



# CAC2 Values

- ❖ Put the children and their families **first** in everything we do
- ❖ Support the members and the childhood cancer community while being mindful not to compete with members or to duplicate projects/programs/services that they provide
- ❖ Be accountable and take ownership of one's commitments within the collaborative
- ❖ Be cost effective with resources
- ❖ Be inclusive and collaborative
- ❖ Help give voice to the community, and amplify it in a coordinated fashion
- ❖ Stay action-oriented and flexible

# Children's Oncology Group

Project:EveryChild

CAC2 Overview  
March 2014

Peter C. Adamson, MD  
Chair, Children's Oncology Group  
The Children's Hospital of Philadelphia

**CHILDREN'S  
ONCOLOGY  
GROUP**

The world's childhood  
cancer experts



The Children's Oncology Group and its predecessor organizations have had a pivotal role in transforming childhood cancer from a virtually incurable disease 50 years ago to one with a combined 5-year survival rate of 80% today

Learn More ➤



Photo courtesy of Texas Children's Hospital Baylor College of Medicine

## For Patients and Families

The Children's Oncology Group provides [key information](#) to help support children and their families from the time of diagnosis, through treatment and following cure. Explore ways that COG can help.

Download the [COG Family Handbook](#).

## Finding A COG Center

Our experts in childhood cancer are available for children and families at children's hospitals, university medical centers and cancer centers throughout the United States and Canada, and at a growing number of international sites. Find a [Children's Oncology Group location](#) near you.

## Supporting Us

The Children's Oncology Group is dedicated to improving the outcome for all children with cancer. Our global research team needs your help to turn today's discoveries into tomorrow's cures. Learn how you can help be part of the cure.

## Research Collaborations

The Children's Oncology Group partners with research scientists from around the world in our efforts to understand the causes of cancer and find more effective treatments for the children we care for. Learn [how to become a member](#) of the Children's Oncology Group.

## Industry Partnership

Partner with the Children's Oncology Group from laboratory discovery to all phases of clinic trials. Our well-established clinical research infrastructure is dedicated to efficiently delivering results to help develop new treatments and provide the data necessary for filings with global regulatory agencies.

## Phase 1 Consortium

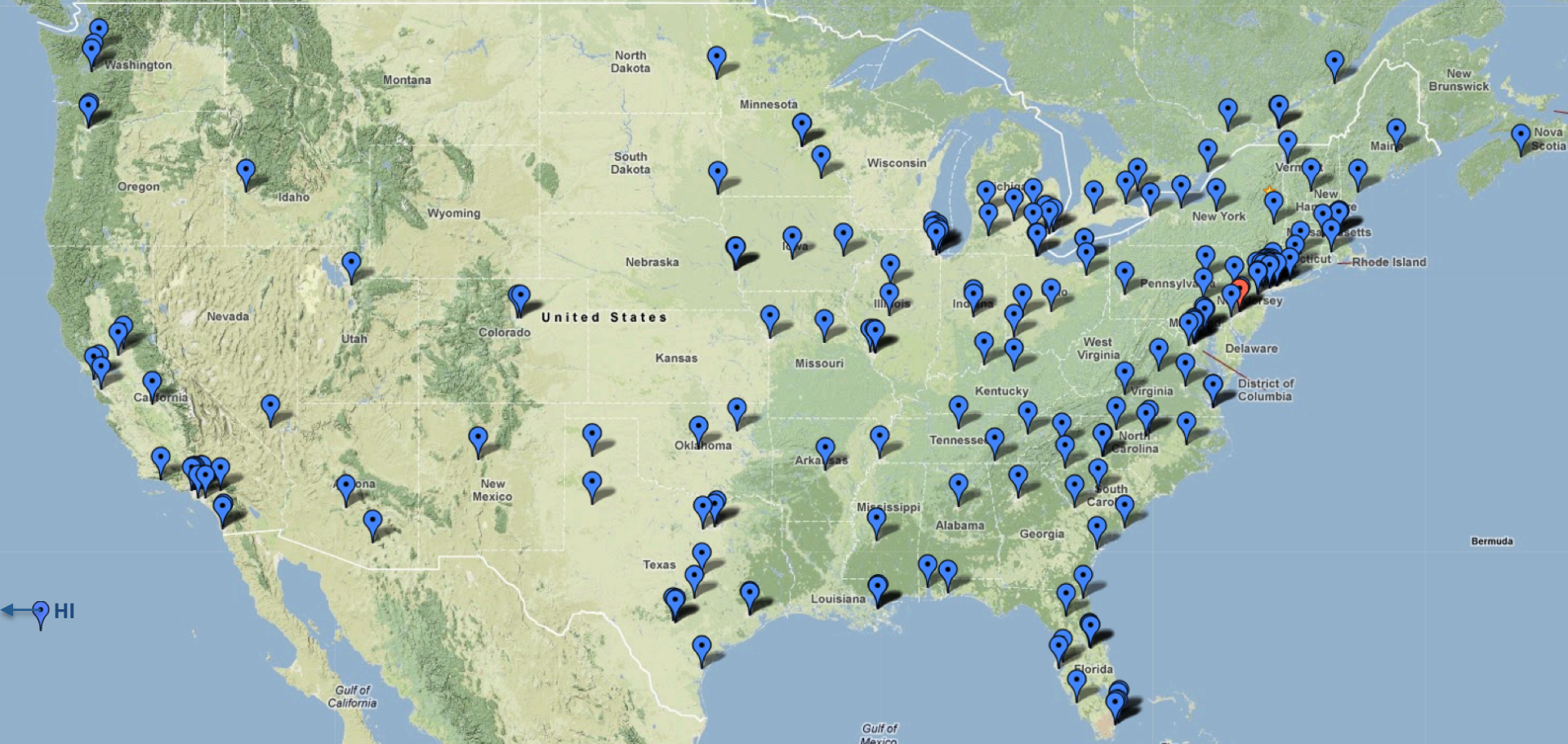
The Children's Oncology Group (COG) is the most experienced organization in the world in clinical development of new therapeutics for children and adolescents with cancer. The COG Phase 1 & Pilot Consortium is a limited institution consortium, comprised of 21 premier pediatric oncology programs in the country.

