0.11	0
	0.6%	760	0.10	0
	0.6%	208	0.10	0
20	0.6%	218	0.11	0
	0.4%	222	0.23	0
	1.0%	222	0.12	0
	0.8%	234	0.23	0
	0.7%	242	0.10	0
	0.8%	266	0.11	0
	1.0%	264	0.13	0
	0.6%	274	0.13	0
	6.1%	17740	0.14	0
	5.2%	276	0.20	0
30	3.2%	888	0.18	0
	1.4%	966	0.31	0
	3.6%	356	1.49	0
	5.2%	21114	0.34	0
	1.4%	378	0.31	0
	3.2%	588	0.64	0
	2.3%	388	0.43	0
	4.6%	404	1.37	0
	5.9%	434	10.28	0
	2.2%	412	0.74	0
40	1.8%	588	0.23	0
	1.4%	434	1.25	0
	5.5%	912	0.82	0
	2.2%	450	1.37	0
	3.2%	472	0.23	0

	4.3%	476	0.82	0
	2.1%	988	0.31	0
	5.2%	496	0.42	0
	3.1%	498	0.77	0
	5.2%	514	0.44	0
50	4.5%	524	0.61	0
	2.1%	562	0.53	0
	2.6%	588	0.53	0
	4.7%	760	0.57	0
	4.7%	564	0.51	0
	2.7%	588	0.84	0
	5.2%	594	1.37	0
	3.2%	760	0.37	0
	4.0%	1204	0.82	0
	3.5%	1896	0.50	0
60	2.1%	964	1.37	0
	2.1%	964	0.94	0
	1.2%	632	0.82	0
	3.4%	656	0.33	0
	4.7%	664	1.39	0
	2.0%	690	1.39	0
	2.1%	694	0.50	0
	2.1%	716	0.33	0
	1.3%	760	0.34	0
	1.8%	726	0.35	0
70	4.7%	758	0.35	0
	4.6%	964	0.37	0
	3.0%	760	0.82	0
	2.1%	1572	0.38	0
	3.5%	964	0.36	0
	2.1%	784	1.39	0
	2.5%	794	0.82	0
	2.4%	826	0.35	0
	2.4%	2296	0.39	0

	4.7%	840	0.42	0
80	1.9%	856	1.39	0
	2.7%	2296	0.41	0
	3.5%	862	0.40	0
	2.1%	866	0.44	0
	4.7%	964	0.62	0
	4.0%	1782	0.46	0
	1.9%	1848	0.62	0
	3.4%	964	0.90	0
	4.1%	2296	1.42	0
	5.8%	1940	1.39	0
90	2.1%	1970	0.88	0
	2.0%	1016	0.50	0
	3.0%	1018	1.39	0
	2.1%	1022	0.62	0
	6.5%	2296	1.15	0
	1.8%	1088	0.57	0
	3.5%	2148	0.55	0
	6.5%	2296	0.62	0
	5.8%	2186	1.19	0
	4.2%	2930	1.14	0
100	2.1%	2222	1.12	0
	6.5%	1116	0.62	0
	5.1%	2930	0.61	0
	2.3%	1126	2.86	0
	2.0%	1138	0.58	0
	4.3%	2296	0.55	0
	5.0%	1148	1.22	0
	5.0%	2930	2.86	0
	3.7%	1184	0.56	0
	6.5%	2428	0.62	0
110	6.5%	3642	2.02	0
	3.6%	2572	2.86	0
	6.2%	2648	2.12	0

	2.6%	2930	2.01	0
	4.2%	2930	1.32	0
	4.9%	1356	1.33	0
	4.1%	2756	1.37	0
	6.5%	2820	2.86	0
	4.9%	4266	2.86	0
	3.6%	11430	1.40	0
120	4.9%	1468	1.46	0
	3.8%	2930	2.09	0
	5.1%	4516	0.74	0
	4.4%	4524	1.63	0
	4.7%	11430	5.68	0
	5.4%	11430	2.86	0
	4.9%	4620	2.50	0
	4.1%	6352	5.68	0
	6.0%	4846	3.12	0
	4.9%	11430	5.68	0
130	4.1%	5034	2.33	0
	3.9%	6826	2.37	0
	5.0%	11430	5.68	0
	4.9%	8818	3.26	0
	4.6%	10900	5.48	0
	3.7%	10836	5.68	0
	4.4%	11430	5.47	0
	3.7%	11786	5.51	0
	4.4%	13980	5.61	0
	5.5%	9910	7.25	0
140	4.0%	13980	5.68	0
	3.7%	11924	7.77	0
	3.7%	12172	7.46	0
	4.7%	13980	7.77	0
	4.8%	12362	6.01	0
	5.0%	13980	6.29	0
	5.1%	12558	6.46	0

	3.7%	12826	7.77	0
	5.5%	12978	7.77	0
	4.2%	13090	7.25	0
150	3.7%	13194	6.49	0
	5.2%	13980	6.64	0
	5.2%	13586	7.49	0
	4.2%	13760	7.77	0
	4.6%	13980	6.94	0
	5.3%	14034	7.77	0
	4.6%	14146	7.27	0
	4.6%	14424	8.15	0
	4.3%	14558	7.18	0
	4.1%	14616	7.49	0
160	4.8%	14690	7.43	0
	5.3%	14892	8.54	0
	4.6%	15246	11.47	0
	5.0%	15428	11.47	0
	5.7%	15680	8.20	0
	4.3%	15738	11.47	0
	4.6%	15922	9.00	0
	4.6%	16376	7.76	0
	5.3%	17766	9.14	0
	5.3%	16588	9.37	0
170	4.7%	17766	11.47	0
	4.6%	16494	10.55	0
	5.3%	16528	11.47	0
	6.1%	16510	11.47	0
	4.5%	17766	12.51	0
	5.2%	16608	10.85	0
	4.8%	16640	11.19	0
	5.2%	16840	13.11	0
	5.1%	17276	11.09	0
	5.2%	17346	8.85	0
180	5.5%	17532	9.02	0

	5.3%	17766	8.52	0
	5.3%	17504	9.66	0
	4.6%	17766	9.02	0
	5.3%	17766	9.03	0
	5.4%	18050	9.49	0
	5.0%	18108	9.10	0
	5.2%	18046	9.31	0
	5.0%	18076	9.02	0
	5.2%	18230	9.25	0
190	4.1%	19440	9.38	0
	4.1%	18420	9.29	0
	5.0%	18322	9.02	0
	5.2%	18344	9.40	0
	4.4%	19440	9.12	0
	5.0%	18240	9.31	0
	4.0%	18178	9.02	0
	5.0%	18462	9.12	0
	5.2%	18632	9.02	0
	5.2%	19440	9.44	0
200	4.4%	19440	9.16	0
	4.3%	18968	9.28	0
	5.0%	18900	9.58	0
	4.2%	19016	9.37	0
	4.8%	18942	9.40	0
	5.0%	18940	9.69	0
	5.0%	19440	10.16	0
	5.0%	19072	9.47	0
	5.0%	19162	9.69	0
	4.7%	19440	9.87	0
210	4.9%	19358	10.27	0
	4.8%	19540	9.93	0
	4.1%	20464	10.12	0
	5.0%	19364	10.09	0
	4.7%	19264	9.71	0

	5.0%	19598	9.98	0
	4.8%	19788	10.12	0
	4.6%	20464	10.27	0
	5.1%	19764	10.22	0
	4.2%	19776	10.20	0
220	4.7%	19664	11.16	0
	4.7%	20046	10.20	0
	5.1%	20876	9.65	0
	4.7%	20464	10.60	0
	4.7%	16764	10.27	0
	4.7%	20322	9.97	0
	4.9%	20464	10.40	0
	4.7%	20908	10.32	0
	5.1%	20352	10.35	0
	4.6%	20366	10.27	0
230	4.8%	20326	11.16	0
	5.0%	20876	9.94	0
	4.9%	20394	10.13	0
	4.7%	20464	10.44	0
	5.1%	20578	10.27	0
	4.6%	20580	10.19	0
	5.1%	20284	11.16	0
	4.6%	20344	10.04	0
	5.2%	20876	10.22	0
	5.1%	20908	10.32	0
240	4.5%	20230	10.30	0
	5.2%	20178	10.25	0
	4.7%	20464	10.27	0
	4.9%	20722	10.25	0
	5.1%	20602	10.32	0
	4.9%	20908	11.16	0
	4.8%	20544	10.44	0
	5.1%	20876	10.44	0
	4.6%	20446	10.41	0

	5.1%	20354	11.16	0
250	4.9%	20660	10.27	0
	5.3%	20876	10.45	0
	4.5%	20810	10.44	0
	5.1%	20784	10.31	0
	5.2%	20792	10.64	0
	4.3%	20908	10.32	0
	5.0%	20836	10.40	0
	5.0%	20786	10.23	0
	4.5%	20762	10.32	0
	4.8%	20908	11.16	0
260	4.8%	20714	10.14	0
	4.9%	20876	10.13	0
	4.4%	21204	10.30	0
	4.9%	21146	10.44	0
	5.0%	20976	10.64	0
	4.4%	20908	10.44	0
	4.6%	20920	10.28	0
	5.2%	21072	10.45	0
	5.0%	21020	10.91	0
	4.9%	21358	10.32	0
270	4.8%	21584	11.27	0
	5.2%	21114	10.77	0
	4.8%	21576	10.76	0
	4.5%	21652	10.59	0
	4.8%	21550	10.73	0
	4.9%	17740	10.30	0
	4.8%	21472	10.44	0
	4.8%	21692	10.68	0
	4.2%	21618	11.46	0
	4.6%	21574	10.30	0
280	5.1%	21650	10.28	0
	5.0%	21650	10.56	0
	4.8%	21432	10.66	0

	5.2%	21396	10.28	0
	5.0%	21114	10.63	0
	5.2%	21084	10.70	0
	5.5%	21114	10.51	0
	4.5%	21258	10.45	0
	4.5%	17740	11.12	0
	4.9%	21230	10.54	0
290	4.8%	21262	10.51	0
	4.5%	17740	10.24	0
	4.8%	21220	10.27	0
	4.5%	20992	10.30	0
	5.2%	21126	10.30	0
	4.8%	21302	11.11	0
	4.6%	21494	10.81	0
	4.7%	21718	10.81	0

Tabela 70: 100 Objetos por segundo Runtime Circle On-TriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				

	1.2%	2	0.17	0
	0.0%	4	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
40				
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.01	0
	0.0%	2	0.01	0
	0.0%	4	0.00	0
50	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
60	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
70				
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
80	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
90	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
100	0.0%	2	0.00	0

	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
110				
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
120	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.01	0
130	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
	0.0%	14	0.01	0
	0.0%	10	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
140				
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
150	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
160	0.0%	8	0.01	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	16	0.01	0
	0.0%	10	0.01	0
	0.0%	10	0.00	0

	0.0%	8	0.00	0
170	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.02	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
180	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
190	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
200	0.0%	8	0.00	0
	0.0%	4	0.00	0

	0.0%	8	0.00	0
	0.0%	8	0.01	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.01	0
210	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
220	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
230	0.0%	14	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0

	0.0%	10	0.00	0
	0.0%	8	0.00	0
240	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.01	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
250	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	16	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
260	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	16	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.01	0
	0.0%	4	0.00	0
270	0.0%	2	0.00	0

	totalPercent	calls	totalTime	gcMemory
	0.0%	2	0.00	0
	0.0%	4	0.01	0
	0.0%	6	0.01	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
280	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
290	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0

Tabela 71: 100 Objetos por segundo Runtime Circle On-TriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
40				
	0.7%	2	0.12	0
	0.0%	4	0.01	0
50	0.0%			
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	2		
			0.00	0
	0.0%	2		0
			0.00	
	0.0%	2	0.00	0
60	0.1%	6	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
70				
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
80	0.0%	2	0.00	0
	0.0%			
		2	0.00	0
	0.0%			
		2	0.00	0
	0.0%	4		
90			0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2	0.00	0
100				
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
110	0.0%	4	0.00	0
	0.0%			
		2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
120	0.0%	4	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
130	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.02	0
	0.0%	6	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
140	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.01	0
150	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.01	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.01	0
	0.0%	10	0.00	0
	0.0%	2	0.01	0
160				
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.01	0
	0.0%	4	0.00	0

	0.0%	12	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
170	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
180	0.0%	4	0.00	0
	0.0%			
		4	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
190	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
200	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	14	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
210	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
220				
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
230	0.0%	8	0.01	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
240	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
250	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.01	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
260	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0

	0.0%	6	0.00	0
270	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.01	0
	0.0%	8	0.00	0
280	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.01	0
	0.0%	6	0.00	0
	0.0%	6	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
290	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0

Tabela 72: 100 Objetos por segundo Runtime Circle On-TriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
30				
	0.5%	2	0.17	0
	0.1%	6	0.01	0
	0.0%	6	0.01	0
	0.0%	8	0.00	0
	0.0%	96	0.01	0
40	0.0%	10	0.02	0
	0.1%	20	0.29	0
	0.0%	10	0.29	0
	0.0%	10	0.01	0
	0.1%	606	0.02	0
	0.1%	606	0.01	0
	0.1%	14	0.03	0
	0.1%	20	0.01	0
	0.3%	20	0.06	0
	0.2%	24	0.01	0

50	0.3%	24	0.04	0
	0.1%	24	0.01	0
	0.0%	24	0.02	0
	0.0%	50	0.07	0
	0.1%	96	0.06	0
	0.3%	96	0.02	0
	0.1%	32	0.02	0
	0.2%	36	0.02	0
	0.3%	46	0.05	0
	0.2%	38	0.02	0
60	0.2%	40	0.02	0
	0.2%	36	0.03	0
	0.0%	36	0.02	0
	0.3%	40	0.03	0
	0.1%	38	0.02	0
	0.2%	42	0.03	0
	0.1%	42	0.02	0
	0.1%	44	0.02	0
	0.0%	44	0.02	0
	0.1%	46	0.06	0
70	0.3%	92	0.02	0
	0.2%	46	0.02	0
	0.0%	48	0.02	0
	0.4%	46	0.02	0
	0.2%	46	0.02	0
	0.1%	48	0.02	0
	0.1%	102	0.02	0
	0.1%	48	0.03	0
	0.1%	46	0.02	0
	0.0%	52	0.01	0
80	0.1%	104	0.05	0
	0.1%	102	0.07	0
	0.4%	104	0.05	0
	0.2%	52	0.03	0

	0.1%	102	0.12	0
	0.4%	106	0.16	0
	0.4%	104	0.02	0
	0.4%	102	0.07	0
	0.2%	50	0.03	0
	0.1%	50	0.02	0
90	0.1%	52	0.02	0
	0.1%	54	0.02	0
	0.1%	104	0.05	0
	0.1%	104	0.05	0
	0.1%	98	0.09	0
	0.3%	96	0.07	0
	0.5%	46	0.07	0
	0.1%	46	0.02	0
	0.0%	46	0.02	0
	0.1%	104	0.07	0
100	0.3%	96	0.03	0
	0.1%	48	0.09	0
	0.0%	50	0.02	0
	0.2%	104	0.11	0
	0.4%	164	0.18	0
	0.2%	160	0.09	0
	0.1%	108	0.05	0
	0.1%	108	0.07	0
	0.1%	108	0.05	0
	0.2%	52	0.02	0
110	0.1%	188	0.06	0
	0.1%	104	0.05	0
	0.1%	110	0.16	0
	0.1%	112	0.06	0
	0.1%	164	0.11	0
	0.3%	188	0.03	0
	0.1%	56	0.06	0
	0.1%	168	0.16	0

	0.2%	184	0.14	0
	0.3%	188	0.18	0
120	0.3%	170	0.20	0
	0.2%	228	0.16	0
	0.2%	172	0.11	0
	0.2%	186	0.10	0
	0.1%	186	0.13	0
	0.1%	242	0.15	0
	0.1%	342	0.19	0
	0.1%	310	0.19	0
	0.1%	362	0.45	0
	0.1%	342	0.23	0
130	0.2%	368	0.46	0
	0.3%	384	0.45	0
	0.1%	380	0.20	0
	0.1%	384	0.25	0
	0.1%	418	0.23	0
	0.1%	342	0.22	0
	0.1%	428	0.25	0
	0.2%	460	0.45	0
	0.2%	460	0.24	0
	0.2%	438	0.30	0
140	0.1%	402	0.19	0
	0.2%	390	0.34	0
	0.1%	378	0.20	0
	0.1%	420	0.24	0
	0.1%	468	0.26	0
	0.1%	468	0.26	0
	0.1%	492	0.33	0
	0.1%	498	0.33	0
	0.2%	510	0.27	0
	0.1%	500	0.40	0
150	0.2%	468	0.28	0
	0.2%	468	0.28	0

	0.2%	480	0.43	0
	0.1%	464	0.33	0
	0.1%	504	0.28	0
	0.2%	520	0.34	0
	0.1%	526	0.27	0
	0.1%	492	0.31	0
	0.1%	526	0.42	0
	0.1%	502	0.25	0
160	0.2%	484	0.46	0
	0.1%	526	0.29	0
	0.1%	482	0.30	0
	0.1%	458	0.46	0
	0.1%	486	0.34	0
	0.1%	508	0.39	0
	0.1%	524	0.33	0
	0.1%	526	0.27	0
	0.1%	542	0.39	0
	0.2%	534	0.46	0
170	0.1%	512	0.39	0
	0.1%	514	0.41	0
	0.1%	508	0.31	0
	0.1%	478	0.43	0
	0.1%	574	0.43	0
	0.1%	460	0.27	0
	0.1%	448	0.30	0
	0.1%	484	0.35	0
	0.1%	522	0.25	0
	0.1%	574	0.33	0
180	0.1%	538	0.27	0
	0.1%	548	0.30	0
	0.1%	568	0.35	0
	0.1%	574	0.32	0
	0.1%	572	0.36	0
	0.1%	586	0.30	0

	0.1%	582	0.34	0
	0.1%	572	0.41	0
	0.1%	558	0.30	0
	0.1%	548	0.26	0
190	0.1%	536	0.25	0
	0.1%	566	0.28	0
	0.1%	550	0.36	0
	0.1%	528	0.28	0
	0.1%	512	0.29	0
	0.1%	548	0.27	0
	0.1%	526	0.30	0
	0.1%	558	0.28	0
	0.1%	552	0.31	0
	0.1%	548	0.31	0
200	0.1%	544	0.28	0
	0.1%	576	0.28	0
	0.1%	592	0.29	0
	0.1%	578	0.36	0
	0.1%	588	0.37	0
	0.2%	582	0.29	0
	0.1%	586	0.33	0
	0.1%	570	0.34	0
	0.1%	582	0.32	0
	0.1%	552	0.30	0
210	0.1%	526	0.29	0
	0.1%	562	0.28	0
	0.1%	580	0.32	0
	0.1%	588	0.32	0
	0.1%	592	0.31	0
	0.1%	578	0.33	0
	0.1%	588	0.34	0
	0.1%	576	0.33	0
	0.1%	604	0.33	0
	0.1%	586	0.56	0

