

	Worst Case Comparisons	Worst Case Assignments	Worst Case Time	Best Case Time	Average Time	In Place?	Stable?
<b>Selection Sort</b>							
<b>Insertion Sort</b>							
<b>Binary Insertion Sort</b>							
<b>Merge Sort</b>							
<b>Quicksort</b>							
<b>Bucket Sort</b> ( $n$ elements, largest element is $N$ )							
<b>Radix Sort</b> ( $n$ $d$ -tuples largest element is $N$ )							