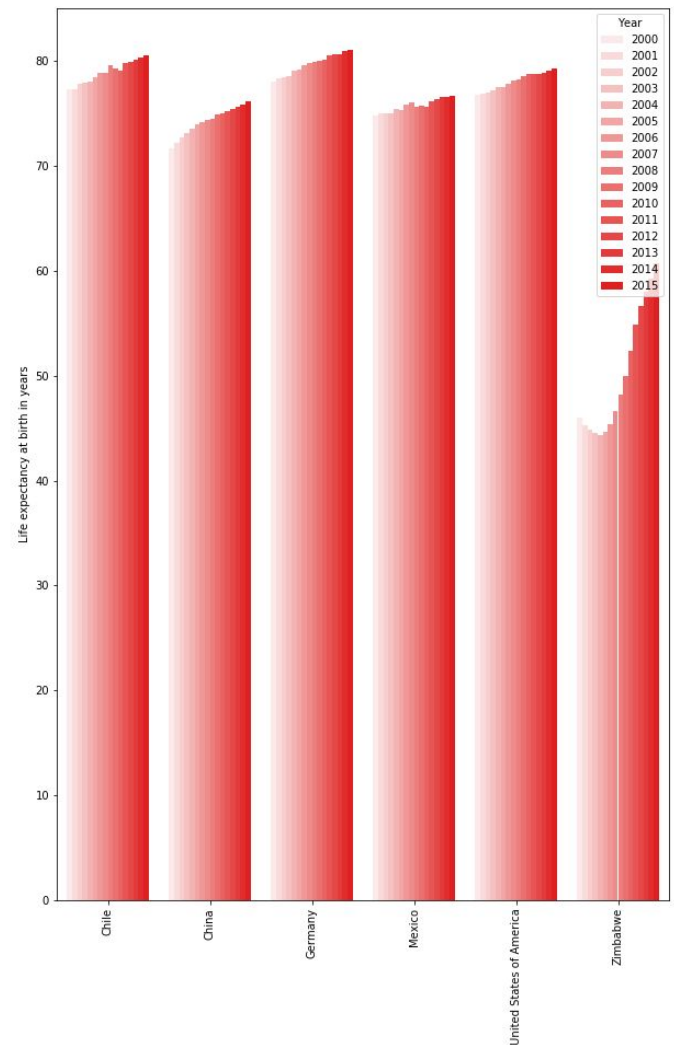


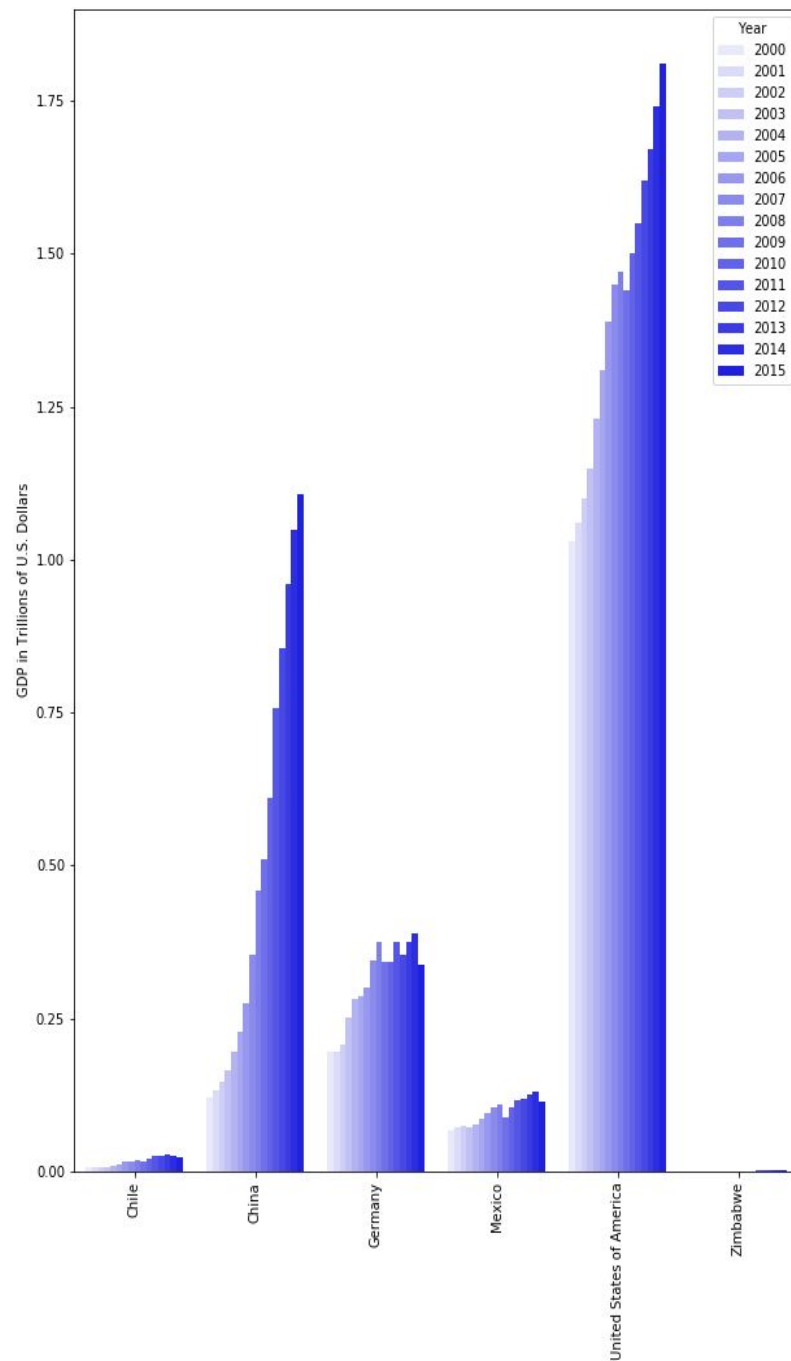
Your Country and You: A Comparison Between Life Expectancy and Country GDP

