

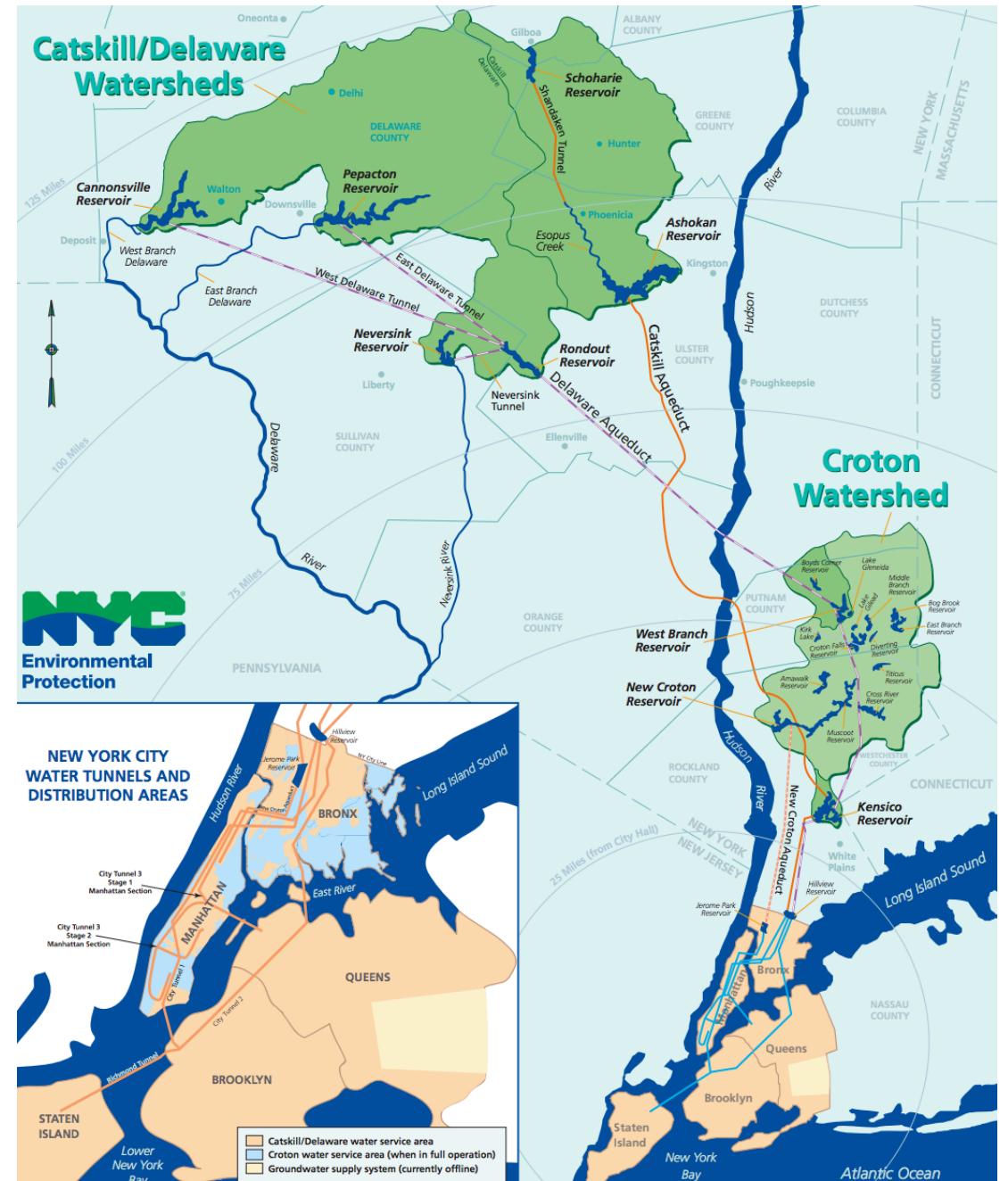
# How Clean Is New York City's Water?

