

```
In [1]: from IPython.display import Image
```

```
In [ ]:
```

```
In [2]: filenames = {
    'q1': [
        "Difference in Percentage of Girls Out of School and Percentage of
        "Actual Fertility Rates and Wanted Fertility Rates, with Girls' Sch
        "Girls' Schooling and the Difference Between Actual and Wanted Fert
        "Girls' Schooling and Contraception Use, With Fertility Rate.png",
        "Contraceptive Prevalence and Actual versus Wanted Fertility Rates.
    ],
    'q2': [
        "World-Wide Sources of Electricity Production.png",
        "Percentage of World-Wide Electricity Coming From Renewable Sources
        "Zoomed_Out Percentage of World-Wide Electricity Coming from Renewa
    ],
    'q3': [
        "Income Inequality in the United States and World-Wide.png",
        "United States Income Share by Quintile Over Time.png",
    ]
}
```

```
In [3]: def show_img(q, subpart):
    return Image(filename=filenames[q][subpart])
```

```
In [ ]:
```

Data Source

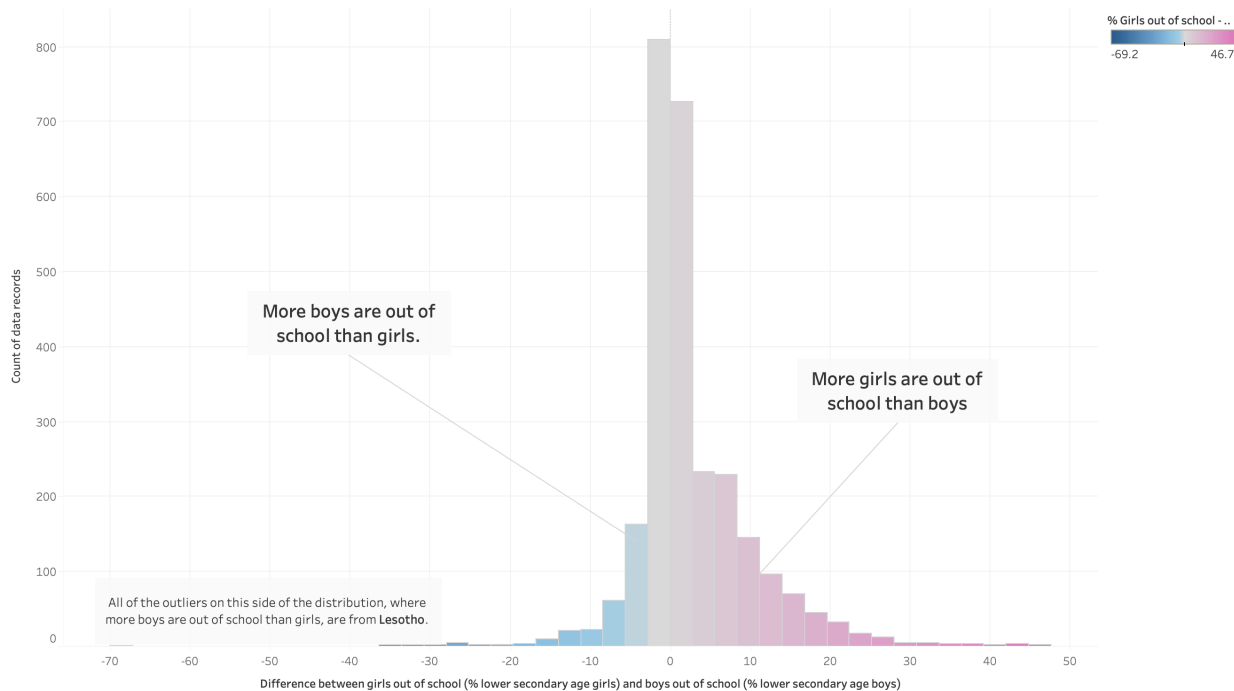
I considered the World Bank Data, available from <https://github.com/ZeningQu/World-Bank-Data-by-Indicators> (<https://github.com/ZeningQu/World-Bank-Data-by-Indicators>), which contains data for many countries and regions spanning 1960 - 2017. I specifically focused on their climate change, education, gender, and poverty statistics.

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In [ ]:
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Question 1: How do rates' in girls' education impact fertility rates and contraception use?

