

Olympic Sports Growth over years



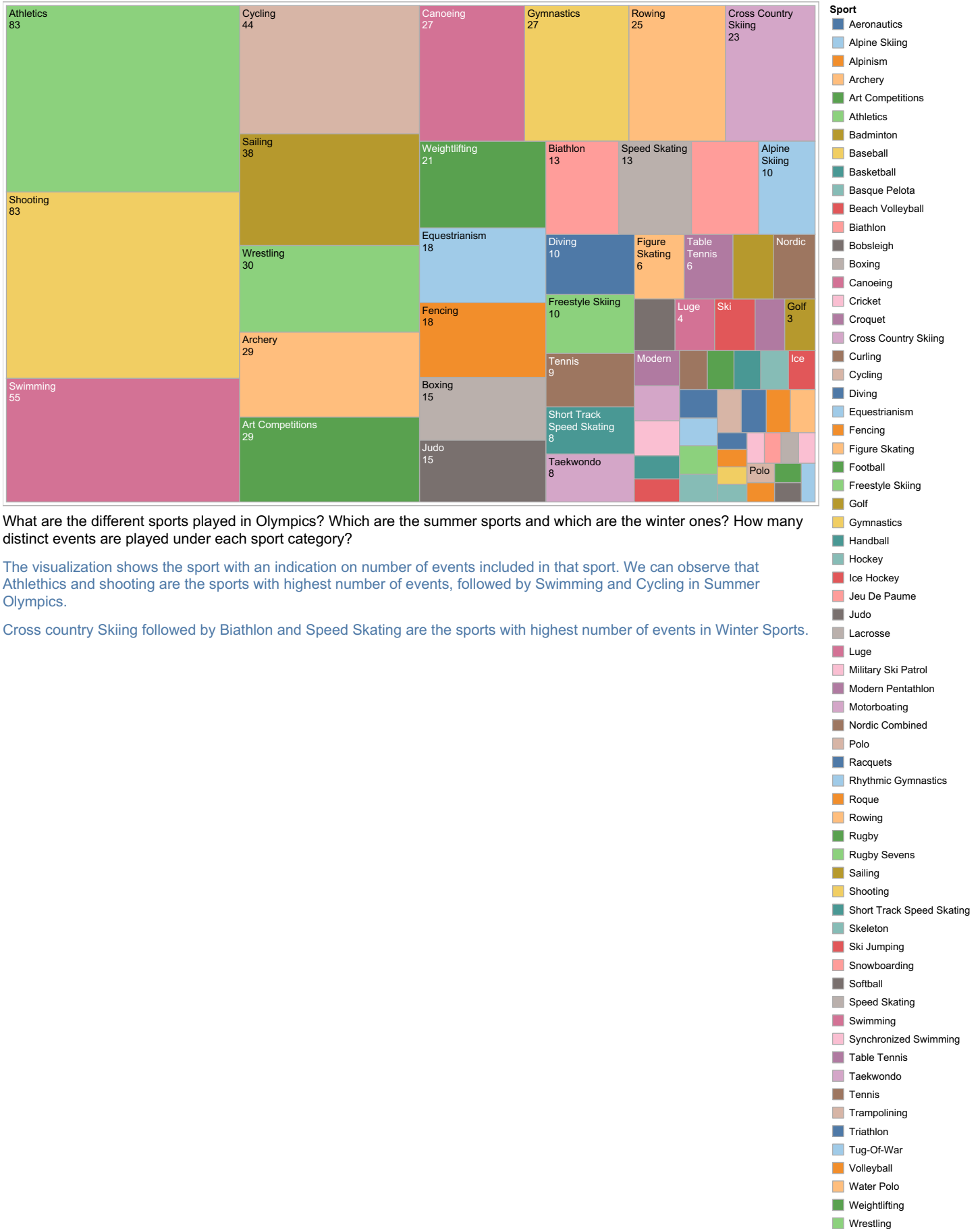
How has Olympics Games Grown over the years ?

We can observe that Olympics was initially conducted in Summer, every 4 years, later it was conducted in both summer and winter of the same year till 1992. From 1994, Summer and Winter Olympic games are conducted every two year once.

