

Time taken to build the binary search trees: 2472518 milliseconds

Enter state (IL/CA) and date (yyyy-MM-dd):

IL

2000-00-00

Number of reports/accidents on and after 2000-00-00 in IL: 50657

Complexity Order:

Inserting BST: In the worst case it would be $O(n)$ because it would have to go through each element and check

Counting Nodes: The worst case would also be $O(n)$ but most likely would be $O(\log n)$ if the data was balanced

The overall time complexity is $O(n \log n)$ This is because the Java files depends on the number of lines in the CSV and the number of nodes in the tree.