# Children's Oncology Group



**CHILDREN'S  
ONCOLOGY  
GROUP**

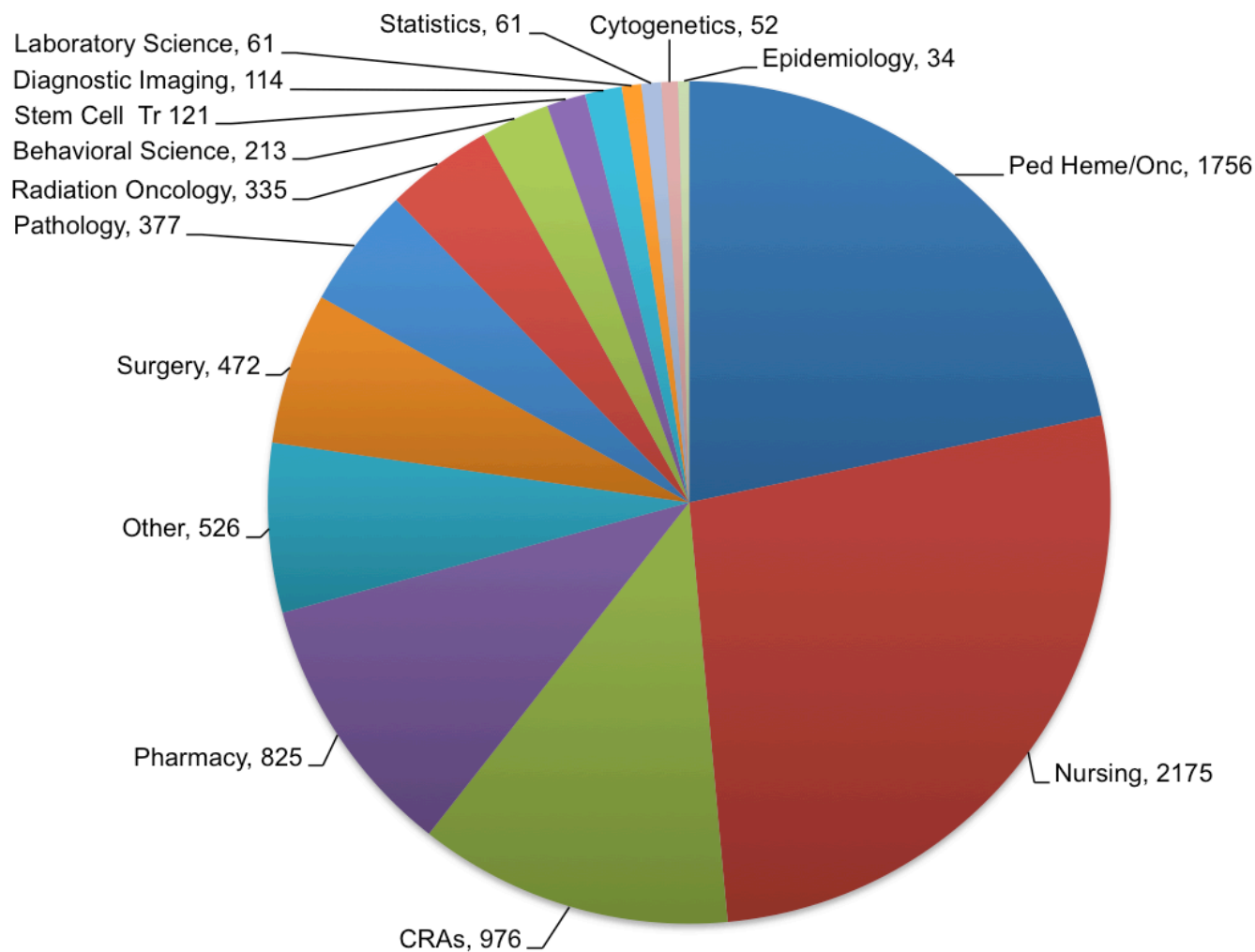
The world's childhood cancer experts



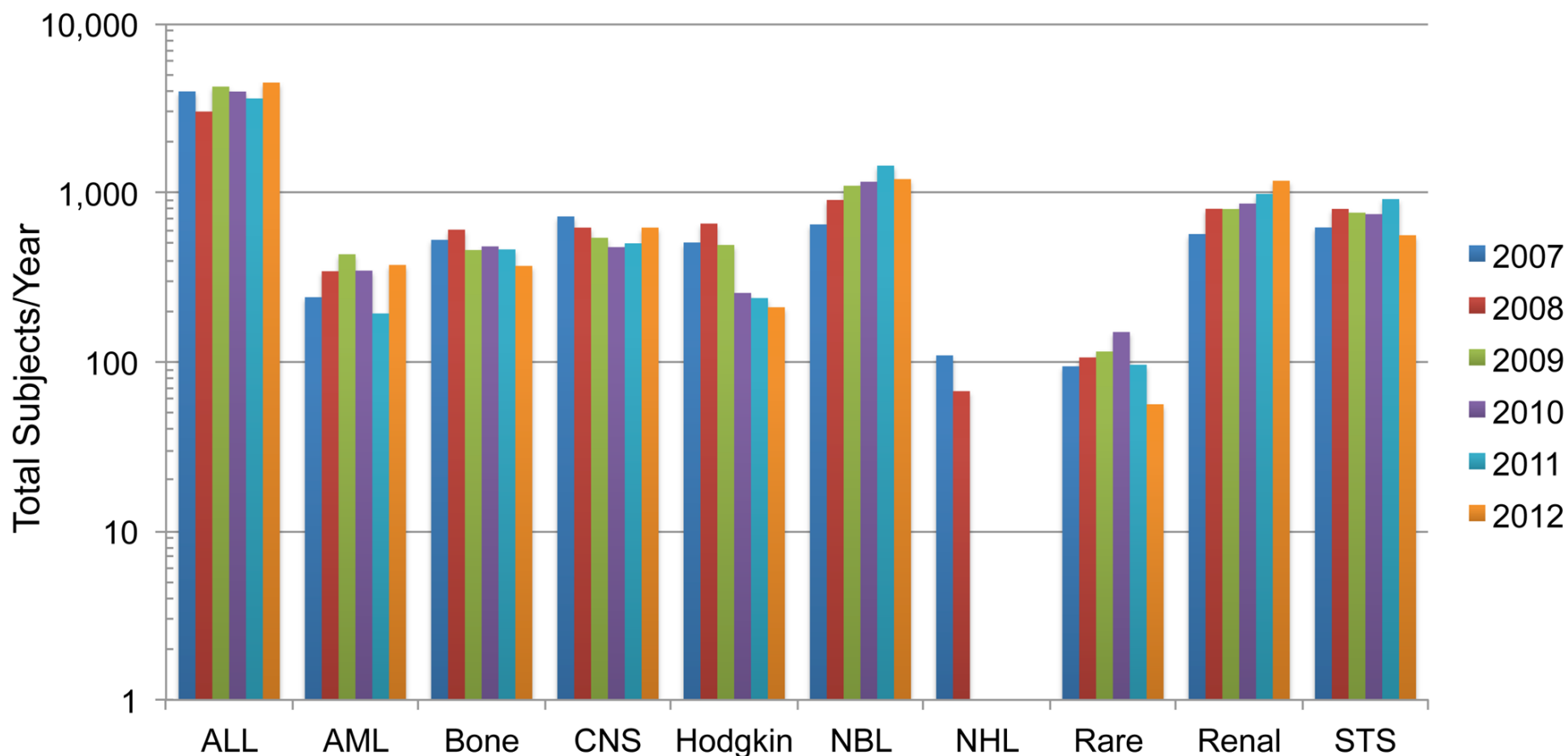
- ## Children's Oncology Group

- ~ 200 research sites throughout United States
- ~ 90% of children diagnosed with cancer in the US cared for at COG member site

