

# Inspiration to Innovation

- 80 years of the NHS and future challenges

Dr Gillian Holdsworth

Consultant in public health medicine, Co-Chair of  
BNMT

HealthLink Seminar – 7 Feb 2015

# The Beveridge Report

---

- British economist
- Progressive social reformer
- 1942 Social Insurance and Allied Services report
- Creation of NHS



# The giant evils in society

---

- Squalor
- Ignorance
- Want
- Idleness
- Disease



© Nick Hedges / National Media Museum, Bradford



- Universal health care free at the point of delivery
- High quality care for all now and for future generations
- Funded through central taxation - £121 billion 2012/13

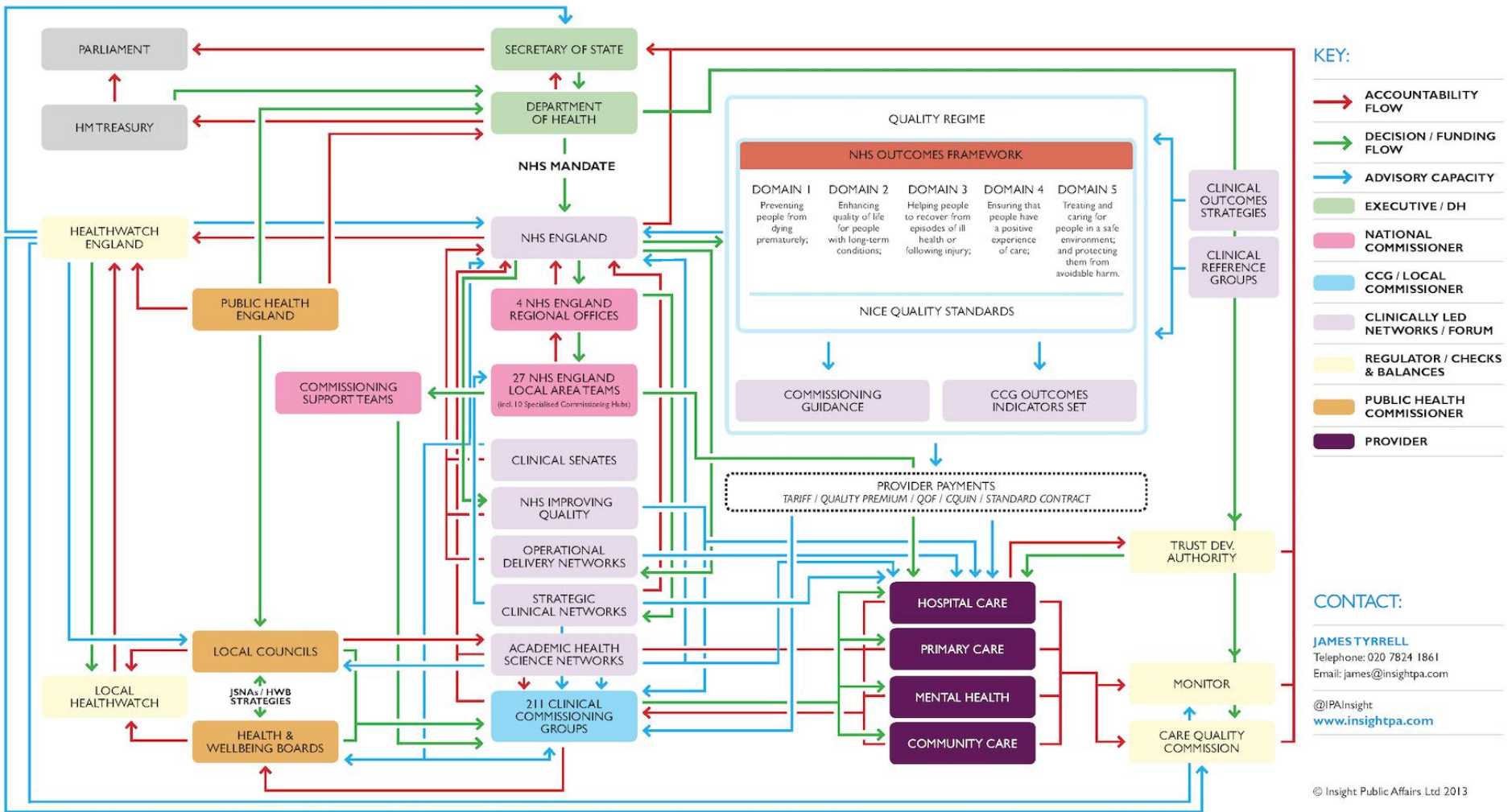


# The NHS

---

- The NHS treats 1m people every 36 hours
- 1990-2010 life expectancy increased by 4.2 years
- The difference in life expectancy between the richest and poorest parts of the country is now 17 years
- One quarter of the population has a long term condition
  - diabetes, depression, dementia, high BP
- 800,000 people are now living with dementia
- 80% of deaths attributable to lifestyle factors – alcohol, smoking, poor diet

# 2013 NHS STRUCTURE



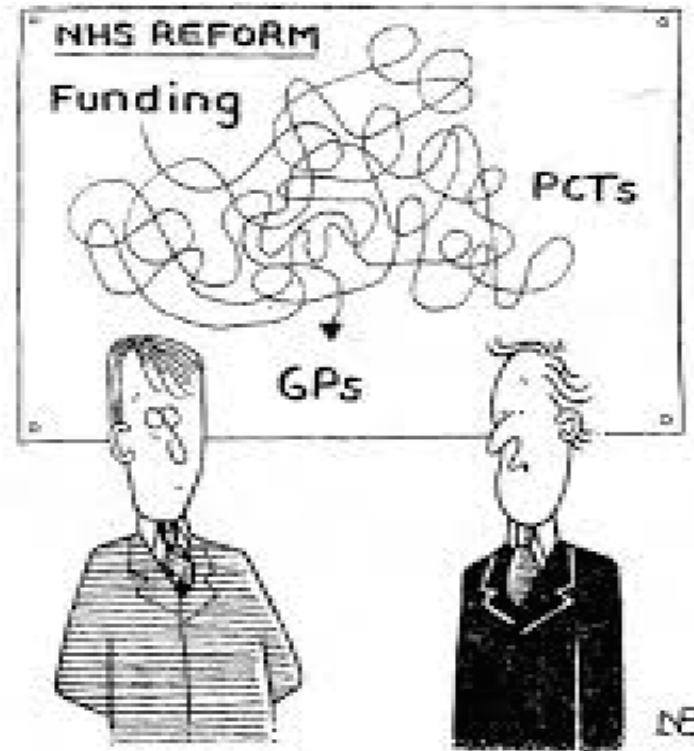
**CONTACT:**

**JAMES TYRRELL**  
 Telephone: 020 7824 1861  
 Email: james@insightpa.com

@IPAInsight  
[www.insightpa.com](http://www.insightpa.com)