220	0.1%	574	0.32	0
	0.3%	576	0.30	0
	0.1%	558	0.27	0
	0.1%	574	0.29	0
	0.1%	574	0.29	0
	0.1%	484	0.30	0
	0.1%	532	0.28	0
	0.1%	532	0.36	0
	0.1%	552	0.28	0
	0.1%	572	0.34	0
230	0.1%	574	0.31	0
	0.1%	570	0.30	0
	0.1%	574	0.29	0
	0.1%	590	0.30	0
	0.1%	576	0.40	0
	0.1%	554	0.31	0
	0.1%	552	0.37	0
	0.1%	552	0.34	0
	0.1%	564	0.29	0
	0.1%	564	0.32	0
240	0.1%	550	0.28	0
	0.1%	528	0.27	0
	0.1%	540	0.31	0
	0.1%	570	0.30	0
	0.1%	550	0.28	0
	0.1%	578	0.30	0
	0.1%	574	0.29	0
	0.1%	590	0.31	0
	0.1%	576	0.29	0
	0.1%	576	0.32	0
250	0.1%	574	0.37	0
	0.1%	572	0.37	0
	0.1%	556	0.30	0
	0.1%	576	0.29	0

	0.2%	612	0.49	0
	0.1%	630	0.32	0
	0.1%	618	0.31	0
	0.1%	620	0.31	0
	0.1%	590	0.28	0
	0.1%	570	0.27	0
260	0.1%	570	0.28	0
	0.1%	598	0.28	0
	0.1%	546	0.27	0
	0.1%	530	0.28	0
	0.1%	528	0.36	0
	0.1%	560	0.26	0
	0.1%	556	0.31	0
	0.1%	548	0.30	0
	0.1%	556	0.29	0
	0.1%	556	0.29	0
270	0.1%	550	0.33	0
	0.1%	560	0.37	0
	0.1%	600	0.44	0
	0.1%	638	0.37	0
	0.1%	626	0.31	0
	0.1%	606	0.32	0
	0.1%	596	0.29	0
	0.1%	594	0.31	0
	0.1%	580	0.34	0
	0.1%	576	0.38	0
280	0.1%	588	0.34	0
	0.1%	602	0.30	0
	0.1%	570	0.26	0
	0.1%	546	0.29	0
	0.1%	558	0.30	0
	0.1%	570	0.28	0
	0.1%	568	0.30	0
	0.1%	606	0.32	0

	0.1%	604	0.36	0
	0.1%	604	0.32	0
290	0.1%	598	0.32	0
	0.1%	584	0.31	0
	0.1%	574	0.54	0
	0.2%	584	0.33	0
	0.1%	566	0.35	0
	0.1%	590	0.29	0
	0.1%	582	0.33	0
	0.1%	588	0.31	0

Tabela 73: 100 Objetos por segundo Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	10.1%	1	1.81	78700000
	10.1%	1	3.14	504800
	24.0%	6	193.68	1100000
	50.0%	1	1.16	800000
	8.6%	1	1.81	3800000
	50.0%	1	1.04	426600
	6.3%	1	1.04	1100000
	5.7%	1	1.02	700000
10	41.9%	1	3.14	700000
	6.8%	1	1.12	700000
	12.2%	1	197.36	3800000
	8.3%	1	1.03	700000
	40.4%	1	31.28	2400000
	41.9%	1	31.28	2400000
	88.8%	1	197.36	700000
	16.9%	5	1.21	800000
	6.8%	1	1.33	900000
	8.5%	1	193.68	1000000

20	8.0%	1	198.01	1000000
	50.0%	5	198.01	78700000
	88.8%	1	1.36	78700000
	5.4%	1	3.14	900000
	21.8%	1	193.68	3800000
	11.0%	6	1.49	1100000
	10.6%	6	1.81	1100000
	9.2%	1	1.81	2400000
	50.0%	1	31.28	1200000
	41.9%	1	1.53	3800000
30	11.2%	1	3.14	1200000
	14.4%	1	2.12	1300000
	29.5%	1	2.57	1300000
	30.8%	1	2.98	2400000
	29.5%	1	197.36	3700000
	41.9%	1	15.42	4200000
	24.2%	1	197.36	3000000
	88.8%	3	11.65	1700000
	35.0%	5	31.28	3000000
	19.9%	3	11.41	1700000
40	50.0%	1	3.43	1800000
	26.9%	5	4.85	3800000
	88.8%	1	9.74	2400000
	30.7%	1	193.68	3800000
	18.0%	1	14.00	2000000
	47.9%	1	9.74	2000000
	29.5%	1	193.68	2400000
	50.0%	1	4.12	2000000
	29.4%	1	3.14	3000000
	22.2%	2	31.28	4099999.9999999995
50	41.9%	1	3.14	2000000
	52.9%	1	3.59	2100000
	41.9%	1	3.45	2300000
	88.8%	1	6.39	3000000

	29.5%	1	31.28	2400000
	33.2%	2	9.74	2300000
	88.8%	1	3.78	2400000
	34.8%	1	5.43	3000000
	50.0%	1	4.29	7600000
	29.2%	1	21.04	4900000
60	64.6%	1	8.12	7600000
	59.9%	1	9.74	2800000
	29.5%	1	5.61	5300000
	50.0%	2	31.28	2700000
	59.9%	1	3.84	3000000
	10.1%	1	4.76	7600000
	60.6%	1	31.28	2800000
	29.5%	2	9.74	2900000
	41.0%	3	10.94	2900000
	59.9%	1	24.14	3000000
70	47.4%	1	3.92	3000000
	52.6%	1	16.33	3000000
	27.2%	1	7.86	3000000
	29.5%	1	24.14	3000000
	55.6%	1	6.21	7600000
	45.5%	1	6.51	7600000
	28.3%	1	9.74	3000000
	59.9%	1	4.10	3400000
	29.5%	1	24.14	4500000
	59.9%	1	15.29	3400000
80	53.9%	1	5.02	7600000
	20.9%	1	9.74	3400000
	54.2%	1	15.61	6900000
	41.2%	1	9.74	7600000
	64.4%	1	24.14	4500000
	57.6%	1	24.14	4500000
	47.1%	2	15.78	3900000
	59.9%	1	5.42	7600000

	32.9%	1	5.44	7800000
	64.4%	1	5.30	4500000
90	33.7%	1	7.00	4000000
	64.4%	2	5.47	4000000
	59.9%	2	24.14	4200000
	23.3%	2	25.31	4500000
	32.3%	2	24.14	4200000
	63.4%	2	7.00	8300000.000000001
	59.9%	1	7.00	4500000
	48.6%	1	15.34	8500000
	64.4%	2	11.65	4500000
	71.1%	2	24.14	4400000
100	64.4%	1	13.59	4400000
	68.5%	2	6.88	17100000
	50.1%	1	7.00	17100000
	65.9%	1	5.96	4500000
	49.3%	2	5.98	13800000
	64.4%	2	7.00	17100000
	21.1%	2	5.98	17100000
	64.4%	2	23.58	9700000
	78.2%	2	12.84	10300000
	78.4%	1	7.00	5200000
110	78.2%	2	6.91	17100000
	47.9%	1	7.00	10600000
	64.4%	1	17.43	17100000
	26.7%	2	14.97	10800000
	63.1%	2	39.59	16200000
	78.2%	1	18.02	17100000
	74.4%	1	39.59	5500000
	78.2%	2	7.00	11300000
	23.3%	2	31.32	17100000
	81.5%	2	34.00	17100000
120	52.3%	3	20.86	17900000
	71.9%	2	39.59	23900000

	78.2%	2	25.74	18400000
	78.2%	2	39.59	18600000
	73.2%	2	14.28	33100000
	78.2%	2	20.14	40600000
	74.5%	2	39.59	40700000
	80.0%	2	29.21	41400000
	78.2%	2	28.40	42700000
	80.0%	1	39.59	54200000
130	80.0%	2	24.98	54200000
	71.9%	3	18.08	45100000
	80.0%	6	39.59	54200000
	67.8%	3	35.69	47000000
	79.6%	6	39.59	54200000
	86.0%	6	42.02	47500000
	80.0%	3	49.73	48900000
	67.7%	6	44.37	57300000
	82.4%	4	45.06	57300000
	84.3%	3	39.35	49700000
140	80.0%	5	55.20	57300000
	62.8%	6	103.03	50900000
	66.9%	6	103.03	54200000
	78.0%	6	93.81	51300000
	80.0%	6	103.03	52000000
	80.0%	6	103.03	54200000
	80.0%	6	93.88	54200000
	78.7%	6	80.55	57300000
	63.3%	6	93.42	54200000
	83.1%	6	106.58	54500000
150	80.2%	6	99.26	57300000
	71.5%	6	103.03	54800000
	63.3%	5	100.98	55500000
	81.7%	6	103.03	56000000
	81.2%	6	101.67	57300000
	66.6%	6	103.03	56600000

	81.8%	6	103.03	56900000
	79.0%	6	102.95	57300000
	68.4%	6	107.35	57300000
	84.5%	6	120.92	58000000
160	83.9%	6	117.27	58200000
	70.9%	6	179.71	58800000
	70.9%	6	179.71	59600000
	67.6%	6	114.69	62000000
	70.9%	6	179.71	61600000
	83.1%	6	121.63	61400000
	74.7%	6	123.10	61800000
	84.1%	6	127.14	62100000
	70.9%	6	148.58	62700000
	70.9%	6	179.71	71900000
170	72.9%	6	179.71	64400000.00000001
	86.2%	6	148.58	64800000
	70.9%	6	120.48	64900000.00000001
	67.0%	6	142.26	71900000
	76.5%	6	179.71	65099999.99999999
	65.0%	6	148.58	73200000
	89.0%	6	132.11	66500000
	70.9%	6	147.10	66900000.00000001
	81.4%	6	179.71	67300000
	70.9%	6	133.43	73200000
180	81.4%	6	148.58	71900000
	89.1%	6	179.71	67900000
	76.0%	6	179.22	71900000
	86.9%	6	172.00	68200000
	81.4%	6	148.58	67700000
	71.0%	6	168.16	67700000
	81.4%	6	183.06	67700000
	86.4%	6	148.58	75300000
	66.5%	6	173.28	73200000
	83.3%	6	180.29	73200000

190	71.0%	6	140.24	67900000
	81.4%	6	148.58	71900000
	72.8%	6	159.00	71900000
	75.1%	6	163.77	69000000
	81.4%	6	148.58	75300000
	82.4%	6	155.02	73200000
	78.3%	6	159.12	70300000
	80.6%	6	175.97	71900000
	81.4%	6	164.19	70400000
	79.5%	6	155.29	75300000
200	80.0%	6	146.65	71100000
	87.7%	6	161.56	73200000
	86.9%	6	158.89	71600000
	81.4%	6	175.97	71800000
	89.1%	6	172.08	75300000
	86.5%	6	164.65	71700000
	83.7%	5	165.95	71900000
	88.1%	6	164.02	73200000
	81.8%	6	175.97	71700000
	83.6%	6	162.97	72700000
210	87.4%	6	190.68	72500000
	87.1%	6	175.97	75300000
	82.1%	6	160.01	73500000
	81.4%	5	173.01	73500000
	83.6%	6	169.58	73500000
	87.8%	6	157.23	73200000
	89.8%	6	174.19	73100000
	83.1%	6	211.10	73400000
	86.6%	6	175.97	74000000
	83.6%	6	167.63	75300000
220	81.5%	6	182.13	74300000
	88.8%	5	169.07	62400000
	83.6%	6	180.61	75300000
	83.6%	5	175.97	75700000

	83.1%	6	166.66	75700000
	89.7%	6	214.92	75800000
	82.6%	6	194.57	76400000
	88.6%	6	211.10	75500000
	83.1%	6	174.72	75000000
	83.6%	6	175.97	75300000
230	81.2%	6	170.14	75000000
	86.6%	6	182.13	75800000
	87.9%	5	153.09	76700000
	86.5%	6	211.10	76100000
	88.4%	6	183.92	76300000
	83.1%	6	173.84	75800000
	80.3%	6	171.76	76600000
	83.7%	6	177.16	76900000
	83.6%	5	182.13	77000000
	84.4%	6	191.83	77100000
240	83.1%	6	214.92	77200000
	88.0%	6	187.56	76800000
	83.6%	6	190.75	76800000
	89.3%	6	175.97	78300000
	84.8%	6	211.10	77800000
	83.2%	6	186.49	78500000
	86.1%	5	214.92	77600000
	90.0%	6	171.76	77900000
	86.5%	6	166.76	78900000
	86.3%	6	182.13	79700000
250	88.6%	6	189.91	79300000
	86.5%	6	211.10	79400000
	82.8%	6	172.50	79900000
	88.9%	6	177.16	79800000
	89.0%	5	188.93	78900000
	83.7%	6	171.99	78300000
	88.8%	6	182.13	78300000
	87.9%	6	177.16	79800000

	83.7%	6	199.20	79900000
	83.6%	6	181.00	78700000
260	83.1%	6	214.92	80300000
	88.8%	6	180.08	79600000
	89.3%	6	183.43	80200000
	83.1%	6	214.92	79100000
	83.9%	6	211.41	78400000
	83.2%	6	211.10	78300000
	87.4%	6	183.16	78800000
	83.2%	6	194.37	79400000
	87.2%	6	192.74	79400000
	87.9%	6	211.10	78200000
270	83.1%	6	200.46	78600000
	86.5%	6	201.91	78300000
	86.3%	6	177.16	78300000
	83.8%	6	167.78	78200000
	86.3%	6	182.13	78700000
	88.1%	6	189.76	78700000
	86.5%	6	182.13	78900000
	87.9%	6	176.72	80400000
	87.9%	6	177.16	80000000
	83.7%	6	190.15	78600000
280	87.8%	6	183.10	78600000
	89.3%	6	214.92	79100000
	83.7%	6	183.27	78700000
	83.1%	6	181.92	77800000
	88.0%	6	214.92	78700000
	86.8%	6	215.20	79500000
	83.2%	6	211.10	65700000
	87.2%	6	191.60	79300000
	87.2%	6	200.46	
	83.2%	6	200.46	
290	83.2%	6	175.64	
	88.6%	6	198.33	

	88.8%	6	182.13	
	82.6%	6	193.42	
	86.3%	6	177.16	
	89.6%	6	177.16	
	86.3%	6	198.07	
	82.7%	6	195.66	

Tabela 74: 100 Objetos por segundo Runtime Circle Spawn

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	2.3%	6	0.22	240
	2.3%	3	0.47	80
	1.7%	1	0.22	80
		1	0.19	
	0.8%	1		80
	0.8%		0.14	80
		1	0.14	
	0.4%	1	0.14	80
10	1.5%			80
		1	0.12	
			0.14	
	1.2%			
		1		
			0.14	
	0.7%			
	1.2%			
			0.12	
		1		80
20	1.2%			
			0.12	
		1		
	0.8%	1		80
	0.7%		0.13	80

				80
		1		80
	0.9%	1	0.14	80
	0.8%			80
		1	0.69	
30	0.7%	3	0.55	80
	1.3%	1	0.12	80
	0.9%	1	0.12	
	0.9%	1	0.14	80
			0.19	
	0.5%	1		
	1.0%	1	0.14	80
			0.19	
	0.6%	1	0.12	80
			0.13	80
40				
	1.2%		0.13	80
		1	0.22	80
	0.9%	1		80
		1		80
	0.4%		0.22	80
	1.3%	1		160
	0.8%	1	0.13	80
	1.2%	1	0.15	80
	1.5%	1	0.20	80
50	0.8%	1		80
	0.7%	1	0.22	
	1.2%	1	0.23	80
	0.7%	1	0.16	80
	1.4%	2	0.13	80
	1.5%	1	0.35	80
	0.4%	1	0.26	240
		2	0.12	
	0.7%	1	0.12	80

	1.1%	1	0.14	
60	1.1%		0.19	80
	0.8%	1		80
	0.5%	1	0.12	80
	1.3%	1	0.12	80
		1	0.19	80
		1	0.13	80
	0.4%	1	0.14	
	0.6%		0.13	80
	0.6%	1	0.16	80
	0.8%			
70	1.2%	1	0.12	240
	1.2%	1		80
	0.4%	1	0.13	80
	0.7%	1	0.12	160
	0.8%	1	0.12	240
		1	0.12	
	0.9%	1	0.13	
	0.4%		0.14	160
	0.4%	1	0.12	160
		1		160
80	0.9%	1	0.15	80
	1.4%	1	0.12	80
			0.13	480
		1		80
	0.7%	2	0.12	
	1.4%	1	0.37	160
	0.5%	2	0.16	80
	0.8%		0.12	240
	0.7%			80
	0.4%	2		80
90		2	0.26	160
	1.1%	1	0.16	80
	0.8%	1	0.26	240

	1.0%	6	0.14	480
	0.5%	1	0.13	80
	0.7%	1		160
	0.4%	1	0.36	480
	0.5%		0.81	240
	1.1%	2	0.26	80
	0.5%	2	0.12	80
100	0.4%	1	0.27	160
	0.7%	1	0.14	80
	0.4%	1	0.14	240
	0.9%	1	0.16	480
	0.4%	2	0.12	480
	0.7%	1	0.28	80
	1.3%	1	0.13	80
	0.6%	6	0.21	240
	0.6%	1	0.16	240
	0.7%	3	0.81	240
110	0.4%	6	0.41	240
	0.6%	2	0.39	480
	0.6%	2	0.27	480
	0.3%	1	0.27	240
	0.7%	2	0.81	240
	0.8%	1	0.28	480
	0.6%	1	0.16	240
	0.7%	6	0.14	320
	0.7%	6	0.38	480
	0.9%	3	0.16	480
120	0.6%	1	0.81	480
	1.0%	3	0.14	480
	0.7%	3	0.81	480
	0.7%	3	0.39	480
	0.6%	6	0.81	480
	0.7%	6	0.38	400
	0.7%	4	0.81	480

	0.6%	3	0.81	480
	0.6%	6	0.46	480
	0.4%	3	0.63	480
130	0.6%	4	0.84	480
	0.7%	3	0.81	480
	0.6%	6	0.86	480
	0.6%	4	0.81	480
	0.5%	5	0.81	480
	0.5%	6	0.81	480
	0.6%	6	0.79	480
	0.7%	6	0.86	480
	0.5%	6	0.86	480
	0.6%	6	0.92	480
140	0.6%	6	0.94	480
	0.6%	5	0.86	480
	0.6%	6	0.81	480
	0.4%	6	0.81	480
	0.6%	6	0.86	480
	0.6%	6	0.88	480
	0.4%	6	0.94	480
	0.6%	6	0.88	480
	0.6%	6	0.82	480
	0.4%	6	0.81	480
150	0.6%	6	0.92	480
	0.6%	6	0.94	480
	0.5%	6	0.94	480
	0.3%	6	0.92	480
	0.4%	6	0.91	480
	0.3%	6	0.94	480
	0.6%	6	0.83	480
	0.6%	6	0.83	480
	0.4%	6	0.83	480
	0.3%	6	0.94	480
160	0.5%	6	0.92	480

