

# Flowchart of what Happens to Albertan Women who Screen over 5 Years (pg 1) and do not Screen over 5 Years (pg 2)

**Definitions**

100 Women:

- 5 year time period (2007-2011: for complete cancer registry data);
- Only women who screened at least twice during that time period;
  - Must have been Albertans from 2007 onwards;
  - Age 50-69 (age calculated at index screening date);
    - Using 5 year survival.

• \*Count only women alive for the 5 years or deceased due to breast cancer i.e. did not die from another cause.

85 Normal results:

- Women who had only normal results during the time range;
- Each woman will be only counted once, either in normal bubble or need more test bubble;
  - The screening results are from index exam: The latest most severe screening exam.

<1 missed cancer despite screening:

- Cancer within 2 years of normal index exam

84+ No cancer:

- Only normal results **and** no cancer within 2 years of index exam

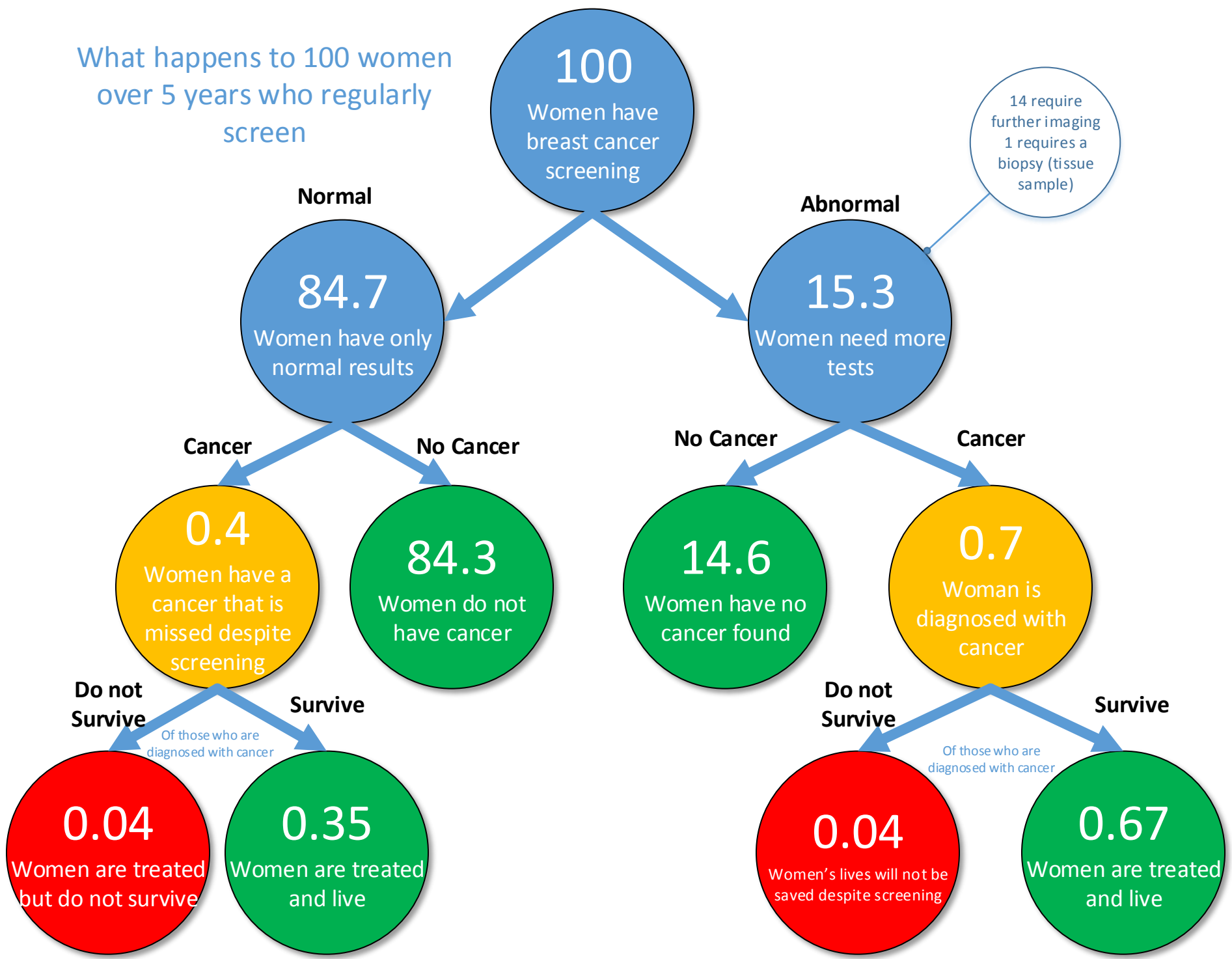
~2 in 17 (0.04/0.4) treated but do not survive:

- Only dies of breast cancer within 5 years of diagnosis

~15 in 17 (0.35/0.4) treated and live:

- Alive 5 years from diagnosis date

What happens to 100 women over 5 years who regularly screen



\*Note, there will be a small number of women who die before 5 years of diagnosis of reasons other than cancer, they will not be captured here for simplicity