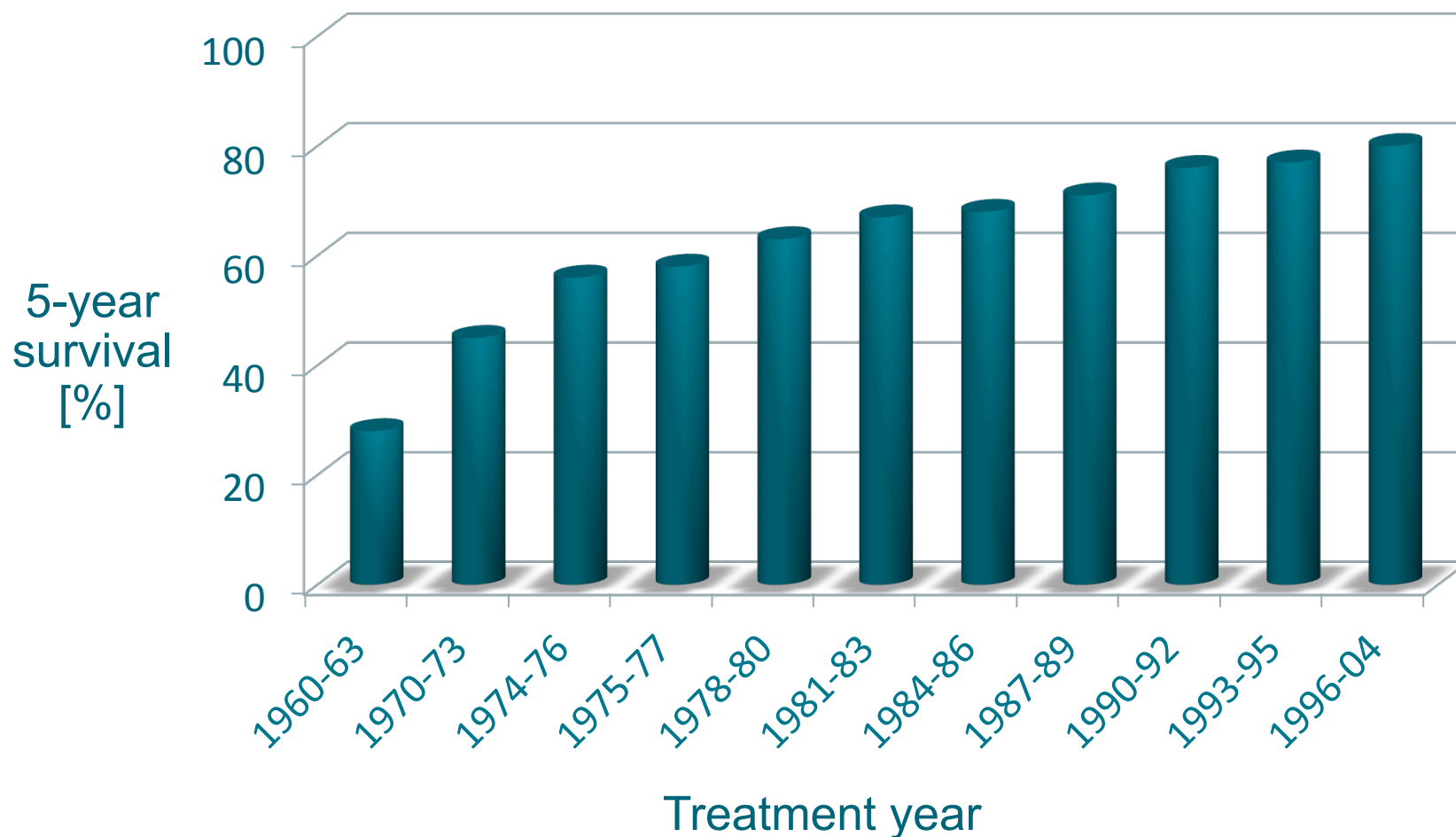
# COG Members



# COG Track Record of Accrual



# 5-Year Survival Rates



# Childhood Cancer

***Cancer remains the leading cause  
of death from disease in children***

# Challenges

- Improve cure rates
- Diminish acute toxicity
- Minimize risk for late effects

# Discovery Research

15 February 2001

# nature

ISSN 0028-280X

www.nature.com

## the human genome

### Nuclear fission

Five-dimensional  
energy landscapes

