

ECON 470 Homework 2

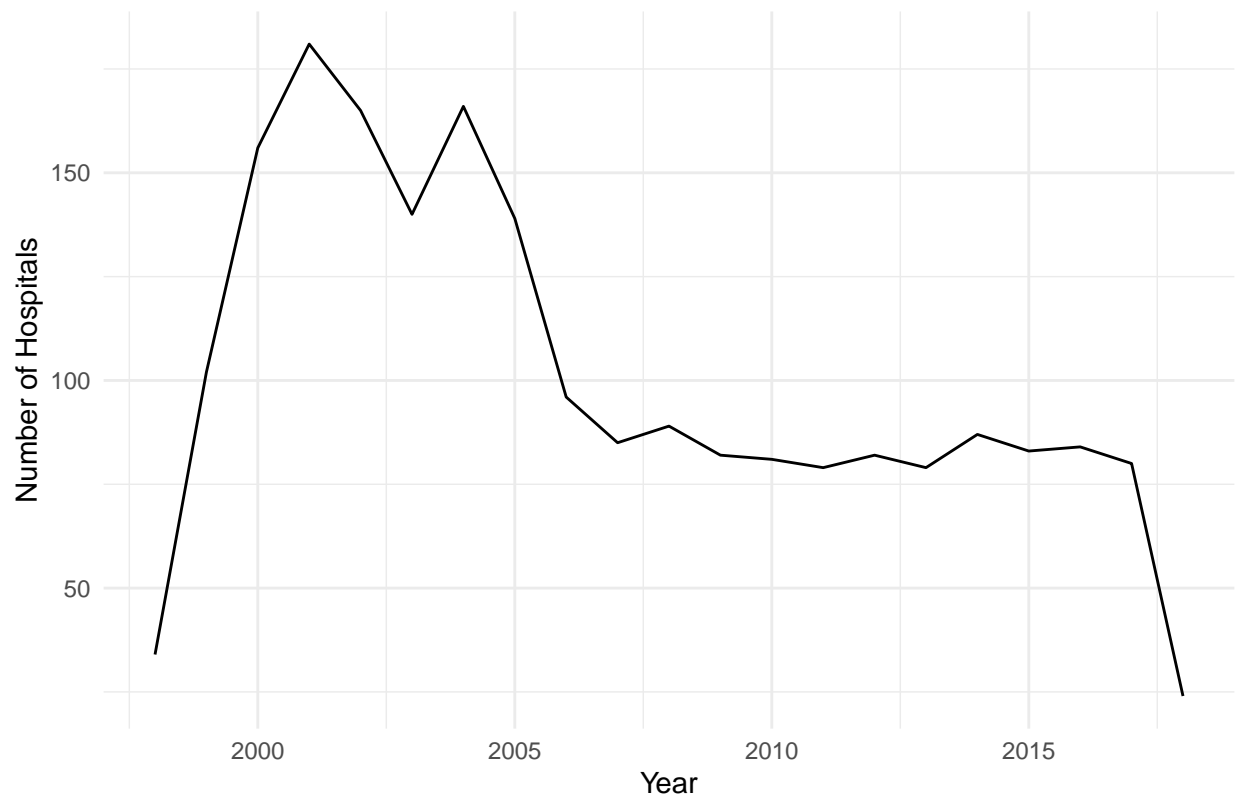
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Question 1

2,114 hospitals filed more than one report in the same year, from 1997 to 2018.

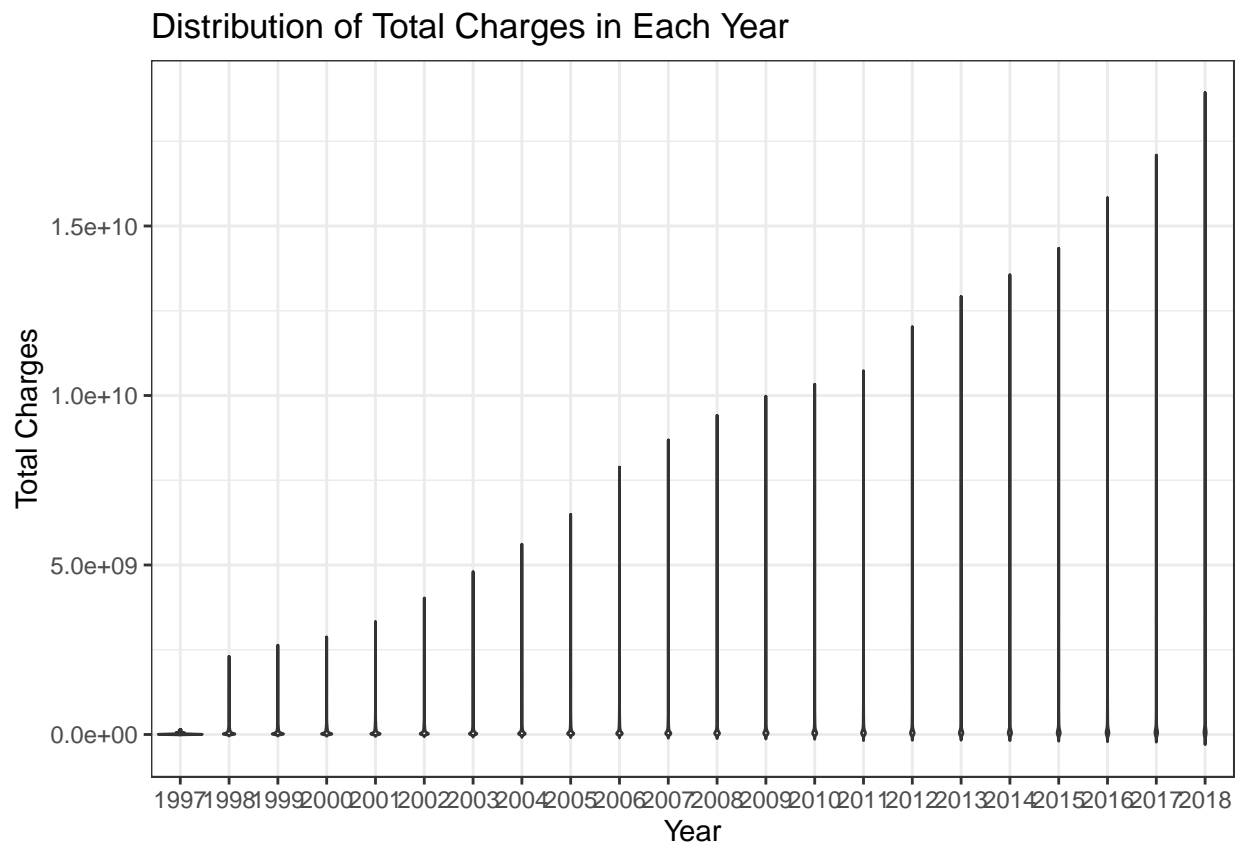
Hospitals with 2+ Filed Reports in One Year



