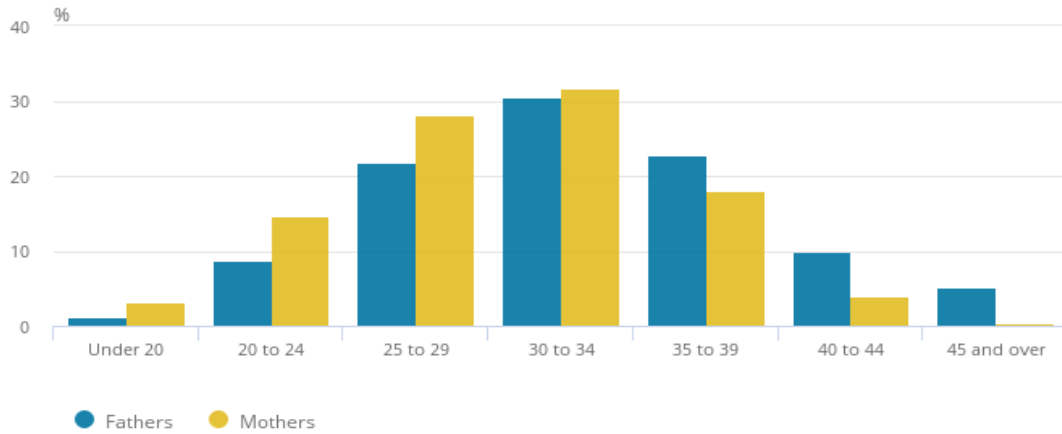


## UK Babies data

The diagram below uses information from the birth registration document, which by law all parents must complete.

Figure 1: Live births by age group of mother and father, 2016

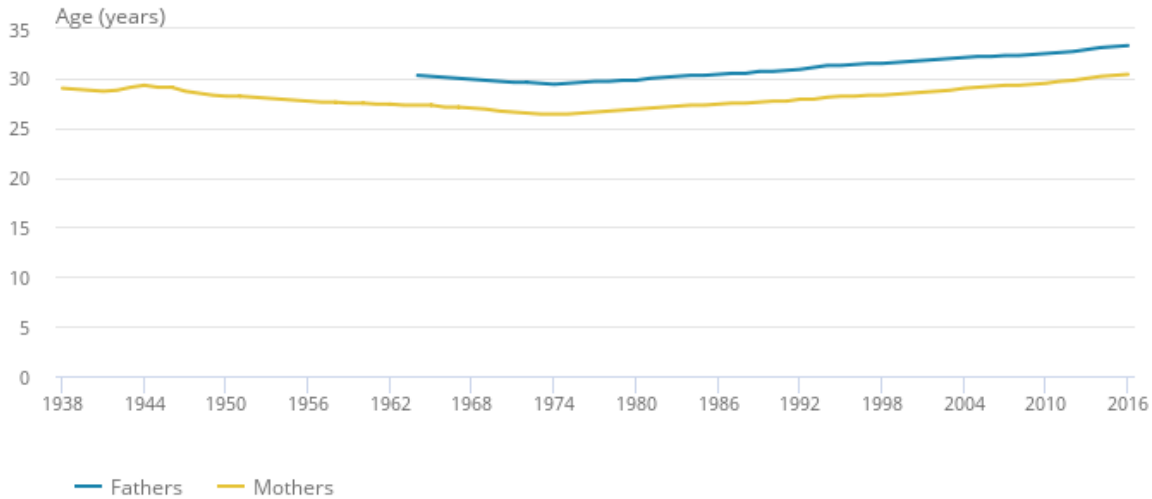
England and Wales



Source: Office for National Statistics

1. Which parent's average age would be older, the mother or father?  
(Explain how you can use the diagram above to check your answer)

Figure 2: Average age of mothers and fathers at the birth of their child, 1938 to 2016



