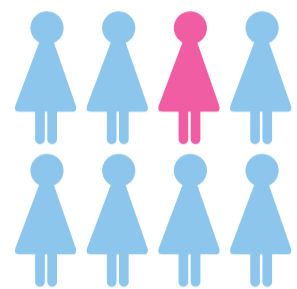


FACTS ABOUT

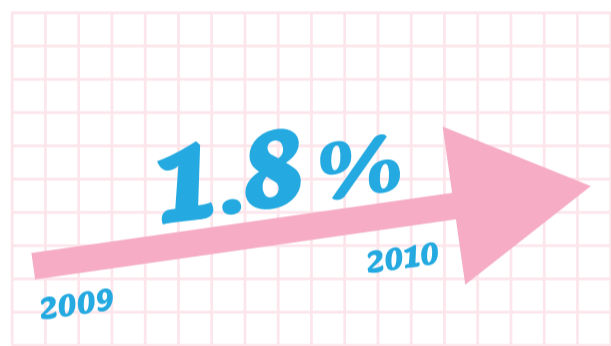
Mastectomy and Breast Cancer

Breast cancer affects **1 in 8** women.
NHS



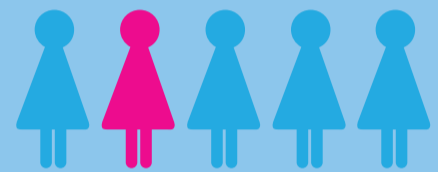
Breast cancer is the most common cancer in women in England. In 2010, **41,259** new cases were diagnosed, an increase of **1.8 per cent** (731 cases) compared to 2009.

Office for National Statistics

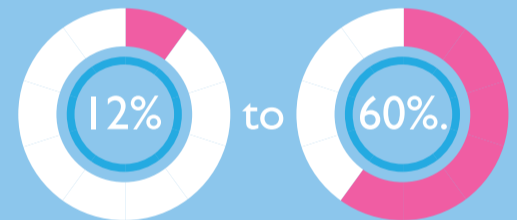


The **BRCA** genes are found in **1 in 5** people who go for testing, but only in **1%** of the general population.

NHS



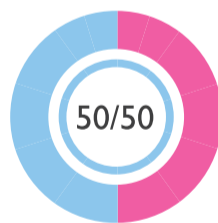
When the **BRCA** gene is present the risk of breast cancer rises from



Royal Marsden Hospital

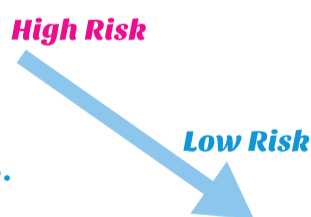
If you are a **BRCA** mutation carrier, your close relatives have a **50/50** risk of having the faulty **BRCA** gene.

Royal Marsden Hospital



A **mastectomy** will reduce the chance of breast cancer by **90-95%**.

Royal Marsden Hospital



Women who have a **BRCA1** gene mutation have a **60-90%** lifetime risk and women who have a **BRCA2** gene mutation have a **45-85%** lifetime risk. NHS



On average a woman has a **2%** chance of developing ovarian cancer in her lifetime, but with **BRCA1** you have a **40-60%** chance.

Royal Marsden Hospital



The three gene mutations found in **BRCA1** and **BRCA2** are estimated to be present in **1 in 50** Ashkenazi Jews. NHS

In **2010-2011**, over **18,000** mastectomies were carried out in England.* NHS

There were over **2,000** breast reconstruction operations between **2010** and **2011**. NHS

* The number of these that were preventative is unknown.