### Seafloor spreading

The view from under  
the Arctic ice

### Career prospects

Sequence creates new  
opportunities

**naturejobs**  
genomics special

# Science

16 February 2001

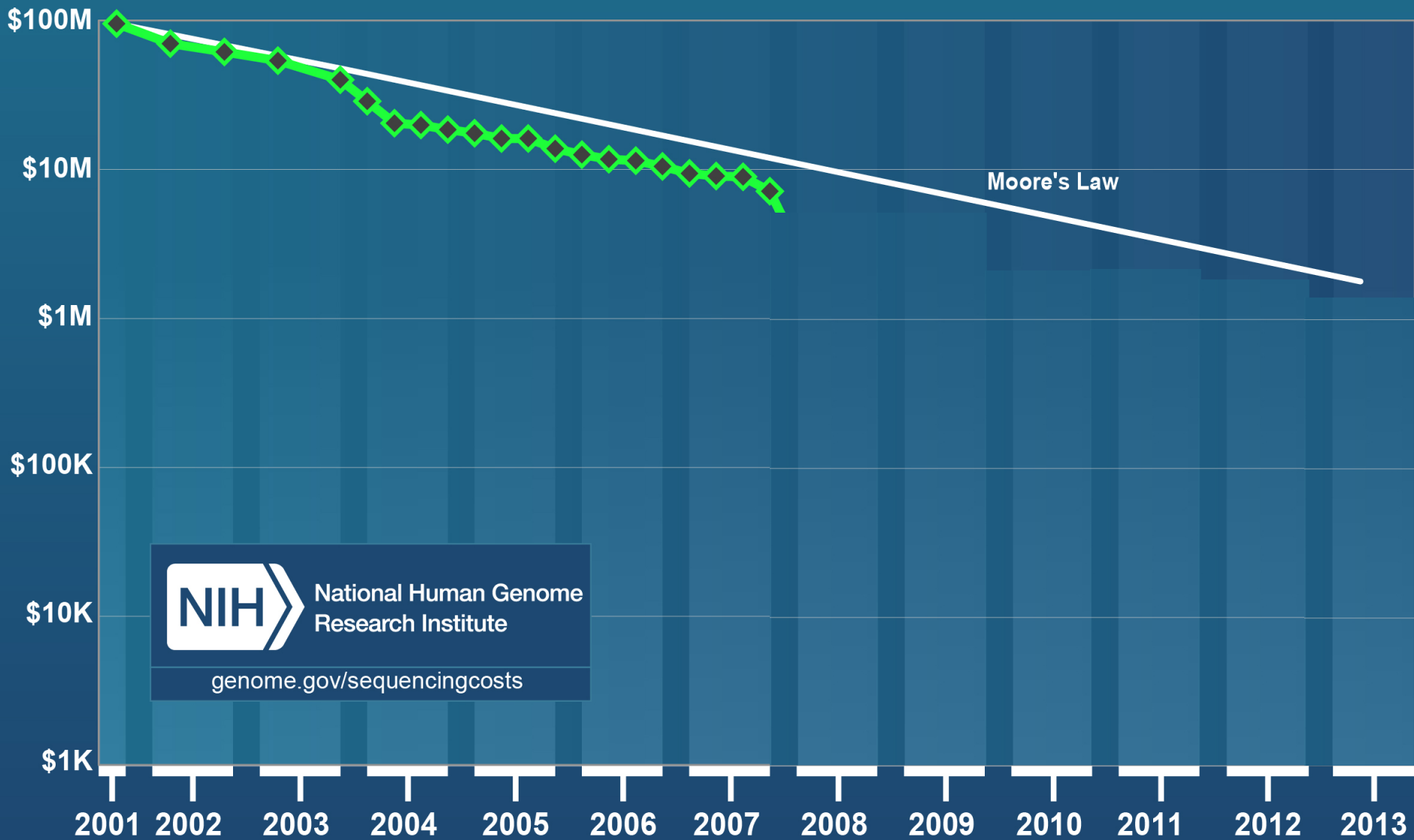
Vol. 291 No. 5507  
Pages 1145-1434 \$9

## THE HUMAN GENOME



AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

# Cost per Genome



The technology and costs of sequencing the human genome are no longer the limiting factors for discovery





