

# England Quarter 1-2 April 2009 – September 2009

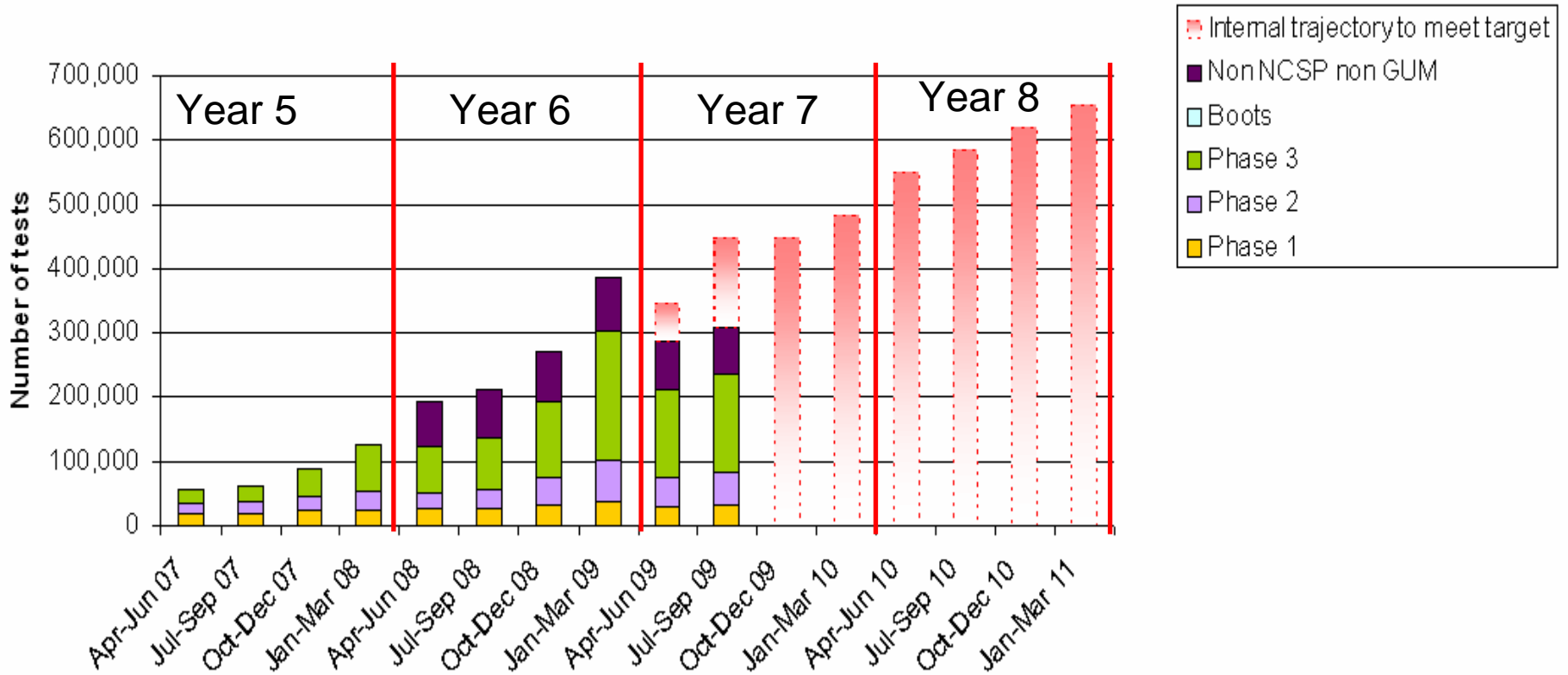
National Chlamydia Screening Programme

- Over **6,898,300** young people aged **15-24** years in England (2006-based ONS population projections for 2009)
  - Vital Signs target (17%) – 1,138,337 (2008/2009 PCT plans)
  - **England coverage in 2008 / 2009 was 15.9%**
  - Vital Signs target (25%) – 1,724,575 (2006-based ONS population projections for 2009)
  - Modelling studies (35%) – 2,409,610 (2006-based ONS population projections for 2010)

