

An analysis of winter Olympics Data

Country and Athletes 1972 – 2014

Created by  
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# Who's the Winner of Winter Olympics and ... Why?

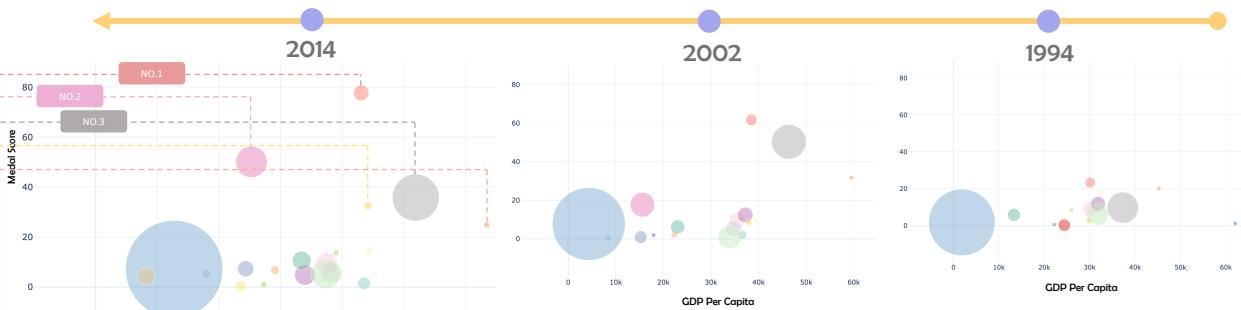
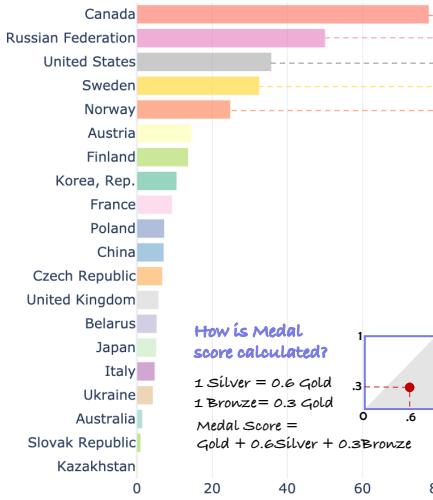


Who wins more medals ?

Who has most decorated athletes ?

Who's the Winner of Winter Olympics and ... Why?

## Medals & GDPs



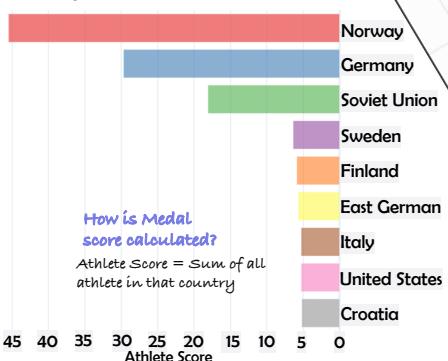
## Winner by Athletes

Countries can be recognized with some extraordinary athletes.