The visualization shows the various sports which were part of the each olympic game. We can see that the count of sports is increasing over the years. We can observe that Baseball, Badminton, Trampoline, Triathlon and Golf are some of new games added to summer Olympics. We can also see that few sports like Lacrosse were discontinued over the years.

The next question is which sports competitions are conducted in summer and which ones in winter.

Events Count in each Sport



What are the different sports played in Olympics? Which are the summer sports and which are the winter ones? How many distinct events are played under each sport category?

The visualization shows the sport with an indication on number of events included in that sport. We can observe that Athletics and shooting are the sports with highest number of events, followed by Swimming and Cycling in Summer Olympics.

Cross country Skiing followed by Biathlon and Speed Skating are the sports with highest number of events in Winter Sports.

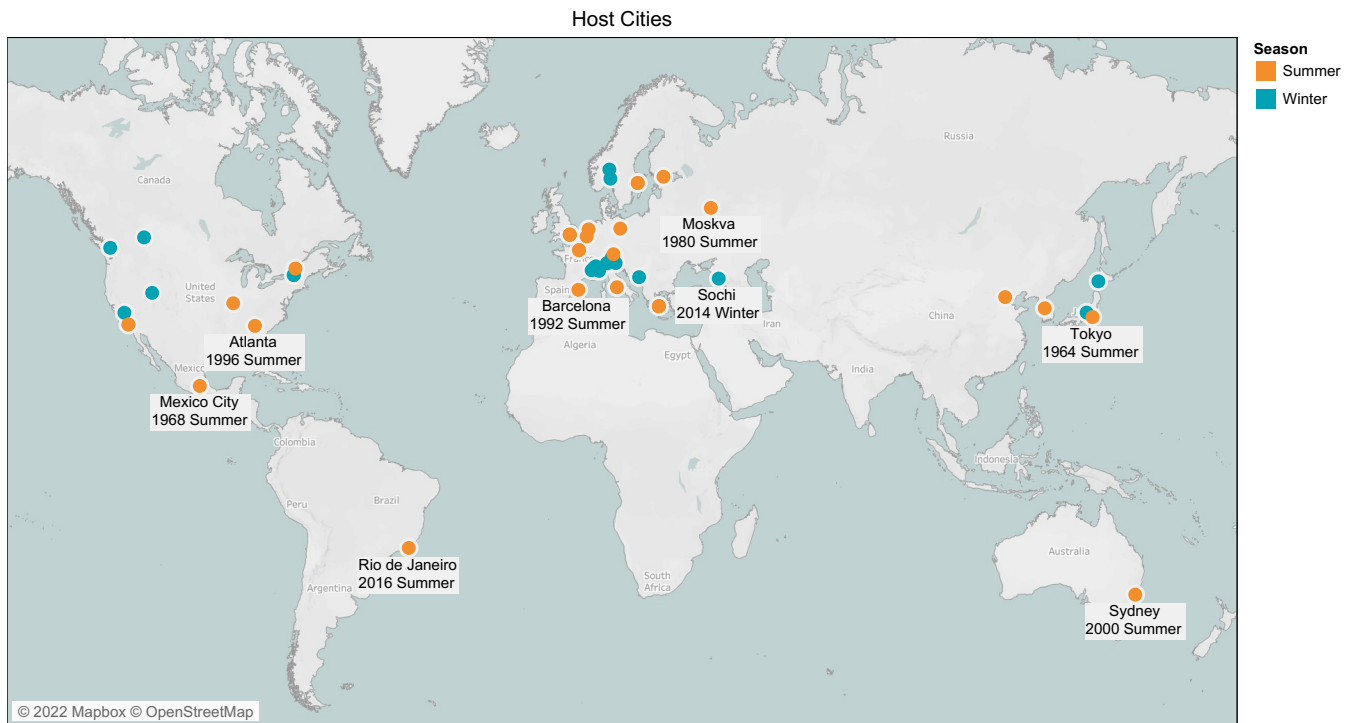
Regions Vs Medals



Which Region has bagged highest number of medals overall? Can it be categorized by medal type ie Gold/Silver/Bronze?
Which Country had highest participation in total?

