

Apps		100				
% active queues		100				
Time given to scheduling thread (for async case)		1 minute				
Measurements in		ops / second				
master						
Num Queues	Num Threads					
	1	2	3	4	Synchronous	
10	10446	14881	18583	22605	10758.473	
20	5981	10961	15024	17183	7415.647	
30	4791	9023	10809	14110	5263.1577	
40	4121	7005	9093	10342	4160.599	
50	3406	6534	7969	8945	3695.4915	
60	2943	5028	6549	7985	3069.8389	
70	2573	4722	5497	7042	2758.6206	
80	2333	4304	5591	6302	2479.2363	
90	2147	3604	4853	6096		<- test timeout
100	1962	3508	4628	5232		<- test timeout
with changes						
Num Queues	Num Threads					
	1	2	3	4	Synchronous	
10	11139	17180	21001	23904	11968.881	
20	7922	12656	16071	19456	8760.403	
30	6283	10034	12705	15786	6424.671	
40	5127	8520	10558	12959	5224.66	
50	4433	7177	8799	11135	4333.6943	
60	3711	6113	7670	9367	3964.321	
70	3272	5602	6717	8309	3347.8406	
80	2912	4872	6492	7398	3089.7576	
90	2694	4521	5942	6826	2730.7483	
100	2430	4308	5268	6558	2529.0845	
percentage change						
Num Queues	Num Threads					
	1	2	3	4	Synchronous	
10	6.63%	15.45%	13.01%	5.75%	11.25%	
20	32.45%	15.46%	6.97%	13.23%	18.13%	
30	31.14%	11.20%	17.54%	11.88%	22.07%	
40	24.41%	21.63%	16.11%	25.30%	25.57%	
50	30.15%	9.84%	10.42%	24.48%	17.27%	
60	26.10%	21.58%	17.12%	17.31%	29.14%	
70	27.17%	18.64%	22.19%	17.99%	21.36%	
80	24.82%	13.20%	16.12%	17.39%	24.63%	
90	25.48%	25.44%	22.44%	11.98%	#DIV/0!	
100	23.85%	22.81%	13.83%	25.34%	#DIV/0!	