



Summer Olympic - EDA

Dataset info

Number of variables	10
Number of observations	31163
Total Missing (%)	0.0%
Total size in memory	2.4 MiB
Average record size in memory	80.0 B

Warnings

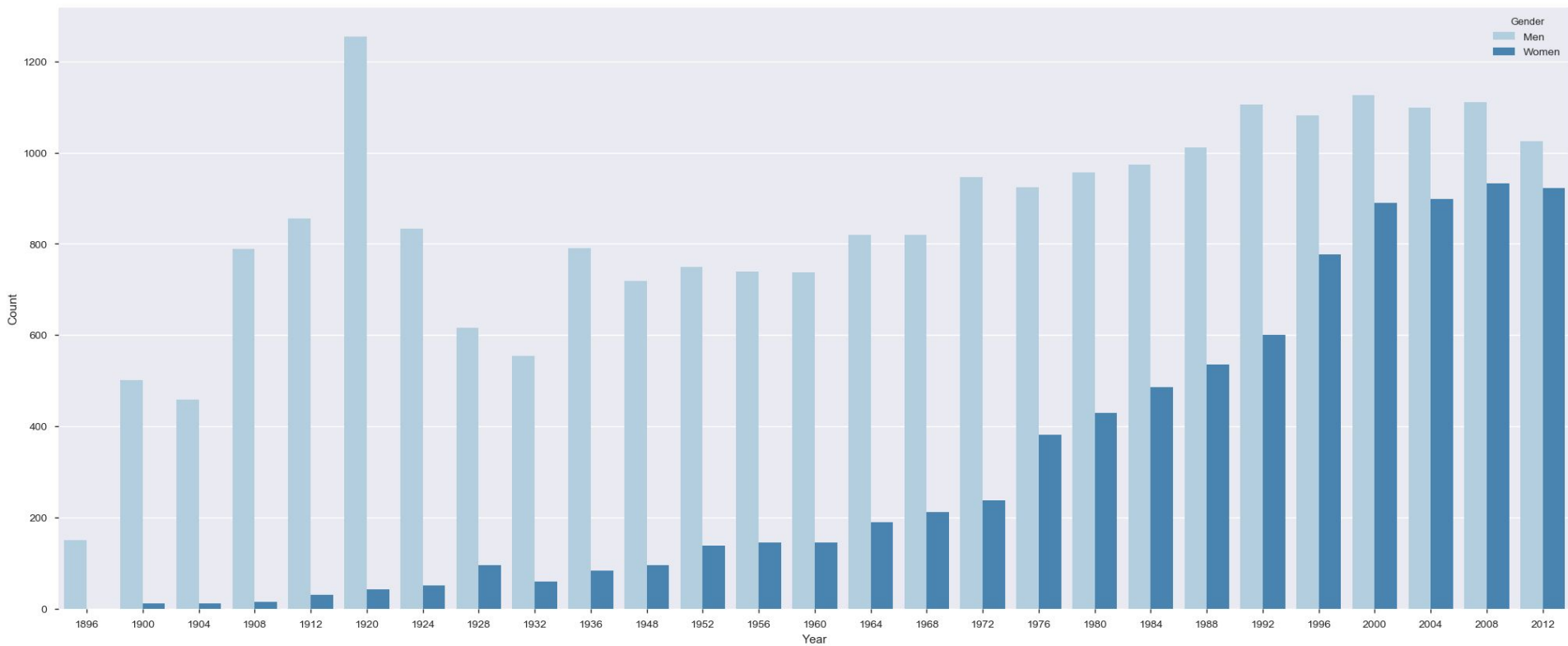
- Athlete** has a high cardinality: 22762 distinct values **Warning**
- Country** has a high cardinality: 147 distinct values **Warning**
- Discipline** has a high cardinality: 67 distinct values **Warning**
- Event** has a high cardinality: 666 distinct values **Warning**
- Year** is highly correlated with **index** ($\rho = 0.97064$) **Rejected**