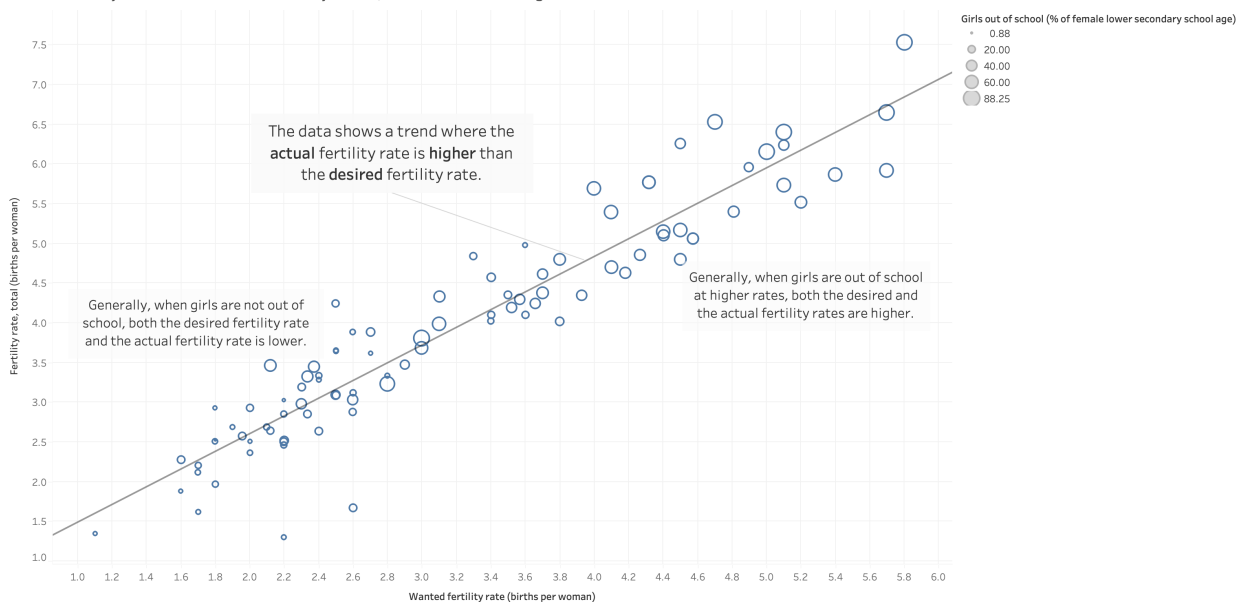
```
In [14]: show_img('q1', 0)
```

Out[14]: Difference in Percentage of Girls Out of School and Percentage of Boys Out of School



