Question 8

Question: Given the list of billable from question 7, calculate the number of records that will be billed in each month (assuming records are billed once a year on their `'Date In'` anniversary.

```
In [84]:    1  import matplotlib, matplotlib.pyplot as plt
            2  import seaborn as sns
            3
            4  %matplotlib inline
            5  %config InlineBackend.figure_format = 'retina'
```

```
In [85]:    1  billable = all_tissue[all_tissue['Billable'] == 1]
```

```
In [86]:    1  def monthly_bill_count(month_num):
            2      return len(billable[billable['Date_In_num'] == month_num])
            3
```

```
In [87]:    1  x = ['JAN',
            2       'FEB',
            3       'MAR',
            4       'APR',
            5       'MAY',
            6       'JUNE',
            7       'JULY',
            8       'AUG',
            9       'SEP',
           10       'OCT',
           11       'NOV',
           12       'DEC',
           13       'Unknown']
           14
           15  y = [monthly_bill_count(1),
           16       monthly_bill_count(2),
           17       monthly_bill_count(3),
           18       monthly_bill_count(4),
           19       monthly_bill_count(5),
           20       monthly_bill_count(6),
           21       monthly_bill_count(7),
           22       monthly_bill_count(8),
           23       monthly_bill_count(9),
           24       monthly_bill_count(10),
           25       monthly_bill_count(11),
           26       monthly_bill_count(12),
           27       monthly_bill_count('?')]
           28
```