Variables types

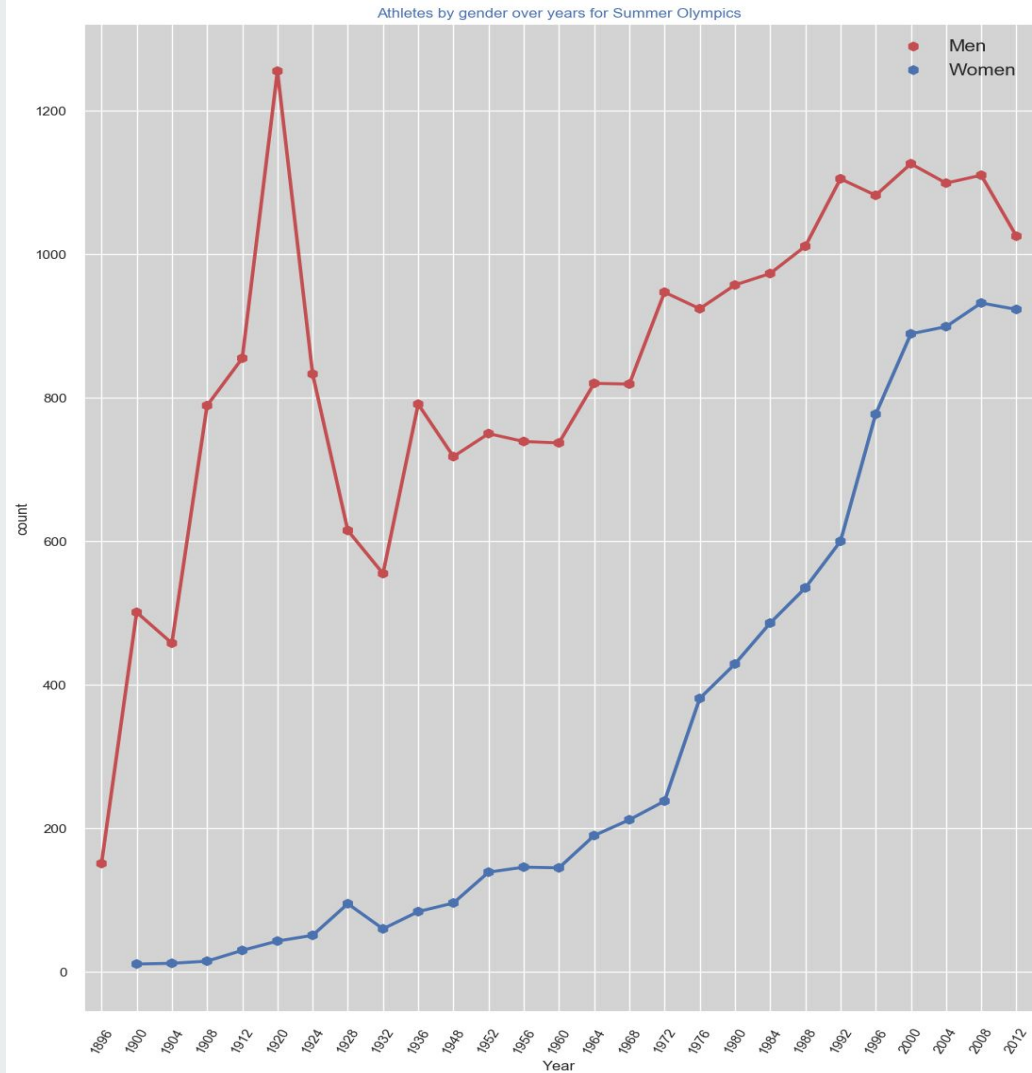
Numeric	1
Categorical	8
Boolean	0
Date	0
Text (Unique)	0
Rejected	1

Column Name	Description
Year	Olympic Season Year
City	City where games held
Sport	Sport category
Discipline	Name of Sport
Athlete	Name of Athlete
Country	Athlete's Country
Gender	Sex of Athlete
Event	Name of Event
Medal	Medals

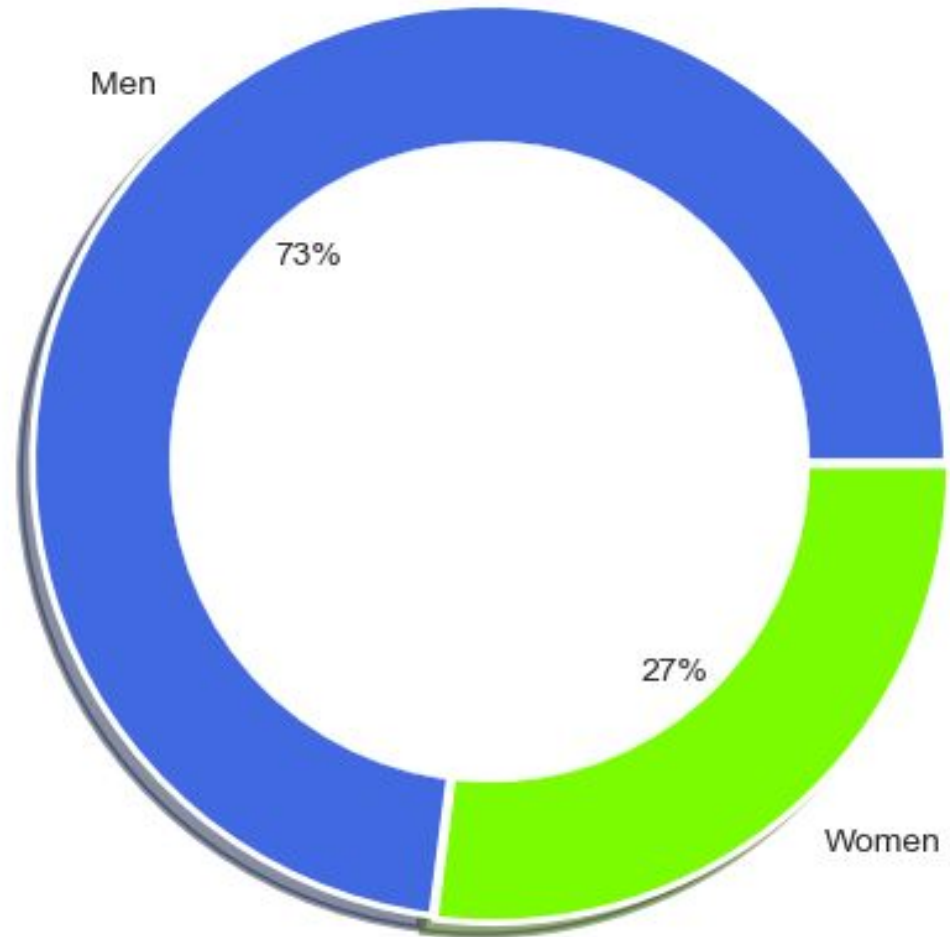
How is the gender participation in Summer Olympics, since 1896?