# Cornerstone of Future Progress



# **CHILDREN'S ONCOLOGY GROUP**

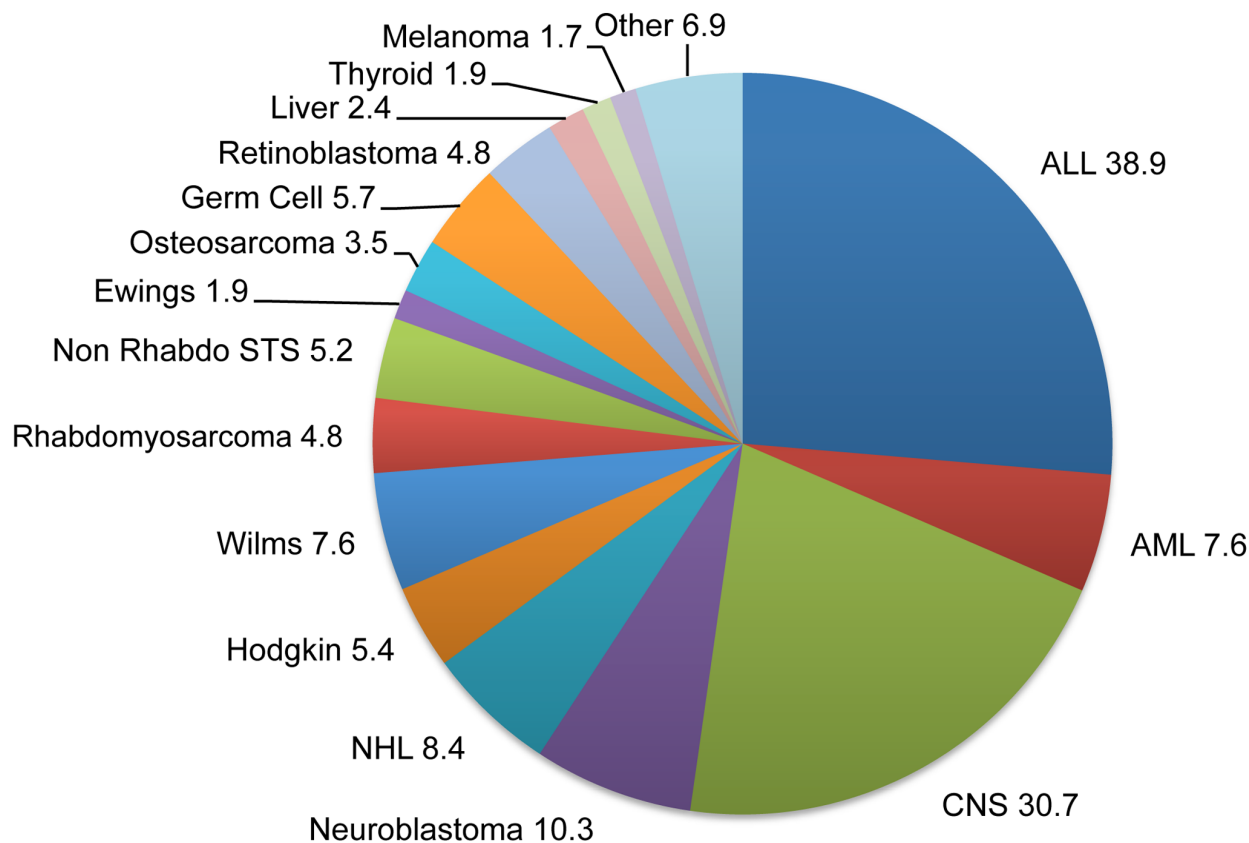
The world's childhood  
cancer experts

# COG Current Biology Protocols

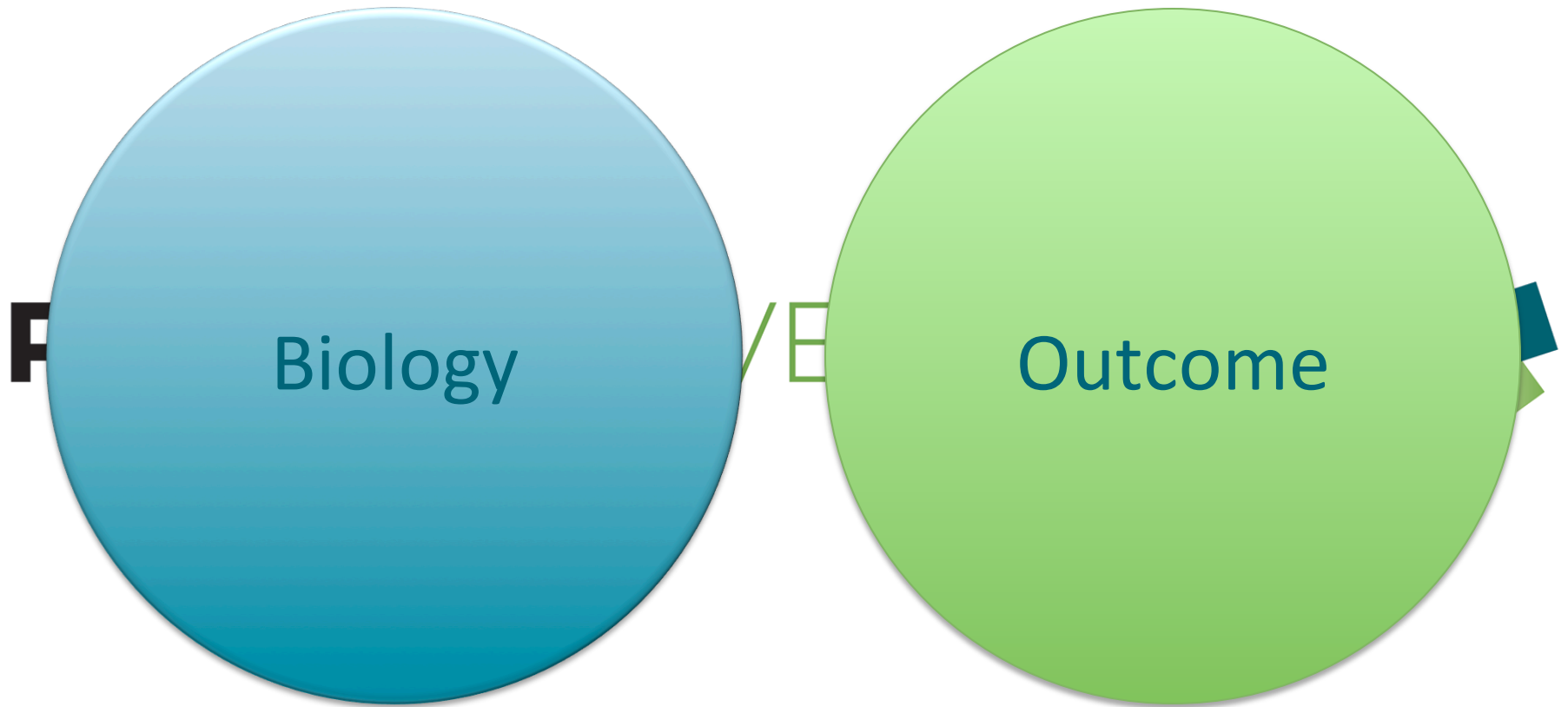
Protocol	Title
ACCRN07	Protocol for the Enrollment on the Official COG Registry, The Childhood Cancer Research Network (CCRN)
AALL05B1	A Children's Oncology Group Protocol for Collecting and Banking Relapsed Acute Lymphoblastic Leukemia Research Specimens
AALL08B1	Classification of Newly Diagnosed Acute Lymphoblastic Leukemia (ALL)
ACNS02B3	A Children's Oncology Group Protocol for Collecting and Banking Pediatric Brain Tumor Research Specimens
AEWS07B1	A Children's Oncology Group Protocol for Collecting and Banking Ewing Sarcoma Specimens
AHOD04B1	Hodgkin Disease Banking Study
ANBL00B1	Neuroblastoma Classification Biology Studies
AOST06B1	A Children's Oncology Group Protocol for Collecting and Banking Osteosarcoma Specimens
AREN03B2	Renal Tumors Classification, Biology, and Banking Study
AAML08B1	Biology Study of Transient Myeloproliferative Disorder (TMD) in Children with Down Syndrome (DS)
COG D9902	A COG Soft Tissue Sarcoma Diagnosis, Biology and Banking Protocol

