

## Closer to Preventing Breast Cancer

Susan G. Komen for the Cure® has dedicated more than \$66 million of our \$685 million research portfolio to prevention research. Our first prevention grant was awarded in 1995 and we have funded prevention research every year since, totaling 154 grants to date. Our current portfolio includes 39 active research grants for prevention

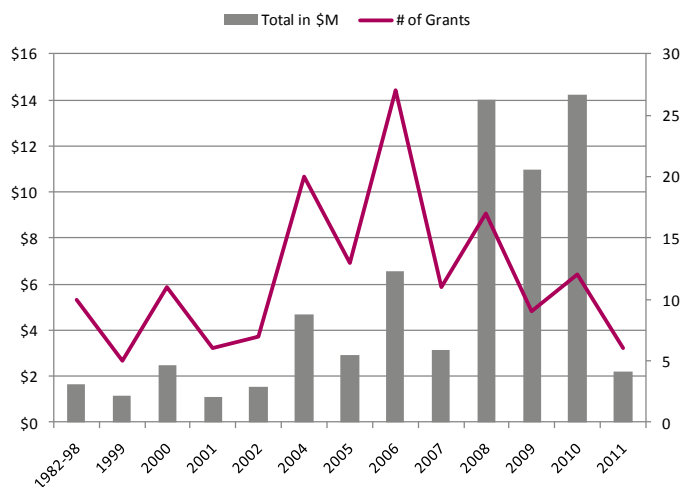
## More than Research

These research investments reflect only one part of our commitment to prevention. Komen for the Cure also provides support for other prevention initiatives such as I AM THE CURE and Affiliate education programs.

## Your Research Dollars at Work

Just as we have different treatments for breast cancer, we will likely find a number of different approaches for preventing breast cancer. Our research has focused on understanding breast cancer risks including lifestyle and behaviors and discovering new drugs and vaccines for prevention.

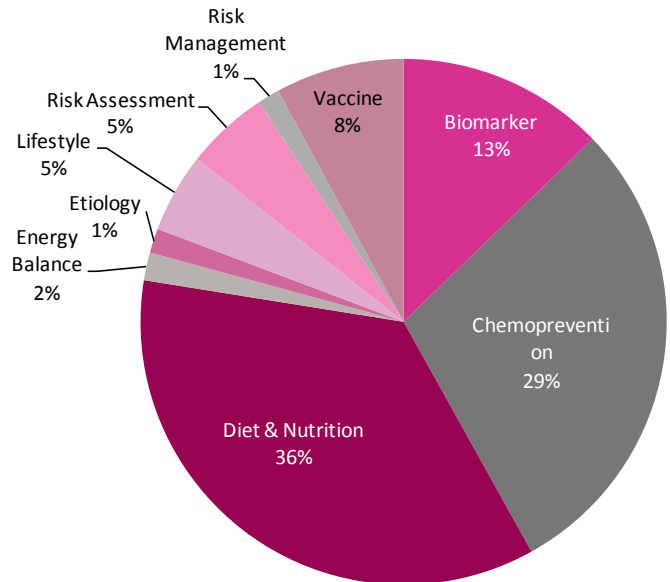
### Prevention Research Grants Awarded 1982-2011



*"Finding ways to prevent breast cancer from ever starting is absolutely critical if we are going to end breast cancer."*

—Ambassador Nancy G. Brinker

### Prevention Dollars by Topic 1982-2011



Total Investment in Prevention: \$66,567,928

Komen research is helping us to:

- Examine the potential association between folic acid in multi-vitamins and breast cancer risk
- Identify new biological markers (genetic codes in tissue or fluid) that will better predict how likely someone is to get breast cancer
- Predict who will benefit from chemotherapy before they are diagnosed with breast cancer to prevent cancer from ever developing or after treatment for breast cancer to prevent it from coming back (chemoprevention)
- Identify new vaccines and drugs, such as the diabetes drug metformin, that might prevent healthy cells from ever becoming cancer cells
- Understand the relationship between pregnancy, breastfeeding and breast cancer risk
- Understand whether natural products such as soy, brown seaweed, green tea or resveratrol found in red wine can reduce breast cancer risk
- Understand how maintaining a healthy weight through diet and exercise contributes to reducing your risk for breast cancer