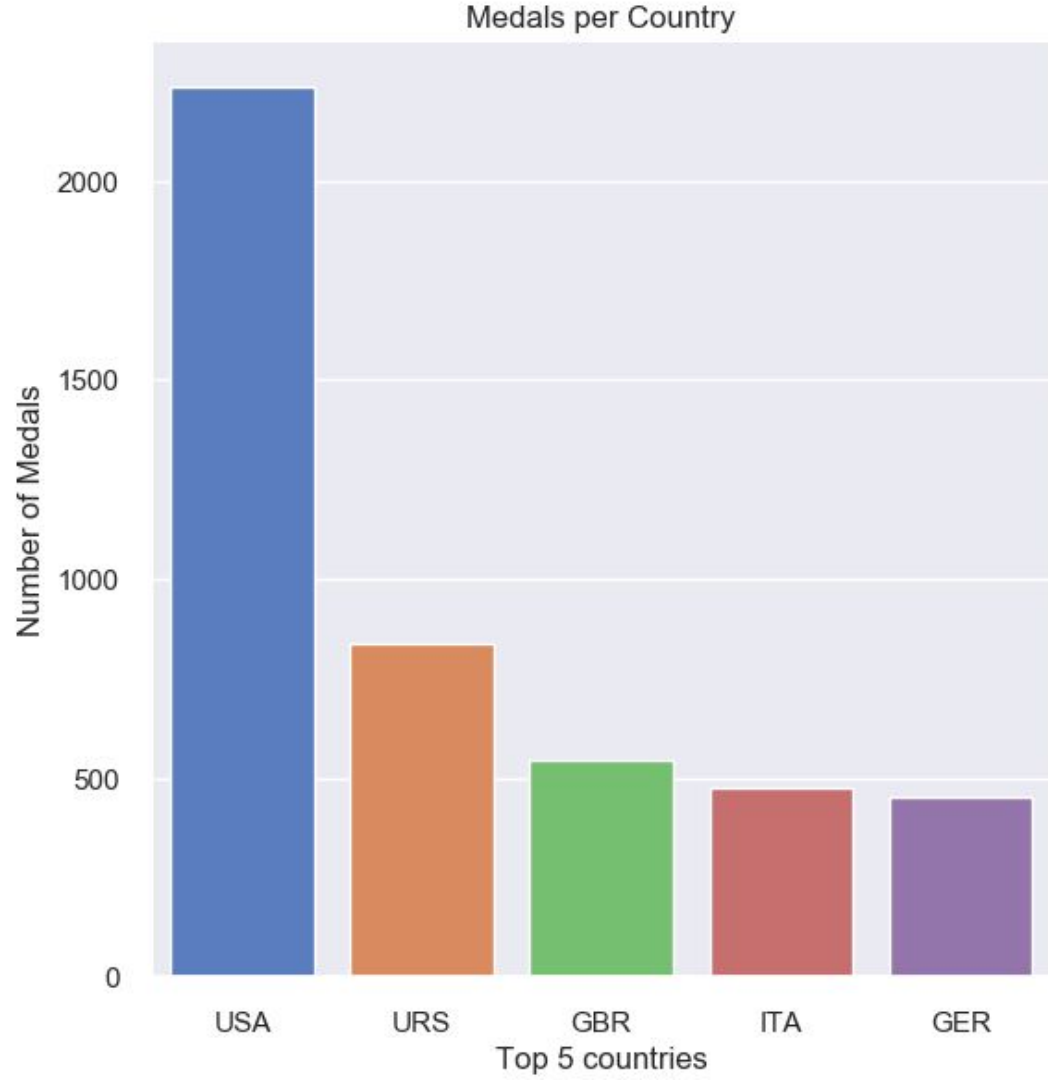
Athletes participation by gender over years for Olympics

