

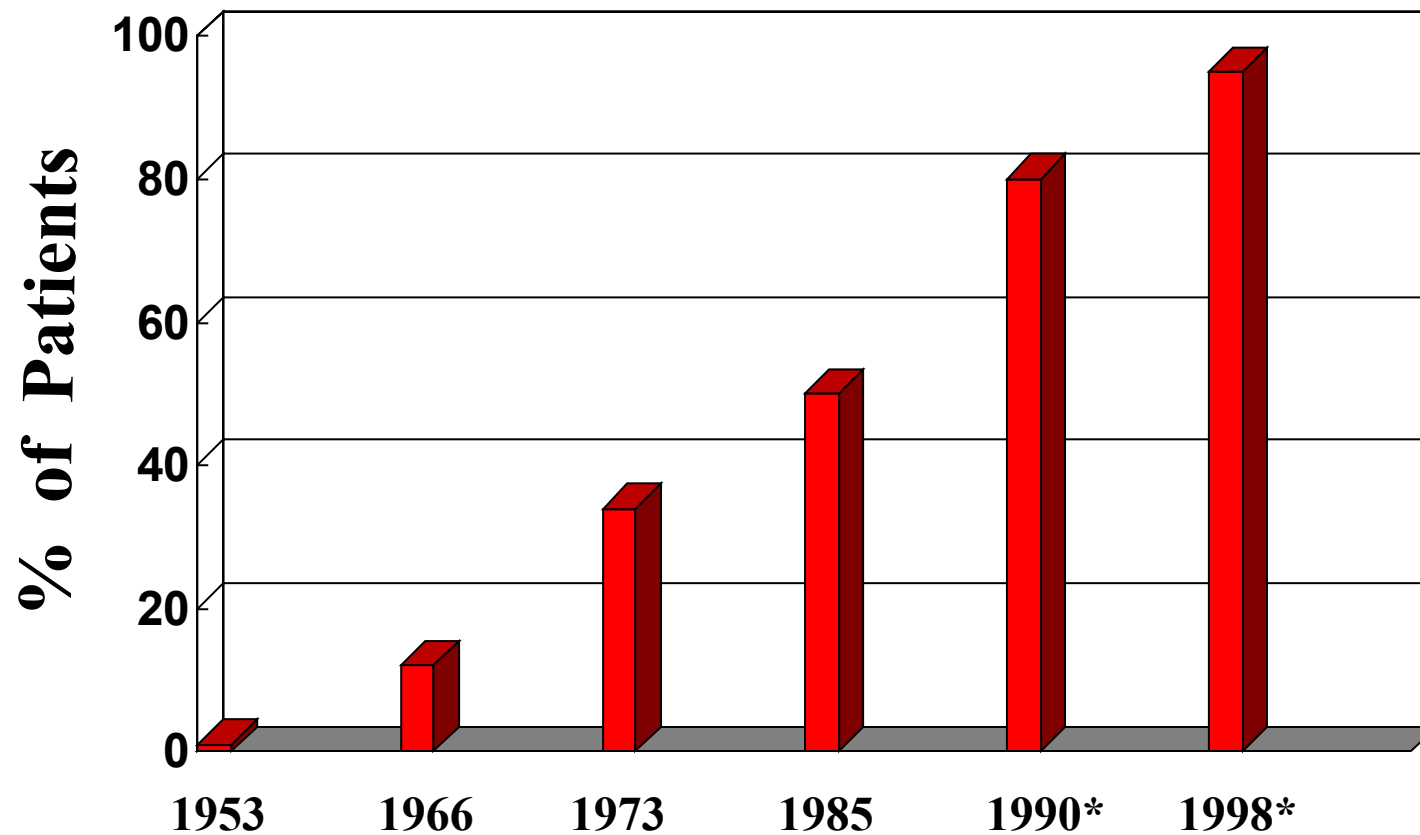
CHILDHOOD CANCER CARE 2000

The incidence of cancer in children and adolescents in the U.S. will continue to increase at an annual rate of ~1%.