This visualization shows the count of medals and category of medal won by participants from various regions. The size of bubble indicates the number of medals won.

We can observe that most of the medals are won by USA region, followed by Russia, Germany, UK and France, based on the size of bubble.



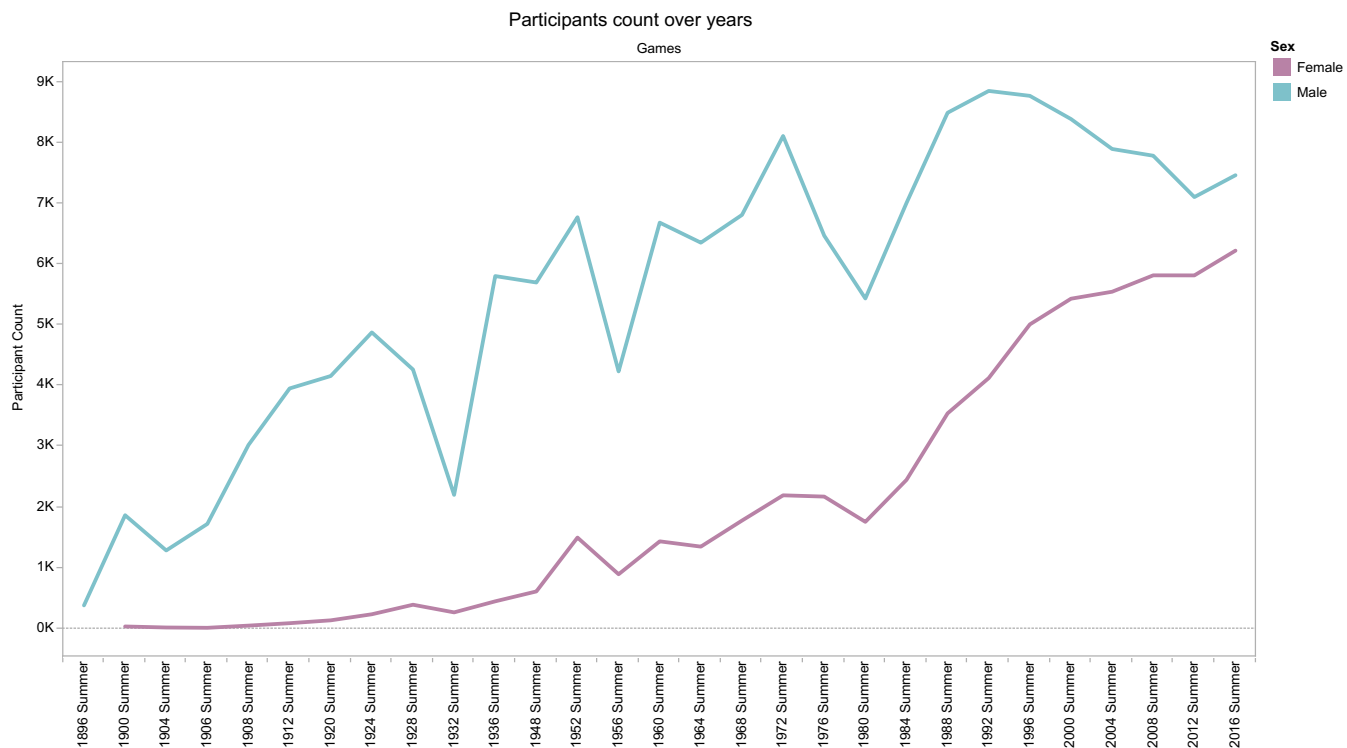
Does the host city impact who wins most medals?

This map shows the cities where Olympic games were conducted. Summer and Winter host cities are identified by color.

It does seem like the host city impact the countries which participate in the olympics and their winning probability. For example, the 1980 Summer Olympics was conducted in Moscow, Russia and the participation was low from other countries.

Also, it is observed that the countries in and around the host countries bag most of the medals.

Host Cities file has been used to find the country to which the host city belongs to.