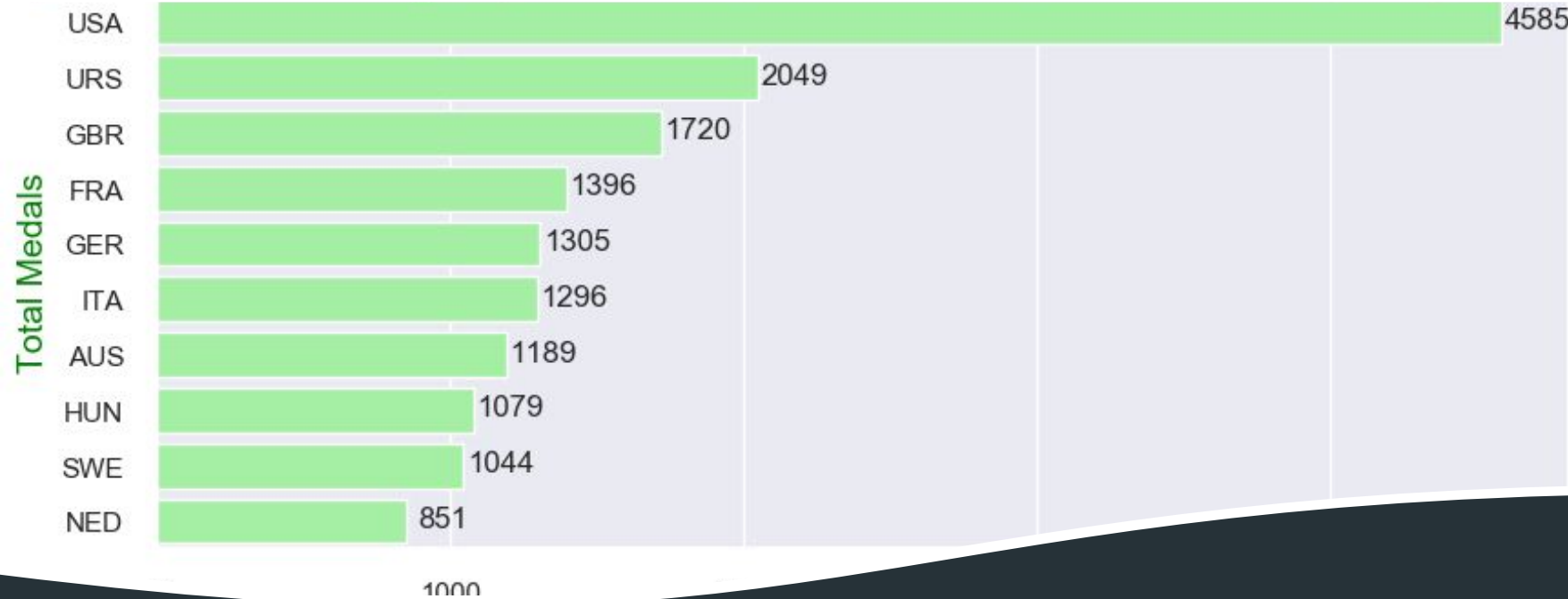


Overall Gender Distribution for Summer Olympics