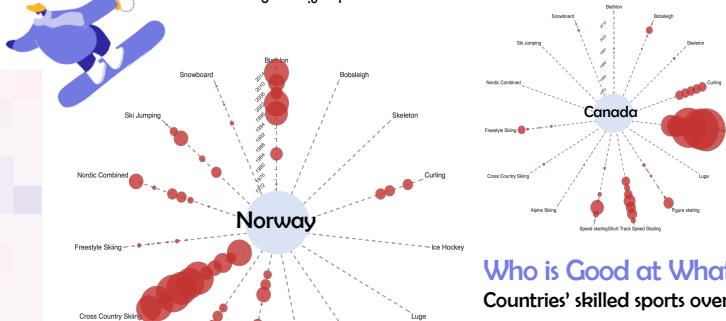
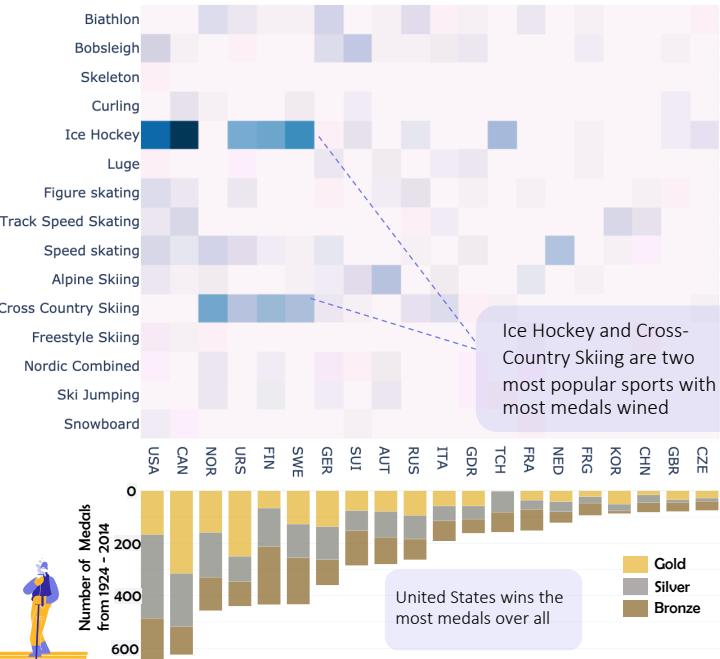
Norway is the country with the most (both in quality and quantity) decorated athletes, followed by Germany and Soviet Union.

The results are calculated with data from 1924 – 2014 and we only choose top 25 athletes for calculation.

Country rank with total Athlete Score



## Winner by Sports

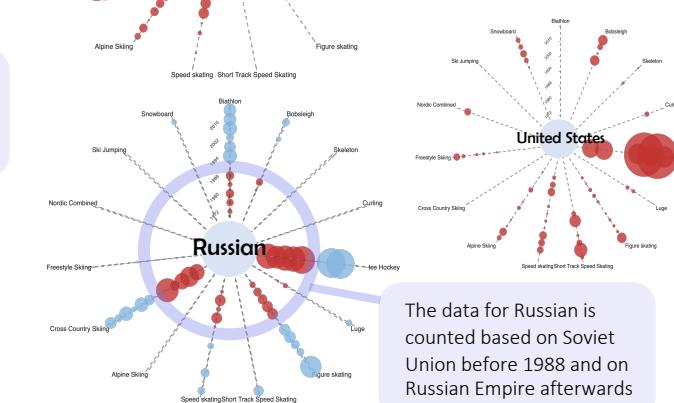


Who is Good at What?  
Countries' skilled sports over time (1972 - 2014)

We can see both these 4 countries win more medals over year.

