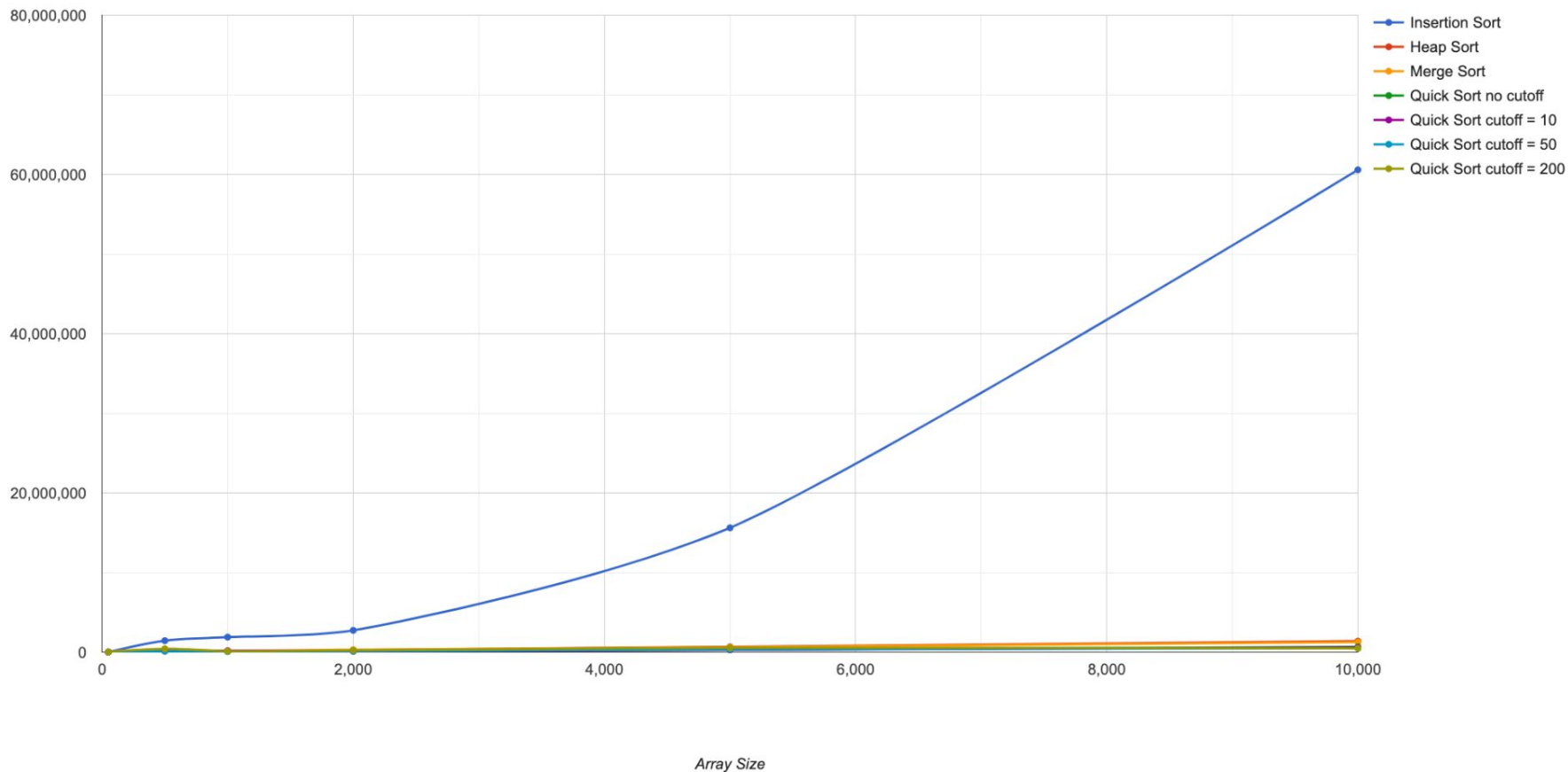


Time vs Array Size

Time (nanoseconds)



As seen in the graph, insertion sort appears to somewhat follow its average case complexity of $O(n^2)$. The rest of the curves are bunched together as they are all $O(n \log n)$ for their average case. The data may not seem perfect in relation to these complexities, but the randomness of the arrays, along with the fluctuations in the timing cause these imperfections.