	0.4%	6	0.92	480
	0.3%	6	0.90	480
	0.3%	6	0.92	480
	0.5%	6	0.94	480
	0.5%	6	0.88	480
	0.4%	6	1.02	480
	0.4%	6	0.92	480
	0.4%	6	1.03	480
	0.3%	6	1.23	480
170	0.4%	6	0.92	480
	0.4%	6	0.92	480
	0.3%	6	1.01	480
	0.5%	6	0.97	480
	0.4%	6	1.03	480
	0.4%	6	1.01	480
	0.4%	6	0.99	480
	0.5%	6	0.92	480
	0.4%	6	0.92	480
	0.4%	6	0.90	480
180	0.4%	6	0.93	480
	0.4%	6	0.93	480
	0.4%	6	0.93	480
	0.3%	6	0.93	480
	0.4%	6	1.01	480
	0.4%	6	0.93	480
	0.4%	6	0.97	480
	0.4%	6	0.92	480
	0.4%	6	0.88	480
	0.4%	6	0.91	480
190	0.4%	6	0.93	480
	0.4%	6	0.96	480
	0.4%	6	0.90	480
	0.4%	6	0.93	480
	0.5%	6	0.93	480

	0.5%	6	0.96	480
	0.4%	6	0.96	480
	0.4%	6	0.91	480
	0.4%	6	0.93	480
	0.5%	6	0.94	480
200	0.4%	6	0.95	480
	0.4%	6	1.00	480
	0.4%	6	0.94	480
	0.4%	6	0.90	480
	0.5%	6	0.93	480
	0.4%	6	0.89	480
	0.4%	6	0.98	480
	0.4%	6	0.93	480
	0.4%	6	0.95	480
	0.4%	6	0.97	480
210	0.4%	6	0.97	480
	0.4%	6	1.06	480
	0.4%	6	0.95	480
	0.4%	6	0.91	480
	0.4%	6	0.96	480
	0.4%	6	0.98	480
	0.4%	6	0.95	480
	0.5%	6	0.95	480
	0.4%	6	0.85	480
	0.4%	6	1.01	480
220	0.4%	6	0.96	480
	0.4%	6	1.03	480
	0.4%	6	0.95	480
	0.4%	6	0.95	480
	0.4%	6	0.96	480
	0.4%	6	0.92	480
	0.4%	6	0.96	480
	0.5%	6	1.00	480
	0.4%	6	0.95	480

	0.4%	6	1.01	480
230	0.4%	6	0.95	480
	0.4%	6	0.96	480
	0.4%	6	0.95	480
	0.4%	6	0.94	480
	0.4%	6	0.90	480
	0.4%	6	0.95	480
	0.4%	6	1.01	480
	0.4%	6	1.01	480
	0.5%	6	0.96	480
	0.4%	6	0.96	480
240	0.4%	6	0.96	480
	0.4%	6	0.95	480
	0.4%	6	0.96	480
	0.4%	6	0.95	480
	0.4%	6	0.96	480
	0.4%	6	0.95	480
	0.4%	6	0.96	480
	0.4%	6	1.04	480
	0.4%	6	0.91	480
	0.4%	6	0.95	480
250	0.4%	6	1.00	480
	0.4%	6	0.95	480
	0.4%	6	1.00	480
	0.4%	6	1.05	480
	0.4%	6	0.96	480
	0.4%	6	0.99	480
	0.4%	6	0.96	480
	0.4%	6	0.95	480
	0.4%	6	0.96	480
	0.4%	6	0.97	480
260	0.4%	6	0.99	480
	0.4%	6	1.05	480
	0.4%	6	1.02	480

	0.4%	6	0.96	480
	0.4%	6	0.94	480
	0.4%	6	0.94	480
	0.4%	6	1.01	480
	0.4%	6	1.05	480
	0.4%	6	1.13	480
	0.4%	6	0.96	480
270	0.4%	6	1.02	480
	0.4%	6	1.02	480
	0.4%	6	0.96	480
	0.4%	6	1.01	480
	0.4%	6	1.05	480
	0.4%	6	0.95	480
	0.4%	6	0.97	480
	0.4%	6	0.97	480
	0.4%	6	1.05	480
	0.4%	6	1.13	480
280	0.4%	6	0.97	480
	0.4%	6	1.06	480
	0.4%	6	0.95	480
	0.4%	6	0.98	480
	0.4%	6	1.03	480
	0.4%	6	1.13	480
	0.4%	6	1.10	480
	0.4%	6	1.05	480
	0.4%	6	0.99	480
	0.4%	6	1.05	480
290	0.4%	6	1.05	480
	0.4%	6	0.99	480
	0.4%	6	1.05	480
	0.4%	6	1.13	480
	0.4%	6	0.92	480
	0.4%	6	1.06	480
	0.4%	6	1.04	480

	0.4%	6	1.01	480

A.2.5 QUINHENTOS OBJETOS POR SEGUNDO

Tabela 75: 500 Objetos por segundo Runtime Circle OnCollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.7%	64	0.05	32
	0.1%	80	0.07	0
	0.3%	56	0.03	0
	0.3%	118	0.04	0
	0.8%	62	0.04	0
	0.2%	62	0.05	0
	0.2%	62	0.05	0
	0.3%	76	0.04	0
10	0.2%	74	0.05	0
	0.5%	86	0.18	0
	0.8%	80	0.05	0
	0.7%	88	0.04	0
	0.2%	76	0.06	0
	0.3%	98	0.05	0
	0.3%	92	0.05	0
	0.3%	112	0.05	0
	0.2%	96	0.04	0
	0.1%	92	0.04	0
20	0.1%	108	0.07	0
	0.3%	118	0.09	0
	0.3%	118	0.04	0
	0.3%	172	0.04	0
	0.7%	162	0.06	0
	0.3%	98	0.04	0
	0.2%	102	0.05	0
	0.3%	104	0.06	0

	0.2%	108	0.04	0
	0.1%	108	0.10	0
30	0.5%	160	0.04	0
	0.5%	116	0.05	0
	0.2%	116	0.07	0
	0.2%	126	0.07	0
	0.3%	158	0.05	0
	0.4%	112	0.11	0
	0.3%	172	0.14	0
	0.2%	128	0.06	0
	0.2%	172	0.07	0
	0.6%	164	0.06	0
40	0.4%	116	0.05	0
	0.2%	98	0.10	0
	0.5%	124	0.06	0
	0.3%	124	0.05	0
	0.1%	116	0.10	0
	0.4%	192	0.10	0
	0.5%	178	0.04	0
	0.2%	114	0.05	0
	0.4%	128	0.07	0
	0.2%	118	0.06	0
50	0.4%	128	0.06	0
	0.2%	116	0.09	0
	0.2%	138	0.10	0
	0.4%	180	0.07	0
	0.2%	116	0.11	0
	0.2%	170	0.10	0
	0.4%	170	0.08	0
	0.3%	128	0.05	0
	0.3%	178	0.09	0
	0.1%	102	0.10	0
60	0.4%	194	0.10	0
	0.3%	112	0.08	0

	0.3%	206	0.06	0
	0.2%	94	0.09	0
	0.3%	204	0.04	0
	0.2%	112	0.08	0
	0.1%	206	0.09	0
	0.3%	128	0.07	0
	0.2%	196	0.09	0
	0.3%	178	0.06	0
70	0.1%	128	0.16	0
	0.3%	286	0.09	0
	0.2%	204	0.16	0
	0.1%	298	0.12	0
	0.3%	278	0.18	0
	0.2%	276	0.15	0
	0.2%	330	0.11	0
	0.3%	256	0.13	0
	0.1%	266	0.16	0
	0.2%	306	0.11	0
80	0.3%	232	0.10	0
	0.2%	278	0.17	0
	0.1%	236	0.15	0
	0.2%	294	0.15	0
	0.2%	304	0.12	0
	0.2%	268	0.13	0
	0.2%	278	0.17	0
	0.2%	302	0.15	0
	0.2%	304	0.13	0
	0.1%	284	0.12	0
90	0.2%	254	0.21	0
	0.1%	458	0.18	0
	0.1%	364	0.20	0
	0.1%	404	0.18	0
	0.1%	410	0.21	0
	0.1%	408	0.20	0

	0.1%	430	0.19	0
	0.1%	458	0.26	0
	0.1%	436	0.20	0
	0.2%	496	0.17	0
100	0.1%	372	0.24	0
	0.1%	440	0.31	0
	0.2%	458	0.22	0
	0.2%	466	0.20	0
	0.1%	444	0.26	0
	0.1%	496	0.24	0
	0.1%	484	0.23	0
	0.1%	490	0.28	0
	0.1%	536	0.25	0
	0.1%	508	0.29	0
110	0.1%	538	0.23	0
	0.1%	536	0.23	0
	0.1%	482	0.29	0
	0.1%	488	0.26	0
	0.1%	528	0.21	0
	0.1%	474	0.27	0
	0.1%	490	0.25	0
	0.1%	494	0.25	0
	0.1%	536	0.25	0
	0.1%	516	0.29	0
120	0.1%	510	0.24	0
	0.1%	508	0.25	0
	0.1%	508	0.30	0
	0.1%	546	0.28	0
	0.1%	554	0.26	0
	0.1%	560	0.27	0
	0.1%	558	0.26	0
	0.1%	560	0.30	0
	0.1%	570	0.30	0
	0.1%	538	0.27	0

130	0.1%	558	0.29	0
	0.1%	548	0.27	0
	0.1%	564	0.26	0
	0.1%	534	0.30	0
	0.1%	560	0.25	0
	0.1%	560	0.30	0
	0.1%	546	0.30	0
	0.1%	574	0.29	0
	0.1%	626	0.32	0
	0.1%	620	0.27	0
140	0.1%	612	0.31	0
	0.1%	608	0.26	0
	0.1%	640	0.49	0
	0.1%	592	0.32	0
	0.1%	640	0.49	0
	0.1%	654	0.29	0
	0.1%	634	0.28	0
	0.1%	622	0.30	0
	0.1%	620	0.32	0
	0.1%	610	0.30	0
150	0.1%	614	0.35	0
	0.1%	640	0.49	0
	0.1%	752	0.33	0
	0.1%	678	0.31	0
	0.1%	670	0.34	0
	0.1%	682	0.38	0
	0.1%	686	0.33	0
	0.1%	764	0.42	0
	0.1%	704	0.35	0
	0.1%	708	0.37	0
160	0.1%	750	0.42	0
	0.1%	686	0.35	0
	0.1%	810	0.42	0
	0.1%	732	0.38	0

	0.1%	806	0.37	0
	0.1%	714	0.42	0
	0.1%	756	0.33	0
	0.1%	686	0.46	0
	0.1%	850	0.42	0
	0.1%	896	0.41	0
170	0.1%	792	0.42	0
	0.1%	852	0.44	0
	0.1%	936	0.38	0
	0.1%	842	0.46	0
	0.1%	830	0.40	0
	0.1%	792	0.39	0
	0.1%	834	0.46	0
	0.1%	854	0.42	0
	0.1%	936	0.41	0
	0.1%	882	0.46	0
180	0.1%	782	0.38	0
	0.1%	768	0.47	0
	0.1%	890	0.45	0
	0.1%	936	0.43	0
	0.1%	914	0.46	0
	0.1%	796	0.41	0
	0.1%	1028	0.36	0
	0.1%	812	0.45	0
	0.1%	806	0.45	0
	0.1%	944	0.46	0
190	0.1%	962	0.66	0
	0.1%	1006	1.10	0
	0.1%	948	0.79	0
	0.1%	980	0.88	0
	0.1%	1030	0.85	0
	0.1%	1028	0.65	0
	0.1%	1062	0.45	0
	0.1%	1082	0.66	0

	0.1%	1052	0.55	0
	0.1%	1028	0.49	0
200	0.1%	976	0.45	0
	0.1%	978	0.50	0
	0.1%	1072	0.51	0
	0.1%	996	0.94	0
	0.1%	1034	0.51	0
	0.1%	986	0.47	0
	0.1%	1020	0.53	0
	0.1%	976	0.47	0
	0.1%	954	0.54	0
	0.1%	1026	0.50	0
210	0.1%	1130	0.58	0
	0.1%	1060	0.65	0
	0.1%	1072	0.59	0
	0.1%	1086	0.94	0
	0.1%	1046	0.64	0
	0.1%	1072	0.66	0
	0.1%	1036	0.94	0
	0.1%	1186	0.74	0
	0.1%	1130	0.55	0
	0.1%	1040	0.54	0
220	0.1%	1082	0.58	0
	0.1%	1178	0.54	0
	0.1%	1068	0.55	0
	0.1%	1074	0.55	0
	0.1%	1114	0.52	0
	0.1%	1072	0.57	0
	0.1%	1062	0.58	0
	0.1%	1178	0.55	0
	0.1%	1166	0.63	0
	0.1%	1186	0.59	0
230	0.1%	1238	0.55	0
	0.1%	1186	0.59	0

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	1174	0.55	0
	0.1%	1120	0.64	0
	0.1%	1104	0.61	0
	0.1%	1204	0.55	0
	0.1%	1142	0.59	0

Tabela 76: 500 Objetos por segundo Runtime Circle OnCollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	26	0.02	0
	0.1%	40	0.05	0
	0.1%	22	0.02	0
	0.1%	82	0.02	0
	0.1%	82	0.04	0
	0.6%	34	0.02	0
	0.1%	34	0.04	0
	0.1%	36	0.02	0
10	0.1%	40	0.03	0
	0.1%	48	0.03	0
	0.5%	70	0.03	0
	0.5%	52	0.04	0
	0.2%	64	0.03	0
	0.3%	56	0.05	0
	0.2%	60	0.04	0
	0.2%	68	0.04	0
	0.2%	84	0.05	0
	0.1%	66	0.03	0
20	0.1%	70	0.02	0
	0.1%	82	0.04	0
	0.2%	82	0.07	0
	0.1%	168	0.04	0
	0.2%	158	0.04	0

	0.5%	168	0.04	0
	0.3%	76	0.04	0
	0.2%	80	0.04	0
	0.2%	96	0.03	0
	0.1%	70	0.03	0
30	0.0%	78	0.12	0
	0.4%	168	0.04	0
	0.1%	64	0.03	0
	0.2%	70	0.07	0
	0.1%	110	0.08	0
	0.2%	190	0.02	0
	0.1%	168	0.04	0
	0.0%	88	0.16	0
	0.2%	168	0.04	0
	0.7%	148	0.07	0
40	0.4%	68	0.04	0
	0.2%	68	0.04	0
	0.2%	90	0.06	0
	0.4%	82	0.04	0
	0.2%	68	0.06	0
	0.1%	94	0.11	0
	0.5%	218	0.08	0
	0.1%	150	0.02	0
	0.3%	60	0.03	0
	0.2%	92	0.04	0
50	0.3%	94	0.04	0
	0.1%	94	0.05	0
	0.2%	68	0.09	0
	0.3%	106	0.06	0
	0.1%	68	0.03	0
	0.2%	170	0.08	0
	0.3%	166	0.06	0
	0.2%	88	0.06	0
	0.3%	154	0.02	0

	0.0%	66	0.06	0
60	0.2%	208	0.04	0
	0.3%	62	0.09	0
	0.1%	88	0.04	0
	0.4%	190	0.06	0
	0.1%	86	0.08	0
	0.2%	172	0.04	0
	0.1%	70	0.10	0
	0.4%	206	0.08	0
	0.2%	88	0.09	0
	0.2%	188	0.06	0
70	0.1%	142	0.04	0
	0.2%	88	0.13	0
	0.1%	294	0.06	0
	0.1%	170	0.14	0
	0.3%	300	0.13	0
	0.2%	266	0.19	0
	0.2%	298	0.12	0
	0.1%	346	0.12	0
	0.1%	196	0.15	0
	0.1%	288	0.11	0
80	0.1%	266	0.12	0
	0.2%	268	0.13	0
	0.2%	226	0.14	0
	0.1%	266	0.12	0
	0.1%	238	0.13	0
	0.2%	286	0.11	0
	0.2%	282	0.14	0
	0.1%	248	0.13	0
	0.1%	266	0.12	0
	0.1%	296	0.12	0
90	0.2%	266	0.09	0
	0.1%	268	0.22	0
	0.1%	184	0.17	0

	0.1%	398	0.21	0
	0.1%	364	0.22	0
	0.1%	364	0.16	0
	0.1%	384	0.22	0
	0.1%	432	0.25	0
	0.1%	342	0.21	0
	0.1%	398	0.16	0
100	0.1%	432	0.19	0
	0.1%	398	0.21	0
	0.1%	438	0.24	0
	0.1%	340	0.22	0
	0.1%	386	0.21	0
	0.1%	398	0.23	0
	0.1%	448	0.21	0
	0.1%	432	0.23	0
	0.1%	474	0.25	0
	0.1%	472	0.25	0
110	0.1%	438	0.21	0
	0.1%	470	0.21	0
	0.1%	436	0.25	0
	0.1%	500	0.20	0
	0.1%	470	0.20	0
	0.1%	456	0.25	0
	0.1%	464	0.23	0
	0.1%	424	0.24	0
	0.1%	434	0.25	0
	0.1%	470	0.24	0
120	0.1%	470	0.25	0
	0.1%	456	0.22	0
	0.1%	470	0.24	0
	0.1%	490	0.24	0
	0.1%	484	0.23	0
	0.1%	464	0.24	0
	0.1%	470	0.24	0

	0.1%	500	0.25	0
	0.1%	500	0.26	0
	0.1%	506	0.31	0
130	0.1%	470	0.31	0
	0.1%	514	0.26	0
	0.1%	484	0.24	0
	0.1%	554	0.20	0
	0.1%	530	0.26	0
	0.1%	500	0.26	0
	0.1%	476	0.28	0
	0.1%	528	0.31	0
	0.1%	542	0.31	0
	0.1%	574	0.26	0
140	0.1%	590	0.29	0
	0.1%	544	0.25	0
	0.1%	538	0.34	0
	0.1%	602	0.29	0
	0.1%	600	0.26	0
	0.1%	592	0.34	0
	0.1%	584	0.25	0
	0.0%	530	0.26	0
	0.1%	570	0.29	0
	0.1%	558	0.28	0
150	0.1%	720	0.29	0
	0.1%	846	0.34	0
	0.1%	652	0.34	0
	0.1%	624	0.28	0
	0.1%	622	0.31	0
	0.1%	846	0.34	0
	0.1%	718	0.33	0
	0.1%	680	0.36	0
	0.1%	662	0.33	0
	0.1%	720	0.33	0
160	0.1%	730	0.34	0

	0.1%	744	0.36	0
	0.1%	846	0.36	0
	0.1%	774	0.38	0
	0.1%	696	0.34	0
	0.1%	672	0.32	0
	0.1%	846	0.34	0
	0.1%	830	0.42	0
	0.1%	784	0.36	0
	0.1%	848	0.40	0
170	0.1%	742	0.41	0
	0.1%	802	0.33	0
	0.1%	770	0.53	0
	0.1%	758	0.39	0
	0.1%	804	0.36	0
	0.1%	812	0.37	0
	0.1%	746	0.40	0
	0.1%	792	0.37	0
	0.1%	814	0.53	0
	0.1%	842	0.38	0
180	0.1%	788	0.37	0
	0.1%	790	0.40	0
	0.1%	710	0.49	0
	0.1%	952	0.47	0
	0.1%	942	0.53	0
	0.1%	960	0.40	0
	0.1%	880	0.46	0
	0.1%	906	0.39	0
	0.1%	968	0.35	0
	0.1%	1076	0.46	0
190	0.1%	1064	0.49	0
	0.1%	970	0.44	0
	0.1%	932	0.53	0
	0.1%	926	0.94	0
	0.1%	928	0.68	0

