

Genes associated with breast cancer that are most often included in clinical genetic testing.

Gene:	Breast cancer risk (%)	Ovarian cancer risk (%)
BRCA1	50-80%	30-60%
BRCA2	50-80%	10-25%
PALB2	17 % at age 50 and 53% at age 80. <ul style="list-style-type: none"><li>• Varies depending on family history</li></ul>	Moderate to high risk
TP53		
CHEK2		
ATM	20-25%	
RAD51C	20-25%	Moderate to high risk
RAD51D	20-25%	Moderate to high risk
BARD1	20-25%	

As risk varies depending on other circumstances, such as family history, environmental factors, lifestyle factors and combination of genes, I would recommend not including specific numbers when addressing a patient's risk. Unless it's necessary.