# Politics v evidence

---



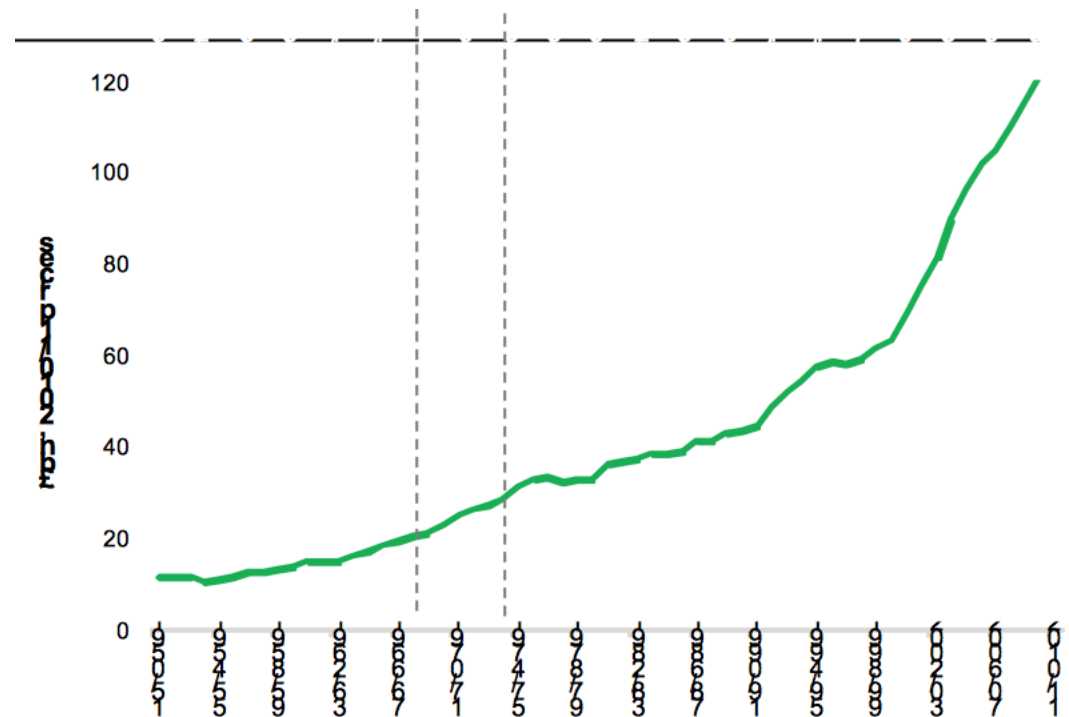
*"All we need to do now, Andrew,  
is explain it to the public"*



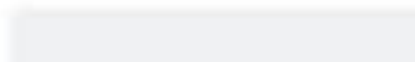
# Expenditure

---

- 1950/51 - £11.7bn
- 2010/11 - £121bn



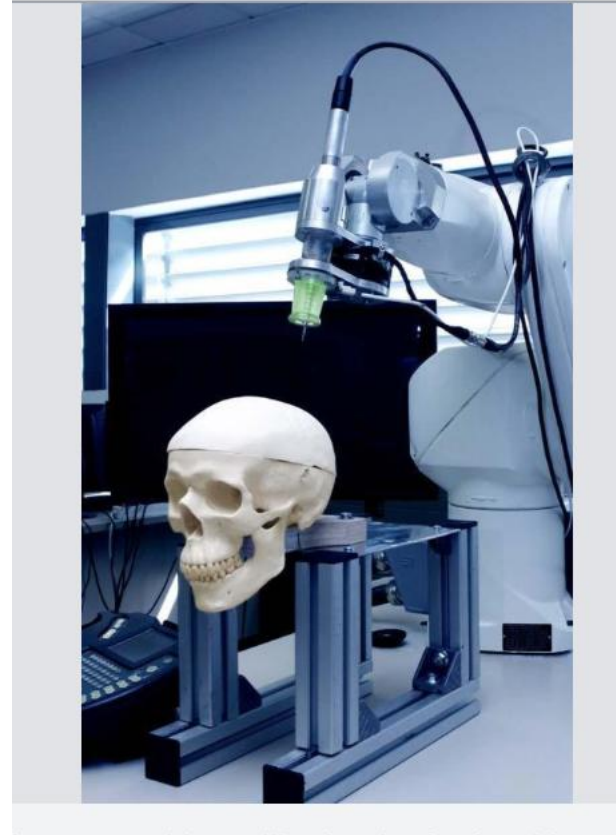
**Chart 1 General government expenditure on UK Health Services: 1950/51 to 2010/11**