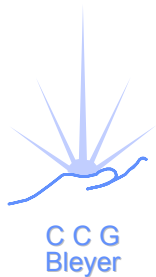
In the year 2000, nearly 12,500 new cases of cancer in the U.S. will be diagnosed among persons <20 years of age.

Pediatric Acute Lymphoblastic Leukemia

3-year Disease-Free Survival

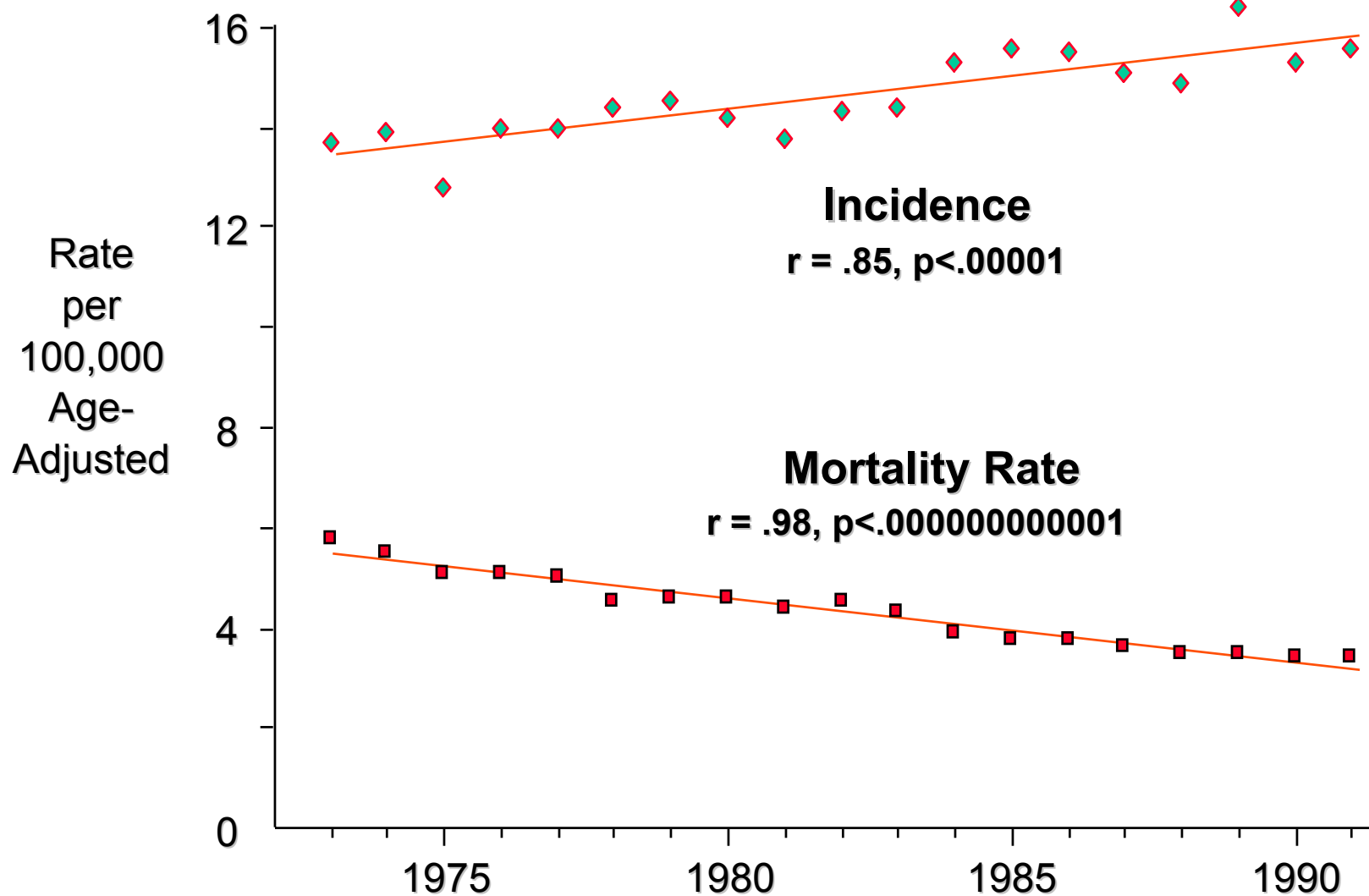