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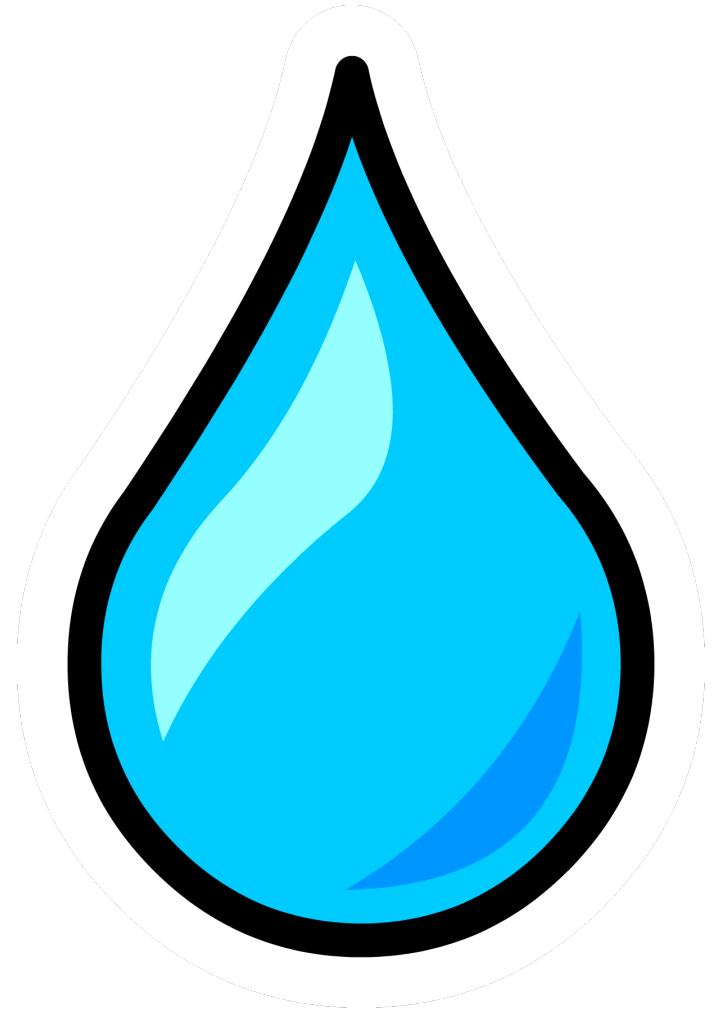
# Introduction

- New York City gets its water from 2 sources
- Disinfected with chlorine and UV light
- Treated with phosphoric acid, sodium hydroxide, and fluoride.