# Testing volumes, coverage, and proportion positive

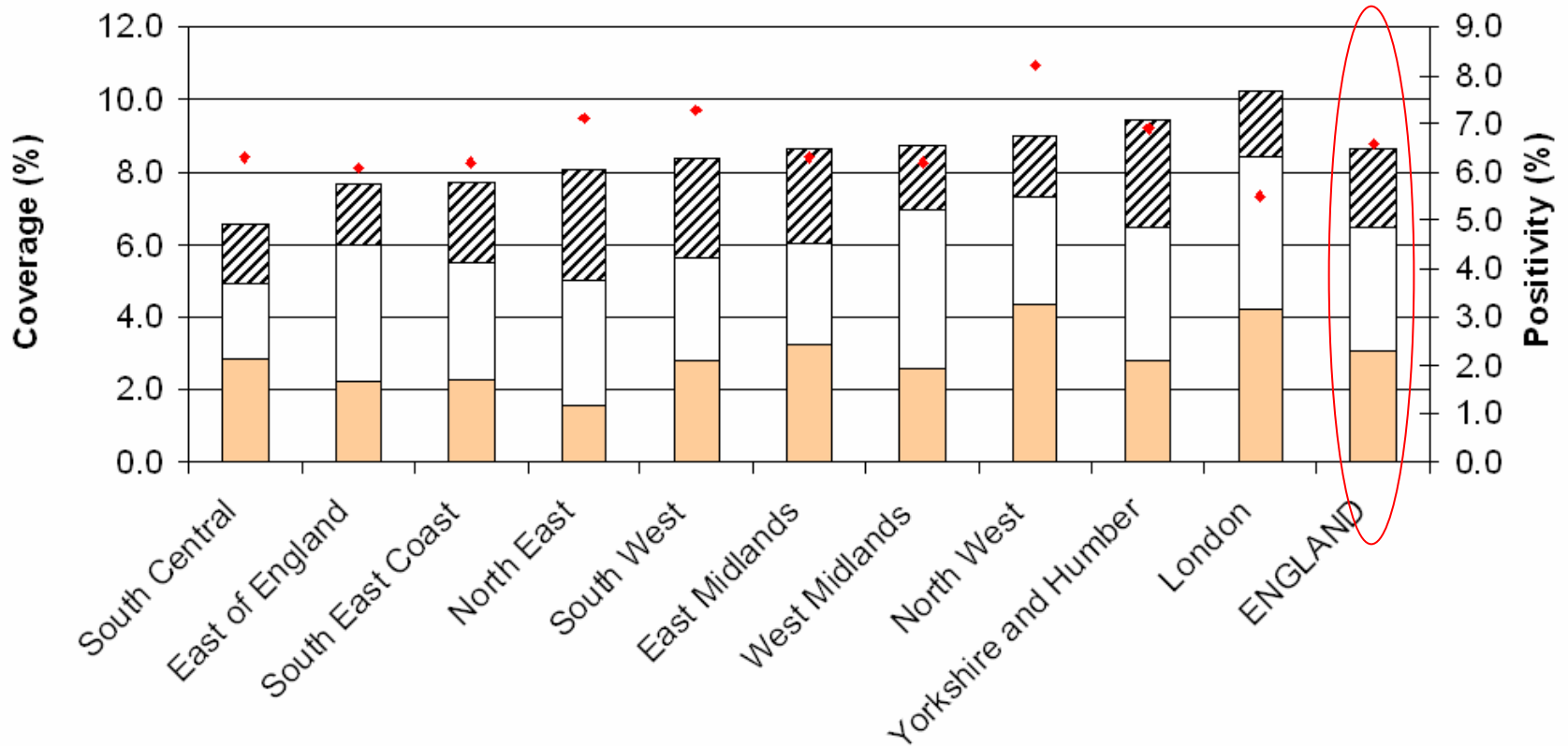
## Actual and projected chlamydia testing volumes: April 2007 – September 2011

England: **595,017** tests in Q1-2 2009/2010 so far  
**1,129,558** more tests required in 2009/2010 to meet the 25% target!