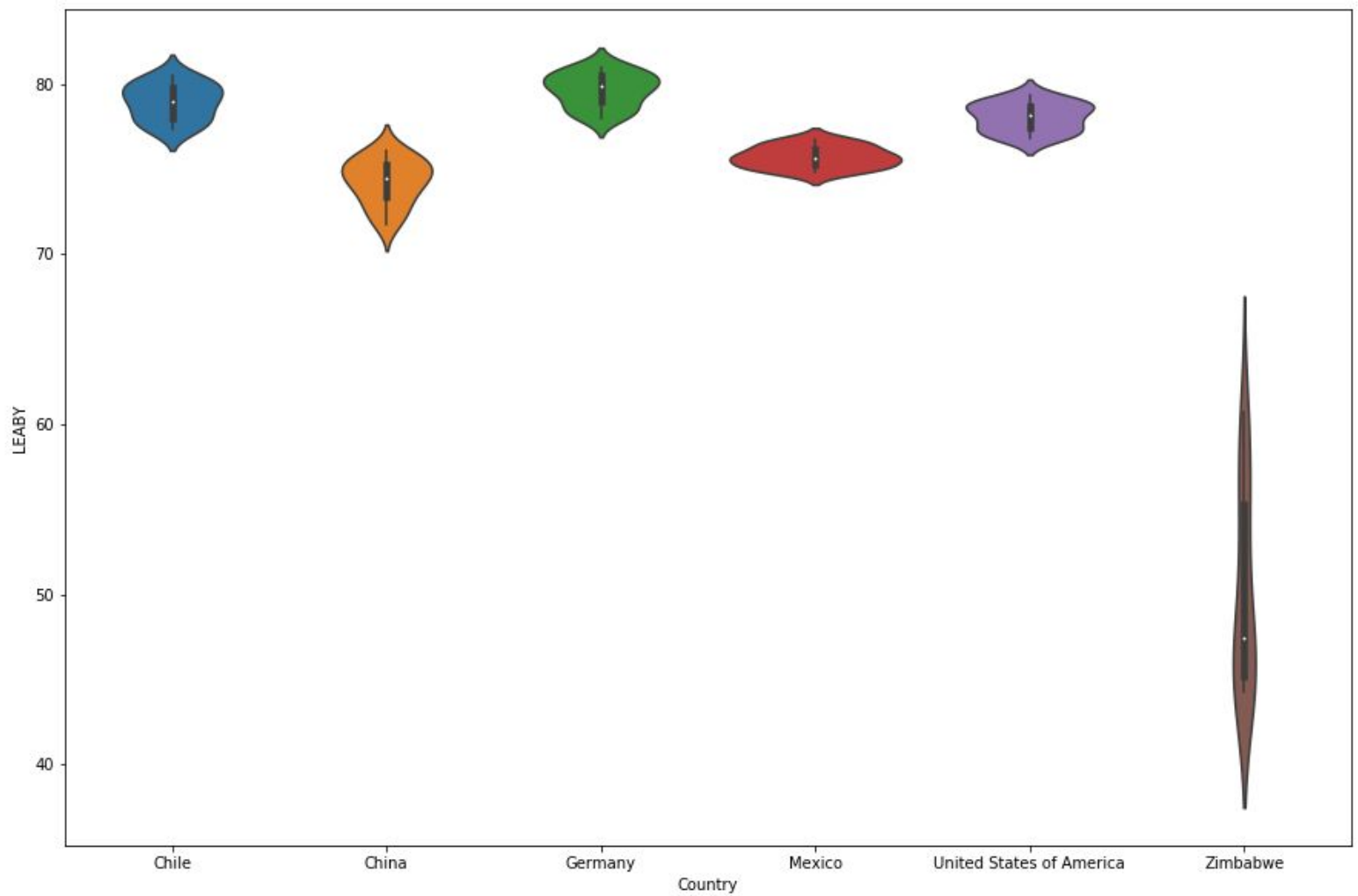
We are going to provide a brief overview of the relationship between GDP and Life Expectancy for six countries (Chile, China, U.S., Germany, Mexico, and Zimbabwe) from the years 2000-2015 using multiple different graphing styles. This data was collected by the World Bank, OECD National Accounts and the World Health Organization.