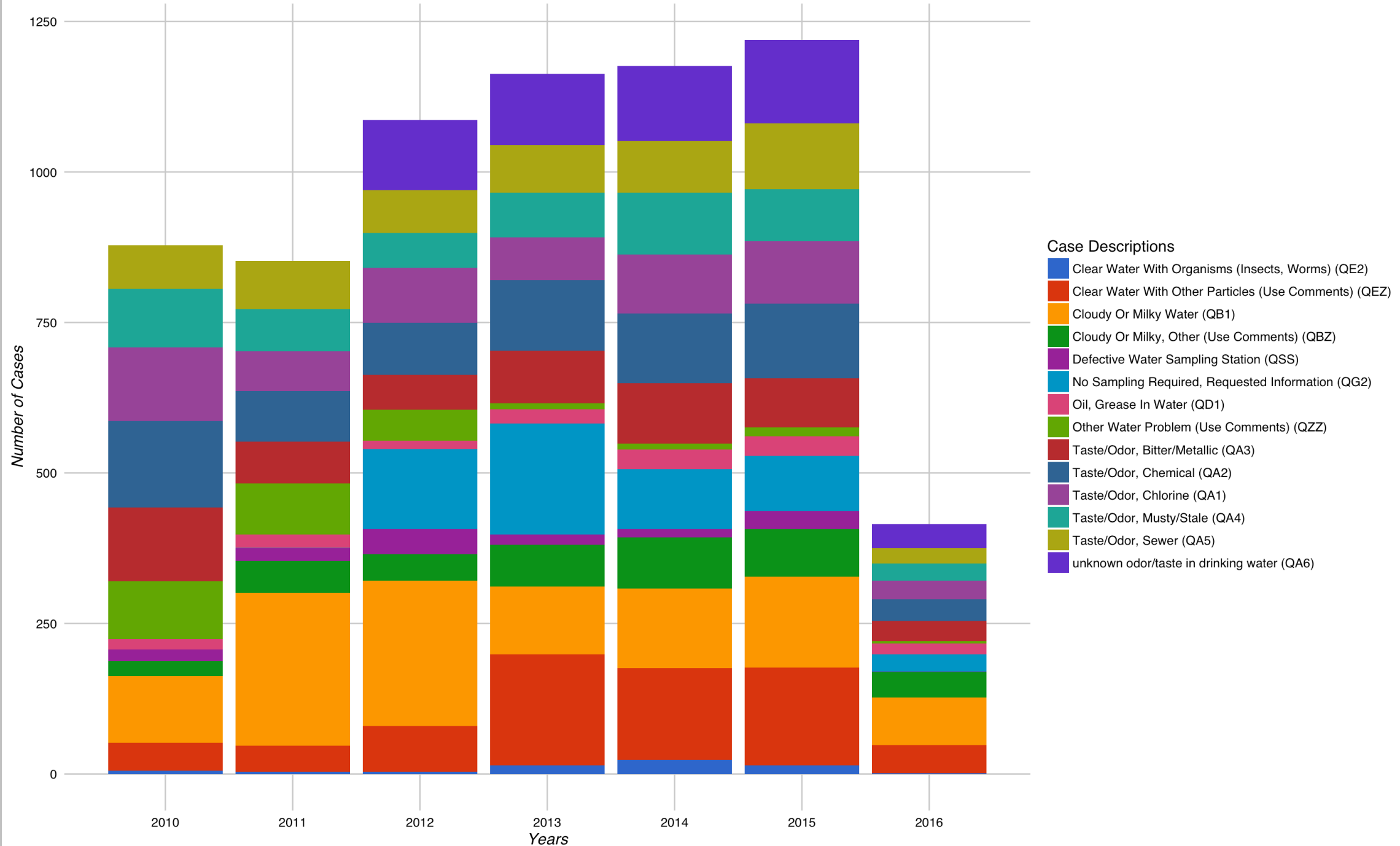
# Data Description

- From NYC Open Data
- Covers cases from 2010 to present
- 6886 filed complaints of water quality