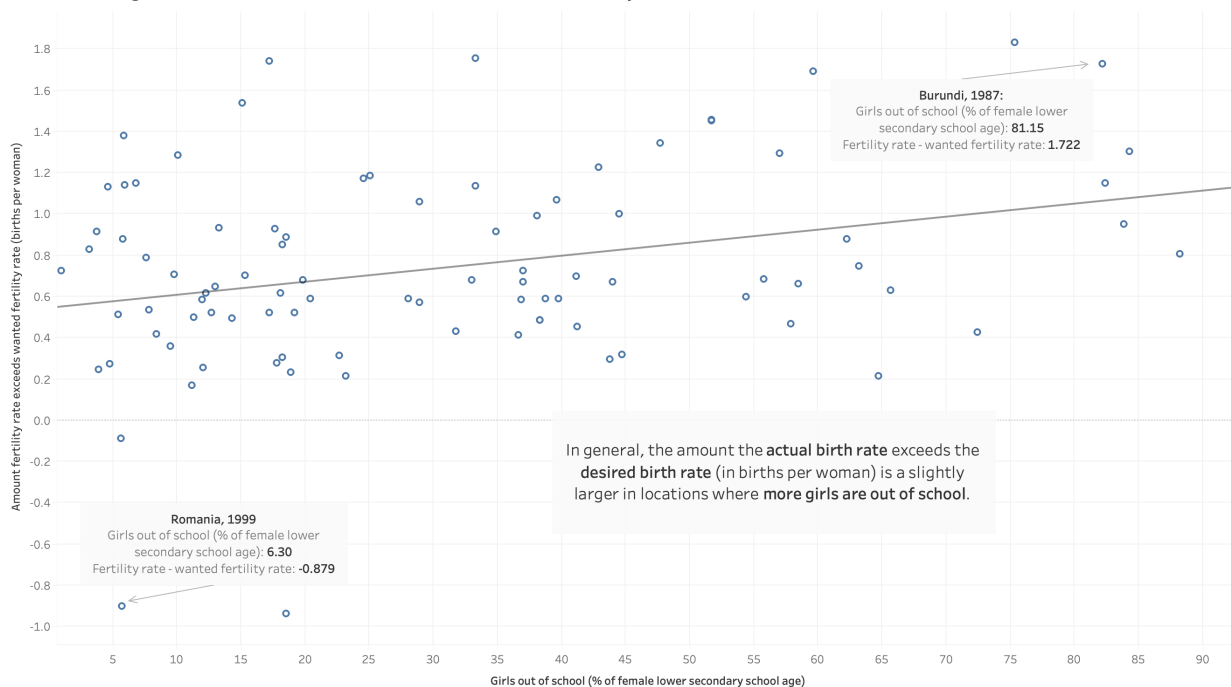
```
In [5]: show_img('q1', 1)
```

Out[5]: Actual Fertility Rates and Wanted Fertility Rates, with Girls' Schooling



In [6]: `show_img('q1', 2)`

Out[6]: Girls' Schooling and the Difference Between Actual and Wanted Fertility Rates



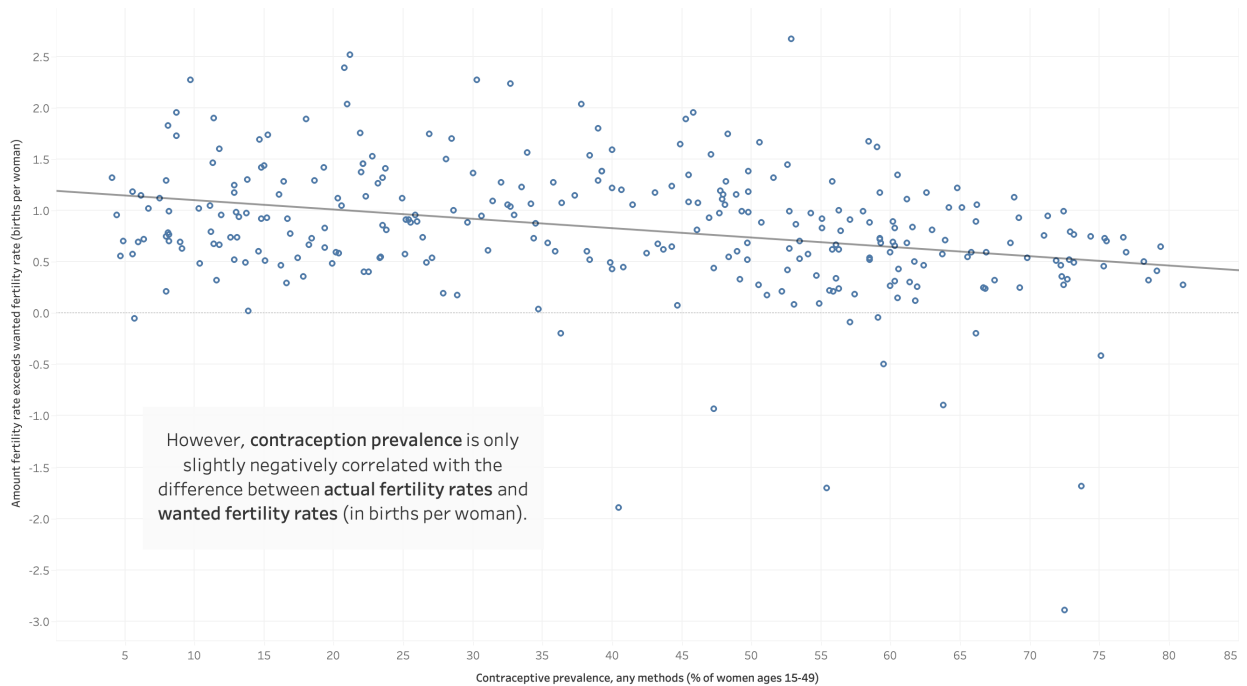
In [7]: `show_img('q1', 3)`

Out[7]: Girls' Schooling and Contraception Use, With Fertility Rate



```
In [8]: show_img('q1', 4)
```