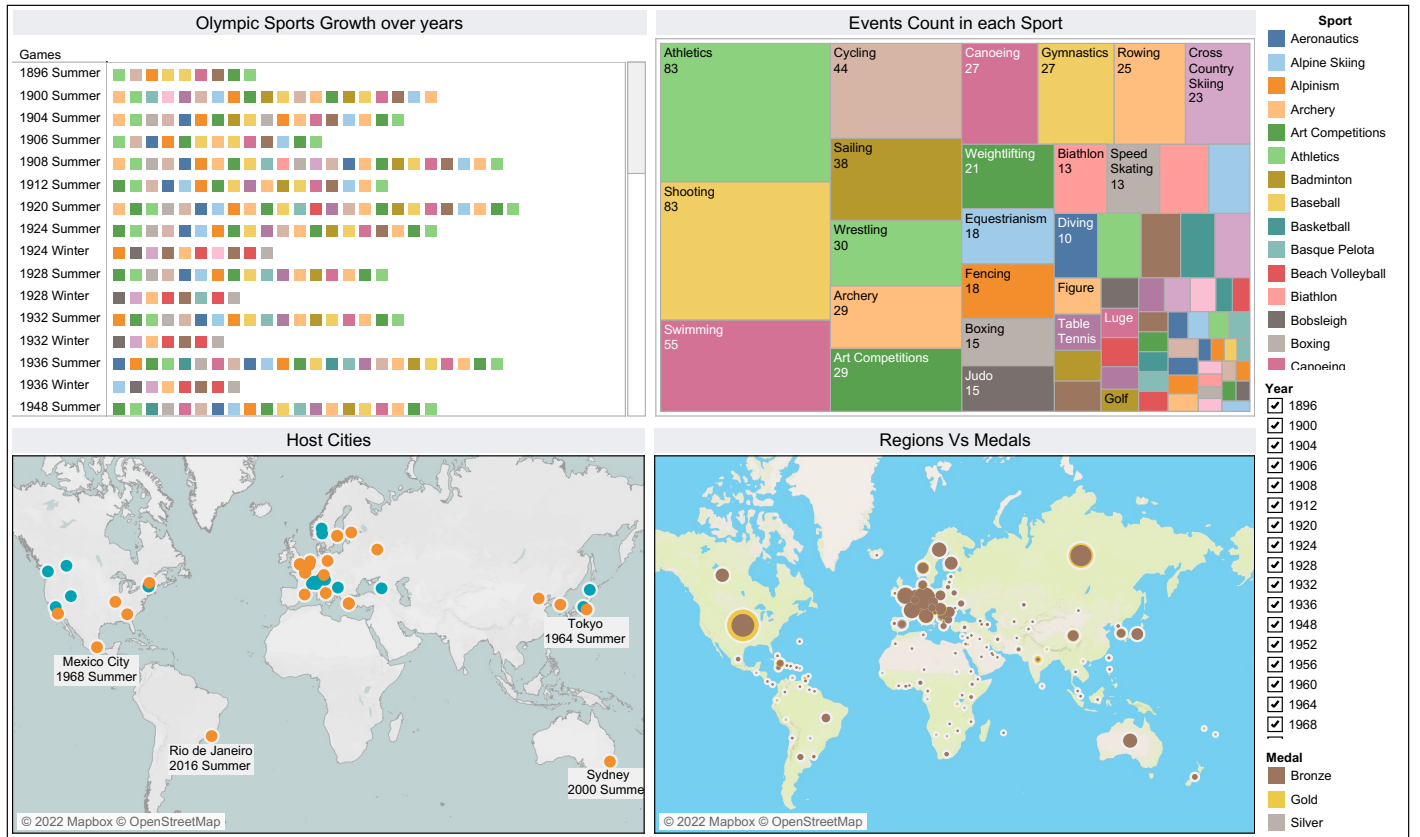


Is the participation trend increasing over years? Is the male and female participant increase have similar trend?