- 6792 closed cases
- 3 omitted cases due to clerical error



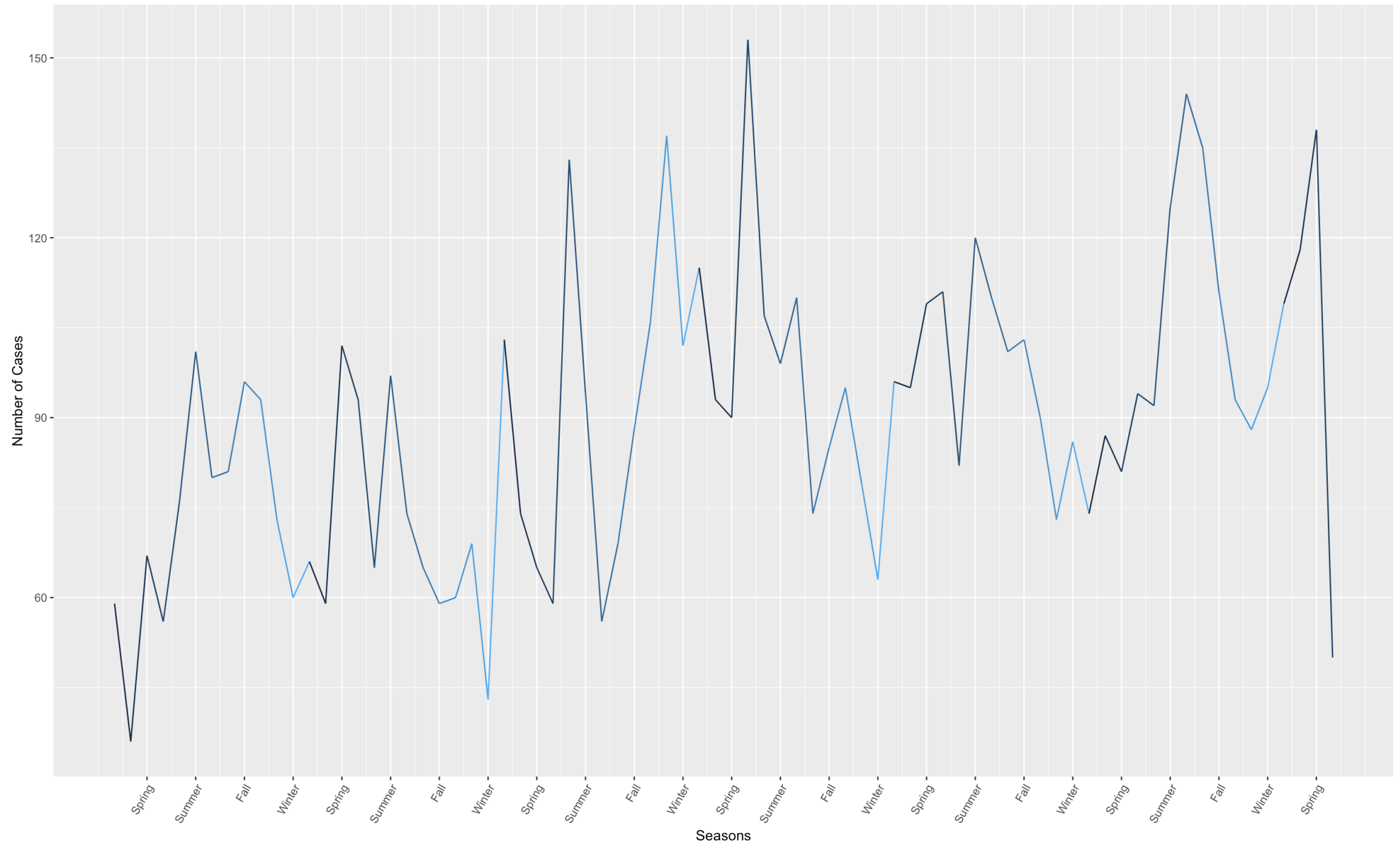
How many cases occur each year?