	0.1%	1020	0.49	0
	0.1%	984	0.84	0
	0.1%	976	0.46	0
	0.1%	962	0.91	0
	0.1%	904	0.52	0
200	0.1%	966	0.64	0
	0.1%	1082	0.55	0
	0.1%	1022	0.46	0
	0.1%	1072	0.51	0
	0.1%	1036	0.42	0
	0.1%	988	0.54	0
	0.1%	1058	0.50	0
	0.1%	1172	0.49	0
	0.1%	1044	0.53	0
	0.1%	1094	0.48	0
210	0.1%	1100	0.52	0
	0.1%	1070	0.52	0
	0.1%	1026	0.40	0
	0.1%	1058	0.46	0
	0.1%	1104	0.52	0
	0.1%	1026	0.47	0
	0.1%	1134	0.59	0
	0.1%	1122	0.54	0
	0.1%	1220	0.51	0
	0.1%	1172	0.65	0
220	0.1%	1176	0.54	0
	0.1%	1116	0.56	0
	0.1%	1042	0.54	0
	0.1%	1172	0.63	0
	0.1%	1198	0.63	0
	0.1%	1108	0.71	0
	0.1%	1078	0.52	0
	0.1%	1204	0.57	0
	0.1%	1214	0.59	0

	0.1%	1102	0.52	0
230	0.1%	1208	0.49	0
	0.1%	1124	0.59	0
	0.1%	1160	0.57	0
	0.1%	1166	0.54	0
	0.1%	1130	0.54	0
	0.1%	1176	0.52	0
	0.1%	1176	0.56	0

Tabela 77: 500 Objetos por segundo Runtime Circle OnCol-
lisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.2%	98	0.10	0
	0.6%	144	0.11	0
	0.6%	424	0.05	0
	1.9%	424	0.06	0
	0.6%	78	0.21	0
	0.6%	1590	0.07	0
	1.2%	78	0.21	0
	0.3%	104	0.07	0
10	0.3%	126	0.43	0
	0.4%	154	0.08	0
	0.4%	184	0.09	0
	1.4%	218	0.14	0
	1.4%	234	0.18	0
	1.2%	266	0.20	0
	1.0%	282	0.18	0
	1.1%	312	0.17	0
	0.6%	320	0.20	0
	0.6%	376	0.19	0
20	1.9%	398	0.18	0
	1.3%	424	0.22	0

	1.9%	424	0.21	0
	1.0%	1590	0.21	0
	3.6%	970	0.43	0
	1.9%	1590	0.22	0
	1.5%	470	0.43	0
	1.2%	488	0.24	0
	1.3%	1106	0.28	0
	0.7%	494	1.12	0
30	0.7%	558	0.79	0
	3.1%	1188	0.29	0
	1.6%	594	0.29	0
	0.9%	646	0.34	0
	1.9%	1358	0.65	0
	2.3%	1590	0.30	0
	1.9%	730	0.35	0
	0.7%	1590	1.67	0
	1.9%	1626	0.43	0
	7.3%	1106	0.85	0
40	5.3%	810	0.43	0
	1.9%	818	0.35	0
	1.8%	860	1.12	0
	3.3%	1106	0.40	0
	3.8%	910	1.12	0
	2.3%	1862	0.97	0
	4.4%	1386	0.48	0
	2.2%	1906	1.35	0
	1.9%	968	0.46	0
	3.3%	990	0.48	0
50	1.6%	1024	0.46	0
	1.9%	1048	1.20	0
	5.1%	1106	1.12	0
	2.0%	1070	0.68	0
	3.8%	1106	1.56	0
	6.3%	2302	1.12	0

	3.6%	2330	1.10	0
	5.2%	1386	0.57	0
	1.6%	2338	1.35	0
	3.8%	1184	0.61	0
60	4.4%	2392	1.12	0
	2.3%	1210	0.58	0
	5.2%	1386	1.35	0
	2.5%	2466	1.16	0
	4.0%	2584	0.63	0
	3.8%	1308	1.23	0
	1.5%	6300	1.26	0
	4.8%	2670	1.23	0
	3.8%	1386	3.16	0
	5.5%	2782	1.35	0
70	1.6%	1386	0.66	0
	4.0%	4286	1.97	0
	2.8%	2910	1.35	0
	5.2%	4344	2.48	0
	3.4%	6300	2.00	0
	3.9%	4392	2.74	0
	4.0%	5704	3.16	0
	3.6%	4386	2.74	0
	3.9%	5938	2.71	0
	4.0%	6300	3.16	0
80	3.9%	5970	2.18	0
	4.4%	4514	3.45	0
	4.7%	6300	3.16	0
	4.0%	4550	2.81	0
	5.0%	6040	2.90	0
	4.3%	6154	3.18	0
	4.6%	6228	6.27	0
	4.5%	12304	3.16	0
	4.4%	6300	3.07	0
	5.3%	6250	2.39	0

90	3.3%	6420	4.04	0
	3.5%	5030	4.86	0
	4.8%	12304	6.27	0
	4.4%	8482	4.85	0
	4.2%	10380	5.11	0
	4.4%	10514	5.43	0
	4.1%	10568	5.55	0
	4.3%	10776	6.27	0
	4.5%	12304	4.62	0
	4.4%	11004	5.51	0
100	4.1%	12304	6.27	0
	5.5%	9540	6.02	0
	4.7%	11700	5.89	0
	4.5%	12304	6.27	0
	4.0%	12476	6.35	0
	5.5%	12600	7.34	0
	4.5%	15402	6.20	0
	5.5%	12700	6.81	0
	4.2%	12738	7.34	0
	5.1%	12958	6.63	0
110	4.0%	15402	6.28	0
	5.5%	13296	7.34	0
	4.1%	13562	6.41	0
	5.5%	15402	6.67	0
	4.4%	13868	7.11	0
	3.9%	13956	7.19	0
	4.3%	14428	7.34	0
	4.3%	14770	7.29	0
	4.6%	14970	7.34	0
	4.8%	15402	7.45	0
120	4.6%	15208	7.66	0
	4.7%	15402	8.04	0
	4.6%	15724	7.98	0
	4.1%	16092	8.04	0

	3.9%	16312	8.16	0
	4.5%	16446	8.46	0
	4.5%	17228	8.76	0
	4.7%	17628	9.44	0
	4.8%	17938	9.44	0
	4.6%	18302	9.44	0
130	4.6%	18394	8.89	0
	4.3%	18620	8.45	0
	4.6%	18740	8.68	0
	4.3%	19150	9.63	0
	4.3%	19778	9.18	0
	4.5%	19942	9.44	0
	4.5%	20126	9.44	0
	4.4%	20310	10.01	0
	4.5%	20750	9.85	0
	4.3%	21008	11.59	0
140	4.3%	21260	10.03	0
	4.8%	21512	10.59	0
	4.3%	21836	11.59	0
	4.7%	22194	10.68	0
	4.7%	22560	10.47	0
	4.1%	22904	11.59	0
	4.3%	23176	10.63	0
	4.4%	24018	10.93	0
	4.3%	27032	11.05	0
	4.5%	24286	11.40	0
150	4.8%	24490	11.59	0
	4.3%	27032	11.57	0
	4.7%	25058	11.66	0
	4.9%	25218	11.59	0
	4.4%	25558	11.78	0
	5.0%	27032	13.08	0
	4.3%	25508	12.09	0
	5.0%	25922	12.25	0

	4.4%	26220	11.92	0
	4.8%	27032	12.11	0
160	4.3%	26212	13.08	0
	4.9%	26688	11.98	0
	5.0%	26784	12.20	0
	4.5%	27032	12.16	0
	4.3%	27192	13.97	0
	4.9%	27492	13.08	0
	5.5%	27400	12.95	0
	4.3%	27822	13.08	0
	4.9%	28168	12.90	0
	4.8%	28338	12.93	0
170	4.5%	28652	12.79	0
	4.9%	29000	16.46	0
	4.5%	29444	13.06	0
	4.9%	29712	13.08	0
	4.6%	29786	13.21	0
	5.0%	29900	13.00	0
	5.7%	30122	13.69	0
	4.3%	30916	16.46	0
	4.6%	30946	14.52	0
	4.9%	25820	13.89	0
180	5.0%	31212	13.94	0
	4.9%	31532	15.95	0
	5.7%	31532	14.32	0
	4.6%	32044	16.46	0
	4.8%	32334	13.88	0
	4.5%	32812	16.46	0
	4.9%	32708	15.93	0
	5.7%	32714	14.43	0
	4.4%	33064	11.87	0
	4.4%	33446	14.16	0
190	5.7%	33688	15.95	0
	4.6%	34084	14.52	0

	4.6%	34270	16.46	0
	5.9%	34200	36.06	0
	5.7%	34610	25.92	0
	5.3%	34648	15.95	0
	5.7%	34874	28.22	0
	4.7%	35014	15.93	0
	4.3%	35438	26.22	0
	4.5%	35846	18.35	0
200	4.0%	35866	19.09	0
	4.2%	36732	18.56	0
	4.4%	36726	15.95	0
	4.6%	41076	15.93	0
	4.9%	37284	16.18	0
	4.5%	37302	15.48	0
	4.1%	37396	17.57	0
	4.2%	37686	15.84	0
	4.2%	37880	15.95	0
	4.3%	38184	15.93	0
210	4.9%	38238	15.94	0
	4.4%	38288	16.10	0
	5.1%	38368	18.35	0
	4.5%	38570	16.88	0
	4.7%	38630	16.41	0
	4.5%	41076	15.93	0
	4.8%	41218	18.35	0
	4.3%	39126	16.45	0
	2.7%	39470	18.74	0
	4.5%	41076	17.57	0
220	4.3%	39550	17.77	0
	4.5%	39584	19.23	0
	4.6%	39990	17.57	0
	4.7%	39958	19.74	0
	4.5%	40022	18.61	0
	4.4%	40044	21.13	0

	4.3%	40364	21.60	0
	4.6%	40644	18.35	0
	4.6%	41152	22.90	0
	4.3%	41328	18.35	0
230	4.7%	41076	18.06	0
	2.7%	41218	18.74	0
	4.3%	41218	17.57	0
	2.7%	41076	17.95	0
	4.4%	41134	18.09	0
	4.3%	41576	18.74	0
	3.9%	41826	17.62	0

Tabela 78: 500 Objetos por segundo Runtime Circle On-TriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50				
	0.4%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	10		0
	0.0%	10		0

	0.0%	6	0.01	0
	0.0%	18	0.01	
	0.0%	6	0.00	
60	0.0%		0.01	0
	0.0%		0.00	0
		6	0.00	0
		18	0.00	0
	0.0%	4	0.01	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
70	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.01	0
	0.0%	10	0.01	0
	0.0%	10	0.00	0
	0.0%	18	0.00	0
	0.0%	18	0.00	0
	0.0%	16	0.00	0
	0.0%	6	0.00	0
80	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	18	0.00	0
	0.0%	8	0.00	0
	0.0%	18	0.00	0
90	0.0%	8	0.00	0

	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
100	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	14	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	14	0.00	0
110	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
120	0.0%	14	0.00	0
	0.0%	6	0.00	0
	0.0%	14	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	6	0.00	0
130	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	12		0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
		8	0.00	0
	0.0%		0.00	0
	0.0%	6	0.00	0
140	0.0%	2	0.00	
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
150	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	16	0.00	0
	0.0%	4	0.00	0

	0.0%	2	0.00	0
160	0.0%	4	0.00	0
	0.0%	4	0.01	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
170	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.01	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
180	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.01	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
190	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0

	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
200	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.01	0
	0.0%	10	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	14	0.00	0
	0.0%	8	0.00	0
210	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
		16	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
220	0.0%		0.00	0
	0.0%	6		0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	14	0.00	0
	0.0%	16	0.00	0

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
230	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	
	0.0%	8	0.00	
	0.0%	10	0.00	
	0.0%	8	0.00	

Tabela 79: 500 Objetos por segundo Runtime Circle On-TriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
60				
	0.0%	2	0.09	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	2		0
	0.0%		0.00	0
70		8	0.00	
	0.0%	6	0.00	0
	0.0%	8		0
		8	0.00	
	0.0%		0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
80	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
90	0.0%	12	0.00	0
	0.0%	4	0.01	0
	0.0%	4	0.00	0
	0.0%	10	0.01	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.01	0
	0.0%	2	0.00	0
100	0.0%	4	0.00	0
	0.0%	14	0.00	0

		2	0.00	0
	0.0%		0.00	
	0.0%	8		0
	0.0%		0.00	0
		2	0.00	
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2		0
110	0.0%	2	0.01	0
	0.0%	8	0.00	0
	0.0%		0.00	0
	0.0%		0.00	
	0.0%	2	0.00	
	0.0%	4		0
		8		0
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
120	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%		0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	
	0.0%	8	0.00	0
	0.0%	2		0
	0.0%	2	0.00	0
			0.00	0
130	0.0%	4	0.00	0
	0.0%	10		
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0

			0.00	0
	0.0%	8	0.00	0
	0.0%	4		0
		2	0.00	
140	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	
	0.0%		0.00	0
	0.0%	4		0
150	0.0%	2	0.00	0
		2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
160	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0

170	0.0%	4		0
	0.0%	2		0
	0.0%	4	0.00	
	0.0%	4	0.00	
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.01	0
		6	0.00	0
		4	0.00	0
	0.0%	4	0.00	0
180	0.0%		0.00	0
	0.0%		0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	
	0.0%	2	0.00	0
	0.0%	10	0.00	0
190	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	10		0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%		0.00	0
	0.0%	14	0.00	0
	0.0%	10	0.01	0
	0.0%	12	0.00	0
	0.0%	6	0.00	0
200	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	2	0.00	0
		4	0.01	0

	0.0%	10	0.01	0
	0.0%	10	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.01	0
	0.0%	12	0.01	0
	0.0%	12	0.00	0
210	0.0%	8	0.00	0
	0.0%	6	0.01	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.01	0
	0.0%	10	0.01	0
	0.0%	10	0.01	0
	0.0%	10	0.00	0
220	0.0%	4	0.01	0
	0.0%	6	0.01	0
	0.0%	10	0.01	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	
	0.0%	8	0.00	
	0.0%	10	0.00	
	0.0%	14	0.00	
230	0.0%	8	0.00	
	0.0%	10	0.00	
	0.0%	8	0.00	
	0.0%	8	0.00	
	0.0%	8	0.00	
	0.0%	6	0.00	
	0.0%	14	0.00	

Tabela 80: 500 Objetos por segundo Runtime Circle On-
TriggerStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
50				
	0.4%	1102	0.10	0
	0.1%	1180	0.24	0
	0.1%	1180	0.02	0
	0.1%	32	0.58	0
	0.0%	16	0.58	0
	0.1%	1102	0.04	0
	0.1%	34	0.24	0
60	0.1%	1124	0.01	0
	0.1%	1124	0.03	0
	0.0%	60	0.24	0
	0.1%	1102	0.03	0
	0.1%	1180	0.02	0
	0.1%	1180	0.06	0
	0.0%	1102	0.04	0
	0.2%	146	0.08	0
	0.1%	1102	0.09	0
	0.1%	178	0.16	0

70	0.2%	1102	0.24	0
	0.2%	156	0.24	0
	0.3%	236	0.08	0
	0.2%	212	0.24	0
	0.2%	1102	0.13	0
	0.3%	234	0.24	0
	0.2%	326	0.11	0
	0.1%	1102	0.22	0
	0.2%	308	0.19	0
	0.2%	582	0.18	0
80	0.9%	314	0.24	0
	0.2%	582	0.24	0
	0.2%	582	0.25	0
	0.2%	316	0.15	0
	0.2%	1102	0.38	0
	0.3%	1102	0.38	0
	0.2%	404	0.38	0
	0.1%	582	0.24	0
	0.2%	540	0.24	0
	0.2%	582	0.38	0
90	0.2%	582	0.32	0
	0.2%	596	0.30	0
	0.2%	582	0.38	0
	0.2%	582	0.28	0
	0.2%	596	0.38	0
	0.2%	580	0.38	0
	0.2%	582	0.33	0
	0.1%	604	0.38	0
	0.2%	582	0.33	0
	0.1%	556	0.32	0
100	0.2%	576	0.38	0
	0.1%	582	0.29	0
	0.1%	608	0.33	0
	0.1%	570	0.33	0

	0.2%	590	0.32	0
	0.1%	736	0.38	0
	0.1%	620	0.32	0
	0.1%	736	0.39	0
	0.2%	612	0.38	0
	0.1%	736	0.36	0
110	0.1%	626	0.33	0
	0.1%	736	0.33	0
	0.1%	736	0.28	0
	0.1%	736	0.34	0
	0.1%	736	0.33	0
	0.1%	736	0.34	0
	0.1%	684	0.33	0
	0.1%	696	0.33	0
	0.1%	680	0.33	0
	0.1%	736	0.33	0
120	0.1%	736	0.33	0
	0.1%	712	0.35	0
	0.1%	702	0.37	0
	0.1%	716	0.32	0
	0.1%	736	0.38	0
	0.1%	844	0.44	0
	0.1%	844	0.33	0
	0.1%	844	0.71	0
	0.1%	728	0.49	0
	0.1%	844	0.38	0
130	0.1%	750	0.44	0
	0.1%	760	0.44	0
	0.1%	728	0.44	0
	0.1%	844	0.44	0
	0.1%	844	0.39	0
	0.1%	844	0.40	0
	0.1%	844	0.35	0
	0.1%	738	0.44	0

	0.1%	722	0.44	0
	0.1%	752	0.44	0
140	0.1%	844	0.44	0
	0.1%	826	0.39	0
	0.1%	844	0.49	0
	0.1%	976	0.32	0
	0.1%	976	0.42	0
	0.1%	818	0.37	0
	0.1%	976	0.44	0
	0.1%	840	0.44	0
	0.1%	976	0.44	0
	0.1%	976	0.41	0
150	0.1%	846	0.48	0
	0.1%	848	0.46	0
	0.1%	976	0.44	0
	0.1%	844	0.44	0
	0.1%	824	0.49	0
	0.1%	976	0.41	0
	0.1%	832	0.49	0
	0.1%	874	0.43	0
	0.1%	1068	0.34	0
	0.1%	920	0.49	0
160	0.1%	902	0.49	0
	0.1%	976	0.40	0
	0.1%	1068	0.40	0
	0.1%	874	0.49	0
	0.1%	870	0.50	0
	0.1%	882	0.49	0
	0.1%	1068	0.40	0
	0.1%	1068	0.42	0
	0.1%	904	0.49	0
	0.1%	976	0.40	0
170	0.1%	936	0.44	0
	0.1%	896	0.48	0