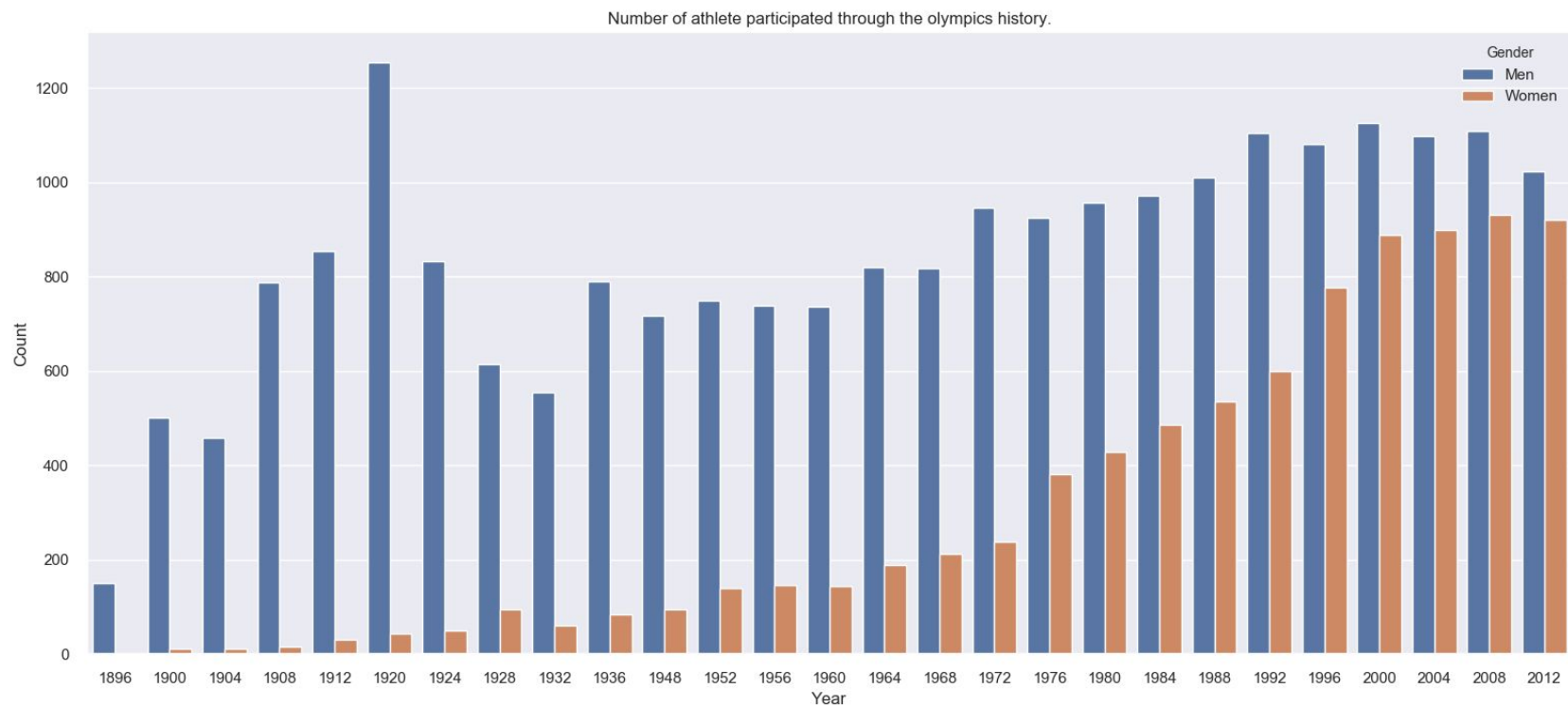
Top 5 Countries - GOLD Medals



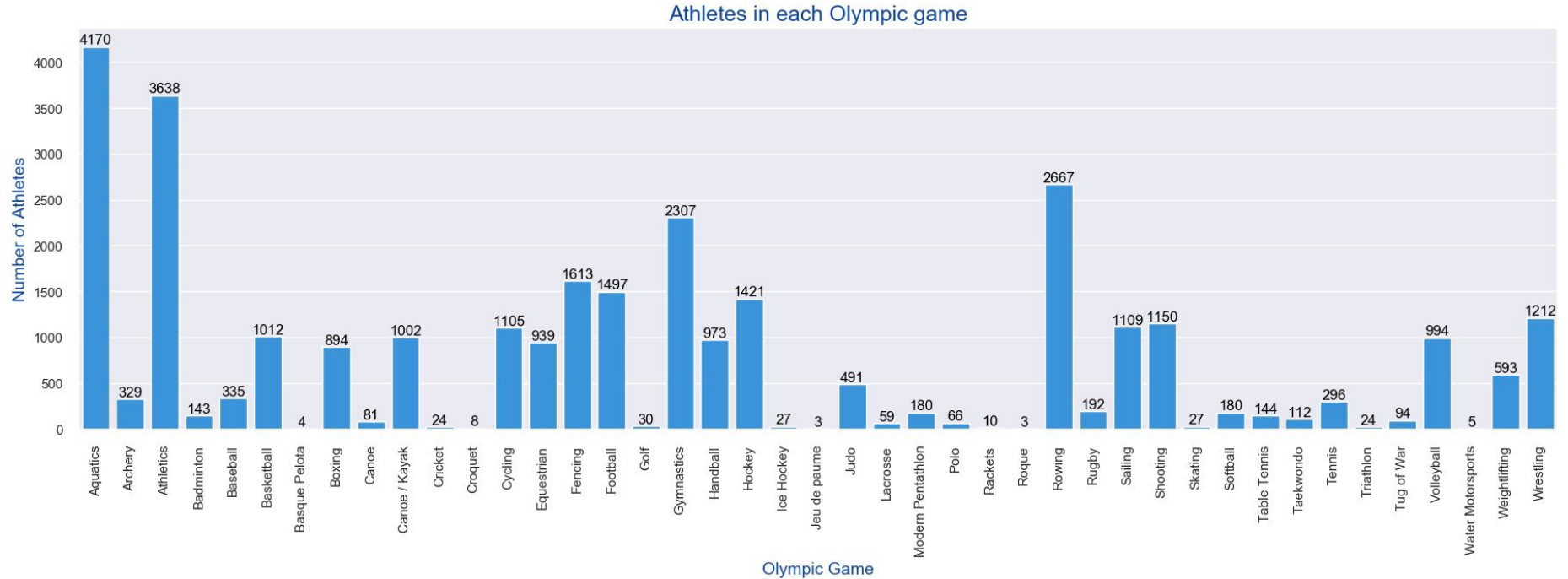


