



NCRI

National
Cancer
Research
Institute

Britain Against Cancer

1 December 2009

Session 2: Research & Technologies

Sir Kenneth Calman, NCRI Chair

Genesis of NCRI



The Cancer Plan for England (2000) created:

- National Cancer Research Institute (NCRI)
 - Funded by the partners
- National Cancer Research Network (NCRN)
 - With new government money

Both started in 2001

NCRI Mission



To coordinate research for the benefit of patients and public, leading to:

- Better prevention of cancer
- Earlier diagnosis of cancer
- Better, more cost-effective treatments for cancer patients
- Less inequality in cancer outcomes
- Improved health and quality of life for cancer survivors

NCRI Partners



researching the cure





Inequality

Inequity

Determinants of cancer



- Genetics
- Socio-economic
- Lifestyle
- Environment
- Health services

THE POTENTIAL FOR HEALTH

Examples of NCRI Initiatives



- Prevention
- Supportive and Palliative Care
- Prostate Cancer
- Radiotherapy
- Positron Emission Tomography (PET scanning)
- Biobanking
- Informatics

APPG Report on Inequalities (1)

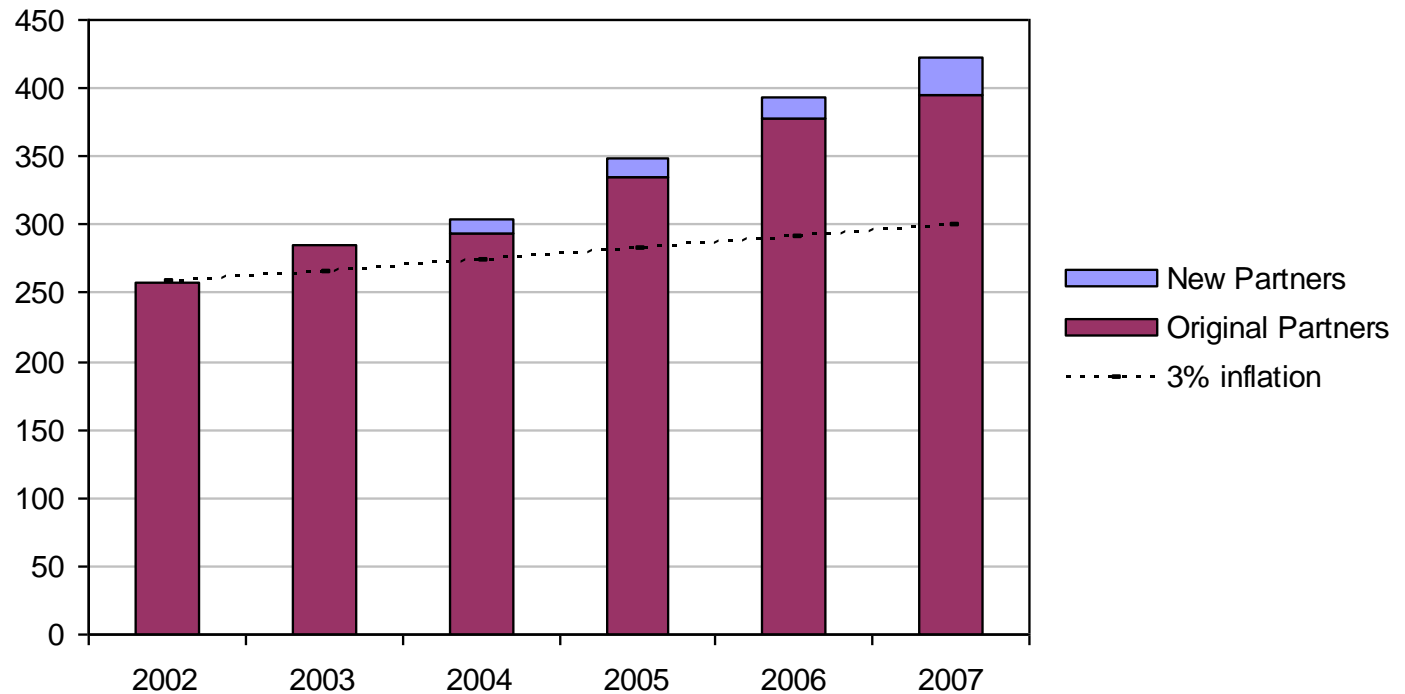


“NCRI should review the balance of its research portfolio between the ‘big four’ cancers (lung, prostate, breast and colorectal) and other cancers and publish this information”