# ENGLAND

## Vital Signs Indicator April 2009 - September 2009

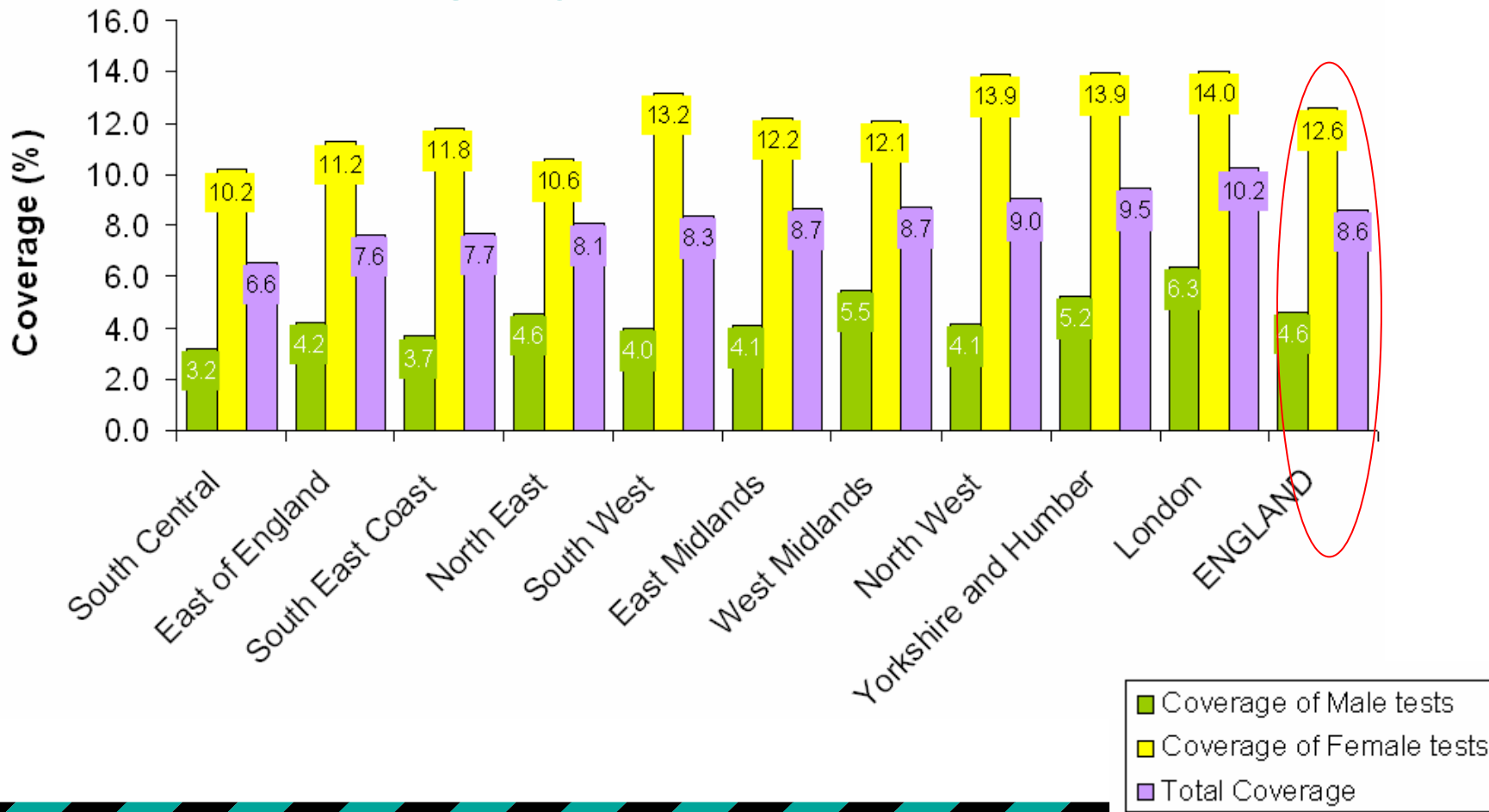


- ▨ Coverage Lab data
- Coverage (NCSP non Core)
- Coverage NCSP core
- ◆ Positivity NCSP only

Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

# ENGLAND

## Coverage by sex April 09 - Sep 09

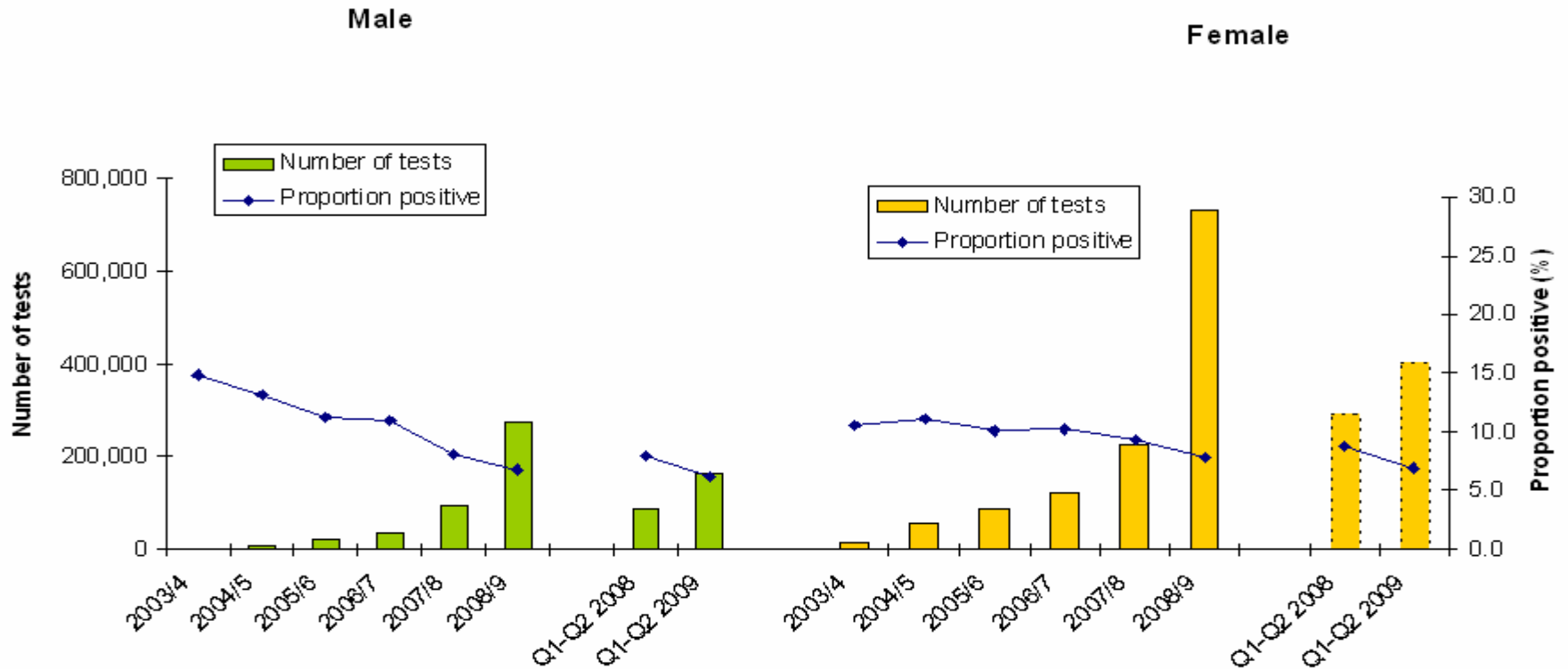


The denominator has been calculated by applying the sex proportions of the mid-2006 ONS population estimates to the 2009/2010 population projections. 'Total Coverage' includes tests where sex was recorded as either 'unknown' or 'unspecified'.

Data as of 09.11.09. Based on VSI criteria.

