

According to the selected literature, the overall calculated risk associated with **males of european ancestry** are presented below.  
Note that these calculations may not include all risk factors. Downloaded from deCODEme.com on Feb 22 2009, 02:56 PM GMT.

### Risk based traits

Trait	Relative genetic risk	Lifetime risk	Population average lifetime risk	Fraction of population at less risk	Fraction of population at similar risk	Fraction of population at greater risk
Abdominal Aortic Aneurysm	0.77	13.0%	17.0%	0.0%	28.9%	71.1%
Age Related Macular Degeneration	2.89	23.1%	8.0%	89.3%	4.8%	6.0%
Alzheimer's Disease	1.74	10.5%	6.0%	69.6%	27.7%	2.8%
Asthma	1.00	12.8%	12.8%	29.7%	49.6%	20.7%
Atrial Fibrillation	0.82	20.6%	25.0%	0.0%	64.3%	35.7%
Basal Cell Carcinoma	0.53	18.4%	35.0%	0.0%	3.4%	96.6%
Bladder Cancer	0.89	3.7%	4.1%	6.4%	34.3%	59.3%
Celiac Disease	0.63	0.6%	1.0%	71.4%	2.3%	26.3%
Colorectal Cancer	1.09	6.5%	6.0%	53.7%	26.6%	19.7%
Crohn's Disease	0.70	0.3%	0.5%	29.9%	11.1%	59.1%
Essential Tremor	0.80	10.4%	13.0%	0.0%	62.4%	37.6%
Exfoliation Glaucoma	0.79	11.9%	15.0%	36.6%	35.3%	28.1%
Gallstones	0.90	6.3%	7.0%	0.0%	90.2%	9.8%
Gout	0.62	0.6%	1.0%	5.9%	31.2%	62.8%
Heart Attack	0.90	44.2%	49.0%	14.4%	35.9%	49.7%
Intracranial Aneurysm	0.79	3.9%	5.0%	11.3%	27.8%	60.9%
Lung Cancer	0.70	12.0%	17.2%	0.0%	8.4%	91.6%
Multiple Sclerosis	1.29	0.3%	0.2%	65.6%	14.7%	19.7%

Trait	Relative genetic risk	Lifetime risk	Population average lifetime risk	Fraction of population at less risk	Fraction of population at similar risk	Fraction of population at greater risk
<b>Obesity</b>	1.03	40.7%	39.5%	45.5%	26.0%	28.5%
<b>Peripheral Arterial Disease</b>	0.88	12.8%	14.5%	0.0%	43.6%	56.4%
<b>Prostate Cancer</b>	0.34	5.5%	16.0%	0.3%	1.3%	98.3%
<b>Psoriasis</b>	0.29	0.6%	2.0%	0.6%	6.5%	92.9%
<b>Restless Legs Syndrome</b>	1.75	12.3%	7.0%	85.5%	7.8%	6.7%
<b>Rheumatoid Arthritis</b>	2.32	2.3%	1.0%	89.9%	3.4%	6.7%
<b>Thyroid Cancer</b>	0.81	0.6%	0.8%	29.2%	22.5%	48.4%
<b>Type 1 Diabetes</b>	0.24	0.1%	0.4%	20.8%	3.3%	75.8%
<b>Type 2 Diabetes</b>	0.79	19.7%	25.0%	22.0%	19.7%	58.3%
<b>Venous Thromboembolism</b>	0.88	8.8%	10.0%	0.0%	92.2%	7.8%

## Other traits

Trait	Result based on your genetic code
<b>Alcohol Flush Reaction</b>	No alcohol flush reaction
<b>Bitter Taste Perception</b>	Likely taster of certain bitter flavors
<b>Hemochromatosis</b>	Normal iron metabolism
<b>Lactose Intolerance</b>	Unlikely to be lactose intolerant - can probably digest milk as an adult
<b>Male Pattern Baldness</b>	More likely to go bald before age 40
<b>Nicotine Dependence</b>	Less likely to become nicotine dependent (15% less chance) and more likely to remain a light smoker
<b>Warfarin Metabolism</b>	Missing data

Need something clarified? If so, please feel free to contact our experts at [consultant@decodeme.com](mailto:consultant@decodeme.com). Based on the nature of your questions, we may refer you to a genetic counselor.

This test was developed and its performance characteristics determined by the deCODE genetics Diagnostic Laboratory. It has not been cleared or approved by the U. S. Food and Drug Administration (FDA) and as such is not required to go through pre-market FDA review.