Out[8]: Contraceptive Prevalence and Actual versus Wanted Fertility Rates

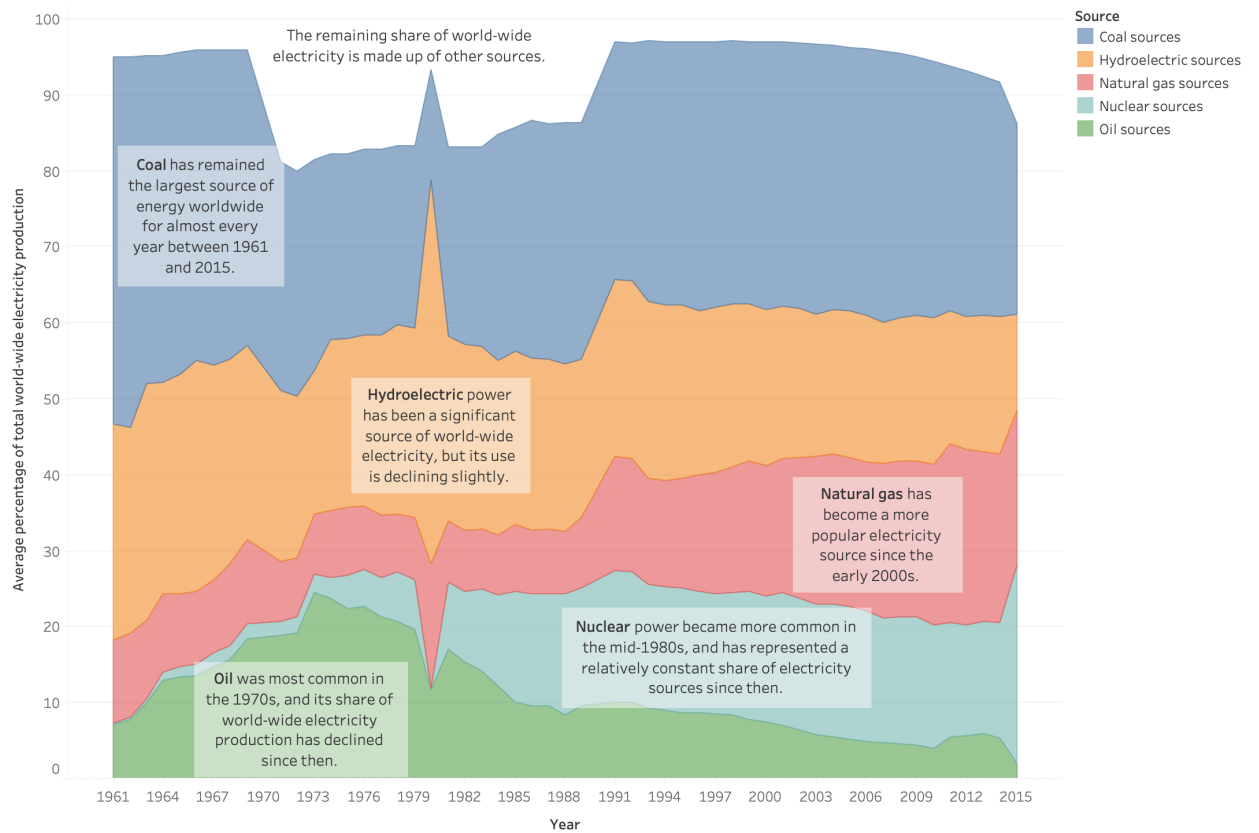


```
In [ ]:
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Question 2: How have