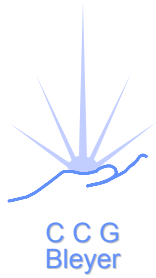
*Good & Average Risk Patients



Cancer Incidence and Mortality Rate

Age 0-19, U.S. SEER

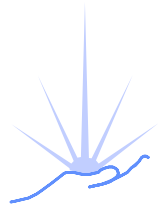




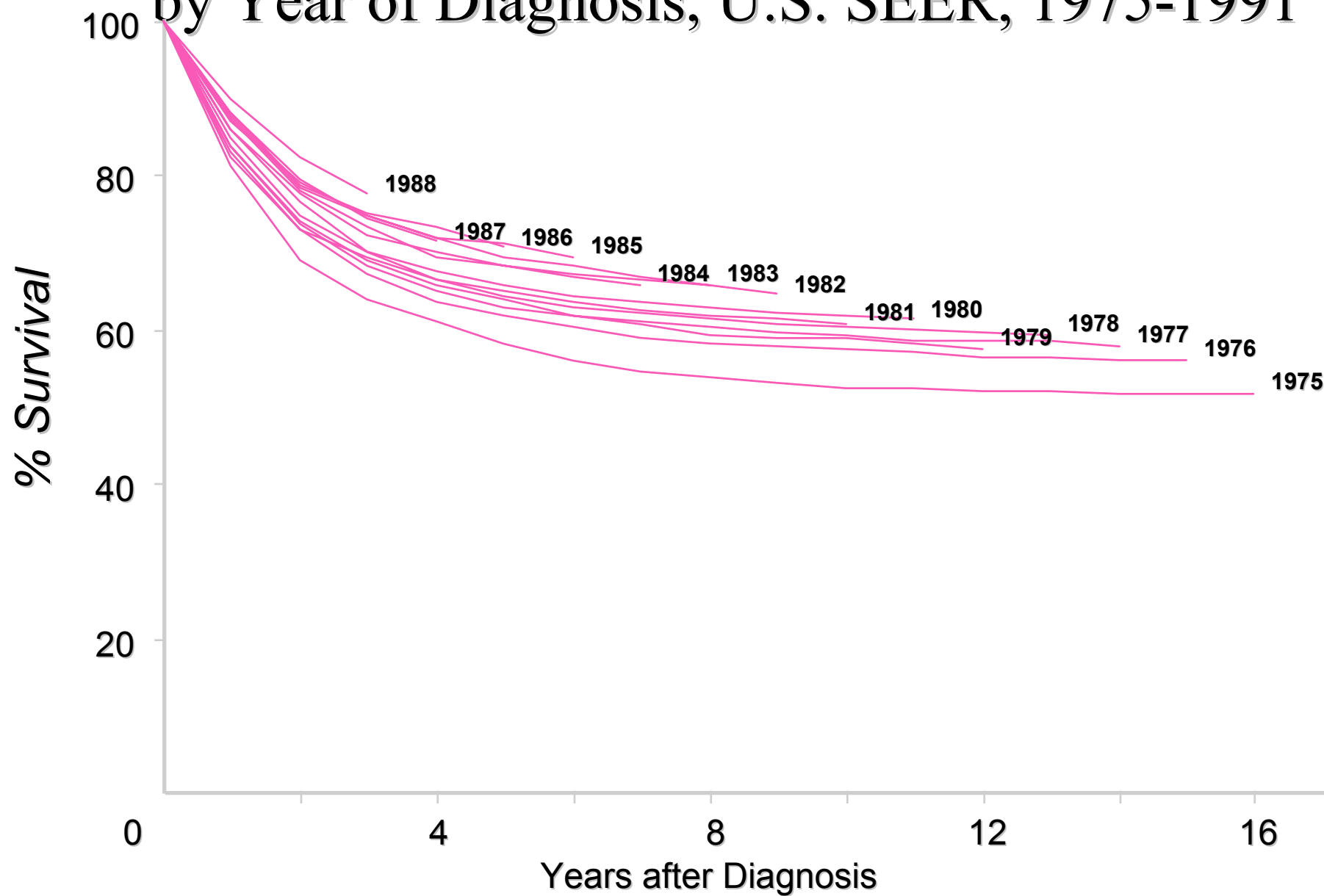
CHILDHOOD CANCER CARE 2000