Type Of Cases Per Year



Do the number of cases vary with season?

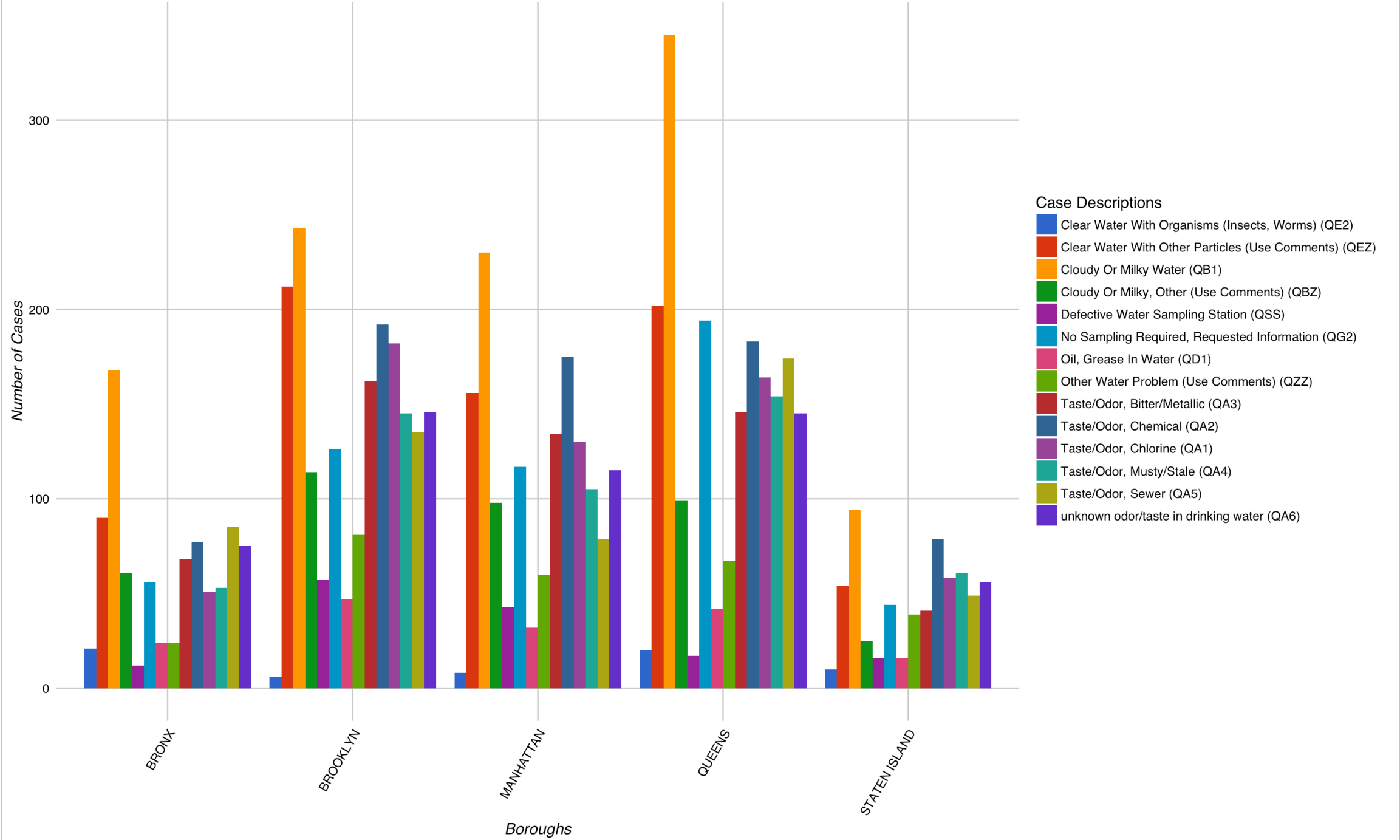
Number Of Cases Over Time



Does water quality differ with location?