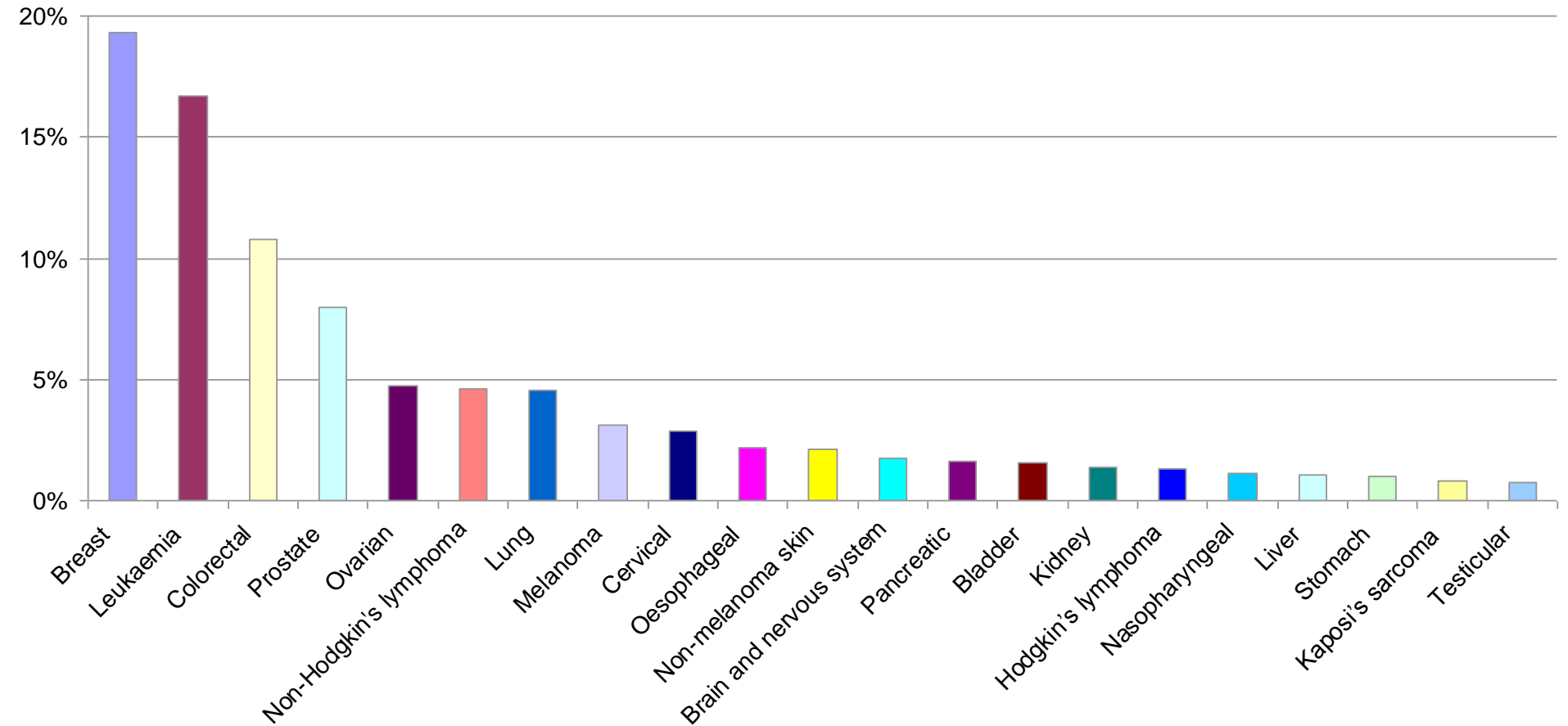
Cancer research spend by NCRl Partners 2002-2007