# Medical technology

---

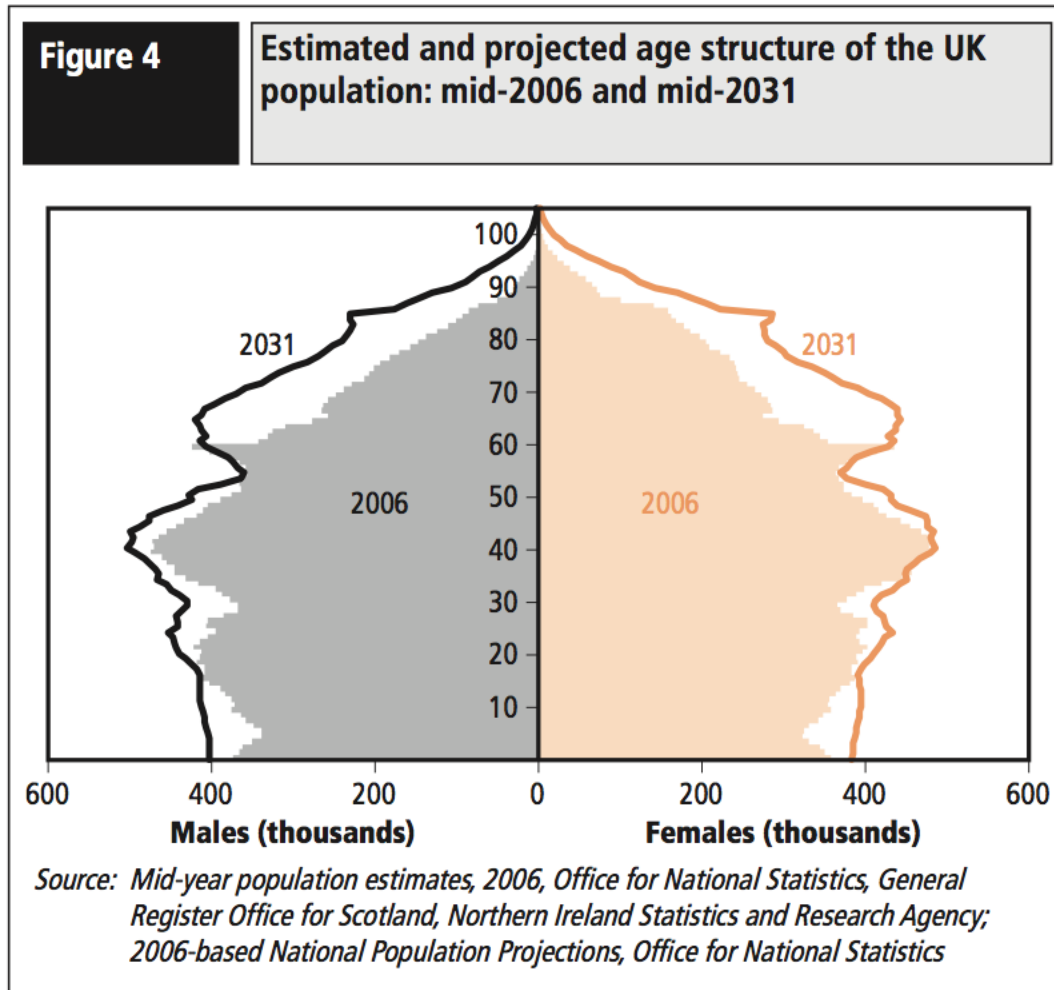
- Drugs – £14bn
- Diagnostics
- Equipment
- And PFI



# Demographics

By 2031 the over 65s will increase by 63% to 16m

Population increase of 8% between 2006-16



# Value of a free service



"Yes, I called you. I've broken a finger nail!"





# Domain 1

## – Preventing people from dying prematurely



News

### Stabbing outside Peckham library

Monday, 11 May 2009



Police are appealing for information

A 17-YEAR-OLD was stabbed in a suspected teen-on-teen attack as elite cops were lecturing parents nearby on the dangers of gun and knife crime.

The stabbing happened as officers from the Met's 8019 division of armed officers were speaking at the Damilola Taylor Centre in Peckham.

Event organiser PC Nsikan Etuk said: "A young individual got stabbed down the road.

"It caused some of the officers to rush out and make sure everything was okay.

"He was under 18.

"It just goes to show that we need to tackle these issues."

The victim suffered a stab wound to his neck.

His injuries are not thought to be life threatening.

He was knifed outside Peckham library at around 7.35pm on Thursday, April 30.

Detective Constable Doug Westcott said the victim was lucky his injuries were not more serious.

Officers are searching for three black suspects wearing hoodies who fled the scene.

Two are believed to be aged between 14 and 17.

The first was 5ft 9in tall and wearing a grey hoodie.



© LONDON AMBULANCE SERVICE

# Obesity

---

- 66% of population obese or overweight
- 25% of male and 30% of female school children obese or overweight