TOP 10 Countries with total medals

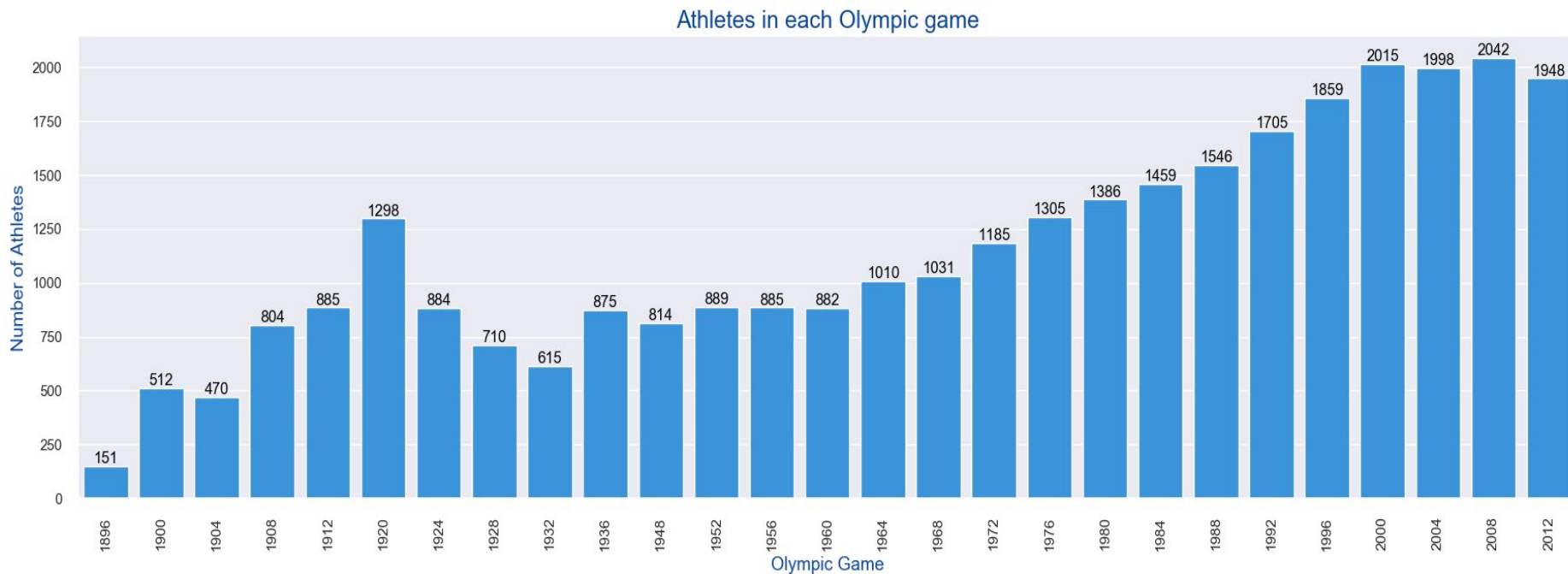
Number of Athletes participation along time