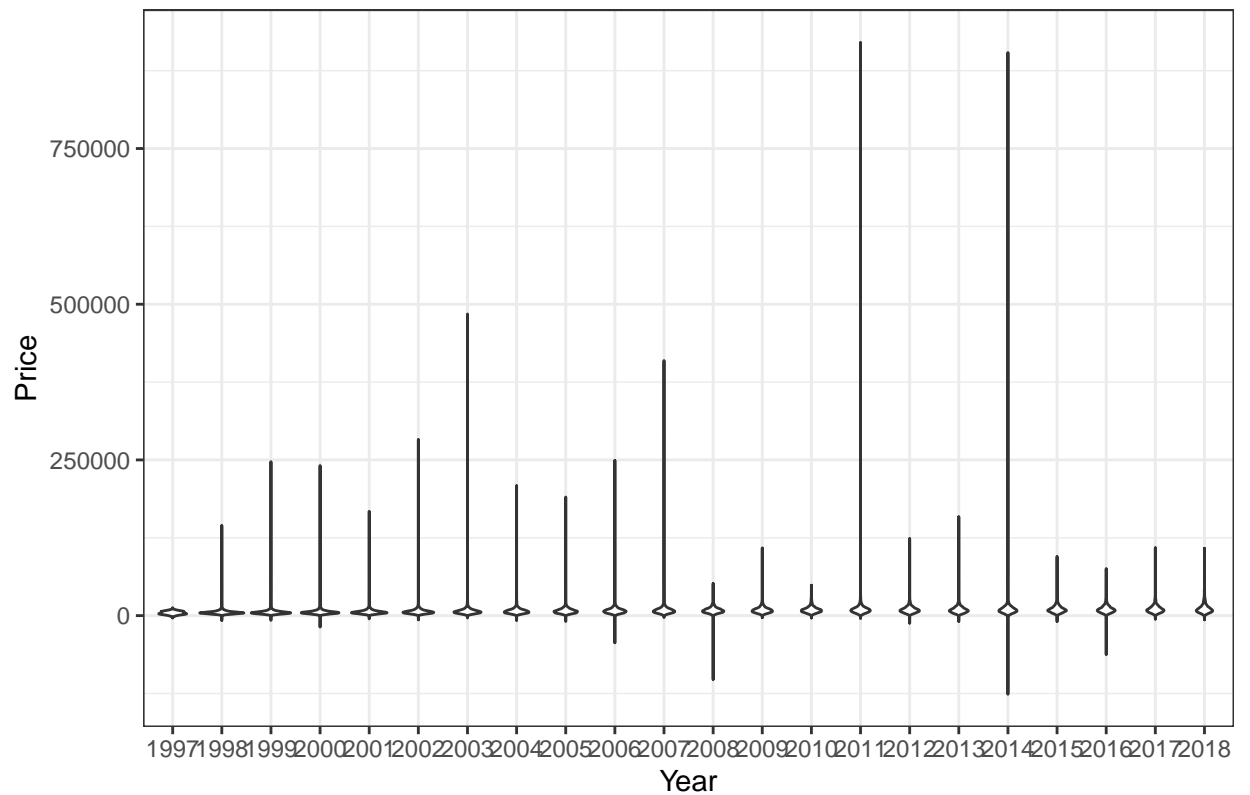
Question 2

The total number of unique hospital IDs in the dataset is 9323.

Question 3



Distribution of Estimated Prices in Each Year



Question 4

Question 5

```
## # A tibble: 2 x 2
##   penalty price
##   <dbl> <dbl>
## 1      0 9752.
## 2      1 10235.
```

Question 6

```
## # A tibble: 8 x 3
## # Groups:   quartile [4]
##   quartile penalty avg_price
##   <int> <dbl> <dbl>
## 1      1      0      NaN
## 2      1      1      NaN
## 3      2      0  10032.
## 4      2      1   6680.
## 5      3      0   8004.
## 6      3      1  10079.
## 7      4      0  11076.
## 8      4      1  11264.
```