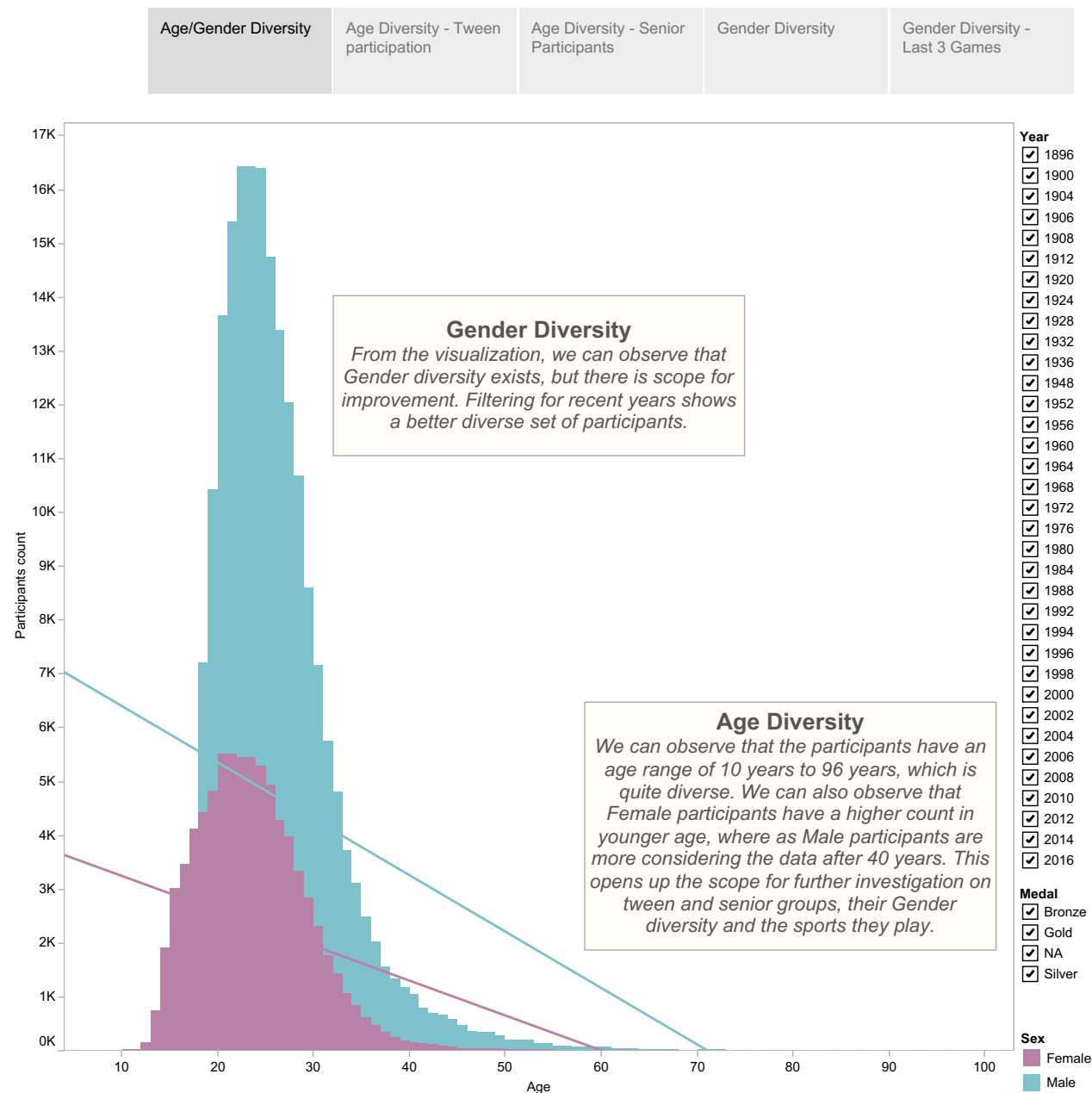
This Trend chart visualization shows that the number of participants increase over the years in both Male and Female category, though female category has a more steep trend. We can see dip in the number of participants in 1932(due to remote host city), 1956 and 1980 (due to boycotts in both years) for the summer olympics.