	0.1%	910	0.49	0
	0.1%	1068	0.50	0
	0.1%	928	0.47	0
	0.1%	938	0.43	0
	0.1%	976	0.49	0
	0.1%	1068	1.15	0
	0.1%	928	0.76	0
	0.1%	904	0.95	0
180	0.1%	770	0.54	0
	0.1%	1068	0.46	0
	0.1%	930	0.49	0
	0.1%	938	0.57	0
	0.1%	1082	0.48	0
	0.1%	976	0.45	0
	0.1%	1012	0.49	0
	0.1%	1036	0.49	0
	0.1%	1034	0.75	0
	0.1%	1022	0.45	0
190	0.1%	1040	0.57	0
	0.1%	1068	0.55	0
	0.1%	1082	0.75	0
	0.1%	1082	0.58	0
	0.1%	1088	0.75	0
	0.1%	968	0.96	0
	0.1%	1068	0.71	0
	0.1%	1030	0.51	0
	0.1%	1082	0.62	0
	0.1%	996	0.52	0
200	0.1%	1082	0.52	0
	0.1%	1016	0.64	0
	0.1%	1088	0.47	0
	0.1%	1088	0.51	0
	0.1%	1040	0.75	0
	0.1%	1026	0.63	0

	0.1%	1046	0.75	0
	0.1%	1068	0.54	0
	0.1%	1102	0.63	0
	0.1%	1026	0.58	0
210	0.1%	1040	0.71	0
	0.1%	1082	0.52	0
	0.1%	1088	0.52	0
	0.1%	1082	0.52	0
	0.1%	1068	0.53	0
	0.1%	1088	0.54	0
	0.1%	1074	0.55	0
	0.1%	1082	0.56	0
	0.1%	1102	0.75	0
	0.1%	1102	0.75	0
220	0.1%	1080	0.58	0
	0.1%	1070	0.58	0
	0.1%	1088	0.48	0
	0.0%	1068	0.56	0
		1090	0.52	0
		1110	0.58	0
		1080	0.58	0
		1074	0.53	0
		1088	0.55	0
		1074	0.57	0
230		1088	0.58	0
		1122		0
		1116		0
		1082		0
		1102		0
		1102		0
		1082		0

Tabela 81: 500 Objetos por segundo Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	3.5%	6	1.90	700000
	9.7%	3	1.68	900000
	16.6%	1	1.50	476300
	9.1%	1	1.34	600000
	12.5%	1	2.23	700000
	16.0%	1	2.52	800000
	16.3%	1	2.91	1000000
	15.4%	1	3.12	1100000
10	27.5%	1	4.53	1200000
	52.9%	1	11.73	1200000
	34.8%	1	2.88	1300000
	15.9%	1	2.56	1400000
	16.6%	1	2.79	1500000
	16.2%	1	2.74	1600000
	18.3%	1	3.07	1800000
	18.3%	1	3.24	1800000
	9.5%	1	3.11	1900000
	35.8%	1	4.97	2000000
20	60.8%	1	13.48	2200000
	51.1%	2	6.25	4500000
	22.3%	1	3.05	2200000
	19.2%	1	3.32	2300000
	20.6%	1	3.32	2400000
	52.8%	1	16.35	2500000
	10.5%	1	3.88	2600000
	52.9%	2	10.11	5300000
	42.6%	1	4.00	2700000
	24.8%	1	4.43	2900000
30	63.7%	1	22.06	3100000
	58.4%	2	7.97	5900000

	32.0%	1	4.17	2900000
	24.9%	1	4.25	3100000
	47.6%	1	21.66	3300000
	57.6%	2	13.10	6700000
	64.1%	2	10.18	6700000
	72.3%	1	16.90	3400000
	46.7%	1	5.06	3600000
	31.0%	1	5.15	3700000
40	31.1%	1	5.29	3900000
	43.0%	1	17.81	3900000
	55.7%	2	11.49	7900000
	69.2%	2	12.41	7800000
	73.5%	1	16.12	4000000
	51.7%	1	6.63	4200000
	40.5%	1	6.55	4300000
	59.8%	1	17.58	4400000
	24.8%	1	5.98	4600000
	61.9%	2	14.34	9000000
50	50.3%	1	16.90	4500000
	75.1%	2	18.41	9200000
	79.4%	2	24.15	9300000
	65.7%	2	13.80	9300000
	47.7%	1	16.83	4700000
	59.7%	2	14.81	9700000
	67.8%	1	17.83	4800000
	68.1%	2	14.55	9900000
	73.7%	1	17.26	5000000
	66.1%	2	15.23	10300000
60	46.0%	1	18.39	5200000
	62.0%	2	15.77	10700000
	79.0%	2	25.82	10700000
	79.1%	2	25.32	10800000
	67.9%	2	15.72	10800000
	46.9%	1	18.38	5600000

	79.0%	3	35.74	16900000
	64.0%	2	30.87	11400000
	83.2%	3	39.21	17200000
	59.3%	3	34.72	17200000
70	80.4%	4	52.08	22100000
	84.4%	3	43.23	16700000
	66.6%	3	37.82	16800000
	85.6%	4	60.19	22500000
	85.0%	4	44.24	22700000
	65.0%	3	36.44	17300000
	67.0%	3	36.71	17400000
	89.3%	4	64.57	23000000
	65.1%	4	45.57	23400000
	82.8%	4	47.02	23400000
80	87.4%	4	58.03	23800000
	71.2%	4	48.92	23800000
	85.7%	4	60.04	24300000
	85.9%	4	49.71	24500000
	57.0%	3	40.56	19000000
	73.7%	5	85.12	32000000
	79.5%	6	78.38	38700000
	76.8%	6	79.66	39300000
	81.7%	6	93.61	39600000
	71.2%	6	88.13	40100000
90	81.5%	6	102.19	41200000
	81.5%	6	88.17	41700000
	77.9%	5	80.15	35600000
	82.7%	6	101.74	43500000
	73.9%	6	108.56	44900000
	77.8%	6	96.48	45700000
	82.0%	6	102.85	46500000
	84.3%	6	115.80	46800000
	75.5%	6	110.57	47500000
	82.6%	6	106.87	47500000

100	84.8%	6	115.53	48200000
	82.2%	6	107.76	49400000
	74.7%	6	106.42	50500000
	84.4%	6	130.32	50700000
	83.1%	6	107.13	51400000
	85.0%	6	132.36	51800000
	75.3%	6	115.47	53400000
	83.5%	6	126.40	54400000
	84.8%	6	125.72	55300000
	84.1%	6	133.15	56100000
110	75.3%	6	121.38	57000000
	88.0%	6	160.62	58100000
	86.2%	6	144.62	58400000
	77.1%	6	133.07	59200000
	86.3%	6	150.59	60000000
	83.1%	6	133.63	60700000
	80.9%	6	157.92	62200000
	84.9%	6	172.81	63500000
	87.7%	6	171.56	64800000
	77.8%	6	140.26	65900000.00000001
120	87.7%	6	164.30	67099999.99999999
	85.6%	6	158.67	67700000
	79.4%	6	145.63	68400000
	87.3%	6	158.80	68600000
	86.9%	6	170.59	70100000
	80.9%	6	166.78	71400000
	87.0%	6	171.19	72400000
	88.8%	6	192.78	73100000
	82.3%	6	176.35	74000000
	88.5%	6	181.81	74700000
130	86.7%	6	181.98	76000000
	83.6%	6	190.58	76900000
	88.6%	6	200.57	77900000
	88.9%	6	177.92	78200000

	84.4%	6	206.60	79000000
	87.9%	6	186.05	80100000
	87.5%	6	196.13	81200000
	85.1%	6	221.69	82300000
	88.4%	6	190.67	83600000
	90.1%	6	214.08	84500000
140	85.1%	6	210.27	85800000
	87.9%	6	213.04	86700000
	86.4%	6	226.46	88500000
	88.9%	6	213.71	88900000
	88.3%	6	205.06	89500000
	84.4%	6	221.18	90700000
	88.4%	6	204.68	92100000
	90.2%	6	210.15	92300000
	85.0%	6	228.91	93500000
	90.0%	6	226.75	93700000
150	84.4%	6	229.42	95300000
	88.1%	6	209.97	96100000
	85.3%	6	225.48	96500000
	89.7%	6	219.59	97500000
	85.0%	6	236.62	97900000
	90.3%	6	228.96	98600000
	85.1%	6	256.41	99700000
	88.5%	6	225.44	100400000
	85.3%	6	228.73	100900000
	88.5%	6	254.07	101000000
160	85.4%	6	239.35	102100000
	90.7%	6	254.22	103400000
	85.5%	6	222.27	103800000
	90.4%	6	254.44	105000000
	85.8%	6	254.99	105600000
	89.5%	6	259.68	106400000
	85.0%	6	235.80	108100000
	91.1%	6	263.06	108400000

	87.3%	6	257.19	108800000
	91.5%	6	259.15	109700000
170	87.2%	6	271.12	110600000
	90.9%	6	285.57	110700000
	88.1%	6	275.66	112200000
	89.7%	6	284.07	112800000
	86.5%	6	252.19	113000000
	90.6%	5	244.41	94900000
	86.2%	6	275.33	114900000
	90.0%	6	282.23	116100000
	85.7%	6	305.14	116300000
	90.4%	6	545.28	117600000
180	90.0%	6	405.22	118800000
	85.3%	6	451.25	120800000
	90.8%	6	416.70	121000000
	88.9%	6	382.74	121000000
	91.6%	6	357.64	121800000
	89.1%	6	328.97	122200000
	91.2%	6	312.57	122700000
	88.6%	6	307.33	123600000
	92.7%	6	358.59	125000000
	87.5%	6	326.66	126100000
190	91.6%	6	328.19	125600000
	87.2%	6	303.67	127100000
	91.9%	6	310.94	127000000
	88.8%	6	320.16	127500000
	91.3%	6	315.51	128500000
	88.7%	6	352.33	129800000.00000001
	92.0%	6	377.43	130699999.99999999
	88.0%	6	372.02	131699999.99999999
	93.0%	6	329.77	132000000
	89.3%	6	404.48	132199999.99999999
200	91.9%	6	393.22	133300000.00000001
	88.5%	6	431.17	134500000

	89.9%	6	468.84	135100000
	92.2%	6	412.62	136300000
	91.3%	6	421.48	136700000
	91.8%	6	358.24	137000000
	89.0%	6	356.15	137700000
	92.6%	6	346.27	138200000
	90.0%	6	378.40	138800000
	91.6%	6	353.86	140100000
210	90.0%	6	360.72	140300000
	92.2%	6	395.44	140200000
	89.2%	6	344.87	141200000
	91.6%	6	352.44	141800000
	88.8%	6	337.22	142600000
	93.4%	6	388.37	143200000
	90.5%	6	380.75	143600000
	91.7%	6	410.42	144500000
	89.2%	6	357.13	145600000
	93.1%	6	382.04	145200000
220	88.9%	6	373.39	146500000
	92.2%	6	360.21	147000000
	89.6%	6	375.57	147300000
	92.7%	6	387.83	146800000
	89.3%	6	386.92	148700000
	92.4%	6	381.14	149100000
	91.1%	6	430.03	149900000
	91.8%	6	371.53	151100000
	89.1%	6	372.46	150800000
	89.3%	6	399.16	151300000
230	89.0%	6	448.16	151200000
	90.0%	6	479.55	150700000
	89.9%	6	463.17	151500000
	90.9%	6	456.20	152800000
	92.5%	6	388.73	153700000
	89.5%	6	458.71	153800000

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	53.4%	6	399.50	154300000

Tabela 82: 500 Objetos por segundo Runtime Circle Spawn

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.8%	6	0.46	480
	2.2%	3	0.39	240
	2.2%	1	0.18	80
	2.0%	1	0.13	80
	0.9%	1	0.13	80
	0.7%	1	0.14	80
	0.9%	1	0.14	80
	0.8%	1	0.15	80
10	0.6%	1	0.12	80
	0.7%	1	0.12	80
	0.9%	1	0.20	80
	1.4%	1	0.12	80
	0.7%	1	0.12	80
	0.9%	1	0.15	80
	0.8%	1	0.13	80
	0.7%	1	0.12	80
	0.7%	1	0.12	80
	0.4%	1	0.14	80
20	0.4%	1	0.15	80
	1.0%	1	0.18	80
	0.8%	1	0.27	160
	2.2%	2	0.12	160
	0.9%	1	0.12	80
	0.7%	1	0.12	80
	0.8%	1	0.14	80
	0.4%	1	0.13	80
	0.3%	1	0.13	80
	1.5%	2	0.29	160

30	1.3%	1	0.12	80
	0.7%	1	0.12	80
	0.5%	1	0.17	80
	2.2%	2	0.30	160
	0.7%	1	0.12	80
	0.9%	1	0.13	80
	0.7%	2	0.18	80
	0.3%	1	0.36	160
	1.5%	2	0.13	160
	1.5%	2	0.24	160
40	0.5%	1	0.13	80
	1.4%	1	0.16	80
	0.7%	1	0.12	80
	0.7%	1	0.12	80
	0.3%	1	0.14	80
	1.3%	2	0.26	160
	1.5%	2	0.27	160
	0.6%	1	0.13	80
	1.2%	1	0.16	80
	0.6%	1	0.12	80
50	0.7%	1	0.16	80
	0.5%	1	0.14	80
	0.6%	1	0.25	160
	1.0%	2	0.26	160
	0.4%	1	0.15	80
	1.2%	2	0.30	160
	0.8%	2	0.26	160
	1.3%	2	0.28	160
	0.3%	1	0.13	80
	1.1%	2	0.29	160
60	0.6%	1	0.18	80
	1.2%	2	0.26	160
	0.5%	1	0.13	80
	1.1%	2	0.25	160

	0.8%	1	0.13	80
	0.3%	2	0.25	160
	1.0%	1	0.28	160
	0.8%	2	0.26	240
	0.8%	2	0.27	160
	1.2%	2	0.28	160
70	0.4%	1	0.16	80
	0.9%	3	0.44	240
	0.5%	2	0.27	160
	0.9%	3	0.43	240
	0.7%	3	0.44	240
	1.0%	4	0.67	320
	0.7%	3	0.39	240
	0.8%	3	0.48	240
	0.7%	4	0.52	320
	0.8%	4	0.58	320
80	1.1%	3	0.40	240
	0.7%	4	0.41	240
	0.7%	3	0.55	320
	0.7%	4	0.58	320
	0.8%	4	0.58	320
	0.9%	4	0.53	320
	0.8%	4	0.57	320
	0.7%	4	0.52	320
	0.8%	4	0.58	320
	1.0%	4	0.59	320
90	0.6%	3	0.44	240
	0.6%	5	0.72	400
	0.8%	6	0.80	480
	0.7%	6	0.81	480
	0.7%	6	0.90	480
	0.7%	6	0.85	480
	0.6%	6	0.81	480
	0.6%	6	0.87	480

	0.8%	6	0.89	480
	0.6%	5	0.69	400
100	0.7%	6	0.89	480
	0.5%	6	0.83	480
	0.7%	6	0.88	480
	0.7%	6	0.90	480
	0.6%	6	0.89	480
	0.6%	6	0.89	480
	0.6%	6	0.88	480
	0.6%	6	0.84	480
	0.6%	6	0.89	480
	0.5%	6	0.85	480
110	0.5%	6	0.86	480
	0.5%	6	0.84	480
	0.6%	6	0.89	480
	0.5%	6	0.84	480
	0.6%	6	0.94	480
	0.5%	6	0.85	480
	0.5%	6	0.84	480
	0.5%	6	0.88	480
	0.5%	6	0.86	480
	0.5%	6	0.96	480
120	0.5%	6	0.84	480
	0.5%	6	0.86	480
	0.4%	6	0.84	480
	0.5%	6	0.82	480
	0.4%	6	0.88	480
	0.4%	6	0.92	480
	0.4%	6	0.87	480
	0.4%	6	0.80	480
	0.4%	6	0.89	480
	0.4%	6	0.92	480
130	0.4%	6	0.85	480
	0.4%	6	0.88	480

	0.4%	6	0.85	480
	0.4%	6	0.88	480
	0.4%	6	0.83	480
	0.4%	6	0.90	480
	0.4%	6	0.89	480
	0.4%	6	0.93	480
	0.4%	6	0.87	480
	0.4%	6	0.88	480
140	0.4%	6	0.89	480
	0.3%	6	0.93	480
	0.4%	6	0.91	480
	0.4%	6	1.00	480
	0.3%	6	0.94	480
	0.4%	6	0.86	480
	0.4%	6	0.95	480
	0.3%	6	0.94	480
	0.4%	6	0.88	480
	0.3%	6	0.89	480
150	0.3%	6	0.96	480
	0.3%	6	0.92	480
	0.3%	6	1.00	480
	0.4%	6	1.00	480
	0.4%	6	0.89	480
	0.3%	6	0.90	480
	0.3%	6	0.94	480
	0.4%	6	0.94	480
	0.4%	6	0.98	480
	0.3%	6	0.86	480
160	0.3%	6	0.87	480
	0.3%	6	1.00	480
	0.3%	6	0.94	480
	0.3%	6	0.95	480
	0.4%	6	1.01	480
	0.3%	6	1.05	480

	0.3%	6	1.00	480
	0.3%	6	1.01	480
	0.3%	6	0.98	480
	0.3%	6	1.02	480
170	0.3%	6	0.95	480
	0.3%	6	1.01	480
	0.3%	6	0.90	480
	0.3%	6	0.92	480
	0.3%	6	0.96	480
	0.3%	6	1.04	480
	0.3%	6	0.93	480
	0.3%	6	1.08	480
	0.3%	6	0.92	480
	0.3%	6	0.92	480
180	0.3%	6	0.95	480
	0.3%	6	1.00	480
	0.3%	6	0.94	480
	0.2%	6	0.93	480
	0.2%	6	0.92	480
	0.2%	6	0.97	480
	0.3%	6	0.96	480
	0.3%	6	0.81	480
	0.3%	5	1.01	400
	0.3%	6	0.96	480
190	0.2%	6	0.92	480
	0.2%	6	1.01	480
	0.2%	6	1.46	480
	0.2%	6	1.23	480
	0.2%	6	1.42	480
	0.2%	6	1.29	480
	0.2%	6	1.14	480
	0.2%	6	1.16	480
	0.2%	6	1.06	480
	0.2%	6	1.00	480

200	0.2%	6	1.01	480
	0.2%	6	0.96	480
	0.2%	6	1.05	480
	0.2%	6	1.24	480
	0.2%	6	1.04	480
	0.2%	6	0.99	480
	0.3%	6	1.14	480
	0.2%	6	1.05	480
	0.2%	6	1.02	480
	0.2%	6	1.08	480
210	0.2%	6	1.05	480
	0.2%	6	1.13	480
	0.2%	6	1.02	480
	0.2%	6	1.07	480
	0.2%	6	1.12	480
	0.2%	6	1.27	480
	0.2%	6	1.24	480
	0.2%	6	1.19	480
	0.2%	6	1.01	480
	0.2%	6	1.05	480
220	0.2%	6	1.14	480
	0.2%	6	1.12	480
	0.2%	6	1.06	480
	0.2%	6	1.02	480
	0.2%	6	1.04	480
	0.2%	6	1.03	480
	0.2%	6	1.12	480
	0.2%	6	1.07	480
	0.2%	6	1.05	480
	0.2%	6	1.11	480
230	0.2%	6	1.08	480
	0.2%	6	1.07	480
	0.2%	6	1.01	480
	0.2%	6	1.09	480