# Alcohol

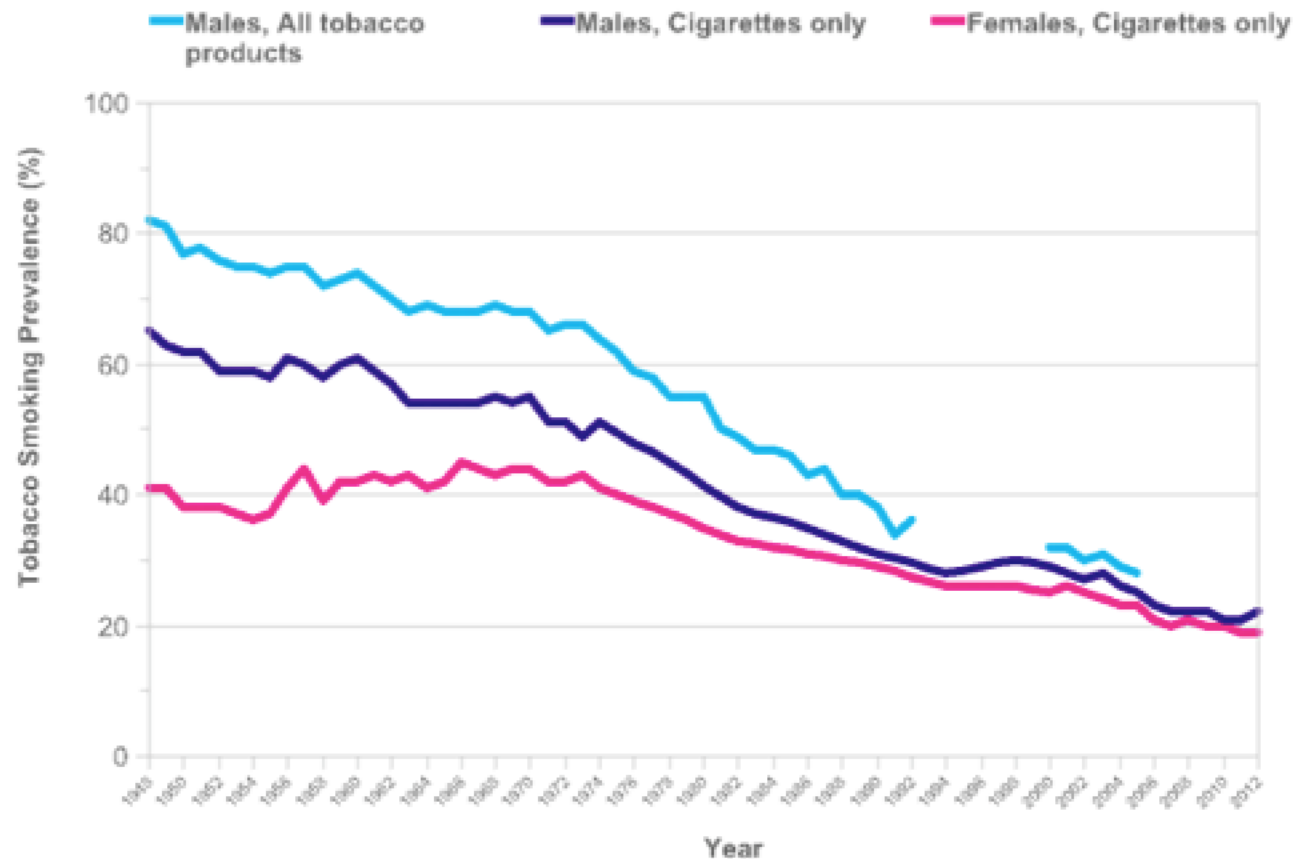
---

- 60% of adults drink every week
- 150,000 + admitted to hospital annually with drink related issues
- Costs NHS over £600m annually