Summer olympics have higher participants as there are higher number of sports and events compared to Winter olympics. Therefore, trending the data separate for summer and winter Olympics provide a clear view of trend.

Sport, Host City & Medal stats Dashboard

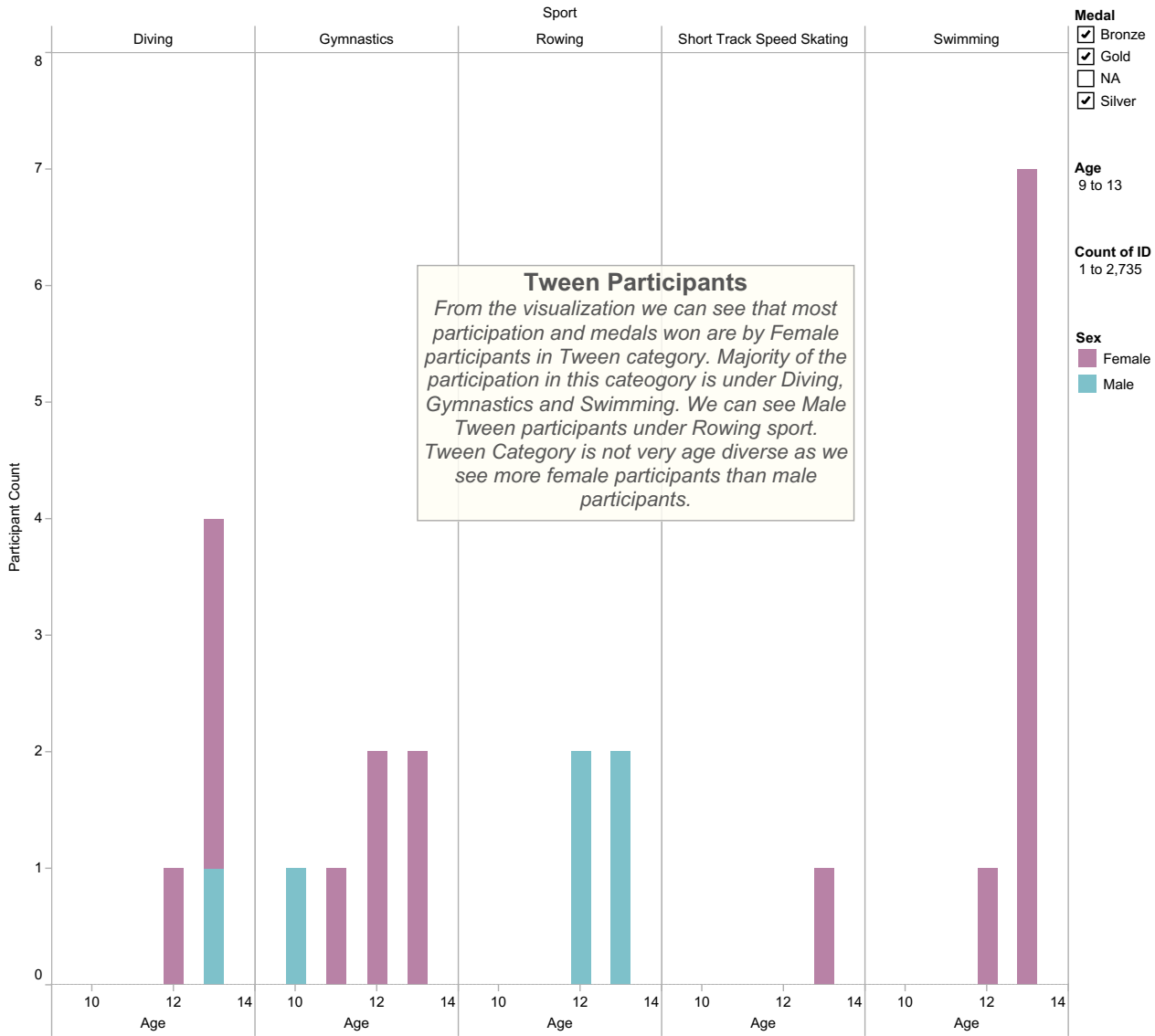


What is the Age and Gender Diversity of the Olympic Participants ?