This bar graph shows the Life Expectancy at Birth in Years for each country. You can see that the largest change is in Zimbabwe. From 2008 to 2015 most of these countries experienced greatest growth.

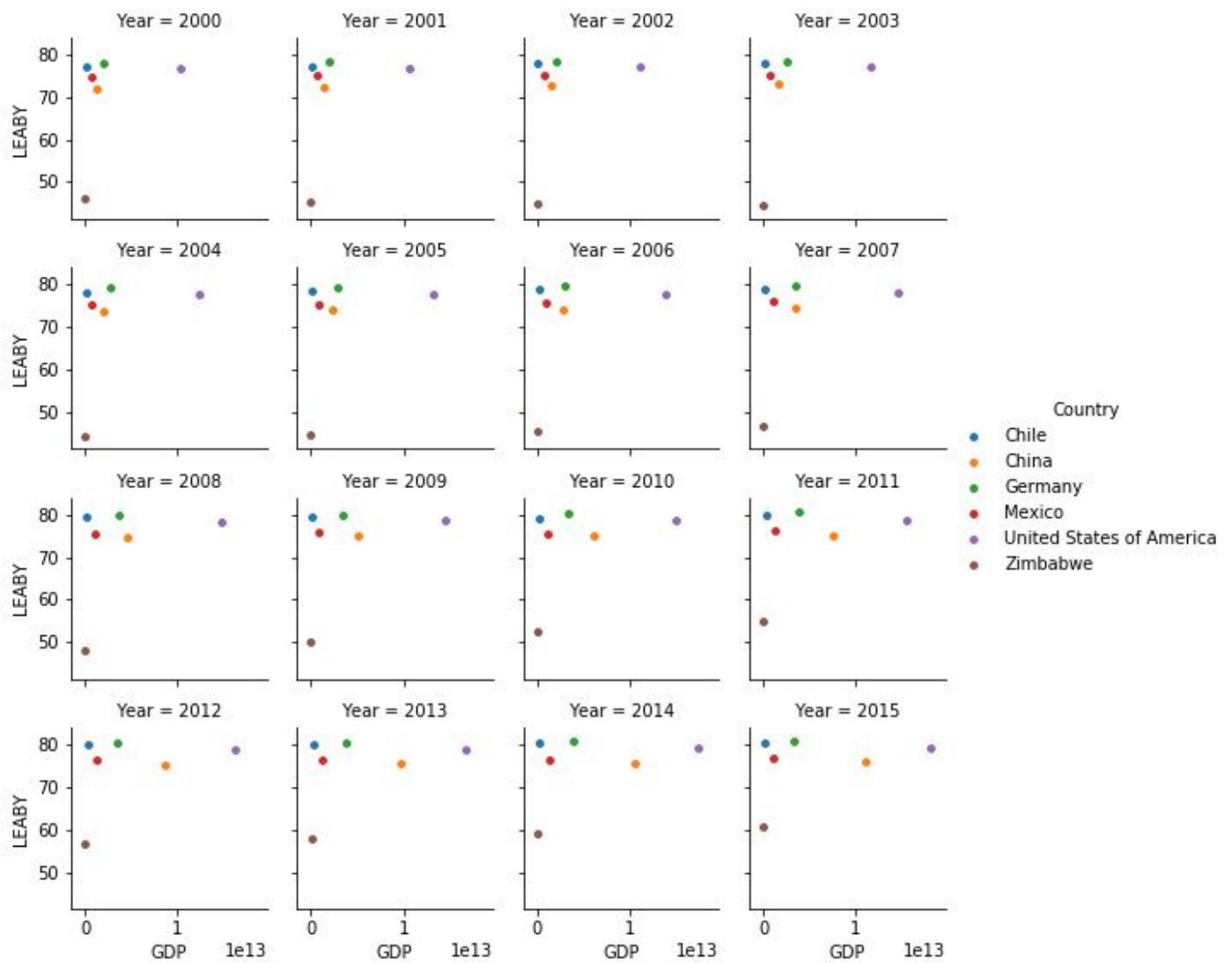


This bar graph shows the GDP for the years 2000 to 2015 for each country. The US and China show the largest changes in GDP in comparison to the other countries, but all countries show similar increases in LEABY As GDP increases, LEABY also tends to increase. However, Zimbabwe's LEABY increased despite a lack of GDP increase, contradicting the relationship of GDP to LEABY I would think that the evolution of technology and foreign policies would play a role in Zimbabwe's data.