2. Describe any trends you notice from the diagram above.

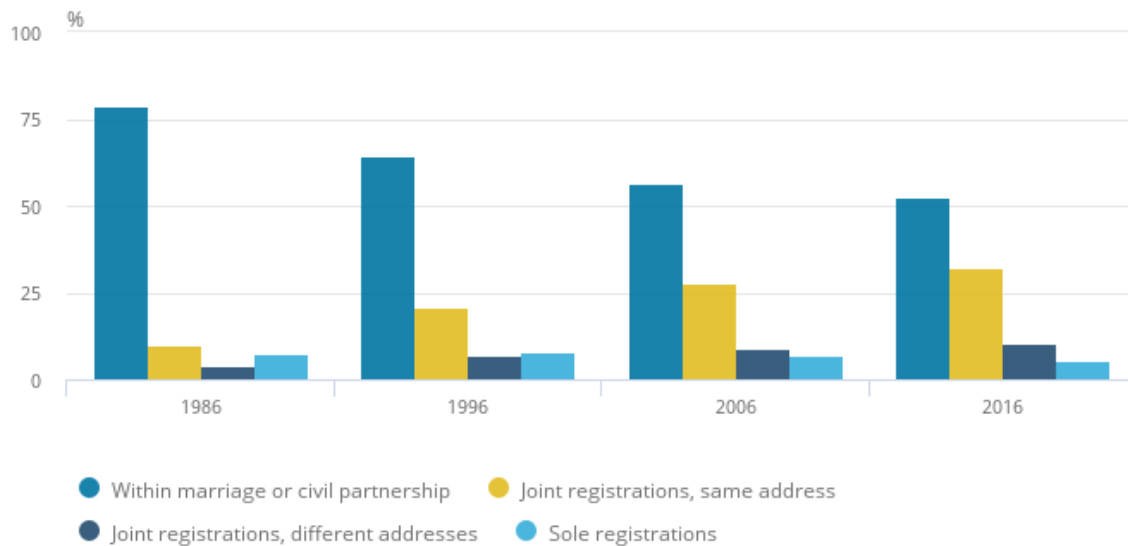
The table below and the diagram in the next page shows information about the parents of new born babies.

**Joint registration** means both parents' names are recorded on the registration document, **sole registration** means one parent's name is on the register.

Year	% Within marriage or civil partnership	% Joint registrations, same address	% Joint registrations, different addresses	% Sole registrations
1986	78.6	10	4.2	7.2
1996	64.2	20.8	7.1	7.9
2006	56.5	27.7	9.0	6.8
2016	52.4	32.1	10.3	5.2