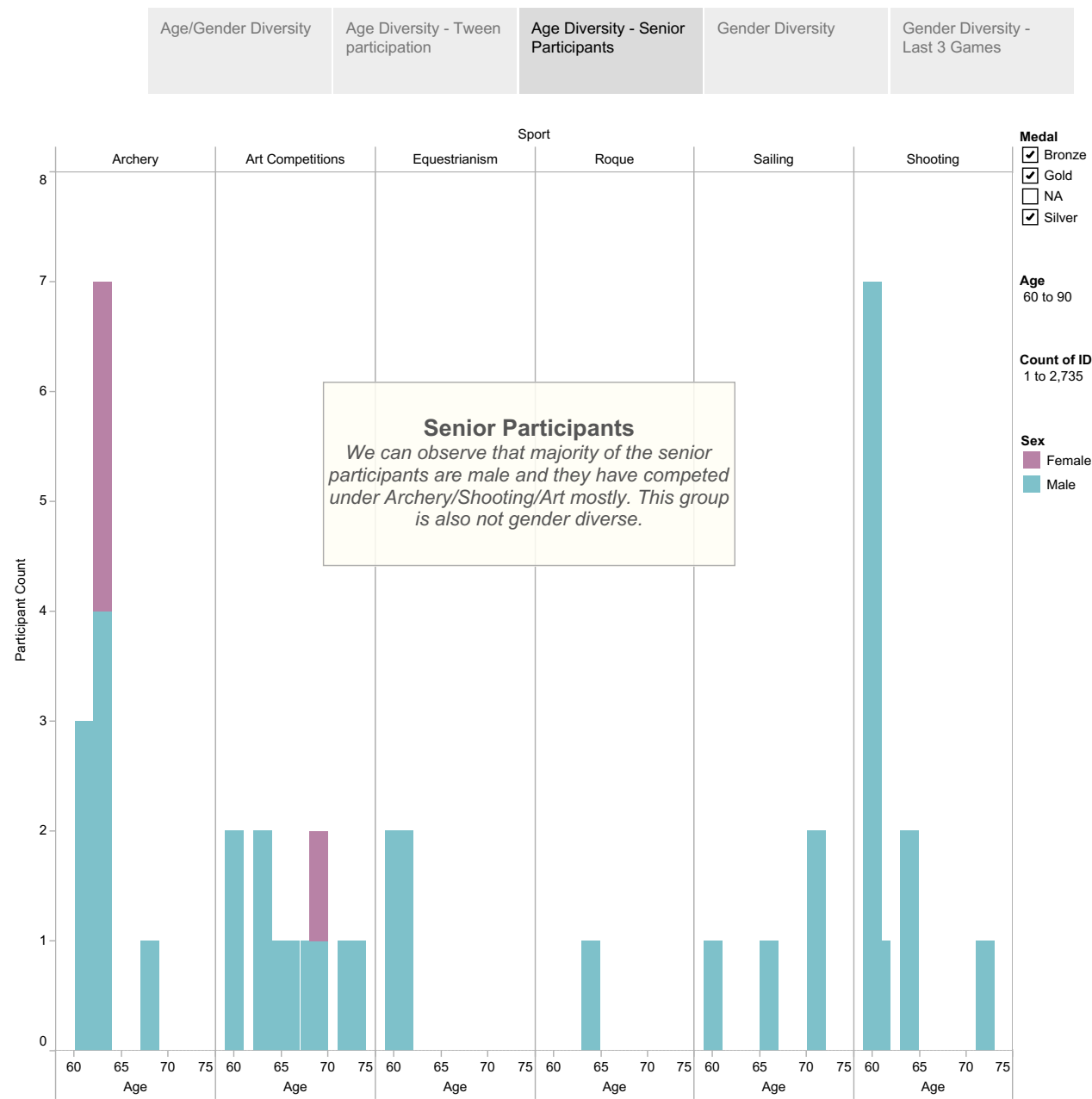


What is the Age and Gender Diversity of the Olympic Participants ?