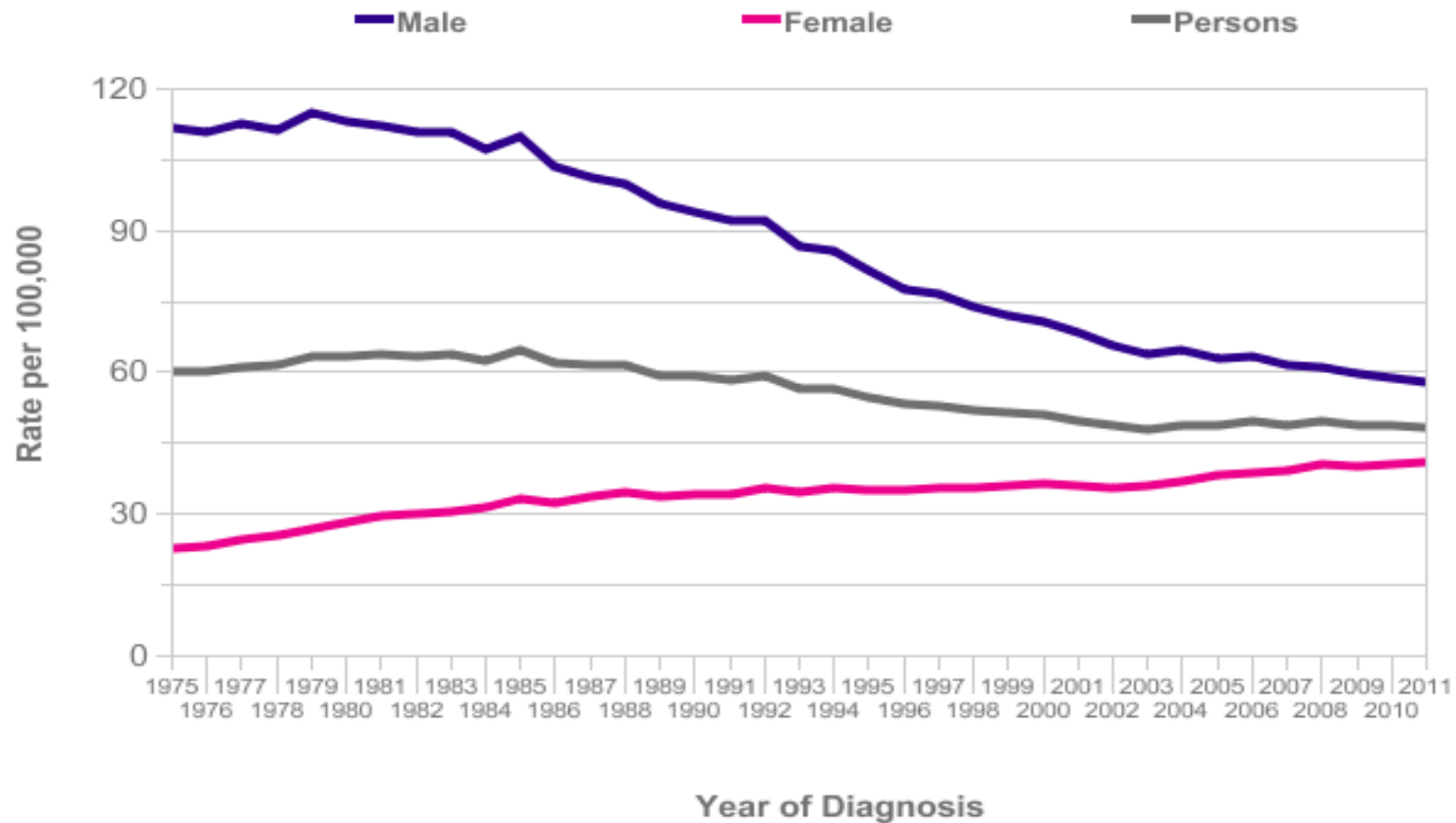


# Smoking

---



# Lung cancer – age standardised incidence rates 1975-2011





# Innovation – 2 examples

---

- Violence reduction
- Sexual health

# Over 100 teenagers die in London

---



# Four stages of a public health approach to violence WHO 2002

---

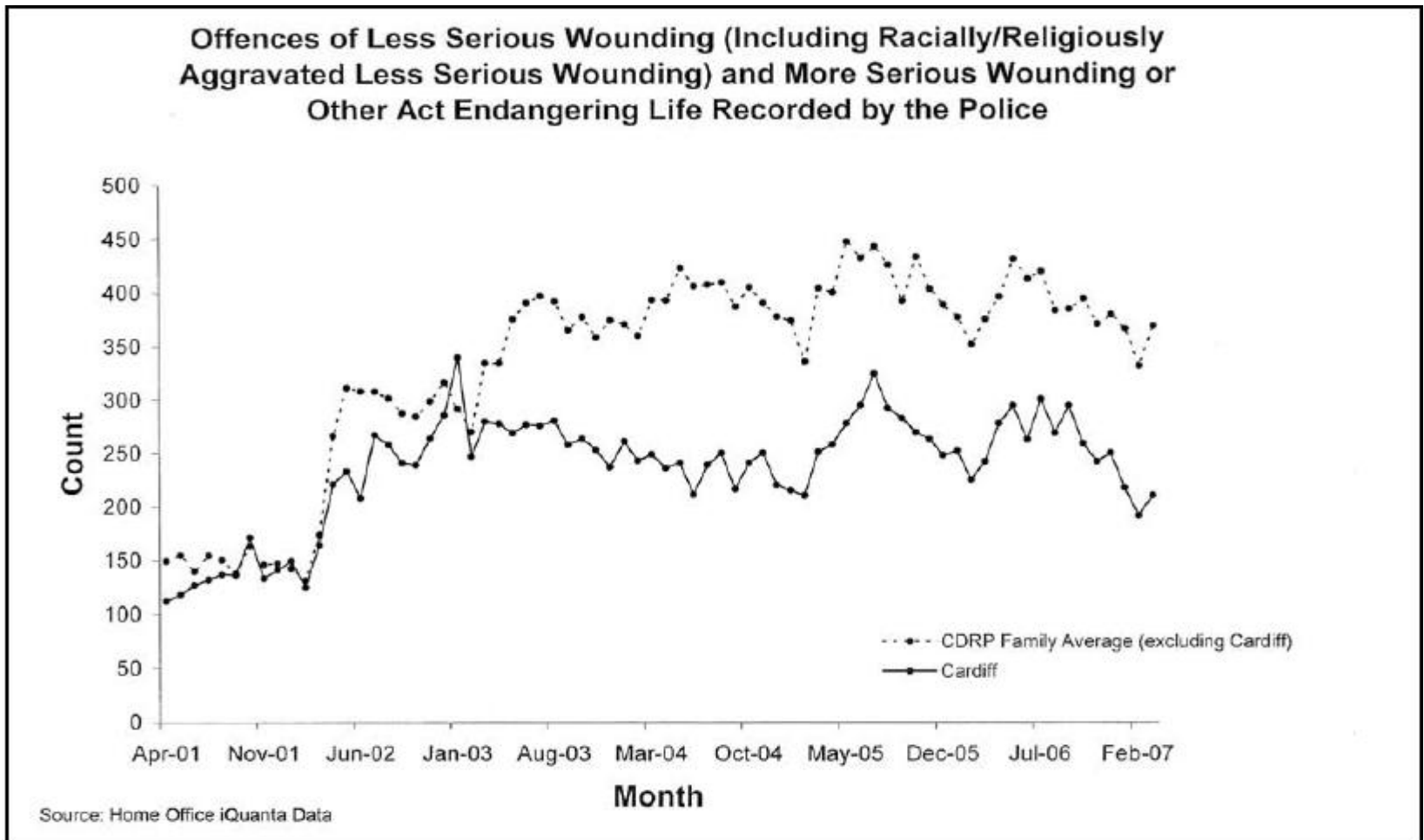
- Understand the epidemiology
- Understand the risk factors
- Review the evidence of what works
- Implement effective and promising interventions

# Summary data April-June 2010

---

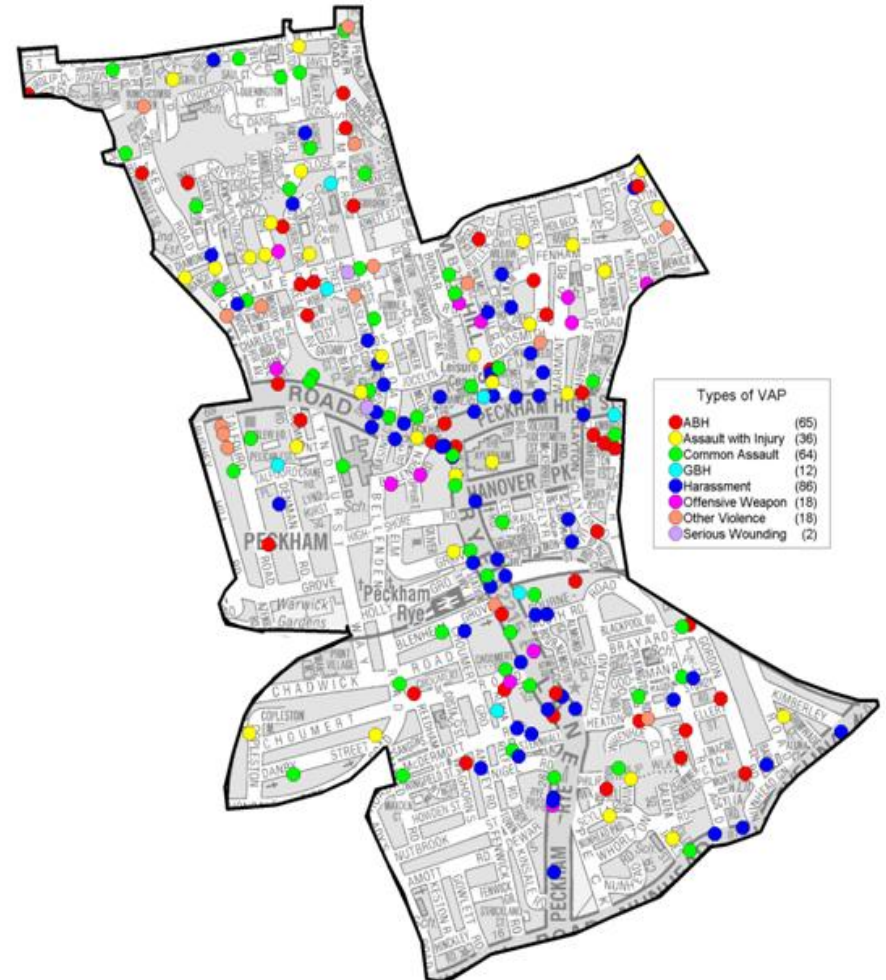
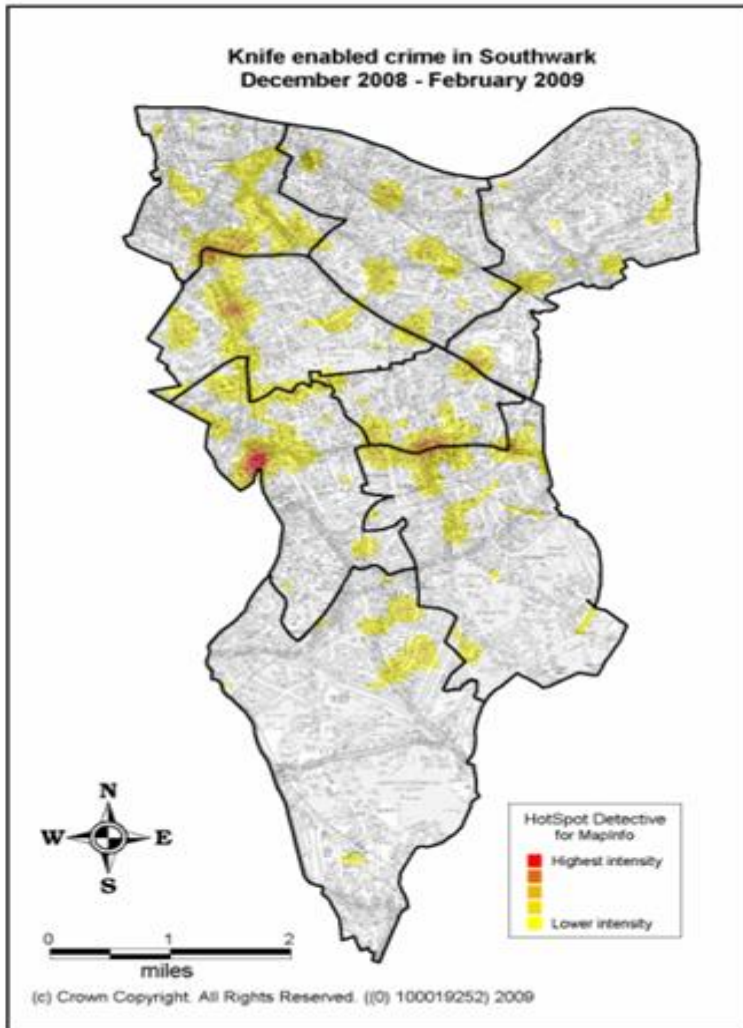
- Over 1500 A&E attendances following assault
- Males:females 3:1
- 35% white, 35% black
- Highest risk 19-25 year olds
- 70% resident locally
- Temporal – evenings and weekends
- Location – mainly other public place (30% home)
- Weapon type