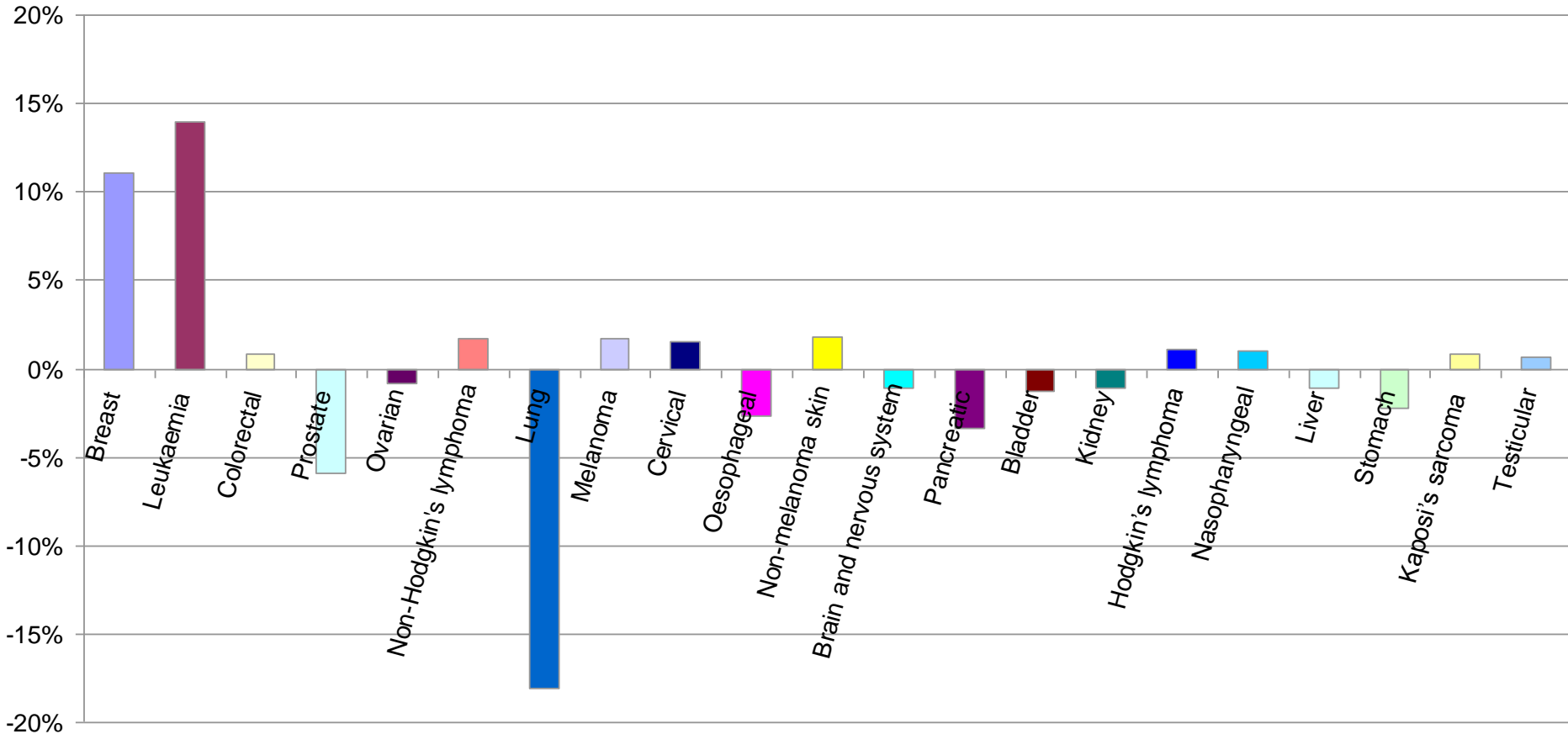
NCRI Partner spend 2002 - 2007



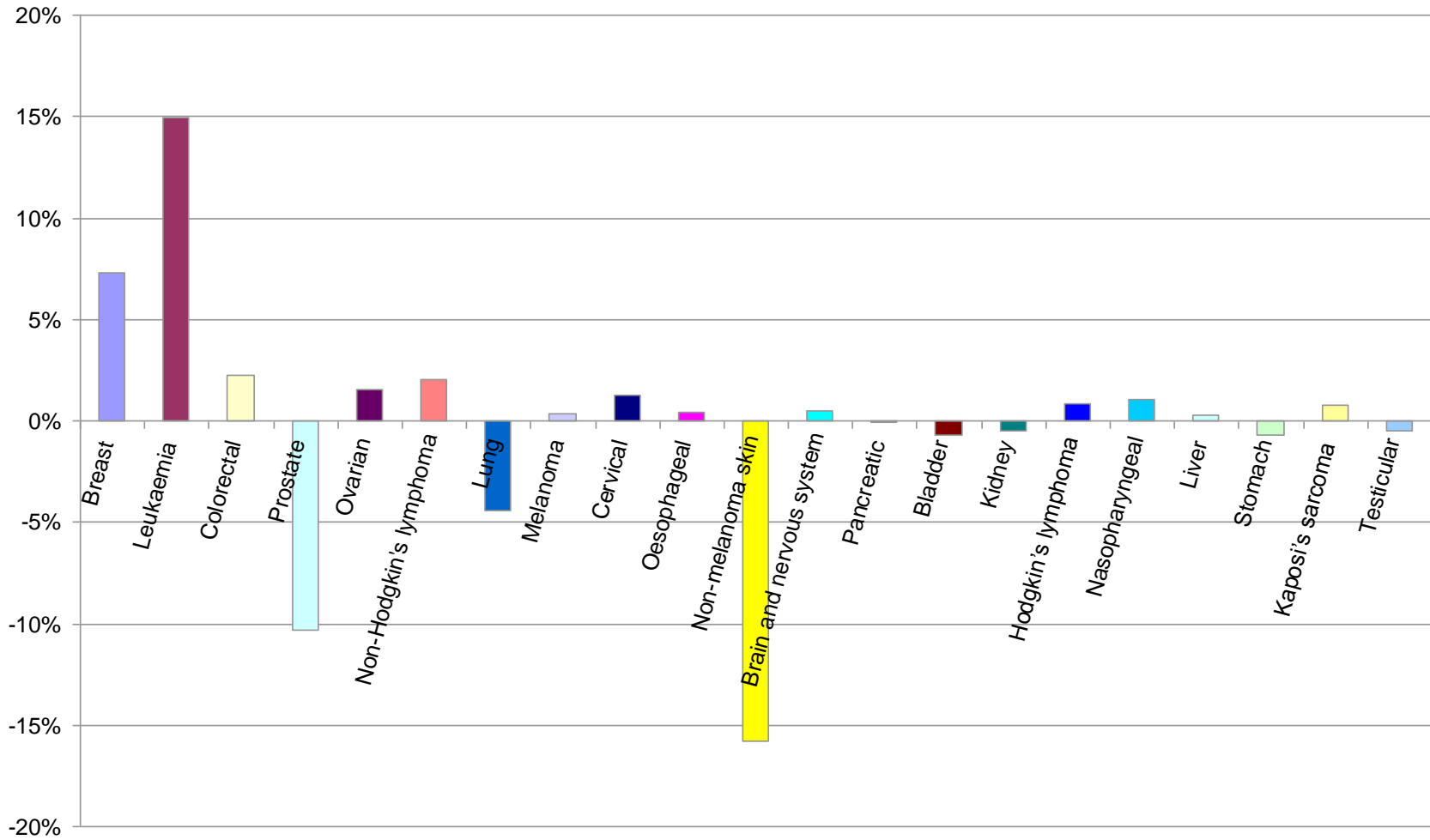
Relative funding by cancer site



Research spend versus mortality



Research spend versus incidence



Tackling rarer cancers



- Is there an ideal portfolio balance?
- International clinical trials
- Raise awareness of symptoms and aim for earlier diagnosis of all cancers
- Work with Cancer 52 group

APPG Report on Inequalities (2)



NCRI should “promote more research into why young people make unhealthy lifestyle decisions which significantly raise their risk of cancer”

National Prevention Research Initiative

Founded by NCRI in 2004

- Grown to 16 partners
- Managed by MRC
- £23m allocated to date
- Phase 4 being planned
- Expenditure on cancer prevention research doubled between 2002 and 2007

National Prevention Research Initiative

Focuses on lifestyle issues related to chronic disease causation:

- Smoking
- Diet & obesity
- Alcohol use
- Exercise

Research and technologies



- Early diagnosis and screening
 - Imaging and blood tests
- Environmental issues
 - Radiation and pollution
- Viruses
 - For example, cervical cancer



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