

## Ancestry Composition

Ancestry Composition tells you the proportion of your DNA that comes from each of 31 populations worldwide. This analysis considers DNA you received from all of your ancestors on both sides of your family. The results reflect where your ancestors lived 500 years ago before ocean-crossing ships and airplanes came on the scene.

[Composition](#) [About Report](#) [Inheritance](#) [What You Can Do](#)



<b>Cordell Blakkan</b>	100%
• European	100%

### Interpreting Ancestry Composition

[Review the Ancestry tutorial](#)  
[See Scientific Details](#)

#### + This report can tell you:

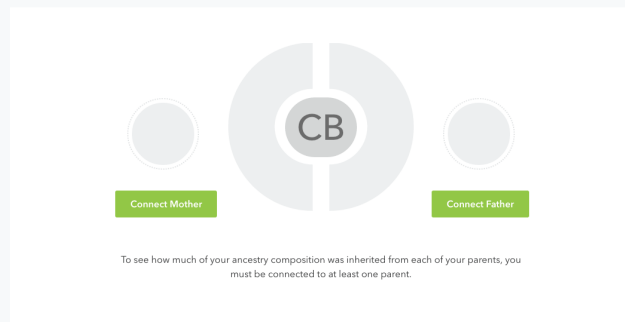
- The location and amount of your DNA that is similar to DNA from other people with known ancestry.
- How your ancestry was likely inherited from your biological parents (if at least one of them is linked to your profile.)

#### - This report cannot tell you:

- The precise origins of all of your ancestors. The results presented here are **estimates**, which may **change** over time as our algorithm improves.
- Ancestry estimates for populations for which we do not have sufficient data.

### Your ancestry by each parent

We can compare your ancestry composition to your parents and determine how much of each ancestry you inherited from each of your parents.



To see how much of your ancestry composition was inherited from each of your parents, you must be connected to at least one parent.

### Do more with your Ancestry Composition results.



Contribute to research and help us understand more about how DNA relates to genetics.

[Take survey](#)



Compare your results to your family and friends.

[Share and compare](#)



Join the discussion with other 23andMe customers interested in Ancestry Composition results.

[Discuss](#)

## Ancestry Composition

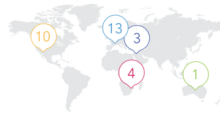
## Scientific Details

Ancestry Composition tells you the proportion of your DNA that comes from each of 31 populations worldwide. This analysis considers DNA you received from all of your ancestors on both sides of your family. The results reflect where your ancestors lived 500 years ago before ocean-crossing ships and airplanes came on the scene.

[Methodology](#)   [Your Genotype](#)   [About Inheritance](#)

Your Ancestry Composition is determined by comparing your DNA to public and private reference sets.

To determine your ancestry composition we use an algorithm that breaks up your DNA into short, non-overlapping segments. We then compare each segment to reference DNA sequences from **31 populations worldwide**. When the segment matches a specific population with a high degree of certainty, the segment is assigned to that population. Sometimes the segment matches several populations, in which case it is assigned to a broad area (e.g. Northwestern European) rather than a specific population. The results of all of these assignments are then tallied across your genome to determine your ancestry composition.

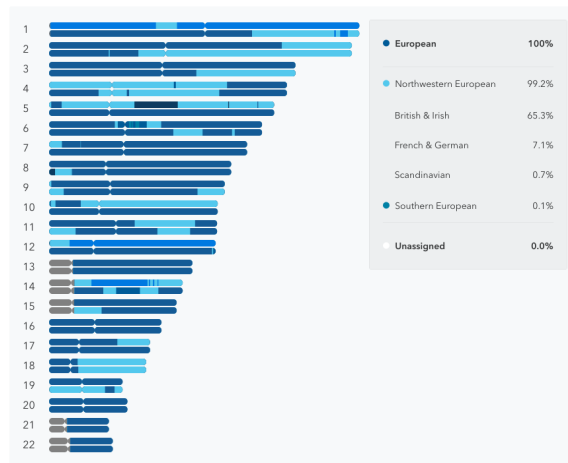


[Read more about how we assign your DNA to different ancestries](#)  
[See our reference populations](#)

## See how your Ancestry Composition looks across your DNA.

We assign populations at five different confidence levels that range from conservative to speculative.

You can interact with our assignments to better understand your genealogy.



## How did you inherit your ancestral populations?

In this analysis we provide you an estimate of whether a particular ancestry comes from one parent or from two parents.

### How do we know if an ancestry came from one parent or both?

- If you carry only one segment of an ancestry, you inherited it from one parent.
- If you have large overlapping segments of the same ancestry on both sides of a chromosome, you inherited it from both parents.
- If you have short overlapping segments or multiple segments that don't overlap, we calculate the likelihood of inheriting this ancestry from two parents.

## Change Log

Date	Change
July 24, 2015, 10:13 a.m.	Ancestry Composition results updated.