



FACT CHECK **SU2C TEAM**

SU2C gets its message across with the help of lots and lots of statistics. Here's a complete list of facts and figures used in the big show. We cited them for you so you don't have to go searching for them. (You're welcome.)

A 1% reduction in cancer deaths would add \$500 billion into the US economy.

"The Value of Health and Longevity." Kevin M. Murphy, Robert H. Topel. Online at: <http://www.nber.org/papers/w11405>.

Imagine \$50 trillion; that's what we'll save by conquering cancer.

"The Value of Health and Longevity." Kevin M. Murphy, Robert H. Topel. Online at: <http://www.nber.org/papers/w11405>.

In spite of great advancements, cancer is the 2nd leading cause of death.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

In the United States, one in every four people die from cancer.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

1.45 million new cancer cases are expected to be diagnosed this year.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

4000 people are diagnosed with cancer each day.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Almost 165 people are diagnosed with cancer each hour.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Every minute, 3 people are diagnosed with cancer.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Every 60 seconds, another American dies of cancer.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Nearly 12 million Americans are living with a history of cancer today.

National Cancer Institute. Online at:
<http://www.cancer.gov/aboutnci/servingpeople/WhyItIsImportant/Slide4>.

10,730 new cases of childhood cancer will occur just in 2008, and nearly 1500 children with cancer will die in 2008.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Cancer is the 2nd leading cause of death in children ages 0-14.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

It takes approximately 6 years of research to develop a new cancer drug.

AACR/*Glamour*: "15 Things You Should Know About Cancer."

It can take up to 8 additional years to get that new drug to cancer patients.

AACR/*Glamour*: "15 Things You Should Know About Cancer."

Government spending for cancer research has declined 12% under the current administration in the last 4 years.

National Cancer Institute:
<http://www.cancer.gov/cancertopics/factsheet/NCI/research-funding>

The US government will spend approx \$4.79 billion on cancer research while spending

\$625 billion on nuclear weapons related activities.

National Institutes of Health and the Center for Arms Control and Non-proliferation:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>,
<http://members.aol.com/usregistry/allwars.htm>.

A dime in 1938 is the equivalent of \$1.50 today.

Currency calculator located here: <http://www.measuringworth.com/ppowerus/>.

The government only funds two in ten research proposals.

National Cancer Institute 2006 Factbook:
<http://obf.cancer.gov/financial/attachments/06Factbk.pdf>.

Colon cancer is the 3rd most common cancer diagnosed in the U.S. for both men and women.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

It is predicted there will be over 7 million cancer deaths worldwide this year. "Global Cancer Facts and Figures 2007." The American Cancer Society. Online at:
http://www.cancer.org/docroot/STT/content/STT_1x_Global_Cancer_Facts_and_Figures_2007.asp.

A new case of prostate cancer occurs every 2 ½ minutes.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

A man dies from prostate cancer every 19 minutes.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

More than 186,000 men in the US will be diagnosed with prostate cancer this year alone.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Approximately 2 million American men are currently living with prostate cancer.

Prostate Cancer Foundation:
http://www.prostatecancerfoundation.org/site/c.itlWK2OSG/b.189965/k.743F/FAQs_About

_Prostate_Cancer.htm.

A man is 35% more likely to be diagnosed with prostate cancer than a woman is to be diagnosed with breast cancer.

Prostate Cancer Foundation:
http://www.prostatecancerfoundation.org/site/c.itlWK2OSG/b.189965/k.743F/FAQs_About_Prostate_Cancer.htm.

In 2007, prostate cancer was the leading new site of cancer in African-American men.

"Cancer Facts and Figures for African Americans 2007-2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/CAFF2007AAacspdf2007.pdf>

Recently, a vaccine was created to prevent human papilloma virus (HPV) the cause of more than 90% of cervical cancer, in young women.

Centers for Disease Control: <http://www.cdc.gov/std/HPV/STDFact-HPV.htm>.

In 1982 the Surgeon General's Report stated "cigarette smoking is the major single cause of cancer mortality in the U.S." This statement is still true.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Tobacco accounts for over 1/3rd of all cancer deaths in the US.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Most Americans are more afraid of cancer than getting into a serious car accident, or violent crime or terrorist attacks.

LAF/AACR survey:
<http://www.aacr.org/home/public--media/news/news-archives-2003.aspx?d=206>

Although more than 40-thousand women die every year of breast cancer in this country that number is going down. One reason is because doctors and scientists are now able to breakdown tumors to the cellular level and target therapies accordingly.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Breast cancer is the most commonly diagnosed cancer in women.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:

<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

1 in 8 American women will be diagnosed with breast cancer during their lives. National Cancer Institute:

<http://www.cancer.gov/cancertopics/factsheet/Detection/probability-breast-cancer>.

African-American women are more likely to die from breast cancer than white women.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

The risk of getting breast cancer increases with age.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

190,000 Americans are diagnosed with breast cancer every year.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Breast cancer accounts for a quarter of all cancers among women.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Breast cancer kills more women in the United States than any cancer except lung cancer.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Deaths from breast cancer have decreased 2.2% since 1990.

American Cancer Society:
http://www.cancer.org/docroot/NWS/content/NWS_1_1x_Breast_Cancer_Report_Death_Rate_Incidence_Continue_to_Drop.asp.

Smoking is responsible for 87% of lung cancer deaths and lung cancer is the leading cause of cancer death and is one of the most difficult cancers to treat.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

In 2007 approximately 153,760 new cases of colorectal cancer were diagnosed.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

The five-year survival rate for colorectal cancer detected early is 90%.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Colorectal cancer kills almost 50,000 Americans every year.

"Cancer Facts and Figures 2008." The American Cancer Society. Online at:
<http://www.cancer.org/downloads/STT/2008CAFFfinalsecured.pdf>.

Cancer is the number-one natural cause of death for patients between the ages of 15-39.

Ulman Cancer Fund for Young Adults:
<http://www.ulmanfund.org/AboutUs/BackgroundInformation/YoungAdultCancerSurvivorship/tabid/67/Default.aspx>

Cancer kills over 550,000 Americans every year and approximately six million people worldwide.

"Cancer Facts and Figures 2008" AND "Global Cancer Facts and Figures 2007." The American Cancer Society. Online at:
http://www.cancer.org/downloads/STT/Global_Cancer_Facts_and_Figures_2007_rev.pdf.

Take cystic fibrosis, pediatric AIDS, asthma, and diabetes, put them together – cancer still kills more children than all of these diseases combined.

<http://www.childtrends.databank.org/indicators/63ChildMortality.cfm>

62,780 African Americans will die from cancer this year.

"Cancer Facts and Figures for African Americans 2007-2008." The American Cancer Society. Online at: <http://www.cancer.org/downloads/STT/CAFF2007AAacspdf2007.pdf>

Only twenty percent of breast cancers are HER-2 positive.

"The Distinctive Nature of HER2-Positive Breast Cancers." Harold J. Burstein, M.D., Ph.D. Online at: <http://content.nejm.org/cgi/content/full/353/16/1652>

Only 3% of US adults with cancer participate in clinical trials.

National Cancer Institute: <http://www.cancer.gov/clinicaltrials/resources/basicworkbook>