Figure 3: Live births by type of registration, 1986, 1996, 2006 and 2016

England and Wales

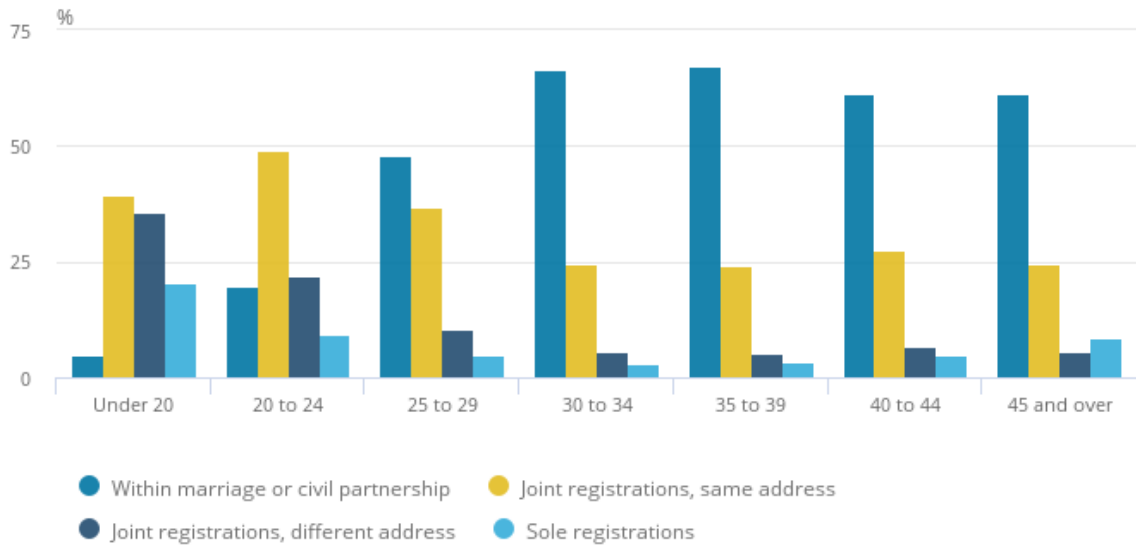


Source: Office for National Statistics

3. Describe any trends you notice from the data.

Figure 4: Live births by type of registration and mother's age group, 2016

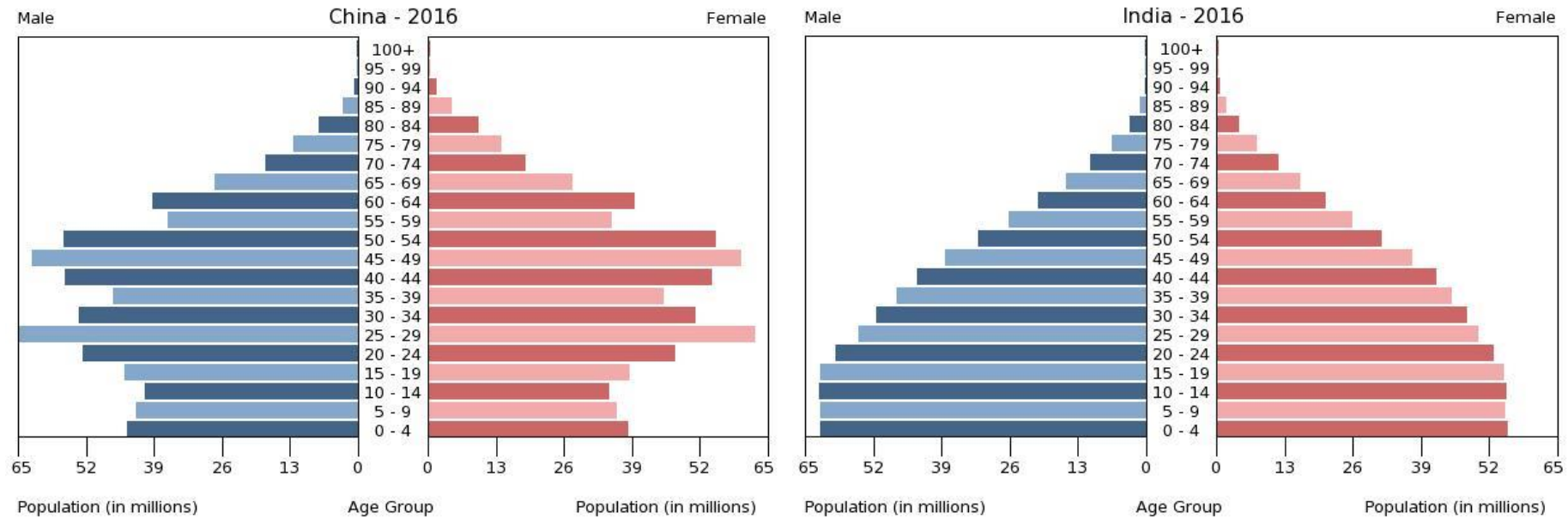
England and Wales



Source: Office for National Statistics

4. What age related trends do you notice from this information?

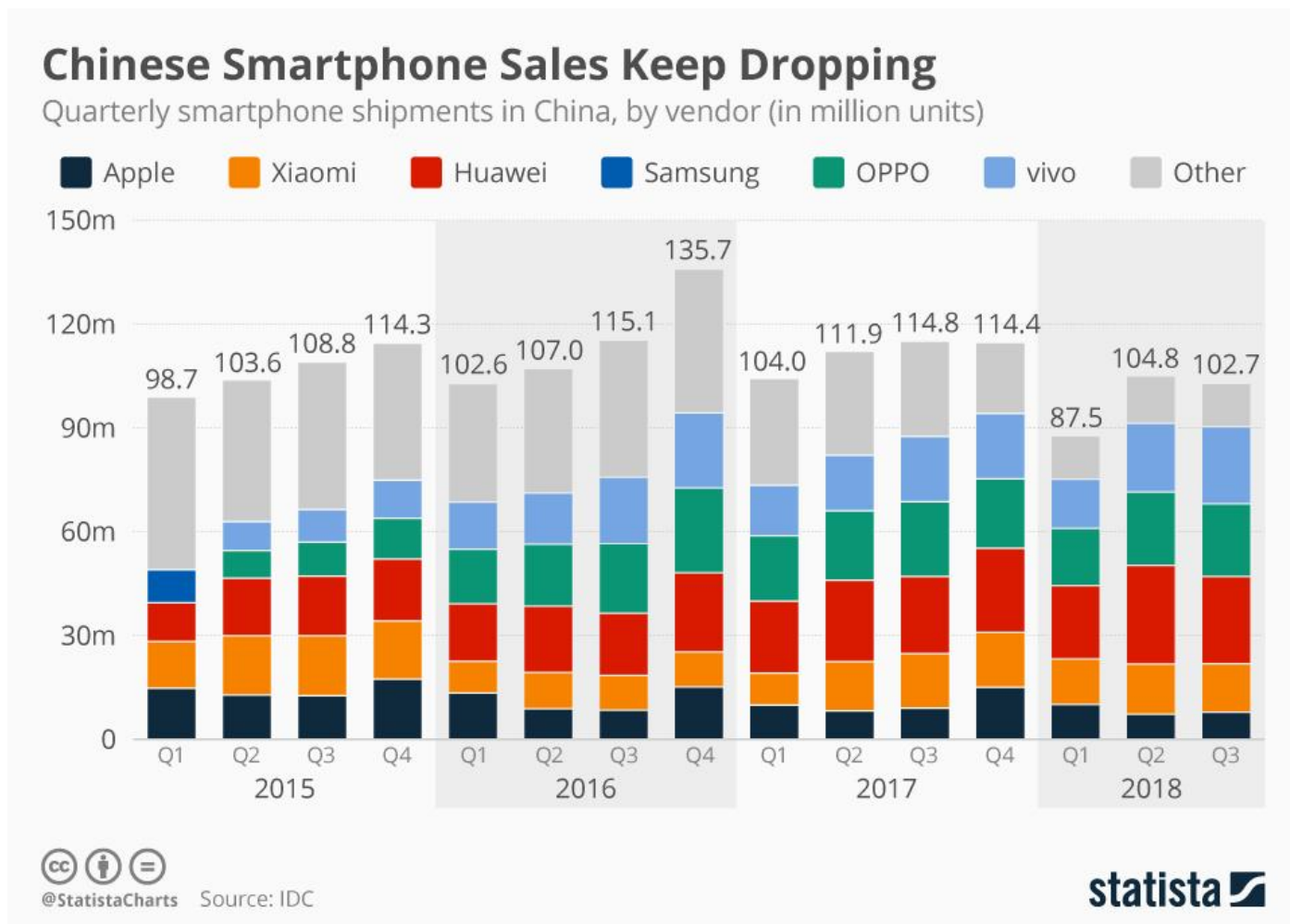
The diagrams below are called a population pyramids. These are from the CIA World Factbook <https://www.cia.gov/library/publications/the-world-factbook/>



5. Using the data population pyramids state two differences between the population of China and India.

6. Although both population pyramids look roughly symmetrical their shapes are quite different. Why might you expect population pyramids to be roughly symmetrical?

Composite bar charts



Source -

[https://infographic.statista.com/normal/chartoftheday\\_16833\\_chinese\\_quarterly\\_smartphone\\_shipping\\_volumes\\_n.jpg](https://infographic.statista.com/normal/chartoftheday_16833_chinese_quarterly_smartphone_shipping_volumes_n.jpg)

Use the information in the chart above to comment how smartphone sales have changed from 2015 to 2018.