The cancer cure rate
for children
and adolescents
will increase to
>85%

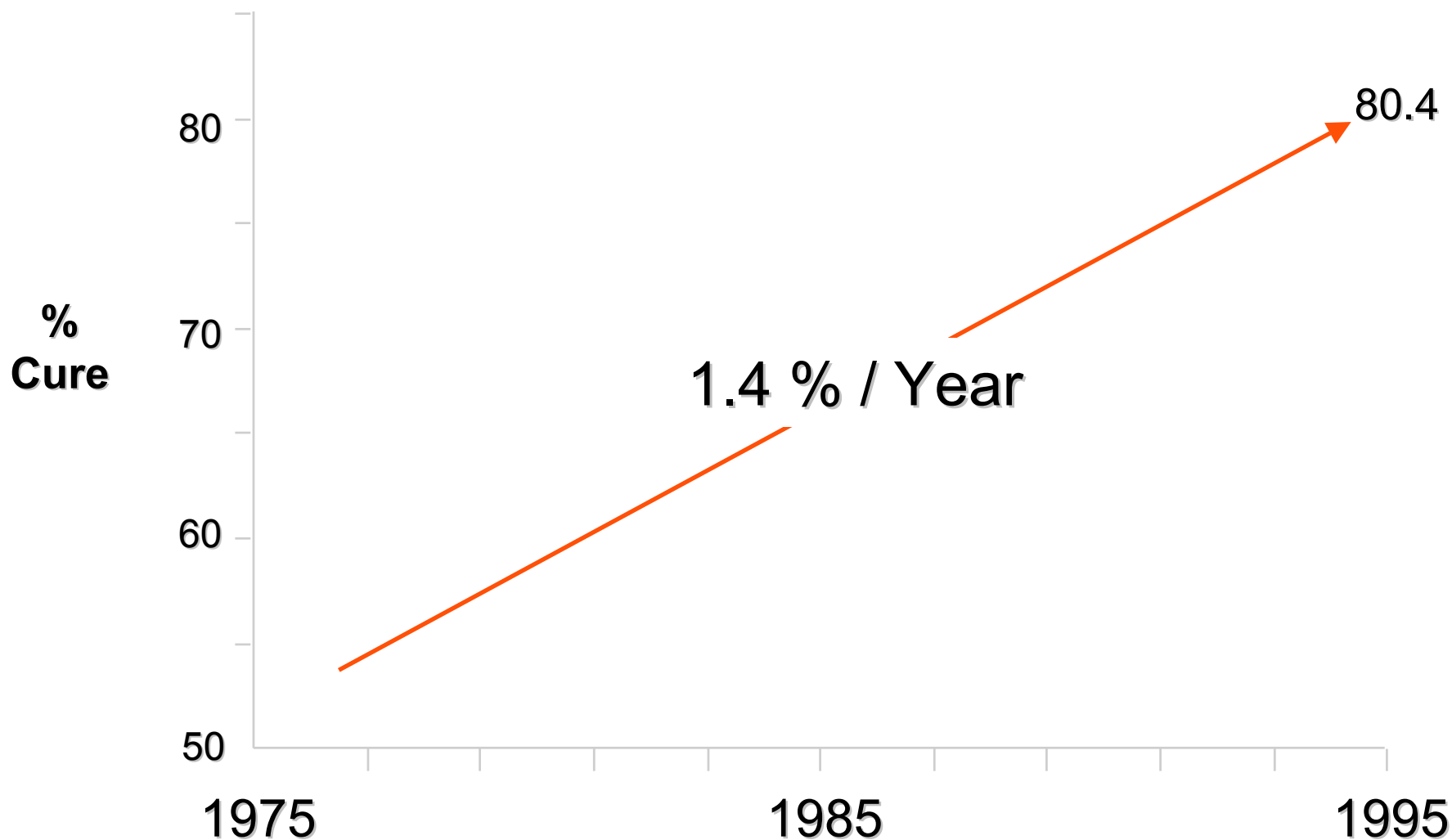


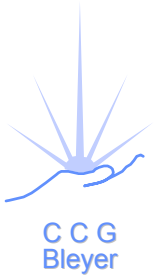
Survival of 0-19 Year-Olds with Cancer by Year of Diagnosis, U.S. SEER, 1975-1991