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.2%	6	1.15	480
	0.2%	6	1.11	480
	0.2%	6	1.06	480

A.2.6 MIL OBJETOS POR SEGUNDO

Tabela 83: 1000 Objetos por segundo Runtime Circle On-CollisionEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.5%	64	0.28	32
	0.2%	80	0.03	0
	0.2%	56	0.11	0
	1.2%	62	0.03	0
	0.2%	62	0.02	0
	0.1%	62	0.03	0
	0.1%	76	0.03	0
	0.2%	74	0.03	0
10	0.2%	86	0.04	0
	0.1%	86	0.04	0
	0.3%	84	0.06	0
	0.5%	86	0.04	0
	0.2%	88	0.03	0
	0.3%	104	0.05	0
	0.3%	90	0.05	0
	0.3%	100	0.06	0
	0.3%	98	0.05	0
	0.3%	94	0.05	0
20	0.3%	102	0.05	0
	0.1%	170	0.12	0
	0.4%	170	0.04	0
	0.5%	80	0.04	0
	0.2%	108	0.04	0
	0.3%	110	0.05	0

	0.3%	108	0.05	0
	0.2%	96	0.05	0
	0.3%	152	0.07	0
	0.2%	90	0.06	0
30	0.5%	176	0.08	0
	0.1%	108	0.05	0
	0.4%	106	0.04	0
	0.2%	108	0.04	0
	0.2%	120	0.05	0
	0.3%	106	0.04	0
	0.2%	132	0.08	0
	0.3%	132	0.06	0
	0.2%	132	0.06	0
	0.4%	174	0.07	0
40	0.5%	106	0.06	0
	0.2%	112	0.05	0
	0.5%	124	0.06	0
	0.3%	120	0.05	0
	0.3%	132	0.05	0
	0.2%	126	0.06	0
	0.7%	122	0.08	0
	0.2%	132	0.08	0
	0.3%	198	0.09	0
	0.2%	124	0.04	0
50	0.3%	122	0.06	0
	0.3%	120	0.08	0
	0.2%	150	0.08	0
	0.4%	198	0.11	0
	0.2%	120	0.07	0
	0.2%	182	0.09	0
	0.3%	190	0.11	0
	0.3%	176	0.07	0
	0.3%	182	0.09	0
	0.4%	182	0.09	0

60	0.1%	112	0.05	0
	0.3%	180	0.08	0
	0.2%	176	0.08	0
	0.5%	118	0.07	0
	0.3%	114	0.06	0
	0.2%	208	0.11	0
	0.5%	188	0.04	0
	0.1%	110	0.09	0
	0.3%	192	0.06	0
	0.3%	170	0.10	0
70	0.3%	188	0.10	0
	0.4%	204	0.10	0
	0.1%	114	0.06	0
	0.4%	242	0.11	0
	0.2%	188	0.09	0
	0.3%	244	0.13	0
	0.2%	182	0.09	0
	0.2%	220	0.10	0
	0.2%	242	0.10	0
	0.2%	170	0.11	0
80	0.3%	162	0.09	0
	0.2%	202	0.07	0
	0.2%	154	0.06	0
	0.2%	158	0.14	0
	0.2%	174	0.09	0
	0.2%	212	0.11	0
	0.2%	202	0.14	0
	0.2%	242	0.13	0
	0.3%	264	0.14	0
	0.2%	238	0.12	0
90	0.2%	282	0.14	0
	0.3%	244	0.13	0
	0.2%	262	0.13	0
	0.3%	232	0.18	0

	0.2%	278	0.13	0
	0.2%	244	0.11	0
	0.1%	268	0.15	0
	0.2%	306	0.15	0
	0.2%	306	0.20	0
	0.2%	298	0.14	0
100	0.2%	318	0.14	0
	0.2%	306	0.15	0
	0.1%	268	0.12	0
	0.2%	312	0.14	0
	0.2%	380	0.20	0
	0.2%	444	0.21	0
	0.1%	484	0.22	0
	0.2%	482	0.25	0
	0.1%	452	0.23	0
	0.1%	420	0.24	0
110	0.2%	474	0.26	0
	0.2%	474	0.25	0
	0.2%	494	0.26	0
	0.2%	494	0.24	0
	0.2%	456	0.23	0
	0.1%	454	0.22	0
	0.1%	464	0.21	0
	0.1%	442	0.23	0
	0.2%	474	0.23	0
	0.1%	472	0.25	0
120	0.1%	518	0.24	0
	0.2%	498	0.29	0
	0.2%	558	0.27	0
	0.1%	504	0.24	0
	0.1%	520	0.28	0
	0.2%	516	0.26	0
	0.1%	544	0.29	0
	0.2%	494	0.24	0

	0.1%	530	0.31	0
	0.2%	506	0.29	0
130	0.1%	524	0.25	0
	0.1%	510	0.26	0
	0.1%	542	0.27	0
	0.1%	528	0.29	0
	0.1%	544	0.26	0
	0.1%	544	0.26	0
	0.1%	642	0.31	0
	0.1%	552	0.27	0
	0.1%	550	0.26	0
	0.1%	524	0.25	0
140	0.1%	532	0.26	0
	0.1%	622	0.30	0
	0.1%	594	0.28	0
	0.1%	570	0.25	0
	0.1%	516	0.28	0
	0.2%	648	0.32	0
	0.1%	602	0.30	0
	0.1%	574	0.29	0
	0.1%	600	0.34	0
	0.1%	636	0.33	0
150	0.1%	622	0.34	0
	0.1%	570	0.27	0
	0.1%	504	0.25	0
	0.1%	612	0.32	0
	0.1%	606	0.29	0
	0.1%	630	0.31	0
	0.1%	622	0.31	0
	0.1%	590	0.29	0
	0.1%	568	0.35	0
	0.1%	532	0.27	0
160	0.1%	576	0.28	0
	0.1%	604	0.30	0

	0.1%	570	0.28	0
	0.1%	644	0.33	0
	0.1%	586	0.28	0
	0.1%	588	0.28	0
	0.1%	622	0.32	0
	0.1%	650	0.33	0
	0.1%	598	0.35	0
	0.1%	648	0.33	0
170	0.1%	596	0.30	0
	0.1%	630	0.27	0
	0.1%	578	0.32	0
	0.1%	594	0.35	0
	0.1%	550	0.27	0
	0.1%	644	0.32	0
	0.1%	692	0.32	0
	0.1%	630	0.34	0
	0.1%	588	0.28	0
	0.1%	648	0.37	0
180	0.1%	576	0.26	0
	0.1%	656	0.31	0
	0.1%	630	0.31	0
	0.1%	678	0.31	0
	0.1%	704	0.35	0
	0.1%	778	0.41	0
	0.1%	828	0.35	0
	0.1%	710	0.33	0
	0.1%	668	0.39	0
	0.1%	678	0.36	0
190	0.1%	618	0.32	0
	0.1%	658	0.40	0
	0.1%	722	0.33	0
	0.1%	702	0.36	0
	0.1%	800	0.40	0
	0.1%	750	0.37	0

	0.1%	776	0.41	0
	0.1%	772	0.41	0
	0.1%	828	0.39	0
	0.1%	784	0.39	0
200	0.1%	774	0.39	0
	0.1%	808	0.37	0
	0.1%	762	0.38	0
	0.1%	746	0.40	0
	0.1%	810	0.39	0
	0.1%	720	0.36	0
	0.1%	760	0.40	0
	0.1%	824	0.40	0
	0.1%	862	0.41	0
	0.1%	824	0.42	0
210	0.1%	840	0.43	0
	0.1%	852	0.45	0
	0.1%	784	0.34	0
	0.1%	814	0.41	0
	0.1%	808	0.39	0
	0.1%	840	0.41	0
	0.1%	914	0.40	0
	0.1%	798	0.39	0
	0.1%	726	0.52	0
	0.1%	760	0.43	0
220	0.1%	780	0.37	0
	0.1%	842	0.46	0
	0.1%	756	0.42	0
	0.1%	712	0.35	0
	0.1%	836	0.40	0
	0.1%	868	0.42	0
	0.1%	862	0.44	0
	0.1%	776	0.40	0
	0.1%	844	0.41	0
	0.1%	852	0.42	0

230	0.1%	914	0.53	0
	0.1%	988	0.47	0
	0.1%	980	0.52	0
	0.1%	1026	0.46	0
	0.1%	832	0.42	0
	0.1%	864	0.41	0
	0.1%	970	0.49	0
	0.1%	832	0.40	0
	0.1%	862	0.42	0
	0.1%	902	0.47	0
240	0.1%	976	0.52	0
	0.1%	928	0.47	0

Tabela 84: 1000 Objetos por segundo Runtime Circle On-CollisionExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	26	0.06	0
	0.1%	40	0.01	0
	0.1%	22	0.03	0
	0.3%	174	0.02	0
	0.1%	34	0.02	0
	0.1%	34	0.02	0
	0.1%	36	0.02	0
	0.2%	40	0.02	0
10	0.1%	48	0.03	0
	0.0%	58	0.02	0
	0.1%	74	0.03	0
	0.3%	54	0.02	0
	0.1%	64	0.02	0
	0.1%	52	0.02	0
	0.2%	72	0.03	0
	0.1%	76	0.03	0

	0.2%	60	0.02	0
	0.1%	86	0.03	0
20	0.1%	68	0.02	0
	0.1%	174	0.03	0
	0.1%	174	0.02	0
	0.3%	90	0.02	0
	0.3%	54	0.02	0
	0.1%	66	0.03	0
	0.2%	94	0.04	0
	0.3%	84	0.05	0
	0.1%	82	0.03	0
	0.2%	144	0.06	0
30	0.4%	152	0.05	0
	0.0%	52	0.02	0
	0.4%	98	0.04	0
	0.2%	92	0.04	0
	0.1%	94	0.05	0
	0.3%	80	0.03	0
	0.1%	90	0.04	0
	0.1%	78	0.04	0
	0.1%	90	0.03	0
	0.4%	166	0.08	0
40	0.3%	80	0.03	0
	0.2%	78	0.05	0
	0.3%	110	0.08	0
	0.2%	92	0.04	0
	0.2%	92	0.04	0
	0.1%	100	0.04	0
	0.6%	80	0.03	0
	0.3%	120	0.07	0
	0.3%	118	0.08	0
	0.1%	218	0.10	0
50	0.3%	78	0.04	0
	0.2%	96	0.04	0

	0.1%	80	0.04	0
	0.5%	100	0.10	0
	0.1%	232	0.08	0
	0.3%	80	0.03	0
	0.1%	180	0.08	0
	0.2%	180	0.06	0
	0.3%	134	0.09	0
	0.2%	166	0.03	0
60	0.4%	188	0.08	0
	0.0%	160	0.03	0
	0.2%	54	0.08	0
	0.2%	158	0.08	0
	0.3%	64	0.06	0
	0.2%	92	0.10	0
	0.5%	210	0.03	0
	0.0%	134	0.09	0
	0.3%	72	0.03	0
	0.2%	210	0.10	0
70	0.5%	180	0.07	0
	0.2%	134	0.12	0
	0.0%	76	0.03	0
	0.4%	224	0.10	0
	0.2%	152	0.11	0
	0.2%	202	0.11	0
	0.2%	256	0.13	0
	0.2%	170	0.09	0
	0.2%	246	0.12	0
	0.2%	198	0.10	0
80	0.2%	154	0.07	0
	0.2%	146	0.09	0
	0.2%	152	0.07	0
	0.2%	158	0.08	0
	0.2%	146	0.13	0
	0.3%	136	0.08	0

	0.2%	242	0.12	0
	0.2%	152	0.13	0
	0.2%	272	0.13	0
	0.1%	230	0.13	0
90	0.2%	222	0.12	0
	0.2%	304	0.14	0
	0.2%	242	0.11	0
	0.1%	236	0.10	0
	0.3%	204	0.16	0
	0.1%	228	0.18	0
	0.1%	308	0.14	0
	0.2%	242	0.09	0
	0.2%	326	0.15	0
	0.2%	294	0.16	0
100	0.1%	304	0.14	0
	0.2%	288	0.13	0
	0.1%	292	0.14	0
	0.1%	242	0.11	0
	0.2%	254	0.13	0
	0.2%	478	0.16	0
	0.2%	478	0.25	0
	0.2%	456	0.23	0
	0.2%	412	0.26	0
	0.2%	464	0.17	0
110	0.1%	382	0.22	0
	0.1%	466	0.24	0
	0.2%	412	0.21	0
	0.2%	438	0.24	0
	0.1%	458	0.22	0
	0.2%	456	0.21	0
	0.2%	472	0.26	0
	0.1%	452	0.25	0
	0.1%	436	0.21	0
	0.1%	412	0.19	0

120	0.1%	460	0.26	0
	0.1%	446	0.22	0
	0.1%	472	0.24	0
	0.1%	500	0.23	0
	0.2%	482	0.29	0
	0.1%	526	0.27	0
	0.1%	552	0.25	0
	0.1%	532	0.22	0
	0.1%	552	0.28	0
	0.1%	434	0.26	0
130	0.1%	520	0.28	0
	0.1%	502	0.20	0
	0.1%	482	0.23	0
	0.1%	502	0.24	0
	0.1%	490	0.26	0
	0.1%	552	0.27	0
	0.1%	538	0.25	0
	0.1%	566	0.28	0
	0.1%	498	0.26	0
	0.1%	456	0.22	0
140	0.1%	530	0.25	0
	0.1%	576	0.26	0
	0.1%	566	0.26	0
	0.1%	576	0.25	0
	0.1%	526	0.29	0
	0.1%	550	0.25	0
	0.1%	564	0.28	0
	0.1%	550	0.28	0
	0.1%	538	0.26	0
	0.1%	572	0.28	0
150	0.1%	604	0.30	0
	0.1%	576	0.29	0
	0.1%	528	0.26	0
	0.1%	540	0.25	0

	0.1%	572	0.28	0
	0.1%	560	0.25	0
	0.1%	600	0.31	0
	0.1%	600	0.27	0
	0.1%	570	0.26	0
	0.1%	554	0.32	0
160	0.1%	496	0.25	0
	0.1%	600	0.25	0
	0.1%	530	0.29	0
	0.1%	582	0.32	0
	0.1%	614	0.24	0
	0.1%	566	0.29	0
	0.1%	538	0.24	0
	0.1%	600	0.28	0
	0.1%	572	0.29	0
	0.1%	552	0.32	0
170	0.1%	666	0.33	0
	0.1%	590	0.27	0
	0.1%	576	0.30	0
	0.1%	582	0.37	0
	0.1%	538	0.26	0
	0.1%	624	0.31	0
	0.1%	582	0.31	0
	0.1%	590	0.31	0
	0.1%	588	0.25	0
	0.1%	540	0.37	0
180	0.1%	622	0.31	0
	0.1%	548	0.28	0
	0.1%	596	0.30	0
	0.1%	590	0.30	0
	0.1%	636	0.29	0
	0.1%	678	0.37	0
	0.1%	732	0.35	0
	0.1%	760	0.32	0

	0.1%	672	0.33	0
	0.1%	668	0.32	0
190	0.1%	696	0.37	0
	0.1%	620	0.30	0
	0.1%	608	0.33	0
	0.1%	648	0.33	0
	0.1%	638	0.30	0
	0.1%	760	0.38	0
	0.1%	772	0.41	0
	0.1%	782	0.32	0
	0.1%	746	0.37	0
	0.1%	760	0.37	0
200	0.1%	810	0.38	0
	0.1%	684	0.32	0
	0.1%	740	0.37	0
	0.1%	726	0.34	0
	0.1%	728	0.38	0
	0.1%	700	0.37	0
	0.1%	732	0.35	0
	0.1%	802	0.39	0
	0.1%	822	0.38	0
	0.1%	774	0.38	0
210	0.1%	792	0.40	0
	0.1%	740	0.38	0
	0.1%	778	0.33	0
	0.1%	728	0.39	0
	0.1%	734	0.38	0
	0.1%	740	0.35	0
	0.1%	820	0.42	0
	0.1%	926	0.38	0
	0.1%	764	0.33	0
	0.1%	680	0.46	0
220	0.1%	684	0.37	0
	0.1%	760	0.38	0

	0.1%	744	0.37	0
	0.1%	784	0.41	0
	0.1%	728	0.35	0
	0.1%	796	0.36	0
	0.1%	810	0.41	0
	0.1%	812	0.37	0
	0.1%	764	0.41	0
	0.1%	926	0.42	0
230	0.1%	840	0.49	0
	0.1%	926	0.46	0
	0.1%	954	0.48	0
	0.1%	908	0.46	0
	0.1%	858	0.46	0
	0.1%	850	0.43	0
	0.1%	844	0.44	0
	0.1%	922	0.47	0
	0.1%	806	0.39	0
	0.1%	874	0.43	0
240	0.1%	876	0.43	0
	0.1%	904	0.45	0

Tabela 85: 1000 Objetos por segundo Runtime Circle On-CollisionStay2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.2%	98	0.10	0
	0.9%	144	0.12	0
	0.4%	56	0.04	0
	0.4%	868	0.05	0
	1.3%	868	0.21	0
	0.3%	78	0.21	0
	0.3%	78	0.07	0
	0.4%	104	0.07	0

10	0.4%	126	0.07	0
	0.4%	170	0.07	0
	0.2%	182	0.08	0
	0.8%	214	0.16	0
	1.5%	234	0.12	0
	1.0%	268	0.17	0
	0.7%	284	0.13	0
	0.8%	312	0.18	0
	1.0%	342	0.16	0
	1.0%	356	0.16	0
20	0.9%	386	0.20	0
	1.8%	868	0.21	0
	0.9%	868	0.21	0
	0.5%	786	0.37	0
	1.8%	446	0.21	0
	2.0%	786	0.37	0
	2.3%	460	0.24	0
	1.2%	474	0.27	0
	1.3%	526	0.53	0
	1.3%	1124	0.56	0
30	1.0%	1222	0.34	0
	2.0%	638	0.30	0
	3.7%	648	0.33	0
	1.2%	662	0.32	0
	3.2%	676	0.34	0
	1.8%	716	0.37	0
	1.8%	786	0.77	0
	2.0%	744	0.37	0
	1.8%	786	0.40	0
	1.8%	1690	1.30	0
40	2.2%	1098	0.41	0
	4.5%	848	0.50	0
	1.8%	844	0.43	0
	3.4%	1098	1.30	0

	1.5%	864	0.47	0
	3.4%	916	0.55	0
	2.9%	968	0.50	0
	2.7%	974	0.96	0
	1.8%	978	0.63	0
	4.5%	2032	0.52	0
50	1.7%	1012	1.05	0
	3.2%	1040	1.30	0
	1.8%	1098	0.55	0
	3.5%	1062	1.30	0
	3.8%	2206	1.08	0
	1.8%	1098	1.15	0
	5.7%	2292	0.63	0
	1.9%	2758	1.53	0
	5.2%	2334	0.62	0
	2.2%	2324	1.33	0
60	3.6%	2350	1.19	0
	5.4%	2758	0.63	0
	5.2%	2500	0.65	0
	3.6%	1272	1.20	0
	7.2%	1298	1.27	0
	1.5%	2636	0.63	0
	4.0%	2758	1.58	0
	4.7%	1338	1.40	0
	5.2%	2720	1.43	0
	2.3%	2716	0.63	0
70	5.6%	2758	1.22	0
	1.7%	2850	1.32	0
	5.2%	3104	2.00	0
	4.5%	2892	2.61	0
	6.3%	4326	1.33	0
	4.9%	2910	2.03	0
	1.6%	4384	1.98	0
	4.6%	3104	1.52	0