# The Cardiff model





# Location



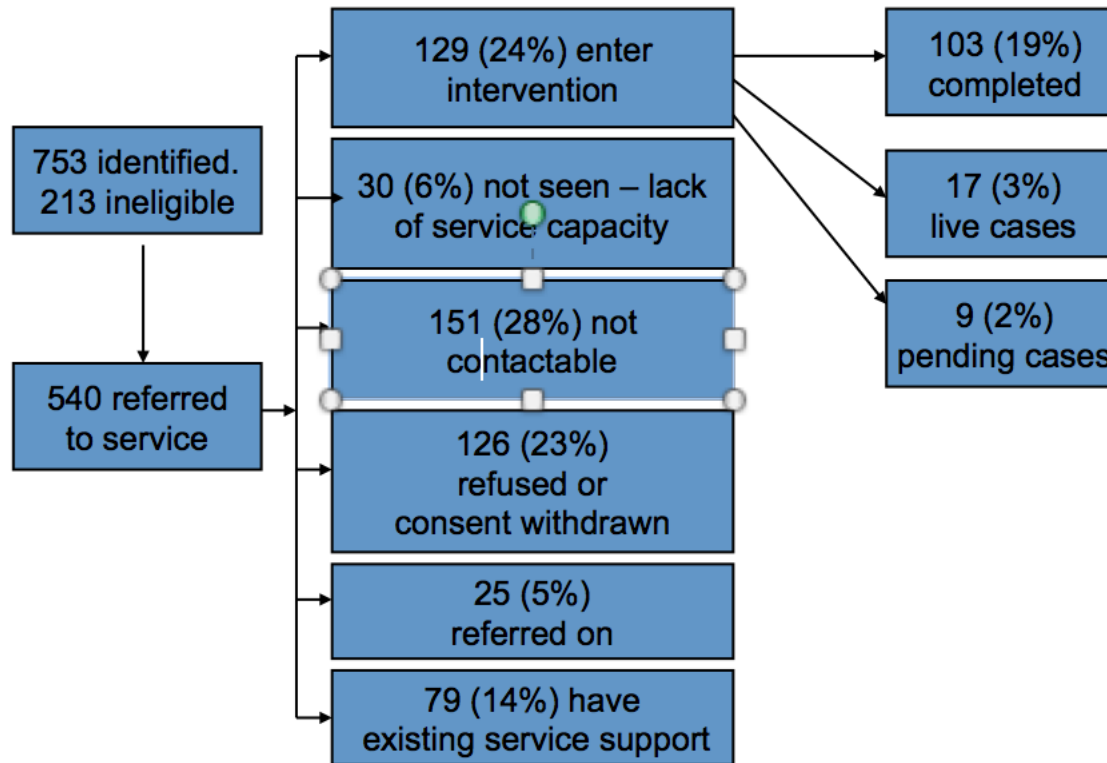
# Oasis youth service

---

- Identify YP involved in violence/aggressive incidents
- Engage and support through assessment and mentoring by a youth worker and referral to other community services
- Reduce harm to young person from other violent incidents
- Develop skills of frontline staff
- Evaluation

# Quantitative outcomes

---



# Qualitative outcomes

---

*"Thank you for everything. If anyone had told me a few weeks ago that I wouldn't have gotten so aggravated when someone said something I didn't like I would have told them to 'get a life'. Sad our time has come to an end but happy that you have made a **less angry life for me**"*



Lambeth female aged 14, assaulted by punch to face following argument. Low-risk criteria but disclosed fighting regular (weekly), and she 'hurts more than gets hurt' hence first time in ED. Good school attendance but grades dropping and poor behaviour. Engaged well with service and had 10 sessions 1:1 with youth worker; focused on positive choices, consequences, self esteem & self image and identifying passive/ assertive/aggressive behaviour. Referred to community youth activity but discontinued as happy with existing extra curricular activities. Follow up due in July 2011.