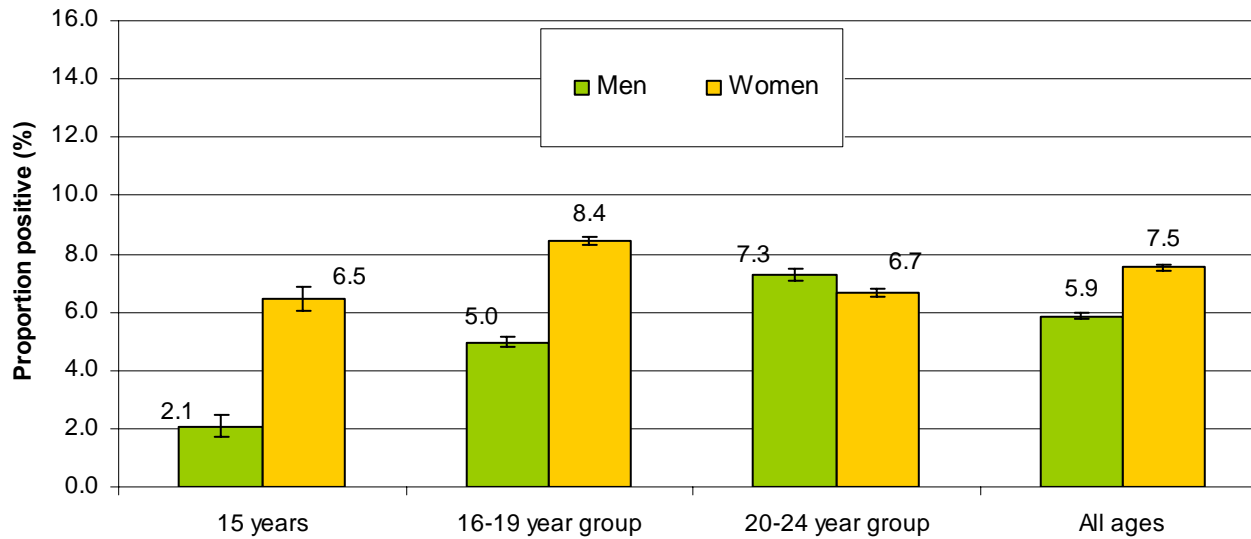
# England

## Testing volumes and proportion of positive index cases by sex: April 2003 – September 2009



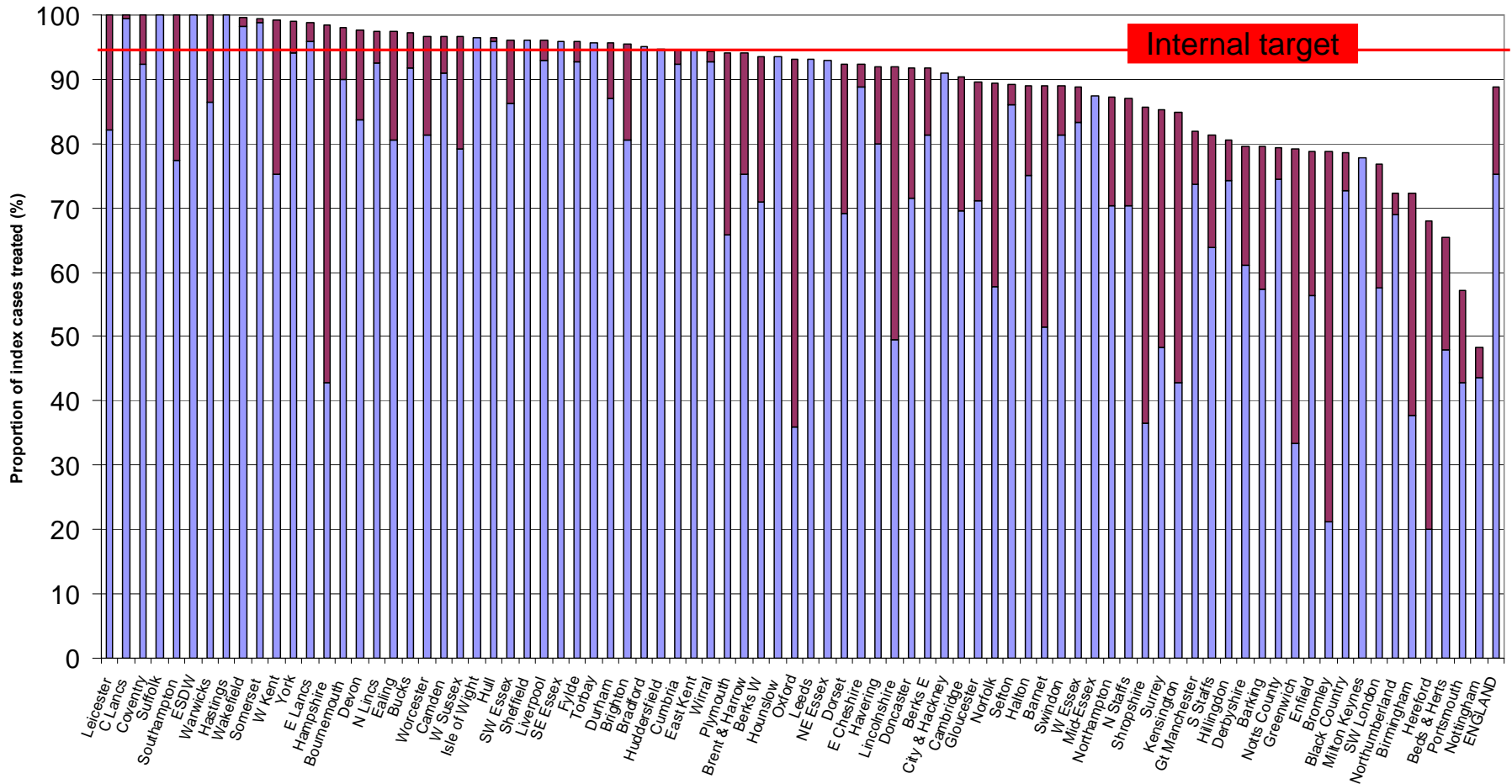
Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria.