**Definitions**

15 Need more tests:

- Had an abnormal on any of the screenings
- Biopsy bubble:*  
Of those needing more tests, had biopsy within 6 months of abnormal eg. 1/15 required biopsy

14+ no cancer found:

- Within 2 years of abnormal screen

<1 diagnosed with cancer:

- Diagnosed with breast cancer within 2 years of index exam

~1 in 17 (0.04/0.7) lives not saved:

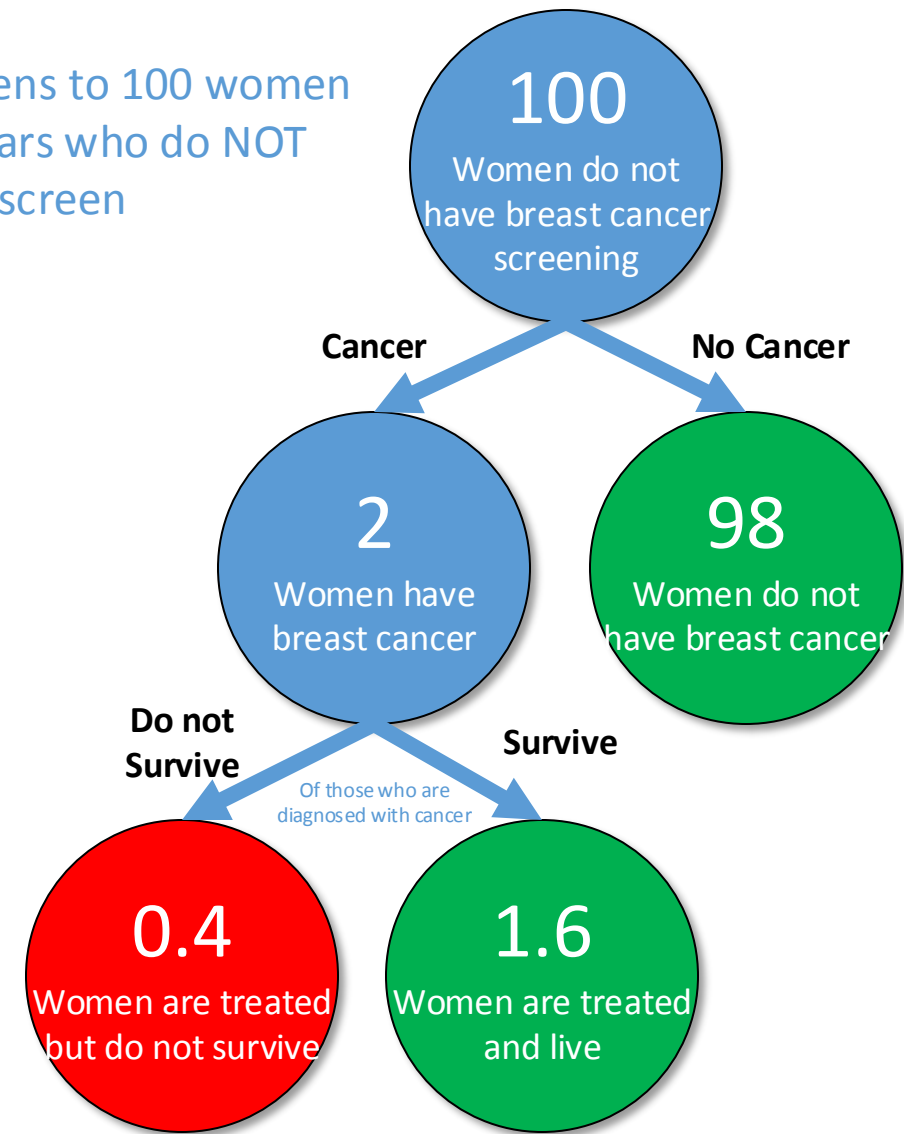
- Deceased of breast cancer within 5 years of diagnosis

~16 in 17 (0.67/0.7) saved:

- Alive within 5 years of diagnosis

See page 2 for what happens to women who do **not** screen over 5 years for comparison.

What happens to 100 women  
over 5 years who do NOT  
screen



## Definitions

### 100 Women:

- Same demographics as those who screen i.e. 5 year time period (2007-2011);
- Only women who did NOT screen during the time period;
- Have to be Albertans from 2007 onwards;
- Age 50-69 (age calculated at the middle year of 5-year period Jul/01/2009);
- Using 5 year survival.
- \*Count only women either alive throughout the 5 years or deceased due to breast cancer. i.e. did not die from another cause.

### 2 have breast cancer:

- Diagnosed with breast cancer during or within 2 years of the reference dates i.e. 2007-2013

### 98 do not have breast cancer:

- Not diagnosed with breast cancer during or within 2 years of the reference dates i.e. 2007-2013

### ~3 in 17 (0.4/2) treated but do not survive:

- Of those diagnosed, anyone deceased of breast cancer within the 5 years post diagnosis

### ~14 in 17 (1.6/2) treated and live:

- Of those diagnosed, anyone still alive after 5 years post diagnosis

\*Note: there will be a small number of women diagnosed with cancer but then die of another cause, they will not be displayed for simplicity.