world-wide energy sources changed over time? Are they becoming more sustainable?

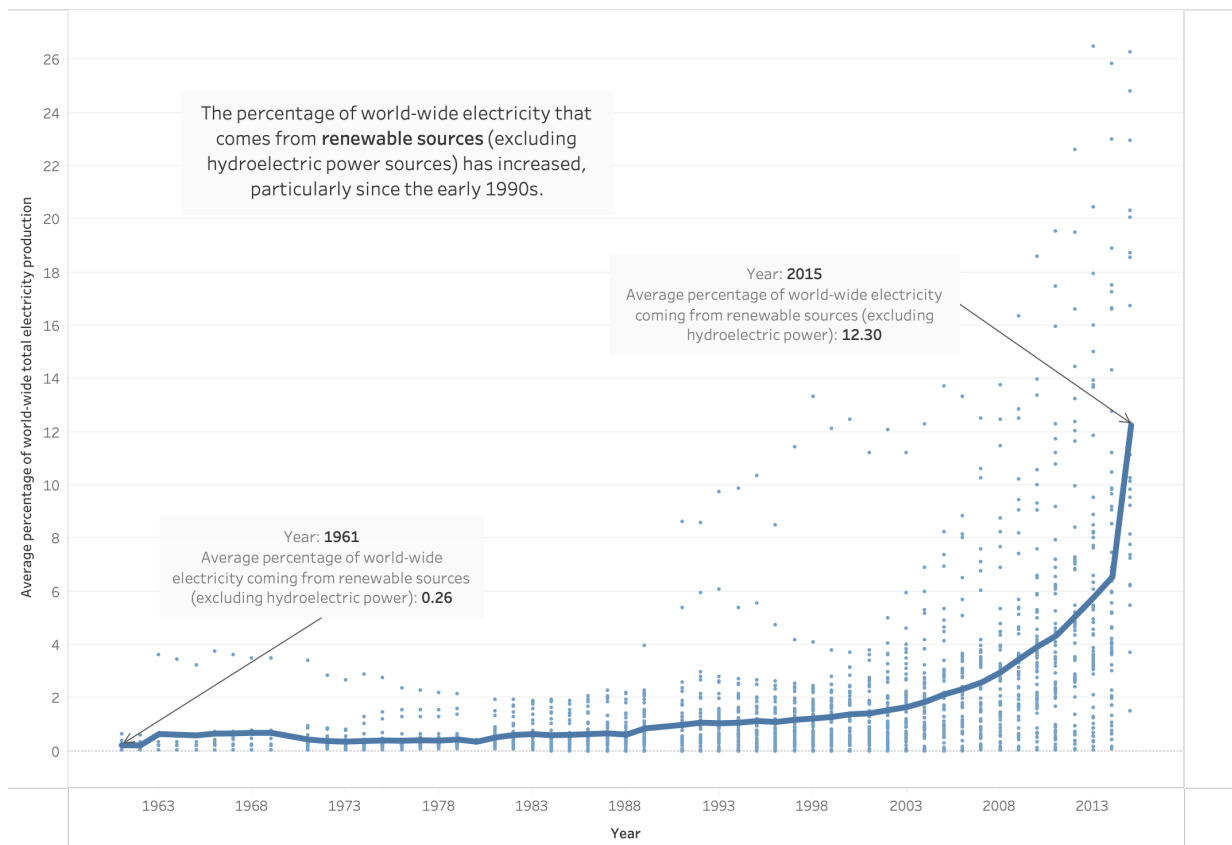
```
In [9]: show_img('q2', 0)
```

Out[9]: World-Wide Sources of Electricity Production