Athlete participation in each sport in Summer Olympics



Total Athlete participation in each Summer Olympic



Distribution of Athlete, Sport and Events across each Summer Olympic

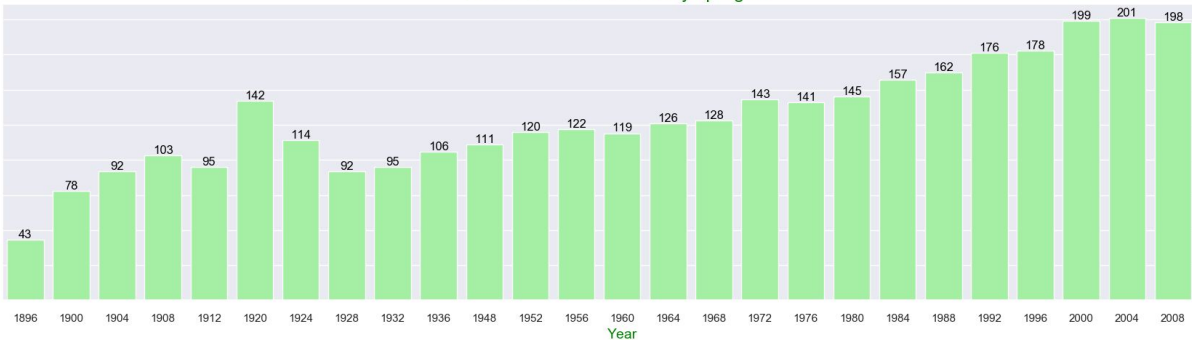
Athletes in each Summer Olympic game

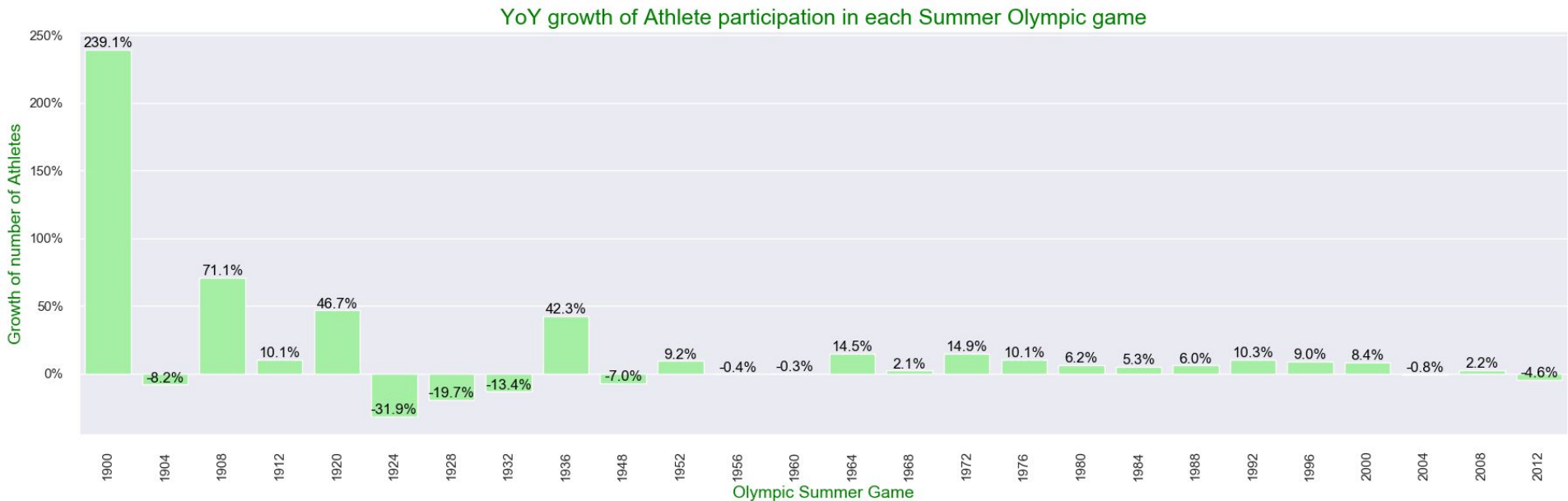