## Proportion of positive index cases by age and sex: Apr 09 – Sep 09



# Treatment and Partner Management (Apr 09 – Jun 09)

# Proportion of reported positive index patients treated: England April 2009 – June 2009

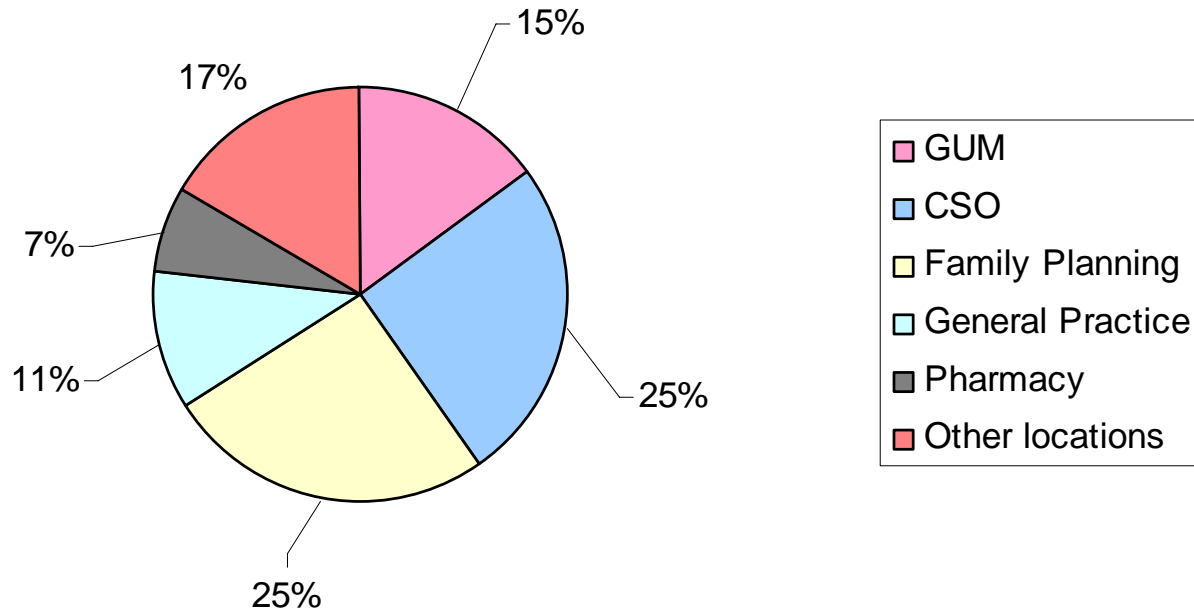


■ Patient confirmed treatment  
■ Clinician confirmed treatment

Data as of 20.11.09

# Proportion of index cases treated in various venue types: England (April 2009 – June 2009)

National figure: (n = 11,174)



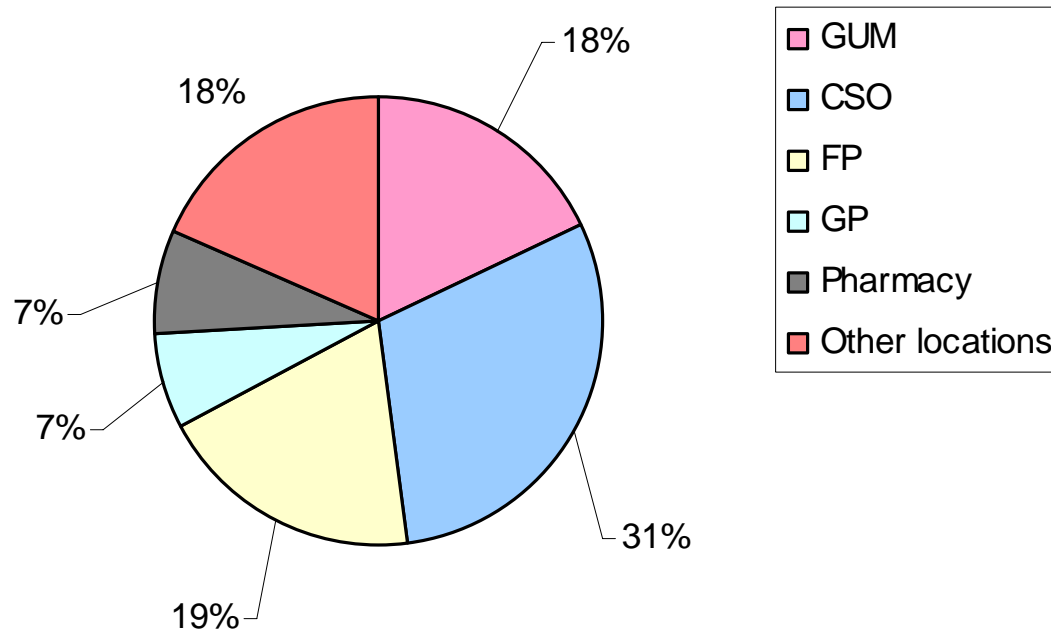
We currently do not collect disaggregate data on the 'Other Locations'. This refers to any venue that has a qualified health professional present, such as a school nurse, or prison doctor.