*The COG has a demonstrated track record of collecting biospecimens linked to clinical trials for select diseases, but not all childhood cancers*

# Childhood Cancer



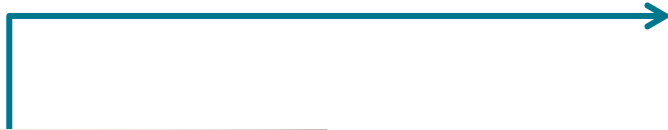
*Childhood cancers are a large collection of rare and ultra-rare diseases*



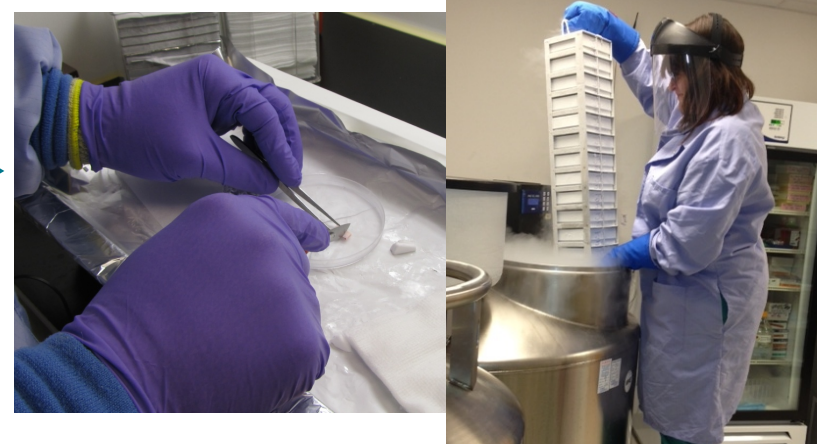
# PROJECT:EVERYCHILD



Biospecimens



COG Member Sites



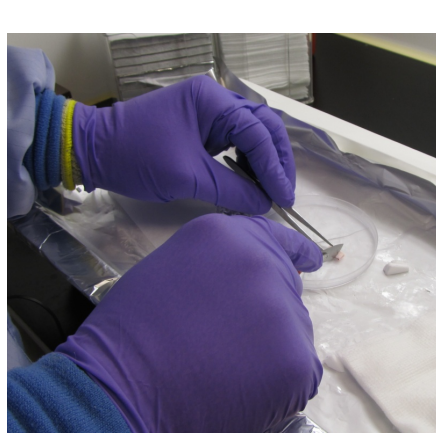
COG Biorepository

Outcome Data



COG Data Center

# PROJECT:EVERYCHILD



COG Biorepository



COG Data Center

Biospecimens

Outcome Data



Laboratories



# PROJECT:EVERYCHILD

## Every child deserves a cure.

Childhood cancer remains the most common cause of death from disease in children in the United States. **With your support,** the Children's Oncology Group's Project: EveryChild will change that.

HOW TO SUPPORT

### Discover

The Children's Oncology Group, the world's largest organization devoted to childhood and adolescent cancer research, will partner with families of children with cancer in Project: EveryChild to discover the cause of all childhood cancers.

### Lead

In Project: EveryChild, every type of childhood cancer, no matter how rare, will be studied by the more than 200 pediatric cancer programs of The Children's Oncology Group, as we lead the way towards better cures.