# Sexual health

---

**WORST  
FOR  
SEXUAL  
HEALTH**

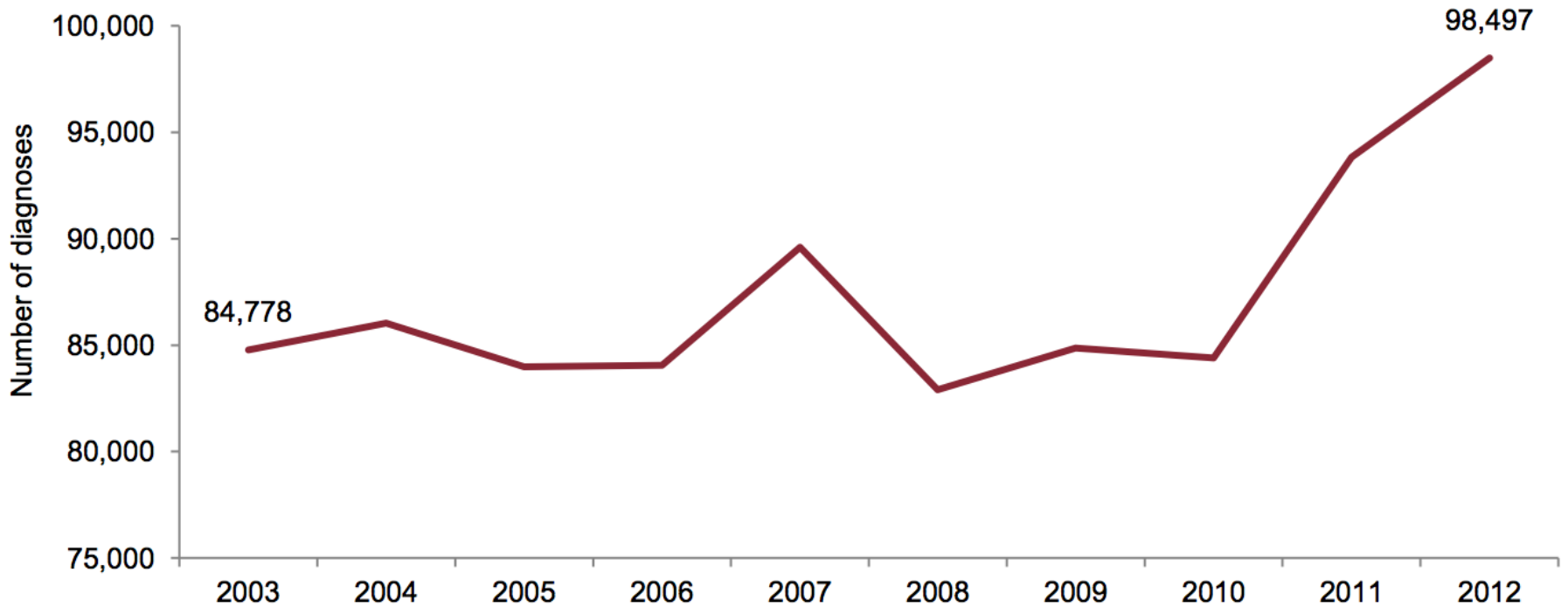
**Concerns as  
South London  
tops STI table**



# No of acute STIs

---

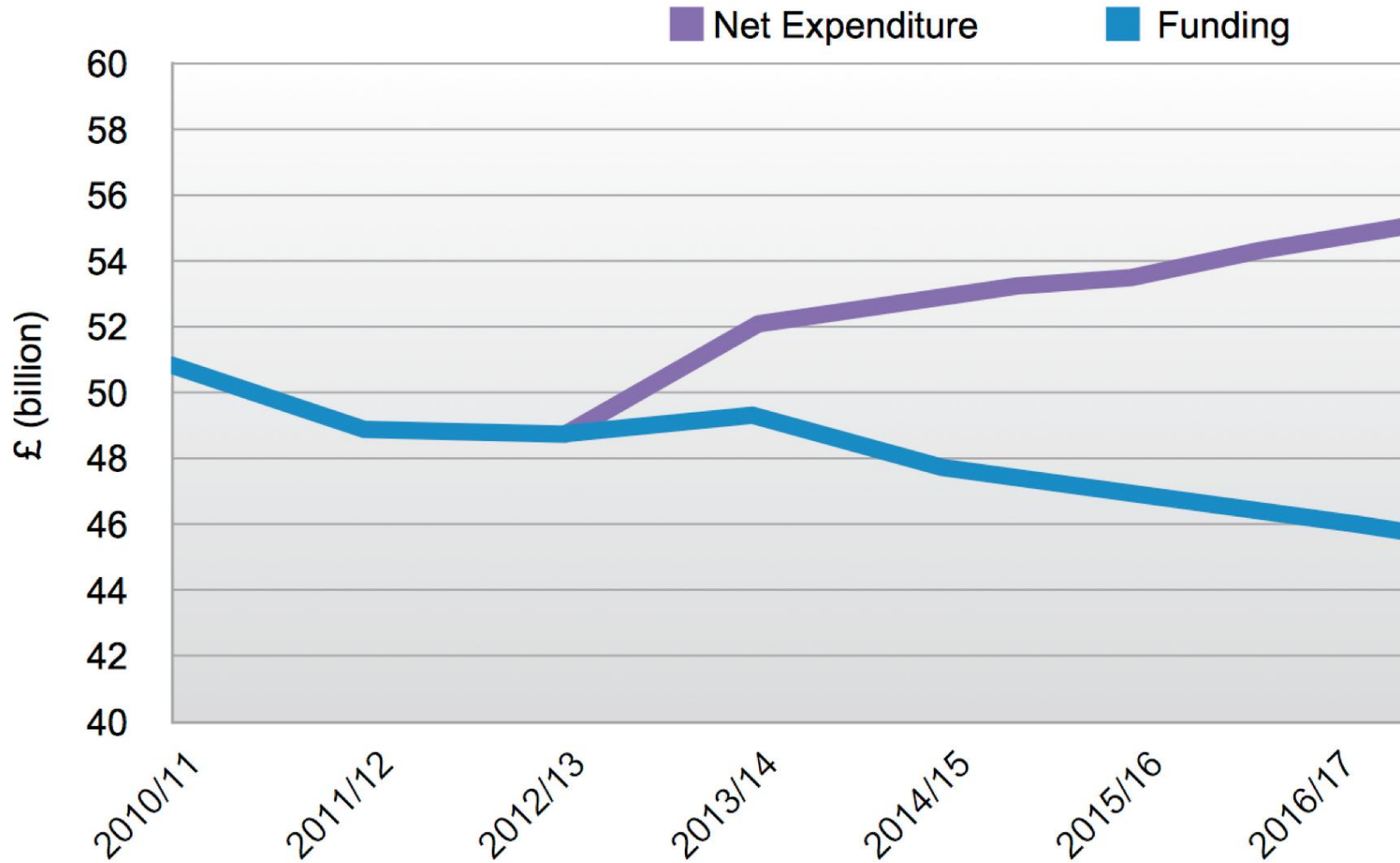
Figure 3: Diagnoses of acute STIs: London GUM clinic attendees, 2003-2012<sup>5, 6</sup> (GUMCAD & KC60. Please note that this does not include chlamydia diagnosed in other settings)