	2.8%	2970	1.53	0
	4.9%	3028	2.61	0
80	4.9%	3104	1.38	0
	2.9%	3004	1.45	0
	4.3%	3042	2.61	0
	5.0%	3066	2.24	0
	4.9%	4596	1.44	0
	4.6%	3104	2.28	0
	4.2%	4704	2.61	0
	4.0%	4716	2.22	0
	4.2%	6374	3.03	0
	4.9%	6810	2.20	0
90	5.4%	4744	2.32	0
	2.7%	4860	4.31	0
	4.1%	4908	3.97	0
	5.4%	6810	3.40	0
	4.9%	6566	2.28	0
	3.9%	6810	3.66	0
	5.4%	6580	4.31	0
	5.0%	6576	3.15	0
	3.6%	6594	4.31	0
	6.9%	6624	3.47	0
100	4.9%	6810	3.10	0
	4.9%	6924	3.30	0
	3.4%	10700	4.31	0
	5.0%	10644	5.12	0
	5.2%	11774	5.49	0
	4.9%	10834	5.20	0
	4.9%	10868	5.01	0
	5.5%	10968	6.10	0
	3.8%	11774	5.40	0
	4.3%	11384	5.24	0
110	5.0%	11518	5.57	0
	4.4%	11594	6.10	0

	4.3%	11774	5.60	0
	5.0%	11366	5.72	0
	4.4%	11546	5.50	0
	4.4%	11774	5.49	0
	4.5%	12028	6.10	0
	4.3%	12168	6.20	0
	4.9%	12388	6.10	0
	4.6%	12714	6.04	0
120	4.4%	12878	6.00	0
	4.7%	14592	6.09	0
	4.7%	12918	6.66	0
	4.4%	14592	6.37	0
	4.7%	13088	6.89	0
	4.2%	13272	6.16	0
	4.7%	13936	6.89	0
	4.4%	14156	6.16	0
	5.0%	15908	5.50	0
	4.0%	15908	6.63	0
130	4.2%	14310	6.66	0
	4.0%	14580	7.15	0
	4.8%	14592	6.83	0
	4.8%	14592	6.89	0
	4.7%	14680	6.89	0
	4.0%	14880	8.16	0
	4.7%	15384	8.16	0
	4.6%	15830	7.25	0
	4.0%	15908	8.44	0
	4.0%	15908	7.50	0
140	4.8%	15938	7.67	0
	4.9%	16100	8.11	0
	4.9%	16248	7.75	0
	4.7%	16194	7.77	0
	5.3%	18616	8.16	0
	4.6%	16738	8.00	0

	4.4%	17042	8.16	0
	4.6%	18616	8.32	0
	4.3%	17202	8.90	0
	4.9%	17344	8.96	0
150	4.1%	17924	9.16	0
	5.2%	17994	8.72	0
	4.6%	17990	9.16	0
	4.4%	18252	8.68	0
	4.8%	18616	9.15	0
	4.6%	18348	8.71	0
	4.5%	18568	8.62	0
	4.6%	18616	9.51	0
	4.8%	18906	9.57	0
	4.6%	21394	8.99	0
160	5.0%	19184	9.16	0
	4.9%	19208	9.11	0
	4.6%	19802	9.26	0
	4.3%	21394	9.16	0
	5.0%	19892	10.98	0
	5.0%	20192	9.35	0
	5.1%	20654	9.52	0
	4.7%	21114	10.26	0
	4.9%	20980	10.98	0
	4.4%	21394	9.91	0
170	5.0%	21228	10.67	0
	4.5%	21226	10.19	0
	4.3%	24842	10.17	0
	5.1%	21274	9.91	0
	4.7%	21394	10.98	0
	5.0%	21740	10.71	0
	5.0%	22340	10.70	0
	4.8%	22544	10.85	0
	3.9%	22746	12.22	0
	4.7%	24842	11.43	0

180	4.4%	22954	10.73	0
	4.5%	23222	10.98	0
	4.9%	23758	11.54	0
	4.8%	23926	11.10	0
	5.0%	24842	12.22	0
	4.8%	23950	11.32	0
	4.7%	24202	11.64	0
	5.0%	27938	11.66	0
	4.0%	24382	11.81	0
	4.9%	24408	11.47	0
190	4.5%	24438	12.22	0
	5.0%	24660	11.98	0
	4.7%	24842	11.95	0
	4.7%	25302	14.48	0
	5.0%	25324	12.17	0
	4.3%	27938	11.92	0
	4.6%	25660	11.98	0
	5.0%	31500	12.20	0
	4.5%	25646	12.22	0
	4.6%	25916	12.18	0
200	4.5%	27938	14.48	0
	5.4%	26270	12.52	0
	4.7%	32284	12.49	0
	4.7%	26678	13.11	0
	5.0%	26790	14.48	0
	4.2%	27262	12.92	0
	4.7%	27436	13.05	0
	4.5%	31500	13.14	0
	4.3%	27496	13.27	0
	5.1%	27614	13.13	0
210	4.7%	27938	13.74	0
	4.5%	31500	13.48	0
	5.0%	28314	14.47	0
	4.4%	34568	14.15	0

	4.6%	32284	14.48	0
	4.9%	28604	12.04	0
	4.7%	29010	15.22	0
	4.9%	29396	15.08	0
	4.6%	32284	15.67	0
	4.9%	35762	14.87	0
220	5.4%	30116	14.66	0
	4.5%	30324	14.60	0
	4.8%	25356	15.27	0
	4.4%	31052	15.13	0
	4.4%	31244	15.88	0
	4.8%	31500	15.84	0
	4.8%	31742	15.86	0
	4.4%	34568	15.53	0
	4.2%	31794	17.59	0
	5.1%	31600	16.58	0
230	4.6%	34568	16.26	0
	4.7%	37578	16.10	0
	4.4%	32060	16.80	0
	4.6%	32284	16.58	0
	4.5%	35762	16.59	0
	4.5%	32534	16.44	0
	4.5%	35762	16.83	0
	4.4%	32528	16.94	0
	4.4%	36292	16.74	0
	4.4%	32650	16.75	0
240	4.2%	33330	17.36	0
	4.4%	33796	17.67	0

Tabela 86: 1000 Objetos por segundo Runtime Circle On-TriggerEnter2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory

10				
70	0.0%	4	0.08	0
	0.0%			
		8	0.01	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
80	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.02	0
	0.0%	8	0.00	0
	0.0%	8	0.01	0
	0.0%	6	0.00	0
	0.0%	20	0.00	0
90	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	12	0.00	0
	0.0%	10	0.00	0

	0.0%	12	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
100	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	10		0
	0.0%	10	0.00	0
		12	0.00	0
	0.0%		0.00	
	0.0%	2	0.00	0
	0.0%	12	0.00	0
110	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.01	0
120	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%	4	0.00	0
	0.0%	4	0.01	0
130	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4		0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	8	0.00	0
	0.0%		0.00	0
		6	0.00	0
140	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.01	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
150	0.0%	2	0.00	0
	0.0%			0
	0.0%			0
	0.0%			0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
		2	0.00	0
				0
		6	0.00	0
160	0.0%	4	0.00	
	0.0%	4	0.00	

	0.0%	4	0.00	
	0.0%	2	0.00	0
			0.00	0
	0.0%			0
	0.0%	4		0
	0.0%	2	0.00	0
	0.0%	4	0.00	
			0.00	0
170		6	0.00	0
	0.0%	4		0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	
	0.0%	4	0.00	
			0.00	0
	0.0%	4		0
	0.0%		0.00	0
	0.0%	8		0
180	0.0%	4	0.00	
	0.0%		0.00	0
	0.0%	4		0
		4	0.00	0
	0.0%	2	0.00	0
		6	0.00	0
	0.0%	4	0.00	
		2	0.00	0
	0.0%	4	0.00	
	0.0%	4	0.00	0
190	0.0%	4	0.00	0
	0.0%	6	0.00	
	0.0%		0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%		0.01	0

	0.0%	4		0
	0.0%	2	0.00	0
	0.0%		0.00	0
	0.0%	10		0
200	0.0%	6	0.00	0
	0.0%	6	0.00	0
		2		0
		6	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	
	0.0%	6	0.01	0
		2	0.00	0
	0.0%		0.01	0
	0.0%		0.00	
210	0.0%	4	0.01	0
	0.0%	4		0
	0.0%			
	0.0%	4	0.00	0
		4		0
		4	0.00	0
	0.0%	8	0.01	0
	0.0%			0
		2	0.00	0
	0.0%	6	0.00	
220	0.0%	6		
	0.0%		0.01	0
		2	0.01	0
	0.0%	4	0.00	
			0.00	0
	0.0%	4	0.00	
	0.0%	4	0.00	0
	0.0%			0
			0.00	
	0.0%	4		0

230	0.0%	2		0
		2	0.00	0
		2	0.00	
	0.0%	4	0.00	0
	0.0%		0.00	
	0.0%	2	0.00	
	0.0%	2	0.00	0
	0.0%	4		0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
240		10	0.00	0
	0.0%	4	0.00	0

Tabela 87: 1000 Objetos por segundo Runtime Circle On-TriggerExit2D

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
70				

	0.2%	4	0.09	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
80	0.0%	4	0.00	0
	0.0%	6	0.01	0
	0.0%	8	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
90	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
	0.0%	12	0.00	0
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	8	0.00	0
	0.0%	6	0.00	0
100	0.0%	8	0.00	0
	0.0%	10	0.00	0
	0.0%	6	0.00	0
	0.0%	10	0.01	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	10	0.00	0
	0.0%	4	0.00	0
	0.0%	8	0.00	0

110	0.0%	2	0.00	0
	0.0%	12	0.00	0
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%	4	0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2		0
	0.0%	6	0.00	0
120	0.0%		0.00	0
	0.0%	6	0.00	0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
		6	0.00	0
	0.0%		0.00	0
	0.0%	12	0.00	0
	0.0%	2		0
	0.0%		0.00	0
	0.0%		0.00	0
130	0.0%	2	0.00	0
		8	0.00	0
	0.0%		0.00	0
	0.0%	2		0
	0.0%	6		
		2	0.00	0
		2	0.00	0
	0.0%		0.00	0
	0.0%	2	0.00	0
	0.0%	2		0
140	0.0%		0.00	0
		8	0.00	
	0.0%	2	0.00	0
	0.0%	2	0.00	0

	0.0%		0.00	0
	0.0%	6	0.00	
	0.0%			
		4	0.00	0
	0.0%		0.00	0
	0.0%		0.00	0
150	0.0%	6	0.00	
	0.0%	6		0
	0.0%		0.00	0
		2	0.00	0
	0.0%		0.00	
	0.0%	8	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	
	0.0%	4		0
	0.0%		0.00	
160		2		0
	0.0%		0.00	
				0
		2	0.00	
	0.0%	6	0.00	0
		2	0.00	
	0.0%	4		0
		2	0.00	
	0.0%			0
170	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	6	0.00	0
	0.0%		0.00	
	0.0%	4		
		4	0.00	
		2	0.00	0
	0.0%	2		0

		2	0.00	0
		2	0.00	0
180	0.0%	2		0
	0.0%	2		
	0.0%	6	0.00	0
	0.0%		0.00	0
	0.0%		0.00	0
	0.0%	6	0.00	
	0.0%	2	0.00	0
	0.0%	4	0.00	0
		4		0
	0.0%	6	0.00	0
190	0.0%	2	0.00	
	0.0%	2	0.00	
			0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
	0.0%	4	0.00	0
	0.0%	2		
		2	0.00	0
		4	0.00	0
	0.0%		0.00	0
200	0.0%	2	0.00	0
	0.0%	2	0.00	
	0.0%	4	0.00	0
	0.0%	2	0.00	0
	0.0%	6	0.00	0
		2	0.00	0
	0.0%	4	0.00	0
	0.0%	2		0
	0.0%	6		0
	0.0%	4	0.00	0
210	0.0%		0.00	
	0.0%		0.00	

		4	0.00	0
	0.0%	4	0.00	0
	0.0%	4	0.00	0
	0.0%	2		0
	0.0%	2	0.00	0
	0.0%	2	0.00	0
	0.0%		0.00	0
	0.0%	4	0.00	
220	0.0%	2	0.00	0
	0.0%	4	0.00	0
		2	0.00	0
		2		0
	0.0%	2	0.01	0
	0.0%		0.00	0
	0.0%		0.01	0
	0.0%	6	0.00	0
	0.0%		0.00	
	0.0%	4	0.00	0
230		4	0.00	
	0.0%	6	0.00	0
	0.0%	6		
		4		0
	0.0%		0.00	0
		6	0.01	0
	0.0%	2	0.00	0
		4	0.00	
	0.0%		0.00	0
	0.0%	2	0.00	0
240	0.0%		0.00	
	0.0%		0.00	0

quadrosTotal	totalPercent	calls	totalTime	gcMemory
10				
70	0.2%	2	0.09	0
	0.0%	14	0.36	0
	0.0%	38	0.03	0
	0.1%	734	0.36	0
	0.0%	46	0.03	0
	0.1%	734	0.34	0
	0.1%	46	0.34	0
	0.1%	52	0.04	0
	0.1%	108	0.39	0
	0.2%	120	0.12	0
80	0.1%	734	0.39	0
	0.1%	734	0.06	0
	0.2%	128	0.06	0
	0.2%	734	0.11	0
	0.2%	194	0.36	0
	0.3%	162	0.39	0
	0.1%	734	0.39	0
	0.1%	430	0.09	0
	0.1%	200	0.36	0
	0.1%	278	0.12	0

90	0.2%	260	0.24	0
	0.1%	258	0.15	0
	0.2%	262	0.14	0
	0.2%	252	0.36	0
	0.2%	386	0.16	0
	0.1%	734	0.36	0
	0.2%	450	0.13	0
	0.1%	424	0.19	0
	0.2%	734	0.20	0
	0.3%	402	0.26	0
100	0.2%	430	0.26	0
	0.2%	734	0.25	0
	0.3%	414	0.24	0
	0.2%	734	0.34	0
	0.3%	430	0.25	0
	0.1%	424	0.27	0
	0.2%	446	0.24	0
	0.2%	442	0.26	0
	0.2%	448	0.25	0
	0.2%	528	0.27	0
110	0.3%	436	0.23	0
	0.1%	446	0.26	0
	0.2%	454	0.28	0
	0.3%	430	0.28	0
	0.3%	422	0.24	0
	0.2%	430	0.27	0
	0.1%	430	0.25	0
	0.1%	472	0.24	0
	0.3%	430	0.30	0
	0.1%	452	0.24	0
120	0.1%	528	0.24	0
	0.1%	404	0.29	0
	0.2%	474	0.23	0
	0.1%	582	0.30	0

	0.1%	482	0.28	0
	0.2%	528	0.29	0
	0.1%	502	0.26	0
	0.1%	528	0.23	0
	0.1%	472	0.35	0
	0.1%	528	0.34	0
130	0.1%	454	0.30	0
	0.1%	462	0.32	0
	0.1%	582	0.28	0
	0.1%	502	0.31	0
	0.1%	528	0.31	0
	0.1%	528	0.34	0
	0.1%	512	0.41	0
	0.1%	522	0.29	0
	0.1%	582	0.37	0
	0.1%	536	0.61	0
140	0.2%	582	0.31	0
	0.1%	582	0.29	0
	0.1%	512	0.36	0
	0.1%	528	0.29	0
	0.1%	552	0.32	0
	0.1%	614	0.32	0
	0.1%	582	0.38	0
	0.2%	582	0.35	0
	0.1%	598	0.34	0
	0.1%	610	0.35	0
150	0.1%	614	0.37	0
	0.1%	574	0.33	0
	0.1%	564	0.31	0
	0.1%	550	0.29	0
	0.3%	614	0.31	0
	0.1%	546	0.33	0
	0.1%	568	0.32	0
	0.1%	614	0.36	0

	0.1%	598	0.41	0
	0.1%	600	0.32	0
160	0.1%	614	0.39	0
	0.1%	582	0.33	0
	0.1%	614	0.36	0
	0.1%	590	0.36	0
	0.1%	594	0.32	0
	0.1%	614	0.33	0
	0.1%	608	0.36	0
	0.1%	582	0.32	0
	0.1%	558	0.32	0
	0.1%	538	0.32	0
170	0.1%	582	0.34	0
	0.1%	582	0.35	0
	0.1%	572	0.36	0
	0.1%	576	0.39	0
	0.1%	582	0.38	0
	0.1%	598	0.37	0
	0.1%	616	0.33	0
	0.1%	582	0.48	0
	0.1%	626	0.39	0
	0.1%	598	0.39	0
180	0.1%	582	0.41	0
	0.1%	582	0.39	0
	0.1%	582	0.42	0
	0.1%	694	0.37	0
	0.1%	634	0.39	0
	0.1%	636	0.42	0
	0.1%	694	0.30	0
	0.1%	694	0.37	0
	0.1%	642	0.36	0
	0.1%	694	0.39	0
190	0.1%	694	0.39	0
	0.1%	642	0.35	0

	0.1%	638	0.36	0
	0.1%	644	0.39	0
	0.1%	644	0.35	0
	0.1%	684	0.42	0
	0.1%	694	0.42	0
	0.1%	694	0.39	0
	0.1%	658	0.35	0
	0.1%	656	0.34	0
200	0.1%	756	0.34	0
	0.1%	706	0.45	0
	0.1%	730	0.43	0
	0.1%	712	0.40	0
	0.1%	712	0.39	0
	0.1%	618	0.40	0
	0.1%	732	0.39	0
	0.1%	756	0.35	0
	0.1%	720	0.47	0
	0.1%	756	0.39	0
210	0.1%	700	0.37	0
	0.1%	712	0.34	0
	0.1%	756	0.33	0
	0.1%	706	0.36	0
	0.1%	720	0.45	0
	0.1%	756	0.34	0
	0.1%	728	0.34	0
	0.1%	720	0.37	0
	0.1%	738	0.42	0
	0.1%	752	0.56	0
220	0.1%	732	0.42	0
	0.1%	734	0.37	0
	0.1%	738	0.44	0
	0.1%	748	0.44	0
	0.1%	750	0.42	0
	0.1%	756	0.37	0

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	0.1%	740		0
	0.1%	724		0
	0.1%	728		0
	0.1%	734		0
230	0.1%	734		0
	0.1%	740		0
	0.0%	732		0
	0.1%	712		0
	0.1%	710		0
	0.1%	720		0
	0.1%	760		0
	0.1%	770		0
	0.1%	772		0
	0.1%	760		0
240	0.1%	766		0
	0.1%	756		0