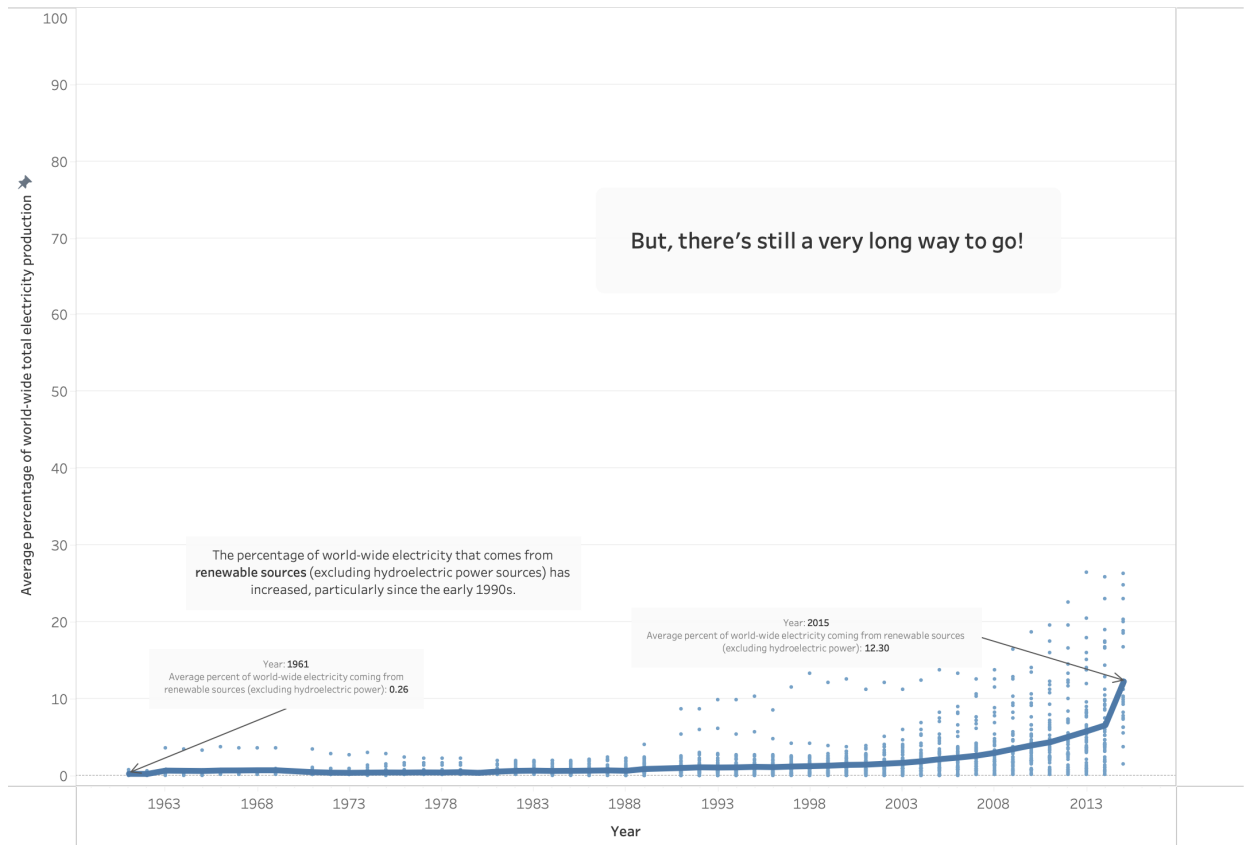
```
In [10]: show_img('q2', 1)
```

Out[10]: Percentage of World-Wide Electricity Coming from Renewable Sources (excluding hydroelectric power)