Data as of 20.11.09



# Proportion of partners treated in various venue types: England (April 2009 – June 2009)

National figure: (n = 4,917)

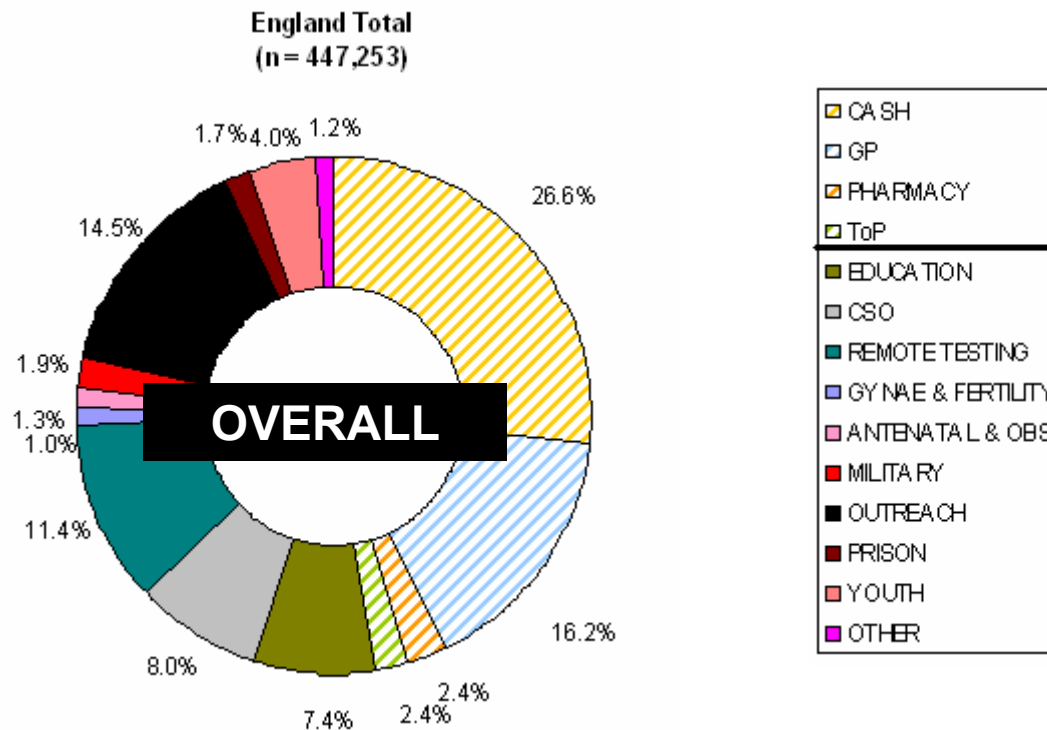


We currently do not collect disaggregate data on the 'Other Locations'. This refers to any venue that has a qualified health professional present, such as a school nurse, or prison doctor.

Data as of 20.11.09

# Screening venues

# NCSP Testing Venues : April 09 – September 09



Proportion in Core Services – 47.6%

Coverage – 8.6%

Positivity – 6.6%



Proportion of core services and positivity figures reflects NCSP tests only. Coverage figure includes non NCSP non GUM tests and NCSP tests.

