



YOU Focus Person 6800 cM (rounded)	Parent 50% 3400 cM	Grandparent Half-sibling 25% 1700 cM	Great Grandparent Half-aunt/ uncle Half-niece/ nephew 12.5% 850 cM	2nd Great Grandparent 6.25% 425 cM	3rd Great Grandparent 3.13% 212 cM	4th Great Grandparent 1.56% 106 cM	5th Great Grandparent .78% 53 cM	6th Great Grandparent .39% 26 cM	7th Great Grandparent .20% 13 cM
Parent	Sibling 50% 2640 cM (HIR)	Aunt/uncle Niece/nephew 25%	Great aunt/uncle 12.5%	2nd Great aunt/uncle 6.25%	3rd Great aunt/uncle 3.13%	4th Great aunt/uncle 1.56%	5th Great aunt/uncle .78%	6th Great aunt/uncle .40%	7th Great aunt/uncle .20%
Grandparent Half-sibling 25%	Aunt/uncle Niece/nephew 25%	1st cousin 12.5% (7.3–13.8)	1st cousin once removed 6.25%	1st cousin 2x removed 3.13%	1st cousin 3x removed 1.56%	1st cousin 4x removed .78%	1st cousin 5x removed .40%	1st cousin 6x removed .20%	1st cousin 7x removed .10%
Great Grandparent Half-aunt/ uncle Half-niece/ nephew 12.5%	Great aunt/uncle 12.5%	1st cousin once removed 6.25% (3.3–8.51)	2nd cousin 3.13% (2.85–5.04) >99% chance of match	2nd cousin once removed 1.56% (.57–2.54)	2nd cousin 2x removed .78%	2nd cousin 3x removed .40%	2nd cousin 4x removed .20%	2nd cousin 5x removed .10%	2nd cousin 6x removed .05%
2nd Great Grandparent 6.25%	2nd Great aunt/uncle 6.25%	1st cousin 2x removed 3.13%	2nd cousin once removed 1.56%	3rd cousin .78% (.3–2.0) 90% chance of match	3rd cousin once removed .40%	3rd cousin 2x removed .20%	3rd cousin 3x removed .10%	3rd cousin 4x removed .05%	3rd cousin 5x removed .025%
3rd Great Grandparent 3.13%	3rd Great aunt/uncle 3.13%	1st cousin 3x removed 1.56%	2nd cousin 2x removed .78%	3rd cousin once removed .40% (.11–1.32)	4th cousin .20% (.07–.5) >50% chance match	4th cousin once removed .10%	4th cousin 2x removed .05%	4th cousin 3x removed .025%	4th cousin 4x removed .013%
4th Great Grandparent 1.56%	4th Great aunt/uncle 1.56%	1st cousin 4x removed .78%	2nd cousin 3x removed .40%	3rd cousin 2x removed .20%	4th cousin once removed .10%	5th cousin .05% >10% chance match	5th cousin once removed .025%	5th cousin 2x removed .013%	5th cousin 3x removed .006%
5th Great Grandparent .78%	5th Great aunt/uncle .78%	1st cousin 5x removed .40%	2nd cousin 4x removed .20%	3rd cousin 3x removed .10%	4th cousin 2x removed .05%	5th cousin once removed .025%	6th cousin .013% 2% chance match	6th cousin once removed .006%	6th cousin 2x removed .003%
6th Great Grandparent .39%	6th Great aunt/uncle .40%	1st cousin 6x removed .20%	2nd cousin 5x removed .10%	3rd cousin 4x removed .05%	4th cousin 3x removed .025%	5th cousin 2x removed .013%	6th cousin once removed .006%	7th cousin .003%	7th cousin once removed .0015%
7th Great Grandparent .20%	7th Great aunt/uncle .20% 13.28 cM	1st cousin 7x removed .10% 6.64 cM	2nd cousin 6x removed .05% 3.32 cM	3rd cousin 5x removed .025% 1.66 cM	4th cousin 4x removed .013% .83 cM	5th cousin 3x removed .006% .42 cM	6th cousin 2x removed .003% .21 cM	7th cousin once removed .0015% .10 cM	8th cousin .001% .05 cM

Double-cousins and others with multiple biological relationships will likely share more than the percentage of DNA shown in this chart.

For more information see http://www.isogg.org/wiki/Autosomal_DNA_statistics#DNA_percentages.

Shared percentages are taken from many biology textbooks and with some fields completed by Debbie Parker Wayne based on calculations from the given percentages in those reference books as well as, "What is the average percent DNA share for different types of cousins," 23andMe Customer Care, posted 10 April 2012 (<https://customer.care.23andme.com/entries/21231991-what-is-the-average-percent-dna-shared-for-different-types-of-cousins> : accessed 31 October 2012) and "What percentage of our common ancestors' DNA do I share with my cousin?," Family Tree DNA FAQ ID #624 (<http://www.familytreedna.com/faq/answers.aspx?id=17#624> : accessed 31 October 2012). cM from Tim Janzen whose numbers are in ISOGG Wiki.