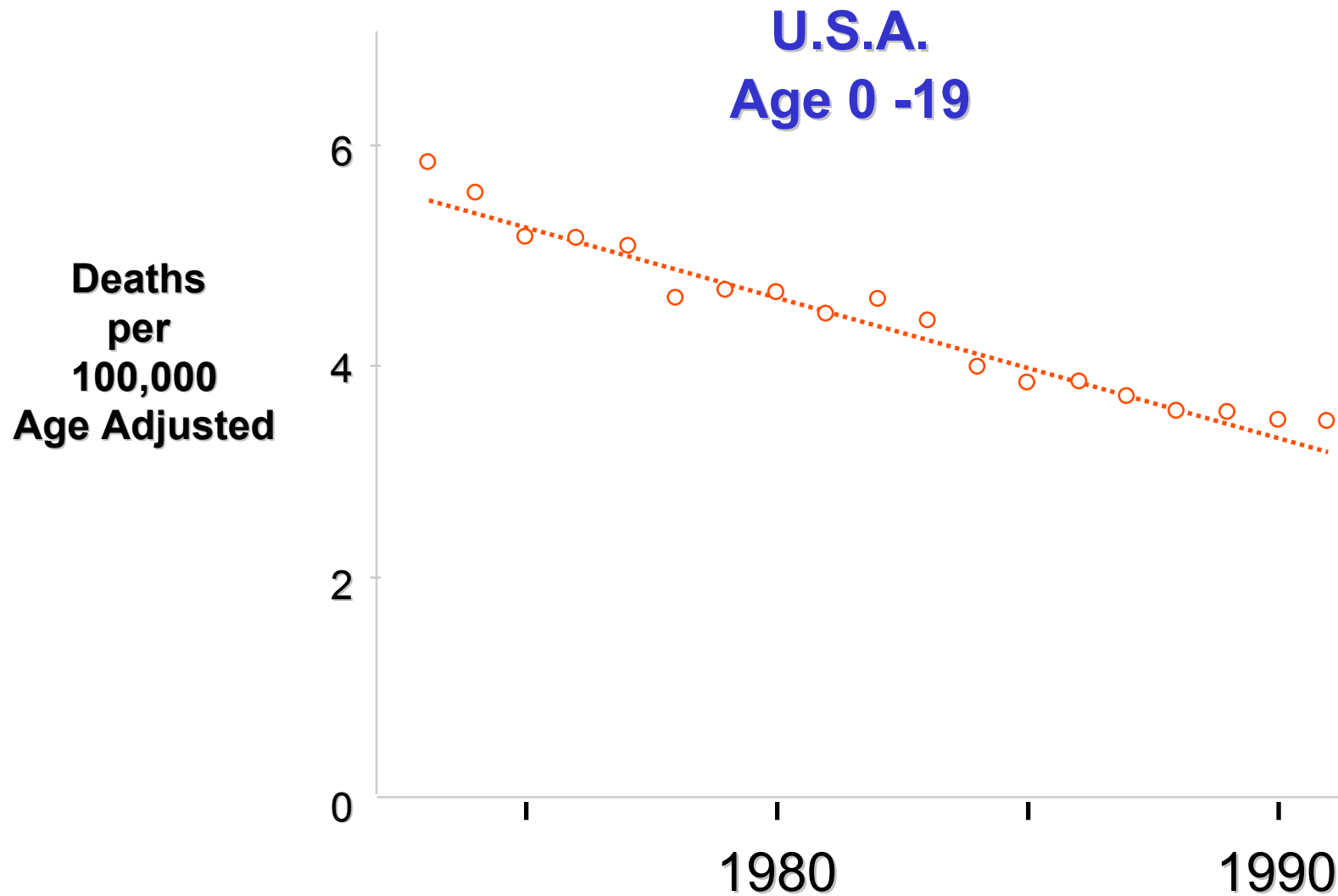


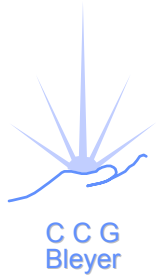
Increase in Cure Rate (Survival Plateau) has been Steady and Linear