```
In [11]: show_img('q2', 2)
```

```
Out[11]: Percentage of World-Wide Electricity Coming From Renewable Sources (excluding hydroelectric power)
```



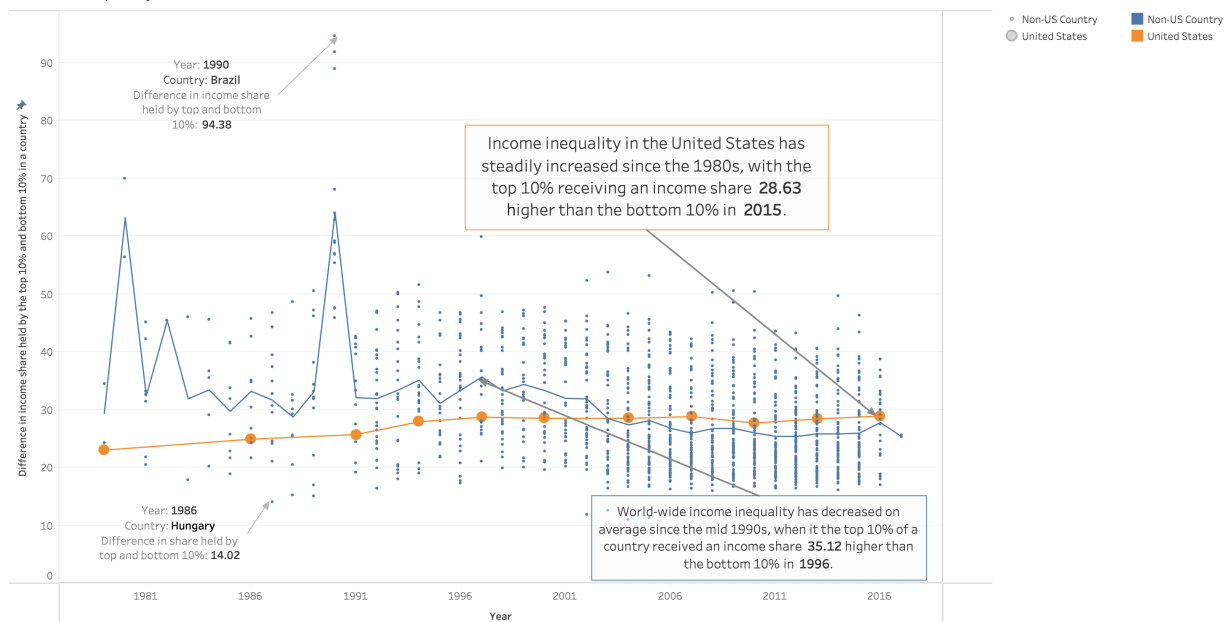
```
In [ ]:
```

Question 3: How has the income gap worsened

(or improved) over time, and how does the rest of the world compare to the United States?

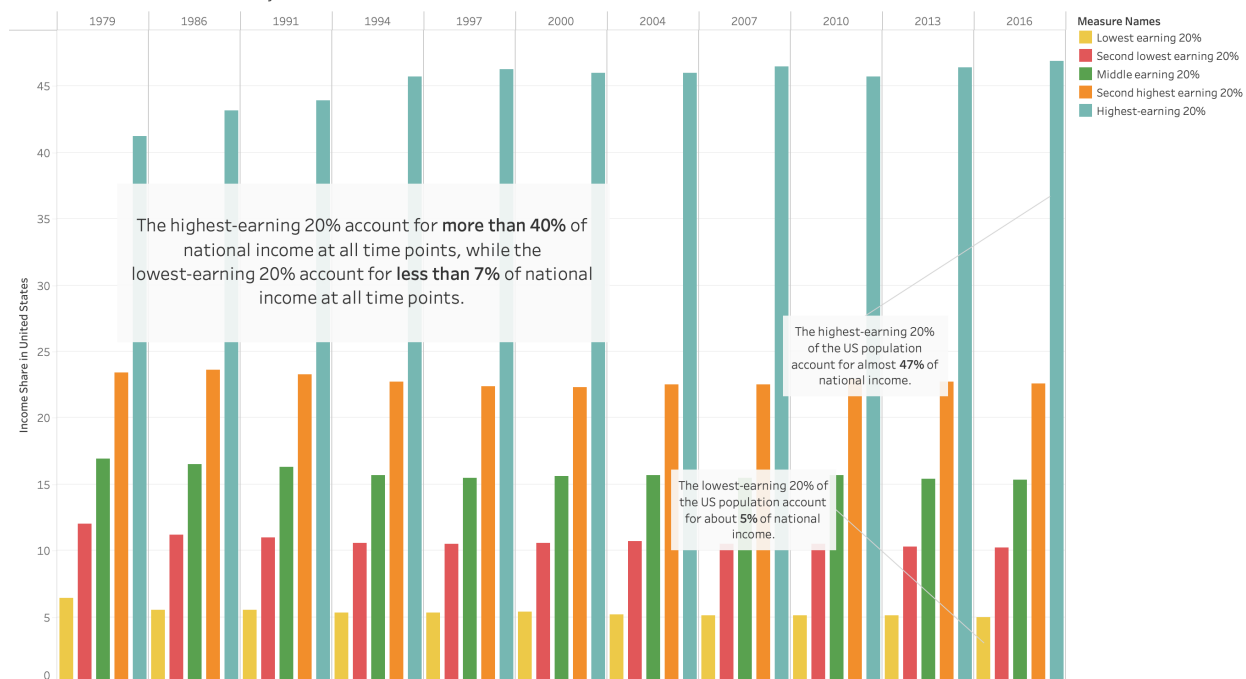
```
In [12]: show_img('q3', 0)
```

Out[12]: Income Inequality in the United States and World-Wide



```
In [13]: show_img('q3', 1)
```

Out[13]: United States Income Share by Quintile Over Time



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