In [81]:

```
import pandas as pd
import numpy as np
import matplotlib as plt
%matplotlib inline
```

In [82]:

```
WHO_df = pd.read_csv("xmart.csv")
```

In [83]:

```
print WHO_df.head()
```

```
                               Indicator; Age Group  2013; Female  \
0  nMx - age-specific death rate between ages x a...      0.005325
1  nMx - age-specific death rate between ages x a...      0.000226
2  nMx - age-specific death rate between ages x a...      0.000107
3  nMx - age-specific death rate between ages x a...      0.000123
4  nMx - age-specific death rate between ages x a...      0.000313

   2013; Male  2012; Female  2012; Male  2000; Female  2000; Male  \
0    0.006437      0.005527    0.006639      0.006437    0.007754
1    0.000302      0.000226    0.000301      0.000302    0.000403
2    0.000128      0.000109    0.000131      0.000140    0.000176
3    0.000175      0.000125    0.000177      0.000161    0.000243
4    0.000767      0.000318    0.000782      0.000393    0.000933

   1990; Female  1990; Male
0      0.008363    0.010498
1      0.000429    0.000531
2      0.000185    0.000256
3      0.000202    0.000316
4      0.000464    0.001273
```

In [84]:

```
Age=[]
measure = []
for instance in WHO_df['Indicator; Age Group']:
    Age.append(instance.split(';')[-1])
    measure.append(instance.split('-')[0])
WHO_df['Age Group'] = Age
WHO_df['Indicator'] = measure
```

In [85]:

```
WHO_df.drop(['Indicator; Age Group'],axis=1,inplace=True)
```

In [86]:

```
WHO_df.head()
```

Out[86]:

	2013; Female	2013; Male	2012; Female	2012; Male	2000; Female	2000; Male	1990; Female	1990 Male
0	0.005325	0.006437	0.005527	0.006639	0.006437	0.007754	0.008363	0.01(
1	0.000226	0.000302	0.000226	0.000301	0.000302	0.000403	0.000429	0.000
2	0.000107	0.000128	0.000109	0.000131	0.000140	0.000176	0.000185	0.000
3	0.000123	0.000175	0.000125	0.000177	0.000161	0.000243	0.000202	0.000
4	0.000313	0.000767	0.000318	0.000782	0.000393	0.000933	0.000464	0.001

In [87]:

```
WHO_df.to_csv('WHO_data.csv')
```

In [88]:

```
print "Getting Number of people lived above a age threshold"
req_df=WHO_df.where(WHO_df['Indicator']=='Tx ').dropna()
```

```
Getting Number of people lived above a age threshold
```

In [89]:

```
req_df.to_csv('Life Expectation.csv')
```

In [90]:

```
req_df.keys()
```

Out[90]:

```
Index([u'2013; Female', u'2013; Male', u'2012; Female', u'2012; Mal
e',
       u'2000; Female', u'2000; Male', u'1990; Female', u'1990; Mal
e',
       u'Age Group', u'Indicator'],
      dtype='object')
```

In [91]:

```
print "Getting Number of people lived above a age threshold"
req_df=WHO_df.where(WHO_df['Indicator']=='ex ').dropna()
```

```
Getting Number of people lived above a age threshold
```

In [92]:

```
req_df.to_csv('Exp Life.csv')
```

In [93]:

```
print "Getting Death Rate above a age threshold"
req_df=WHO_df.where(WHO_df['Indicator']=='nMx ').dropna()
req_df.to_csv('Death Rate.csv')
```

```
Getting Death Rate above a age threshold
```

In [ ]:

```

```