Queue Size	Trial 1 # of deadlocks	Trial 2 # of deadlocks	Average (%)
26500	5	5	100
26700	3	1	40
26800	1	2	30
27000	1	1	20
27500	1	0	10
28000	1	0	10
28500	0	0	0
			0

Deadlock (%) vs Queue Size (200 Donuts)
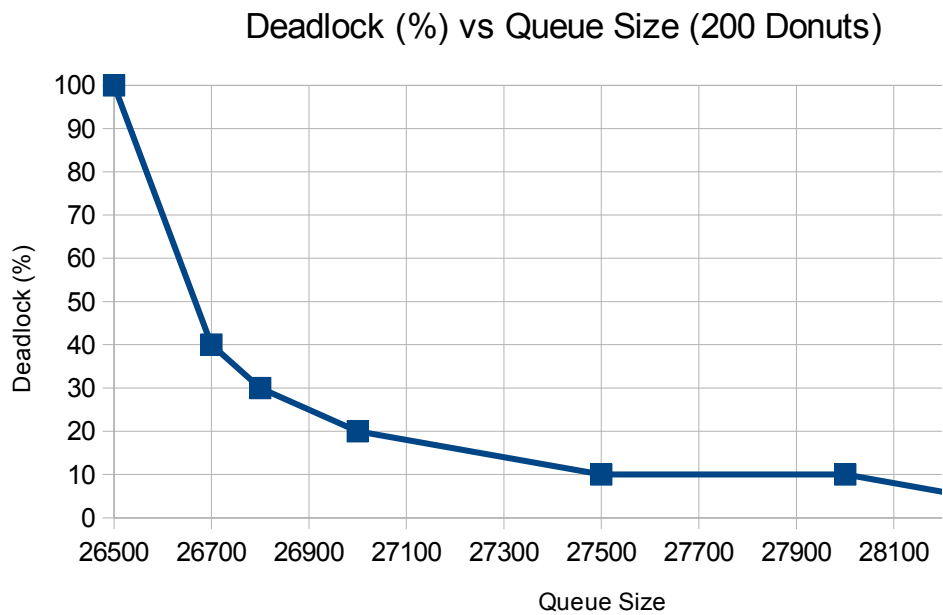
Dozens of Donuts	Trial 1	Trial 2	Average
100	0	0	0
150	0	0	0
175	0	1	10
200	2	2	40
225	3	4	70
250	5	5	100
300	5	5	100

Dozens of Donuts vs Avg Deadlock (%)

Results

Average Deadlock (%) (y-axis): 0, 10, 20, 30, 40, 50, 60, 70

Dozens of Donuts (x-axis): 100, 120, 140, 160, 180, 200, 220, 240, 260
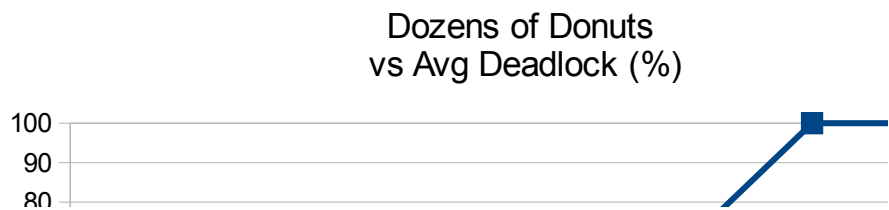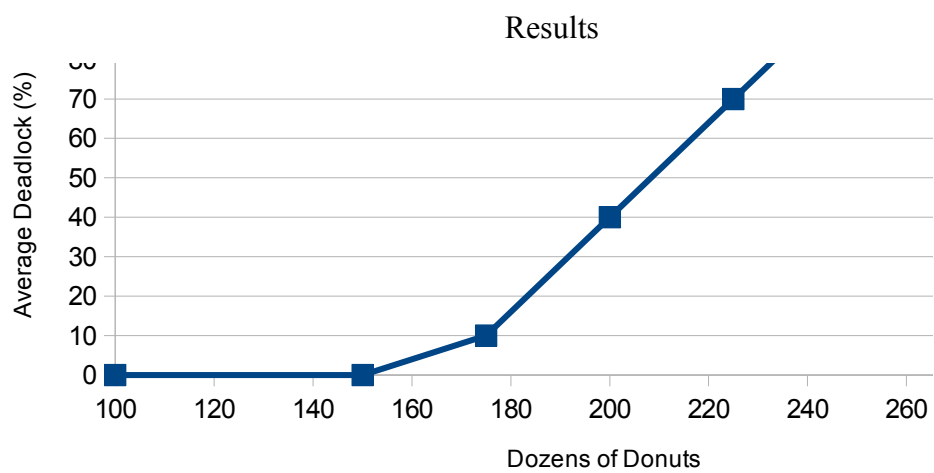
PC Used: i7 4970k
4 cores / 8 threads
200 donuts

28300   28500
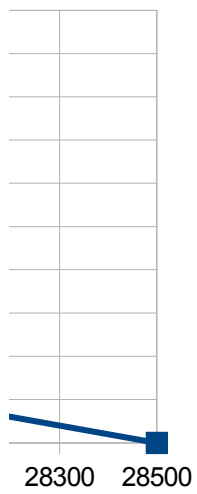
PC Used: i7 4970k
4 cores / 8 threads
50% Queue Size

Results

280   300