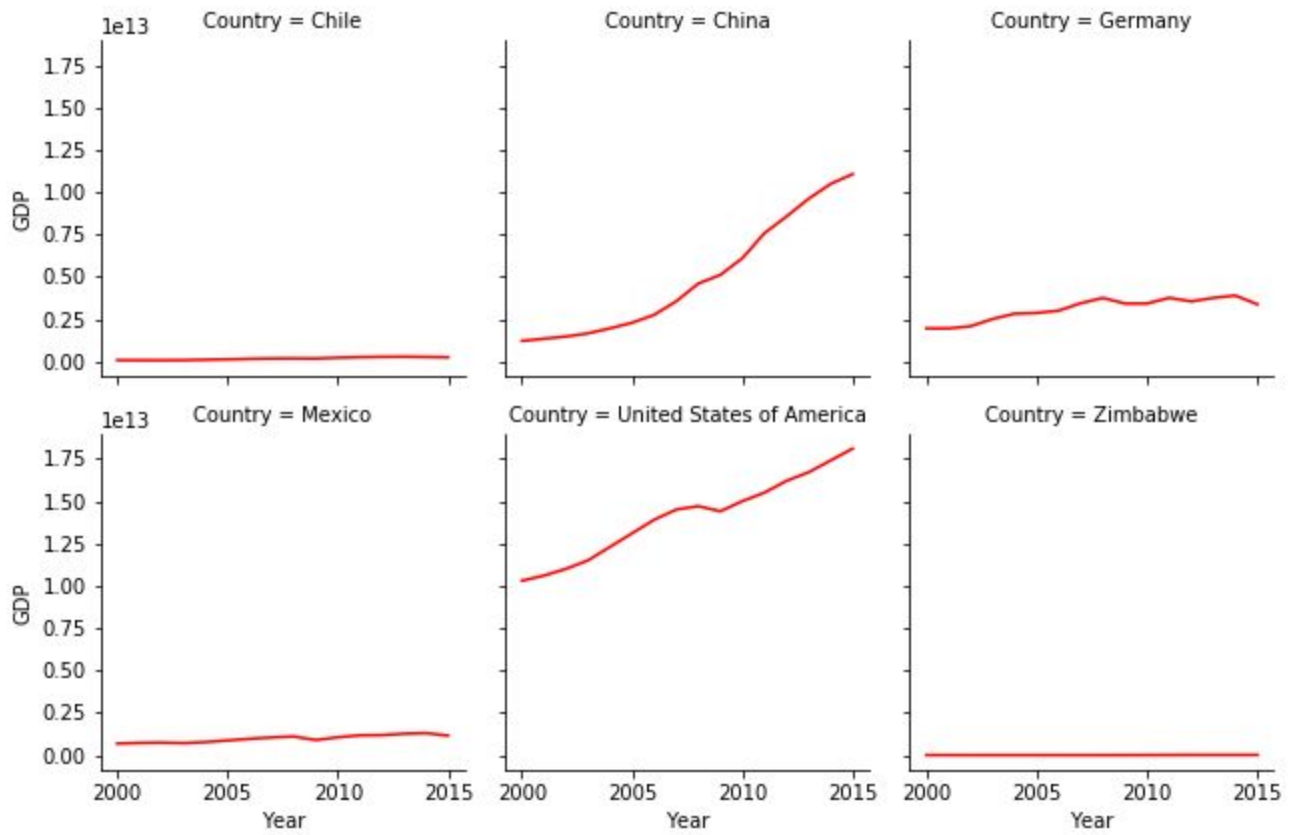




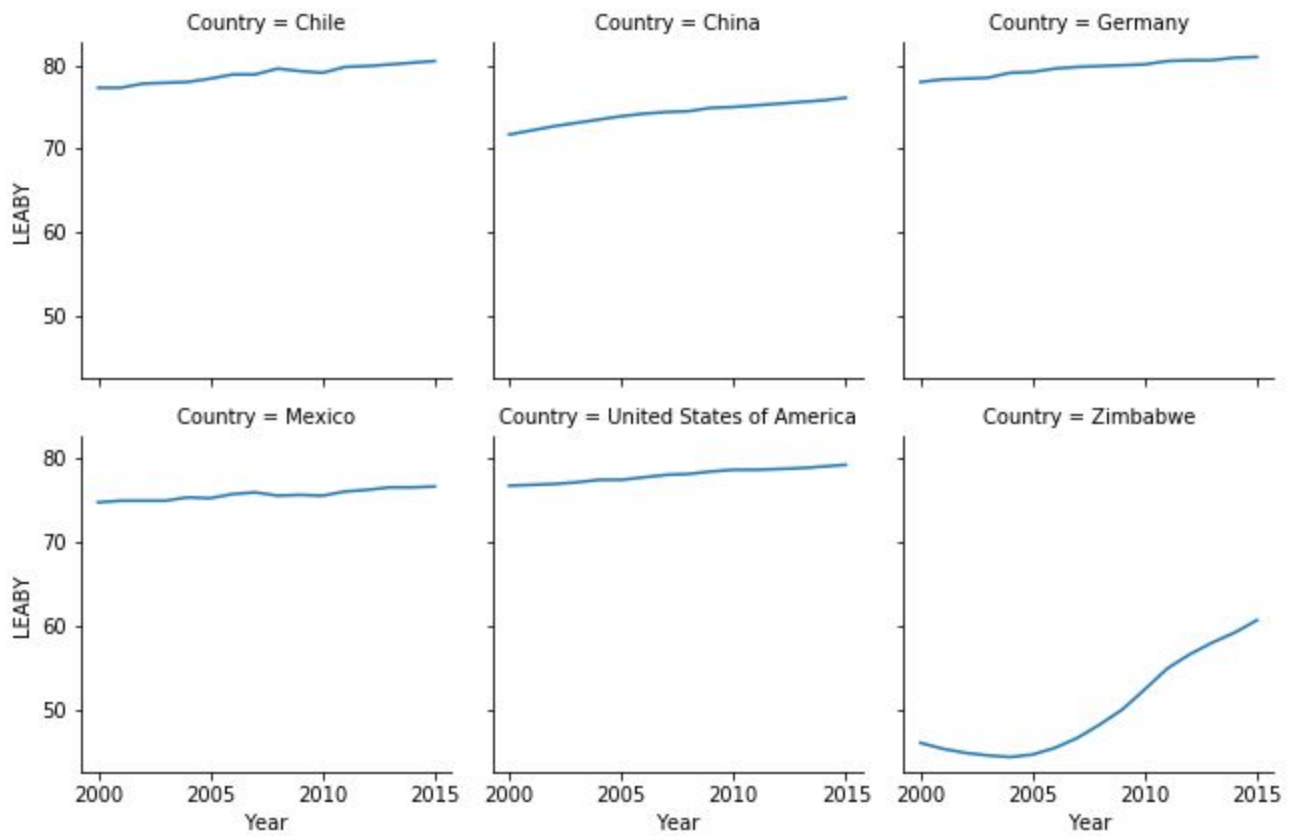
The graph above shows a violin plot for the data. You can see that Zimbabwe experienced some growth in Life Expectancy over the years, but had very little growth in GDP. This would explain Zimbabwe's overall lower average of LEABY in relation to GDP in comparison to the other countries.



China moves the most along the x axis Zimbabwe moves the most along the y axis China's movement is surprising due to their very rapid increase in GDP. Their rate of increase is very high in comparison to other countries



From this graph, you can see that the United States has the highest GDP and Zimbabwe has the lowest.



You can see from this graph that Germany has the highest LEABY and Zimbabwe has the lowest.