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Los Angeles needs 56 counters.  
Simulation took 55 milliseconds to complete  
Orange needs 51 counters.  
Simulation took 18 milliseconds to complete  
Harris needs 25 counters.  
Simulation took 17 milliseconds to complete  
Hamilton needs 7 counters.  
Simulation took 1 milliseconds to complete  
New Castle needs 5 counters.  
Simulation took 1 milliseconds to complete
```

Order of complexity:

readToQueue method : $O(n \log n)$

processQueue: $O(n)$