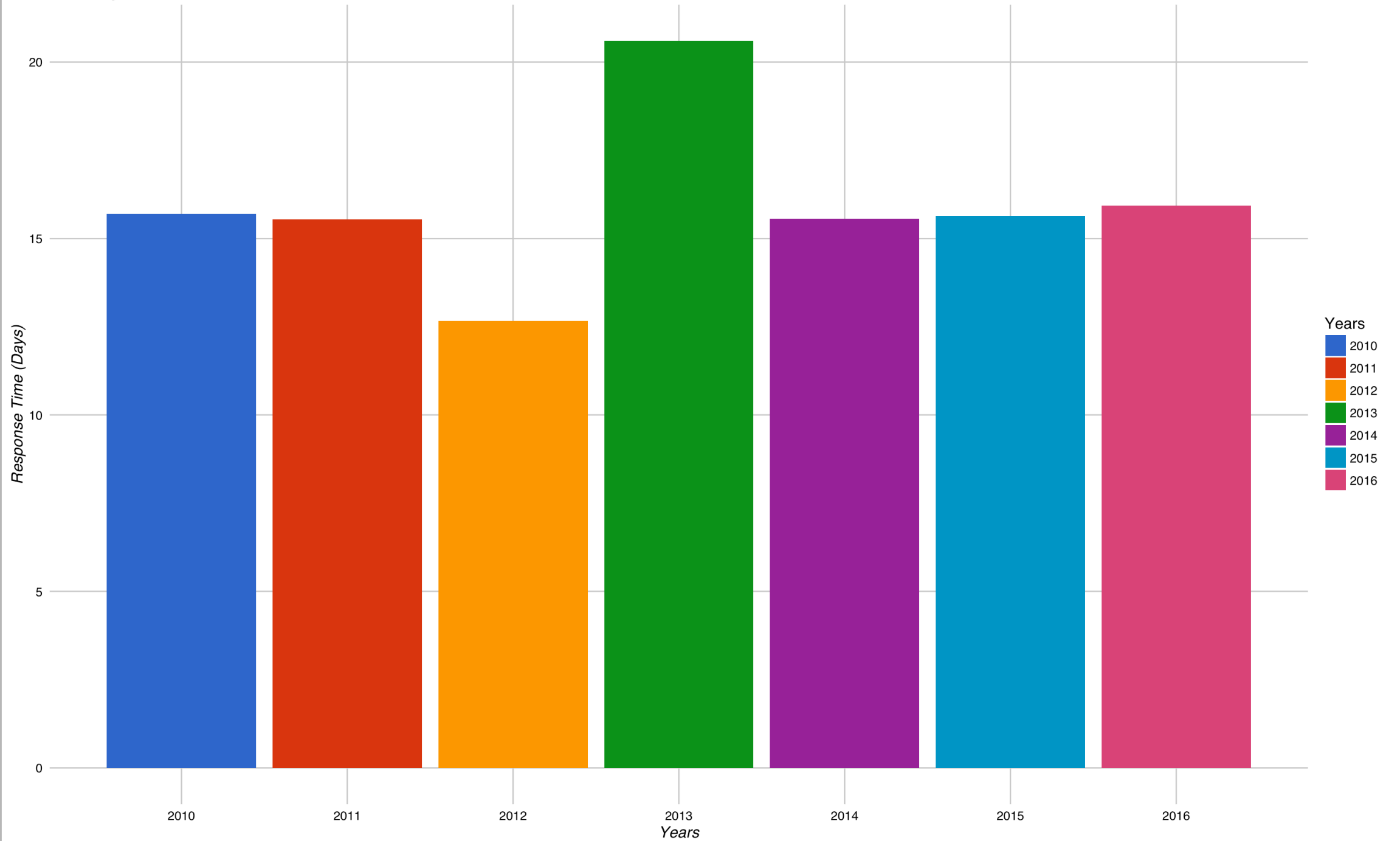


Type Of Cases Per Borough



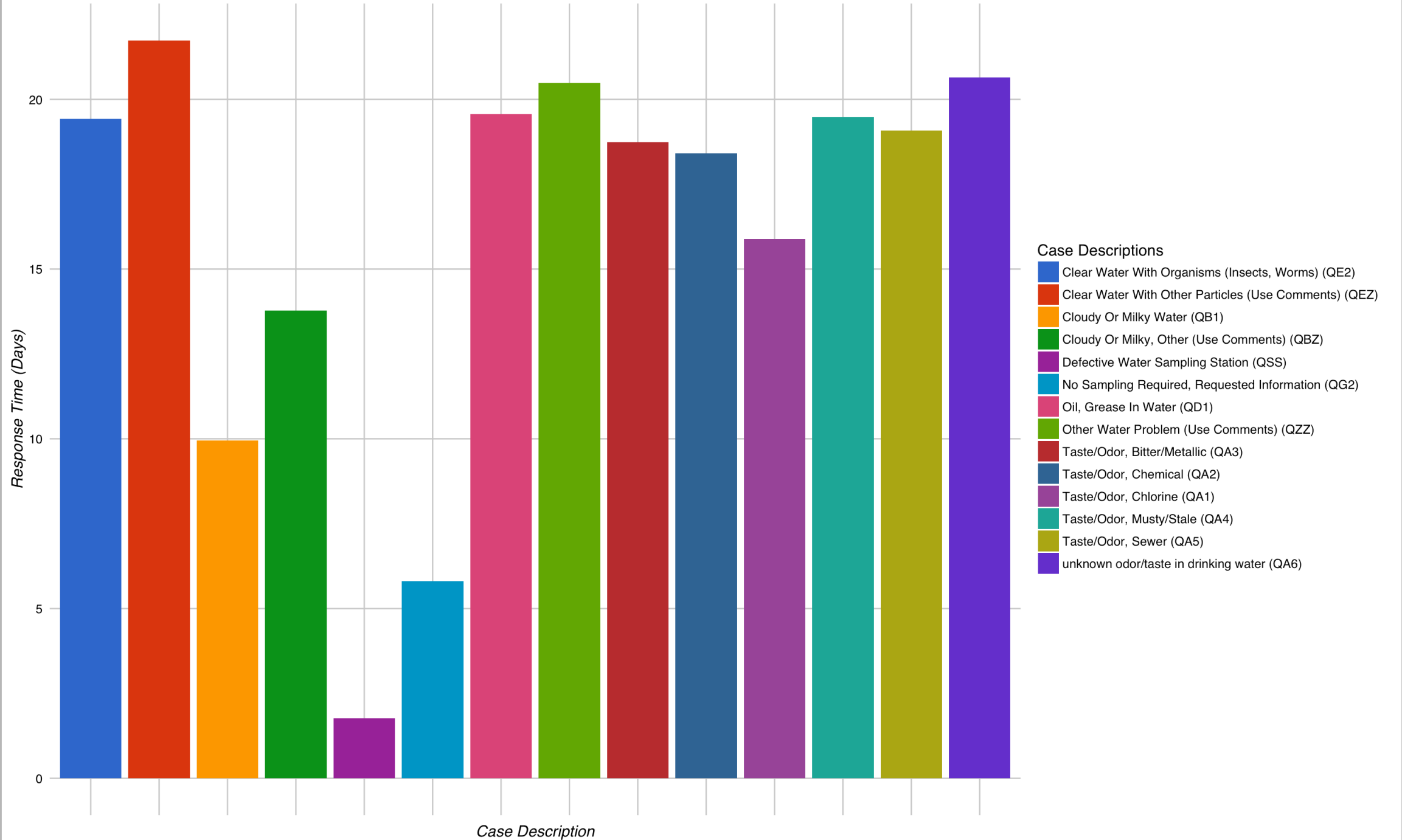
How fast are cases resolved?