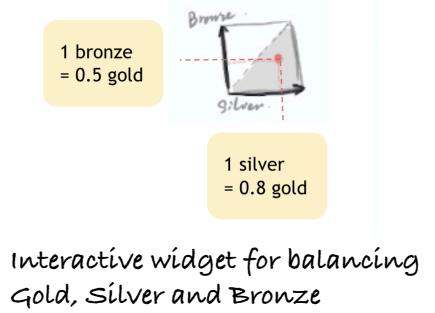
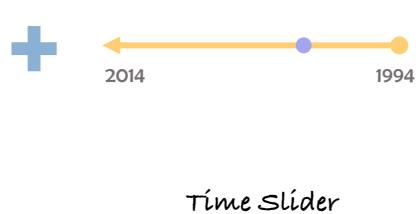
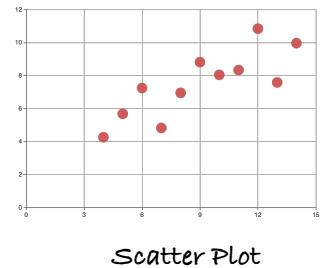
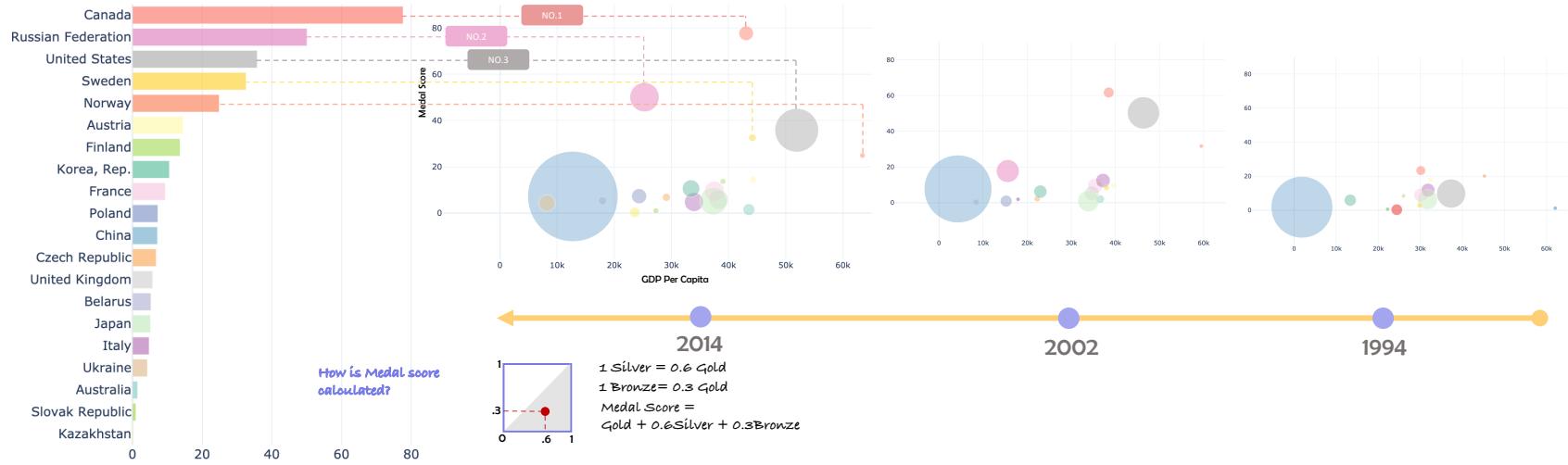
Norway is good at Biathlon and Cross-Country Skiing, while Canada and the United States are both skilled at Ice-Hockey. Most of their medals are won by this sport.

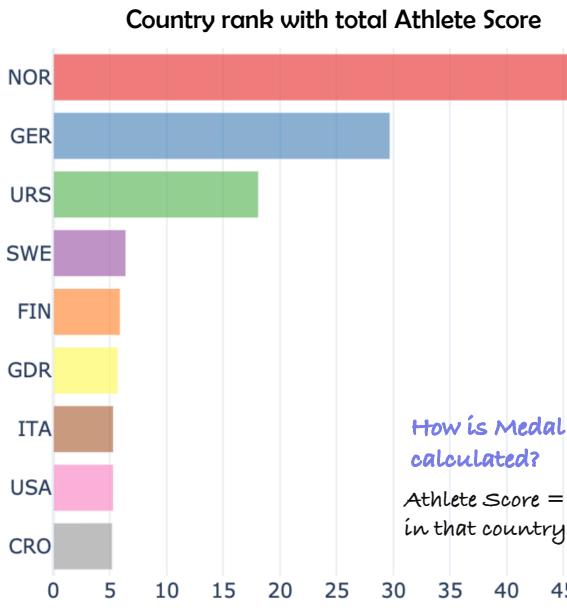
Russian is more balanced in each sport with a better performance on Ice-Hockey.



## **Learning Objectives:**

- The viewers will recognize the countries with most decorated winter Olympians
- The viewers will recognize the countries wins the most medals wined in winter Olympics
- The viewers will generalize the relationship between country wealth and winter Olympic performance
- The viewers will compare countries' performance over time
- The viewers will recognize the popular winter Olympic sports and the best country in them.





How is Medal score calculated?

Athlete Score = Sum of all athlete in that country

Circle size:  
Athlete Score

$$\text{Athlete Score} = \text{Gold} + 0.6\text{Silver} + 0.3\text{Bronze}$$

