

customer list size	java sequential average	java parallel average	cpp sequential average	cpp parallel average
4000000	25.7	29.1	42.6	18.1
8000000	50.4	49.1	85.4	37.1
12000000	72.6	66.1	129.6	47
16000000	100.6	86.5	172.1	58.2
20000000	122.4	106.3	214.9	66.6

java sequential average, java parallel average, cpp sequential average and cpp parallel average