Average Response Time Per Year



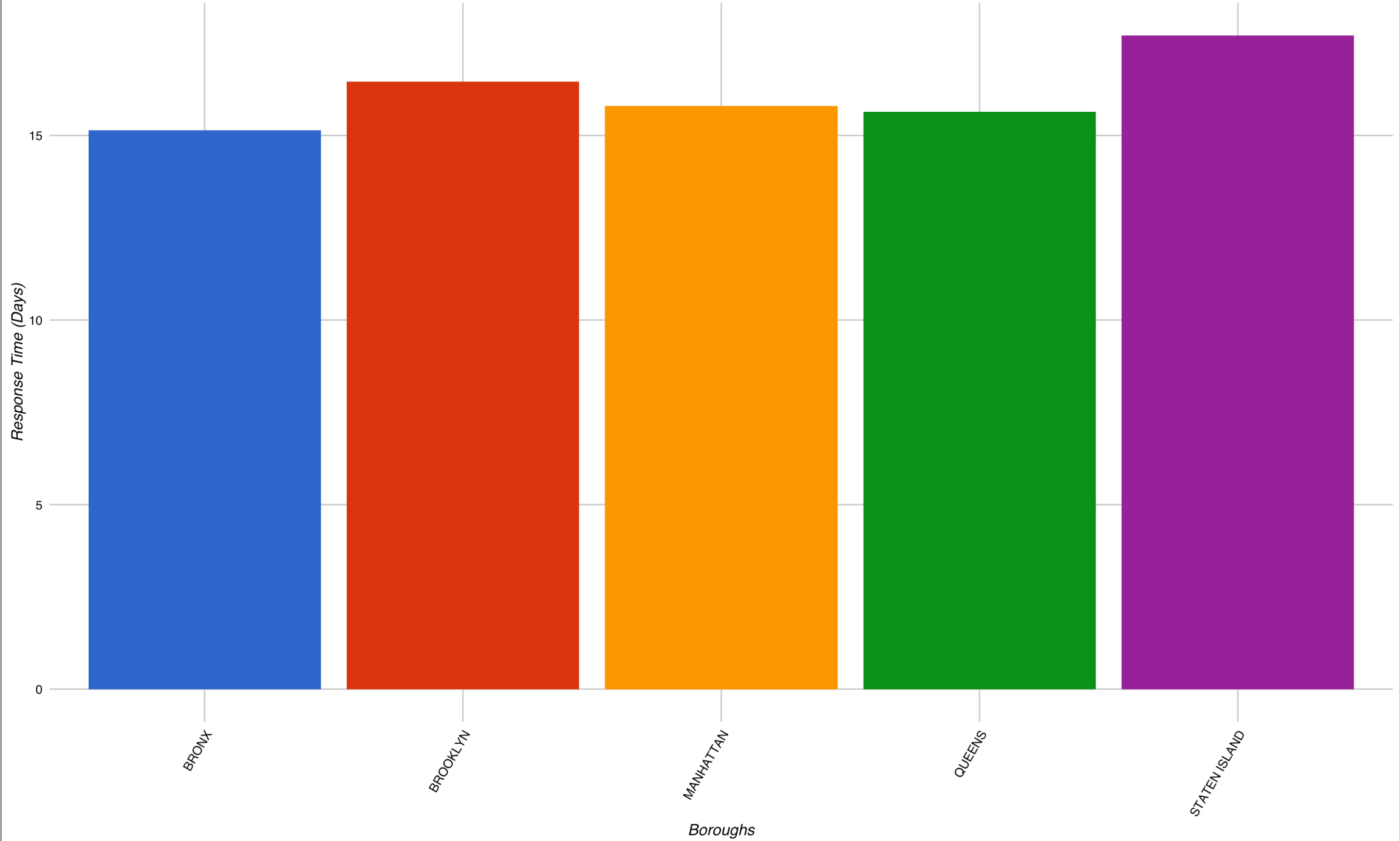
Does the type of complaint affect resolution time?

Average Response Time Per Case Type



Are cases resolved faster in  
different locations?

Average Response Time Per Borough



Final Thoughts



# Conclusions

- Staten Island has the least amount of water complaints
- Most water complaints are due to taste and odor
- Complaints do not vary with seasons
- Average response time for most cases is over 10 days
- Response time does not improve with time