Age/Gender Diversity	Age Diversity - Tween participation	Age Diversity - Senior Participants	Gender Diversity	Gender Diversity - Last 3 Games
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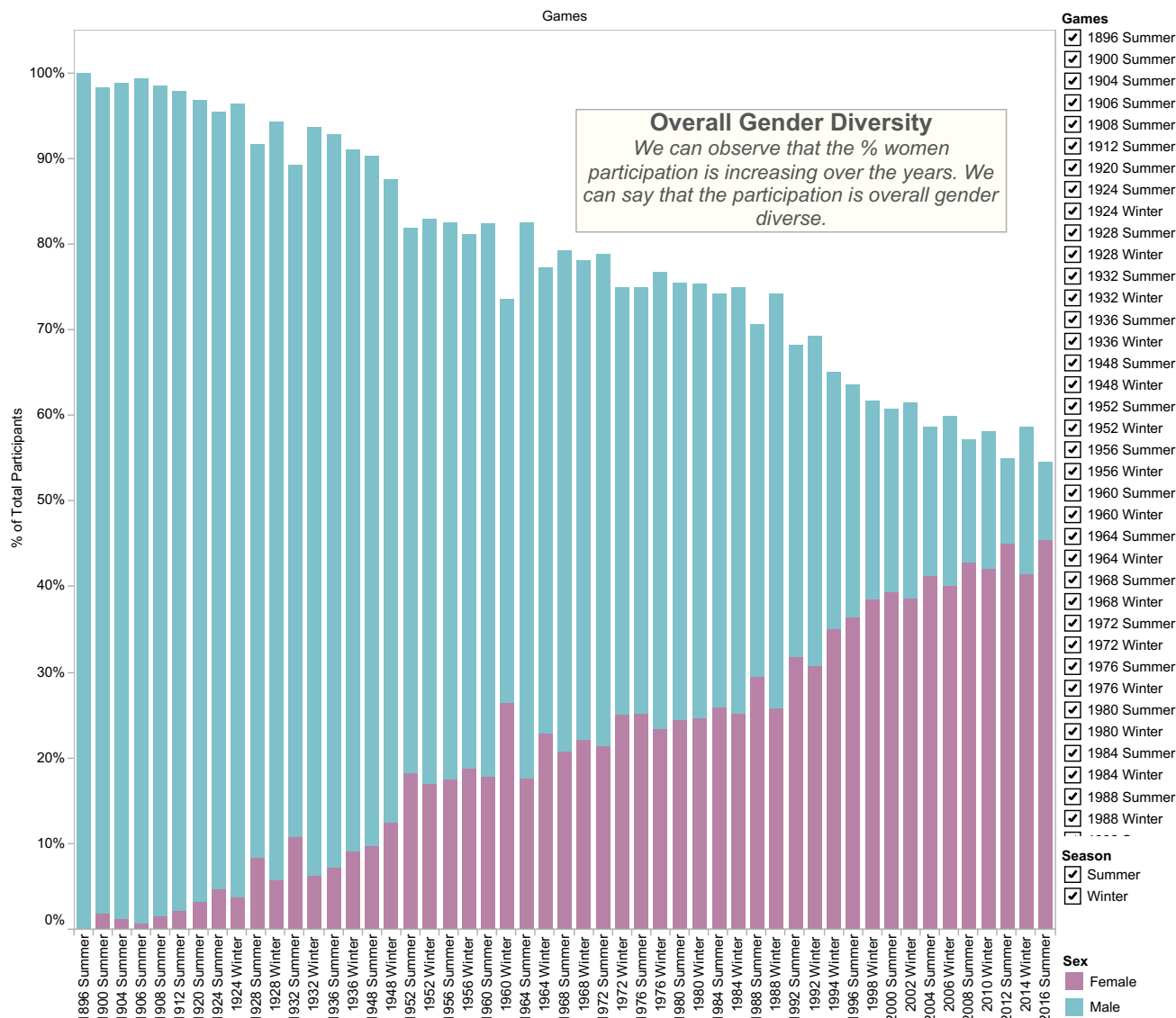


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