Tabela 89: 1000 Objetos por segundo Runtime Circle Physics2DSimulate

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	3.5%	6	327.23	900000
	18.3%	3	1.80	476300
	6.8%	1	327.23	9200000
	8.6%	6	1.42	1000000
	8.5%	1	1.64	1100000
	5.3%	1	238.52	1200000
	60.2%	1	0.91	1600000
	24.1%	1	332.45	1700000
10	24.1%	6	26.72	7000000
	12.5%	1	332.45	1700000
	14.2%	1	1.52	7000000
	90.0%	1	1.63	1900000

	14.0%	1	195.10	1900000
	15.4%	6	195.10	2000000
	7.7%	6	11.50	4200000
	69.6%	1	1.99	2200000
	41.1%	6	2.10	2400000
	86.2%	6	2.14	4900000
20	86.2%	1	2.21	2500000
	50.2%	1	298.64	3000000
	29.5%	1	298.64	9200000
	17.5%	1	5.38	3100000
	70.9%	1	2.46	3100000
	35.4%	6	5.38	7000000
	24.1%	1	232.56	7000000
	25.4%	1	2.74	3600000
	24.1%	6	232.56	9200000
	26.0%	6	18.69	9200000
30	52.9%	1	3.51	3800000
	48.6%	1	3.60	4099999.9999999995
	55.3%	6	6.29	9200000
	45.1%	1	4.93	9200000
	34.3%	6	7.33	4200000
	55.3%	6	195.10	8500000
	54.4%	2	195.10	4200000
	22.3%	6	19.47	4600000
	65.9%	6	3.56	11100000
	65.9%	1	238.52	9200000
40	69.3%	2	4.21	9200000
	25.7%	1	238.52	11100000
	75.4%	6	26.72	4500000
	79.3%	1	4.27	9200000
	65.1%	6	14.44	9200000
	65.9%	1	6.13	9300000
	65.9%	1	5.38	9400000
	65.9%	1	9.09	4700000

	65.9%	1	5.38	9900000
	43.7%	6	14.22	10000000
50	63.1%	1	26.72	11100000
	79.8%	1	5.35	11100000
	55.8%	6	238.52	11100000
	65.9%	6	5.75	11100000
	66.0%	1	5.42	5200000
	69.6%	1	26.72	11100000
	65.9%	1	238.52	10600000
	80.4%	1	6.67	10700000
	82.4%	1	26.72	11100000
	80.9%	1	26.72	5500000
60	82.4%	1	21.83	11400000
	69.9%	1	6.60	11300000
	57.3%	6	18.07	16900000
	82.4%	2	12.69	16700000
	76.0%	6	26.72	11400000
	82.4%	1	18.42	11600000
	82.4%	2	18.42	11600000
	77.9%	1	26.72	11700000
	48.0%	1	24.85	12000000
	82.4%	2	15.41	33600000
70	81.5%	2	7.38	18100000
	86.1%	1	18.42	18100000
	82.4%	2	18.13	33600000
	82.4%	2	18.42	24200000
	54.9%	2	18.42	33600000
	86.1%	1	14.91	18100000
	68.7%	2	18.42	33600000
	80.4%	2	18.18	18500000
	84.4%	2	18.42	18600000
	86.1%	2	27.84	33600000
80	86.1%	2	25.27	18700000
	80.4%	2	15.86	25000000

	86.1%	1	18.42	43900000
	70.1%	1	17.80	33600000
	80.4%	2	26.57	33600000
	80.4%	2	32.94	43900000
	81.8%	1	35.24	43900000
	86.1%	2	32.73	43900000
	72.4%	2	25.13	33600000
	80.4%	2	27.96	48700000
90	86.1%	2	33.42	43900000
	71.8%	3	37.59	40300000
	88.7%	2	36.88	48700000
	80.4%	3	36.30	39900000
	71.2%	3	46.87	43900000
	80.4%	3	50.21	48700000
	86.1%	2	47.90	40200000
	86.0%	2	61.72	53300000
	80.0%	3	58.34	53300000
	79.6%	2	47.05	40500000
100	80.4%	3	58.33	48700000
	81.0%	3	63.53	43900000
	71.9%	3	81.94	53300000
	81.2%	3	94.38	48700000
	79.9%	3	78.99	41900000
	81.2%	3	99.99	48700000
	81.6%	3	84.18	42800000
	81.9%	6	96.43	43500000
	79.6%	3	134.60	53300000
	74.1%	3	83.86	53300000
110	82.7%	3	134.60	53300000
	83.7%	3	99.98	42600000
	82.3%	6	134.60	43100000
	82.7%	6	92.08	62100000
	81.6%	6	106.98	43900000
	82.7%	3	113.34	48700000

	82.7%	4	134.60	62100000
	83.2%	4	134.60	45600000
	73.5%	6	97.83	62100000
	82.7%	4	110.10	47800000
120	83.2%	4	134.60	53300000
	82.7%	6	107.44	67400000
	83.5%	4	108.86	48400000
	83.4%	6	120.24	48300000
	82.7%	4	134.60	62100000
	83.6%	6	124.20	48500000
	82.1%	6	119.71	62100000
	79.2%	6	115.21	48700000
	85.1%	6	123.85	67400000
	80.3%	6	127.69	67400000
130	85.2%	6	134.60	49700000
	82.7%	6	150.98	62100000
	79.4%	6	126.09	42500000
	84.4%	6	232.06	67400000
	79.9%	6	145.42	52600000
	80.3%	6	144.19	77300000
	85.0%	6	159.18	53300000
	84.6%	6	154.40	67400000
	80.3%	6	232.06	54500000
	80.3%	6	151.50	62100000
140	87.1%	6	158.57	55800000
	81.0%	6	232.06	67400000
	84.4%	6	163.36	77300000
	80.3%	6	232.06	56300000
	82.7%	6	159.51	77300000
	84.7%	6	232.06	57000000
	84.4%	6	170.15	58400000
	84.4%	6	165.13	77300000
	85.3%	5	174.31	58900000
	86.9%	6	183.38	67400000

150	84.4%	6	174.35	59700000
	87.5%	6	192.55	77300000
	86.1%	6	232.06	60100000
	80.3%	6	188.66	60400000
	80.5%	6	186.21	62100000
	86.9%	6	219.56	63000000
	90.0%	6	232.56	63800000
	87.9%	6	232.06	94500000
	81.6%	6	190.67	64500000
	80.3%	6	176.53	77300000
160	82.8%	6	194.98	66599999.99999999
	88.0%	6	195.10	67400000
	84.4%	6	231.83	77300000
	88.4%	6	232.56	68000000
	83.9%	6	232.56	94500000
	88.4%	6	210.54	68500000
	90.0%	6	202.97	94500000
	84.4%	6	226.09	69200000
	90.0%	6	229.58	70400000
	84.0%	6	215.10	94500000
170	86.6%	6	232.06	71400000
	81.0%	6	195.10	73100000
	88.9%	6	195.10	94500000
	90.0%	6	212.84	73100000
	80.3%	6	232.56	74000000
	90.0%	6	232.56	77300000
	87.1%	6	211.63	77400000
	88.7%	6	362.68	77700000
	84.5%	6	212.16	77800000
	86.2%	6	217.50	77600000
180	88.5%	6	245.59	94500000
	88.0%	6	225.88	82200000
	84.4%	6	238.52	94500000
	90.6%	6	239.89	83400000

	90.4%	6	218.69	83600000
	88.4%	6	404.25	85000000
	83.8%	6	217.27	85800000
	89.7%	6	238.52	87900000
	90.0%	6	231.91	88400000
	90.0%	6	229.32	88800000
190	86.2%	6	233.40	89500000
	86.2%	6	234.39	89100000
	54.3%	6	238.52	90000000
	87.6%	6	239.79	91000000
	83.7%	6	244.33	92500000
	89.4%	6	256.83	93400000
	89.7%	6	298.64	94300000
	84.7%	6	271.01	94500000
	90.5%	6	276.90	94300000
	84.6%	6	221.04	95200000
200	88.9%	6	298.64	95500000
	86.4%	6	280.01	97800000
	86.7%	6	298.64	99600000
	86.0%	6	300.74	99600000
	87.6%	6	284.97	100400000
	86.7%	6	332.45	101100000
	87.0%	6	283.09	101700000
	90.5%	6	298.64	102500000
	86.4%	6	300.56	104000000
	88.4%	6	332.45	105000000
210	90.3%	6	288.52	107400000
	88.3%	6	327.23	109300000
	87.5%	6	323.89	110300000
	90.4%	6	332.45	110700000
	88.5%	6	310.15	92900000
	91.8%	6	325.06	112800000
	88.1%	6	327.23	113800000
	91.7%	6	314.81	114900000

	88.3%	6	322.90	115500000
	91.0%	6	302.37	115400000
220	88.5%	6	332.45	115400000
	93.0%	6	327.23	117100000
	87.1%	6	290.78	117900000
	92.0%	6	362.94	118800000
	86.9%	6	362.68	118400000
	92.0%	6	333.24	119900000
	88.7%	6	316.96	122200000
	88.7%	6	327.23	123200000
	92.8%	6	362.68	122900000
	54.3%	6	343.44	124400000
230	92.4%	6	353.27	125800000
	88.3%	6	404.25	126700000
	54.3%	6	365.99	128100000
	91.1%	6	371.75	129400000
	92.3%	6	362.68	129800000.00000001
	92.2%	6	404.25	130300000.00000001
	88.8%	6	349.99	131100000
	92.8%	6	347.56	132699999.99999999
	54.3%	6	362.68	133800000.00000001
	86.7%	6	339.81	133400000
240	90.0%	6	338.71	134199999.99999999
	92.1%	6	386.30	134500000

Tabela 90: 1000 Objetos por segundo Runtime Circle Spawn

quadrosTotal	totalPercent	calls	totalTime	gcMemory
	3.5%	6	1.80	700000
	8.4%	3	1.42	900000
	18.3%	1	1.64	476300
	6.7%	1	0.91	600000

	6.0%	1	1.02	700000
	6.8%	1	1.18	800000
	8.6%	1	1.39	1000000
	8.5%	1	1.52	1100000
10	5.3%	1	1.63	1200000
	60.2%	1	11.50	1200000
	25.7%	1	1.99	1300000
	12.5%	1	2.10	1400000
	12.2%	1	2.14	1600000
	14.2%	1	2.21	1700000
	14.0%	1	2.48	1700000
	15.4%	1	2.46	1900000
	14.4%	1	2.57	1900000
	7.7%	1	2.74	2000000
20	69.6%	2	18.69	4200000
	41.1%	1	3.51	2000000
	20.9%	1	3.71	2200000
	23.0%	1	3.60	2400000
	22.0%	1	3.79	2400000
	50.2%	1	13.29	2400000
	29.5%	2	6.29	4900000
	17.5%	1	4.93	2500000
	47.6%	2	7.33	5400000
	70.9%	1	19.47	2800000
30	35.4%	1	3.56	3000000
	23.8%	1	3.99	3000000
	25.4%	1	4.21	3100000
	24.1%	1	4.27	3100000
	56.4%	1	14.44	3300000
	26.0%	1	6.13	3500000
	52.9%	2	9.09	7000000
	48.6%	1	5.38	3600000
	55.3%	1	14.22	3700000
	45.1%	1	5.35	3700000

40	34.2%	1	5.75	3800000
	34.3%	1	5.42	4000000
	55.3%	1	14.13	4099999.9999999995
	54.4%	1	6.67	4200000
	22.3%	1	6.26	4300000
	72.1%	2	21.83	8500000
	53.7%	1	6.60	4200000
	41.0%	1	6.84	4400000
	62.7%	1	18.07	4600000
	69.3%	2	12.69	9200000
50	76.8%	1	22.58	4500000
	25.7%	2	11.49	9200000
	75.4%	2	26.72	9200000
	66.5%	2	13.12	9300000
	79.3%	2	24.85	9400000
	65.1%	2	13.88	9300000
	43.7%	1	17.54	4700000
	63.1%	2	15.41	9900000
	79.8%	2	23.50	10000000
	55.8%	1	7.38	5000000
60	66.0%	1	18.13	5200000
	69.6%	2	14.91	10600000
	48.5%	1	18.18	5300000
	65.9%	2	15.90	10800000
	80.4%	2	27.84	10600000
	80.9%	2	25.27	10700000
	69.9%	2	15.86	11100000
	48.3%	1	18.42	5500000
	67.9%	2	17.80	11500000
	57.3%	2	26.57	11400000
70	81.3%	3	32.94	16800000
	60.7%	2	27.37	11300000
	76.0%	3	35.24	16900000
	83.3%	3	32.73	16700000

	77.9%	2	25.80	11400000
	48.0%	2	17.47	11600000
	73.9%	2	25.13	11500000
	81.5%	2	27.96	11600000
	82.4%	2	31.36	11700000
	81.6%	3	33.42	17500000
80	54.9%	2	28.69	12000000
	68.7%	3	37.59	18100000
	84.4%	3	40.33	18100000
	65.2%	3	36.88	18100000
	83.5%	4	46.69	24200000
	83.8%	3	36.30	18100000
	70.1%	3	44.87	18500000
	81.8%	3	46.87	18600000
	87.5%	4	50.21	24800000
	72.4%	3	47.90	18700000
90	71.8%	4	46.62	25000000
	88.7%	4	61.72	24900000
	71.2%	4	45.82	24900000
	83.0%	4	58.34	25000000
	86.1%	4	47.05	25100000
	72.9%	4	58.33	25400000
	86.0%	4	63.53	26000000
	80.0%	5	79.06	33600000
	79.6%	6	81.94	40300000
	80.4%	6	94.07	39900000
100	81.4%	6	89.03	40200000
	81.0%	6	94.38	40800000
	71.9%	6	78.99	40500000
	81.2%	6	99.99	41300000
	79.9%	6	84.18	41900000
	81.2%	6	96.43	42800000
	81.6%	6	95.94	43100000
	69.7%	6	83.86	43500000

	81.0%	6	99.98	42600000
	81.9%	6	98.12	43100000
110	79.6%	6	92.08	43900000
	74.1%	6	106.98	45000000
	82.4%	6	105.88	45600000
	83.7%	6	113.34	46400000
	82.3%	6	97.83	47800000
	76.0%	6	110.10	48400000
	81.6%	6	113.12	48300000
	82.7%	6	109.72	48500000
	83.2%	6	107.70	48700000
	73.5%	6	107.44	49700000
120	80.4%	5	108.86	42500000
	83.2%	6	120.24	51900000
	83.5%	6	119.31	52600000
	75.9%	6	125.53	53300000
	83.4%	6	124.20	54100000
	83.6%	6	119.71	54500000
	82.1%	6	115.21	54700000
	79.2%	6	142.76	55800000
	85.1%	6	123.85	56300000
	84.0%	6	127.69	57000000
130	85.2%	6	134.56	58400000
	79.4%	6	134.60	58900000
	86.4%	6	150.98	59400000
	85.8%	6	140.95	59700000
	79.9%	6	147.57	60100000
	85.0%	6	126.09	60400000
	84.6%	6	145.42	62100000
	78.8%	6	144.19	63000000
	86.2%	6	153.60	63800000
	87.1%	6	159.18	64500000
140	81.0%	6	159.05	65500000
	82.7%	6	154.40	66000000

	84.7%	6	148.44	66099999.99999999
	80.8%	6	151.50	66599999.99999999
	85.3%	6	158.57	67400000
	86.9%	6	163.36	68000000
	80.4%	6	159.51	68500000
	87.5%	6	165.70	68500000
	86.1%	6	161.13	69200000
	80.5%	6	153.78	70400000
150	86.9%	6	170.15	70800000
	87.9%	6	165.13	71400000
	81.6%	6	174.31	73100000
	87.9%	6	182.46	73100000
	85.2%	6	174.61	74000000
	82.8%	6	183.38	75000000
	88.0%	6	174.35	75900000
	88.4%	6	178.69	77300000
	83.9%	6	192.55	77400000
	88.4%	6	188.66	77400000
160	89.1%	6	186.21	77700000
	84.0%	6	219.56	77800000
	89.2%	6	203.17	77600000
	86.6%	6	190.67	78700000
	81.0%	6	176.53	79900000
	88.9%	6	196.41	81800000
	86.8%	6	194.98	82200000
	80.3%	6	181.18	83400000
	88.1%	6	205.36	83600000
	86.3%	6	231.83	85000000
170	87.1%	6	204.46	85800000
	88.7%	6	216.24	87000000
	84.5%	6	211.59	87900000
	88.5%	6	210.54	88400000
	88.0%	6	202.97	88800000
	84.4%	6	226.09	89300000

	90.6%	6	229.58	89500000
	85.2%	6	215.10	89100000
	90.4%	6	232.06	90000000
	88.4%	6	195.10	91000000
180	83.8%	6	212.84	92500000
	89.7%	6	232.56	93400000
	84.4%	6	211.63	94300000
	88.6%	6	212.16	94500000
	90.0%	6	217.50	94300000
	86.2%	6	245.59	95200000
	87.6%	6	225.88	95500000
	83.7%	6	239.89	96300000
	89.4%	6	218.69	97800000
	89.7%	6	217.27	98100000
190	84.7%	6	231.91	99600000
	90.5%	6	229.32	99600000
	84.6%	6	233.40	100400000
	88.9%	6	234.39	101100000
	86.4%	6	238.52	101700000
	89.3%	6	239.79	102500000
	86.0%	6	244.33	104000000
	87.6%	6	244.68	105000000
	86.7%	6	256.83	106000000
	90.1%	6	238.62	107400000
200	87.0%	6	273.20	109300000
	90.5%	6	271.01	110300000
	86.4%	6	276.90	110700000
	89.4%	5	221.04	92900000
	88.4%	6	280.01	112800000
	90.3%	6	262.80	113800000
	88.3%	6	300.74	114900000
	90.6%	6	284.97	115500000
	87.5%	6	290.64	115400000
	90.4%	6	283.09	115400000

210	88.6%	6	298.64	117100000
	90.4%	6	300.56	117900000
	88.5%	6	292.55	118300000
	91.8%	6	288.52	118200000
	88.1%	6	299.51	118800000
	91.7%	6	323.89	118400000
	88.3%	6	310.15	119900000
	91.0%	6	325.06	122200000
	88.5%	6	314.81	123200000
	93.0%	6	322.90	122900000
220	87.1%	6	302.37	124200000
	92.0%	6	332.45	124400000
	86.9%	6	290.78	125800000
	92.0%	6	362.94	126700000
	88.7%	6	333.24	128100000
	90.3%	6	316.96	129400000
	88.7%	6	327.23	129800000.00000001
	92.8%	6	343.44	130300000.00000001
	88.1%	6	320.95	131500000
	92.4%	6	325.49	131100000
230	88.3%	6	353.27	132699999.99999999
	91.1%	6	365.99	133800000.00000001
	90.8%	6	371.75	133400000
	92.3%	6	396.57	134199999.99999999
	90.4%	6	349.99	134500000
	92.2%	6	347.56	136100000
	88.8%	6	310.41	137000000
	92.8%	6	362.68	137900000
	90.0%	6	339.81	137700000
	92.1%	6	338.71	137500000
240	86.7%	6	386.30	138600000
	54.3%	6	404.25	139200000