# Funding gap

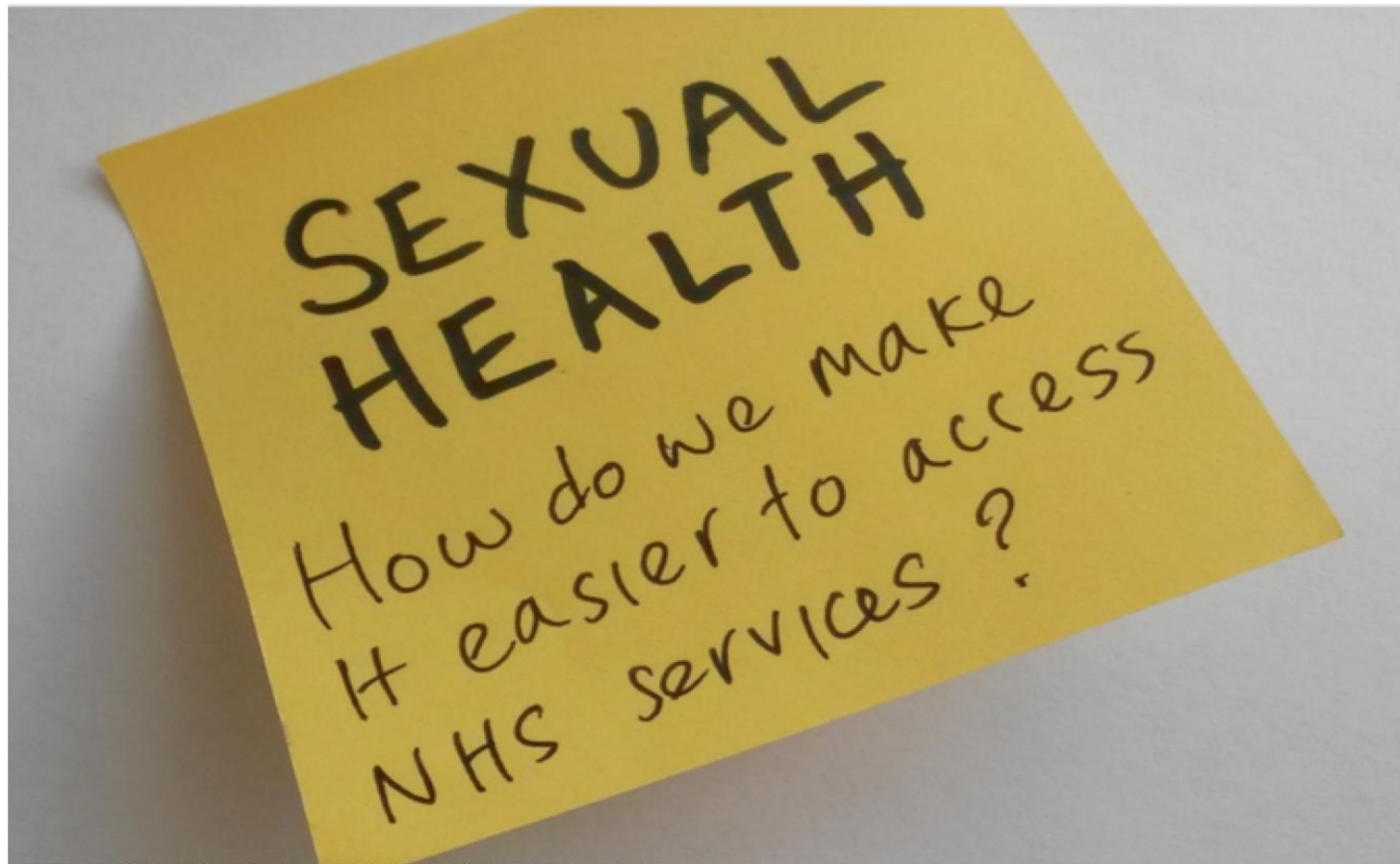
---





# Vision

---



# The concept

---

- A virtual sexual health service for Lambeth & Southwark



- A seamless interface between internet, telephone and clinic based services

# The offer

---

- 24/7 online service *plus*
- Health promotion and risk assessment
- STI home testing kits (postal or community pick up)
- Remote test results (delivered through e/m technologies)
- STI treatment and partner notification
- Interface with clinic appointments
- Telephone consultations
- Access to a range of contraceptives
- Signposting/refer to other sexual health services

# Outcomes

---

## To improve the sexual health of the local population

*Rapid diagnosis and treatment of infections*

*Rapid access to contraception*

*Promotion of self management*

## To improve access and quality

*A convenient, discreet, user centred 24/7 service*

*Working with local specialist clinical services*

## To increase productivity and reduce costs

*Move less complex cases online*

*Freeing-up capacity in specialist services for more complex cases*

*Increased and improved activity for the same cost*



## Sexual health: 24 hours a day

[Have I got an STI?](#)[How does the test work?](#)[What's in the test?](#)[How will I get my results?](#)[Doing the test at home](#)

**SH:24 is a free, online sexual health service for people in [Southwark and Lambeth, delivered in partnership with the NHS.](#)**


We provide home testing kits, information and advice that you can access confidentially 24 hours a day.

# Thank you!

---

## Make Healthcare Smarter

Enabling Better eHealth Around the World.  
Connect. Engage. Transform.

 [Download this whitepaper to learn more \(PDF, 831KB\)](#)