Decline in Cancer Mortality Rate has been Steady and Linear

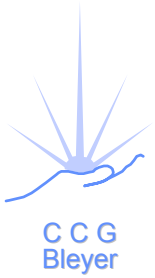




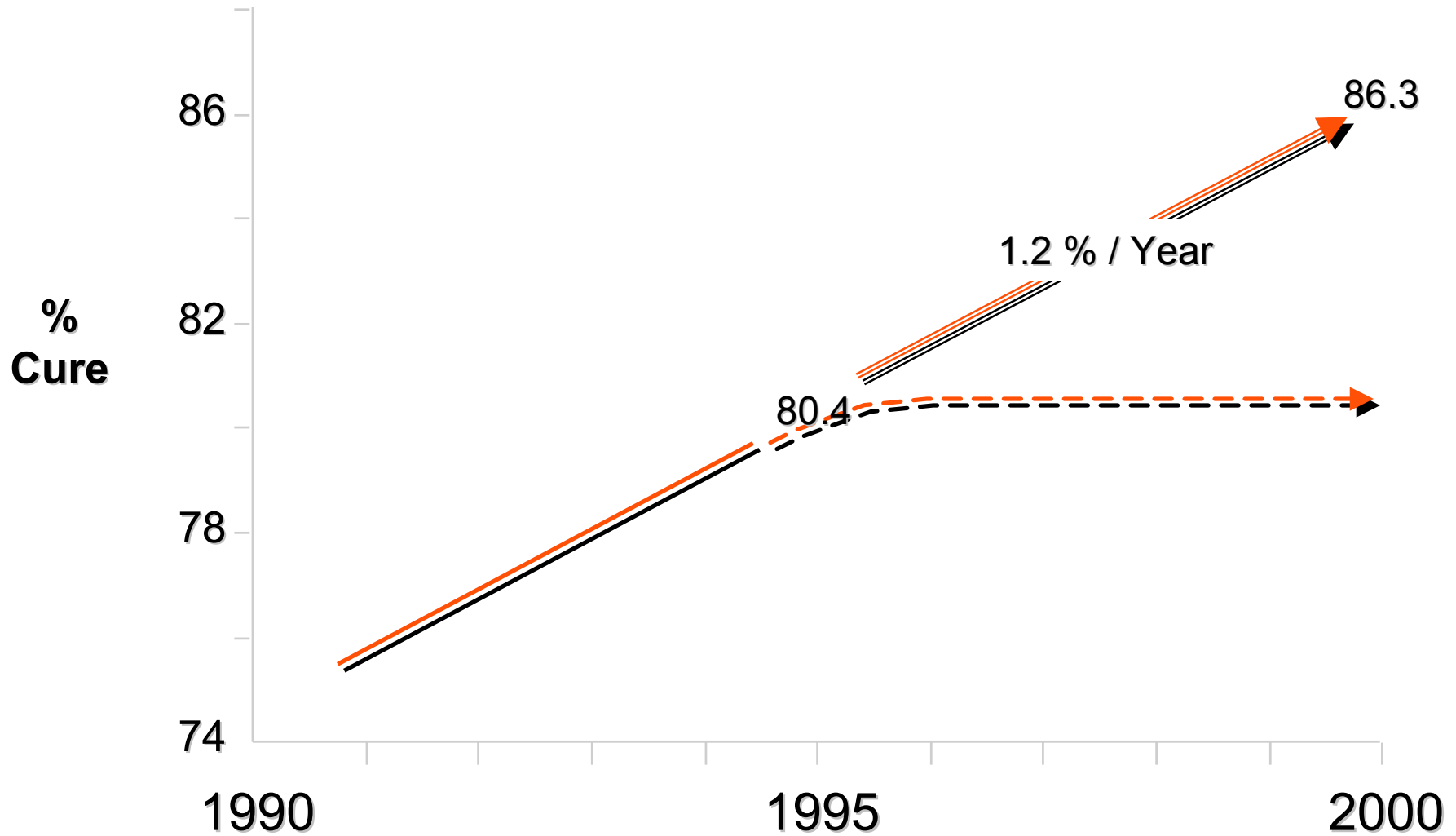
CHILDHOOD CANCER CARE 2000

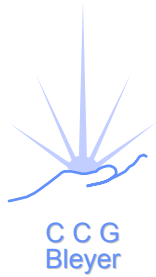


If biomedical research and clinical trials are curtailed, the current rate of improvement in the care of children and adolescents with cancer will cease.



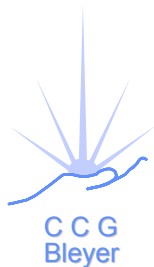
Scenario 2000





CHILDHOOD CANCER CARE 2000

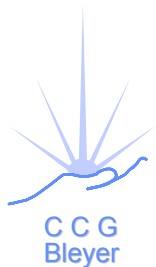
If the current rate of progress
is arrested,
>2,000 lives and
>150,000 person-years of life
will be lost
during the next five years.



Cost of Childhood Cancer vs. Other Diseases

per Year of Life Saved

Childhood Cancer	\$3,000
Screening for Common Diseases like Breast Cancer and Hypertension	\$10,000- \$100,000
Thrombolytic Rx for Acute Myocardial Infarct	\$33,000
Fireproofing Children's Pajamas	\$1,500,000
Screening Blood-Product Donors for Early HIV Infection (viremia phase)	\$10,000,000

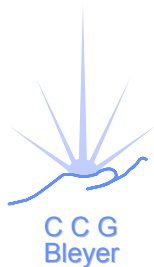


Cost of Childhood Cancer vs. Other Diseases (Continued)

per Year of Life Saved

Childhood Cancer	\$3,000
Cervical Cancer Screening for Women older than 60 years	\$11,000*
Breast Cancer Screening	\$17,000*
Construction Safety Rules	\$38,000*
Kidney Dialysis	\$46,000*
Cervical Cancer Screening for Women older than 20 years	\$224,000*

*Tengs TO, et al. Risk Anal 15:369,'95



Cost of Childhood Cancer vs. Other Diseases (Continued)

per Year of Life Saved

Childhood Cancer	\$3,000
Water Chlorination	\$4,000*
Cholesterol Screening for boys at age 10 years	\$6,500*
Heart Transplant	\$104,000*
Preventing Industrial Releases of Carcinogenic Emissions	\$2,500,000*
Seat Belts in School Buses	\$2,800,000*
Preventing Chloroform Releases from Pulp Mills	\$99,000,000,000*

*Tengs TO, et al. Risk Anal 15:369,'95