Sports in each Summer Olympic game

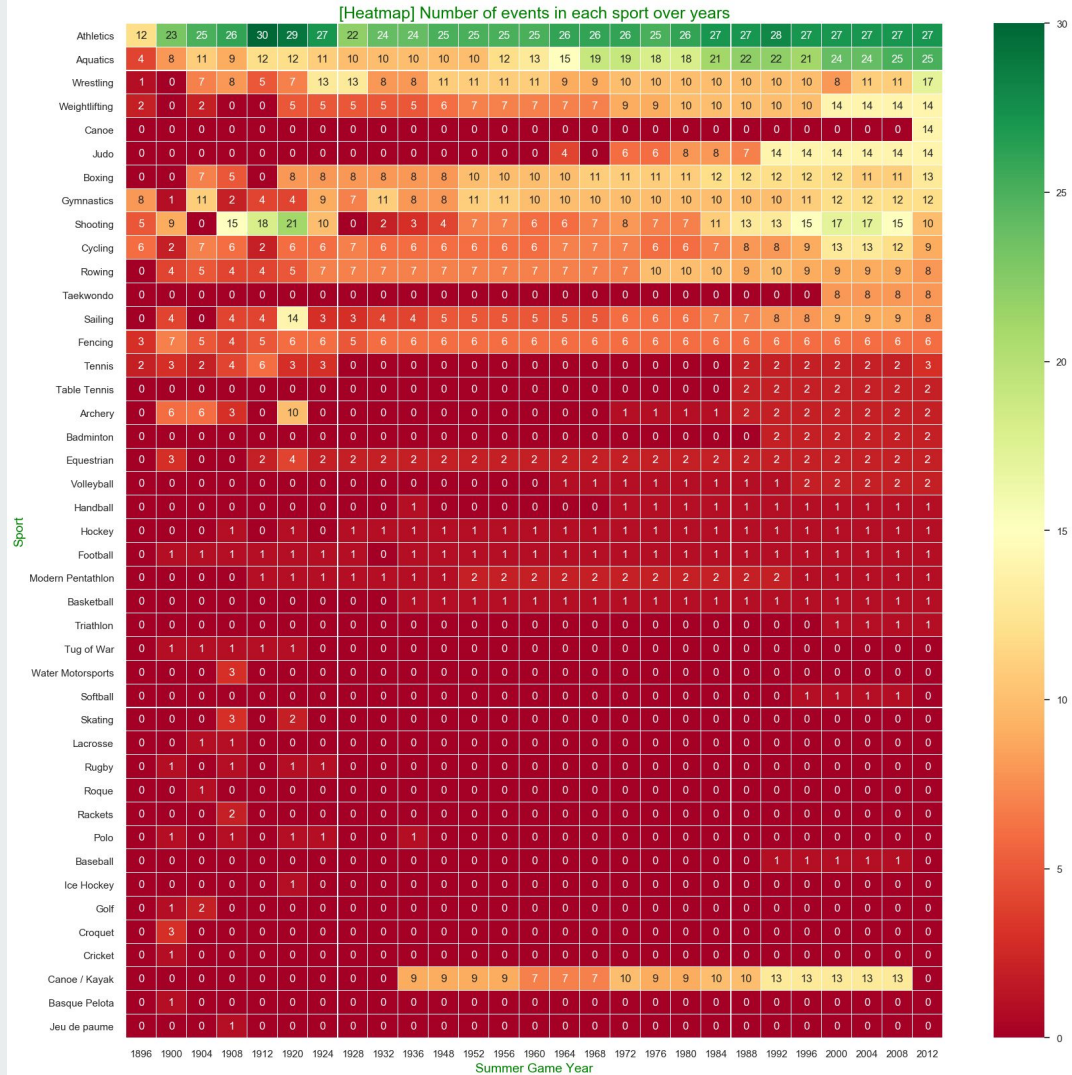


Events in each Summer Olympic game

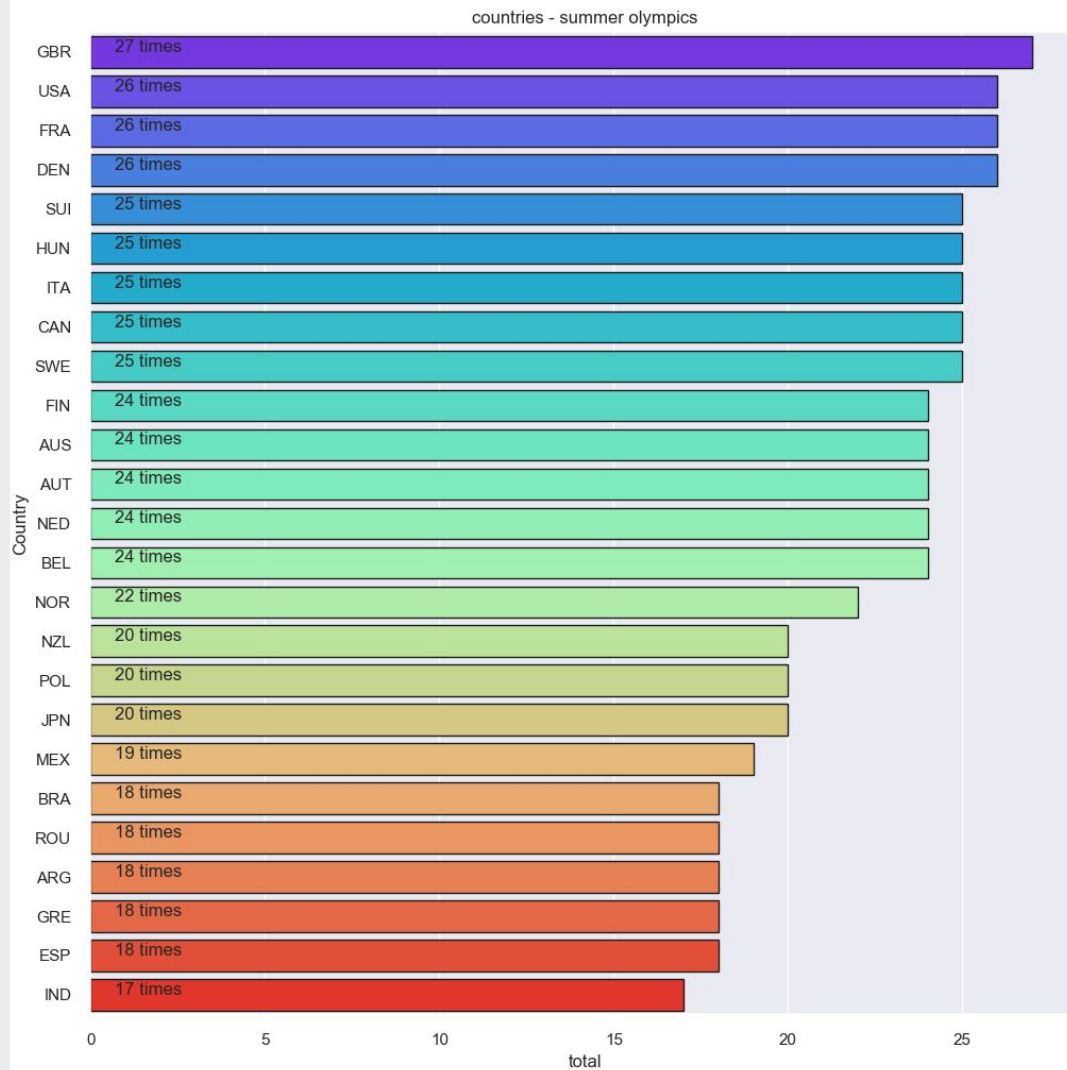




YoY growth of Athlete participation in each Summer Olympic game



Nations with highest number of participation in olympics



Events held in summer olympics