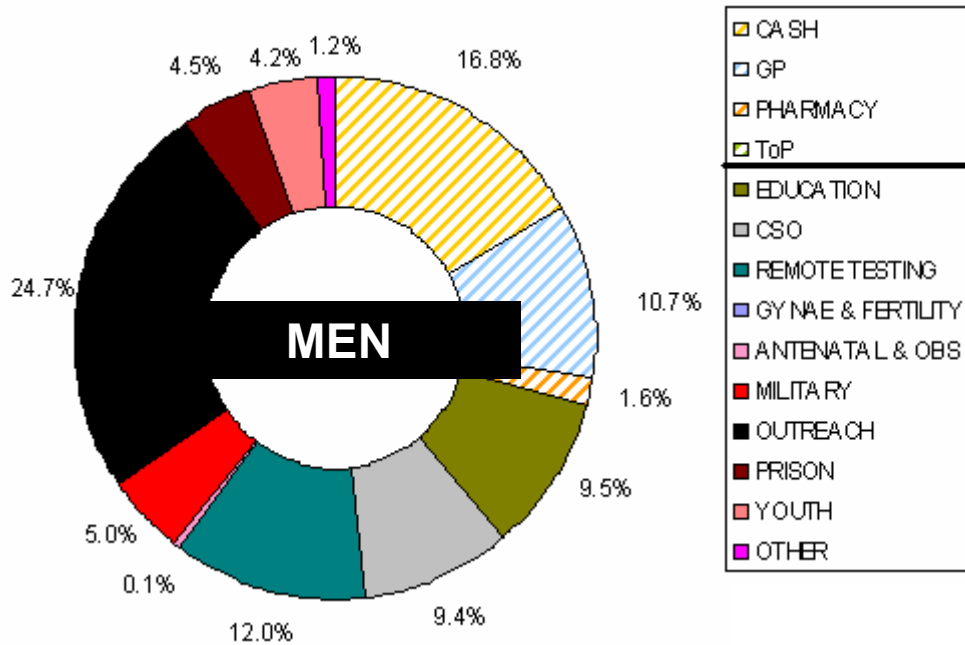
Some venue proportions may be under-represented. Clinic coding currently under review.

Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

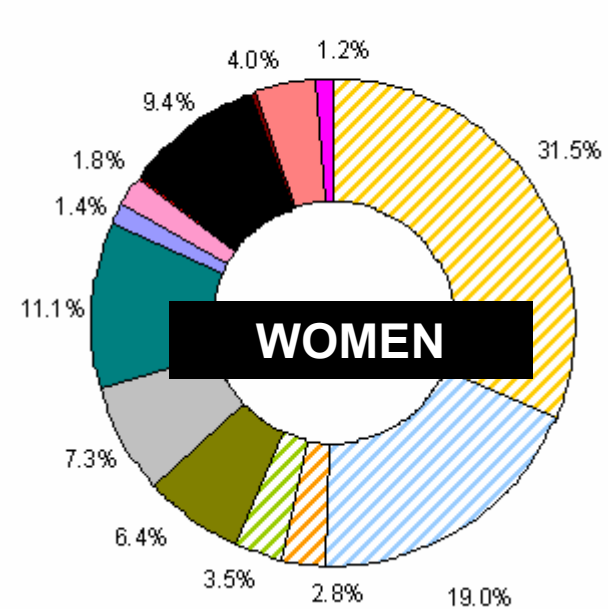
# NCSP Testing Venues by sex: England

## April 09 – September 09

England - Male  
(n = 150,054)



England - Female  
(n = 295,327)



Proportion in Core Services – 29.3%

Proportion in Core Services – 56.8%

Coverage – 4.6%

Positivity – 5.9%

Coverage – 12.6%

Positivity – 7.5%



Proportion of core services and positivity figures reflects NCSP tests only. Coverage figure includes non NCSP non GUM tests and NCSP tests.

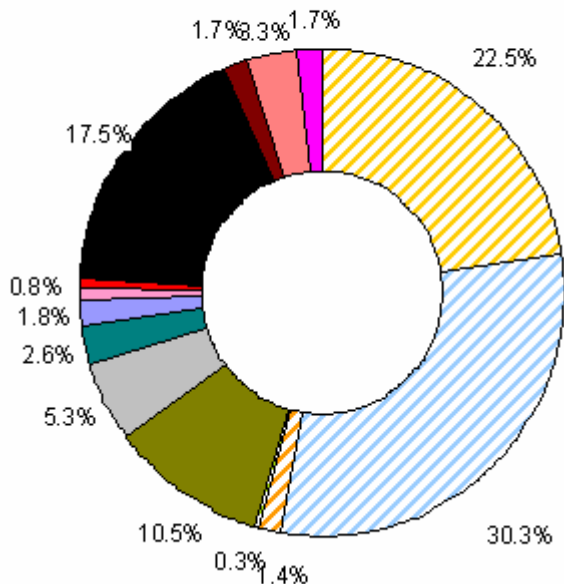
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Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

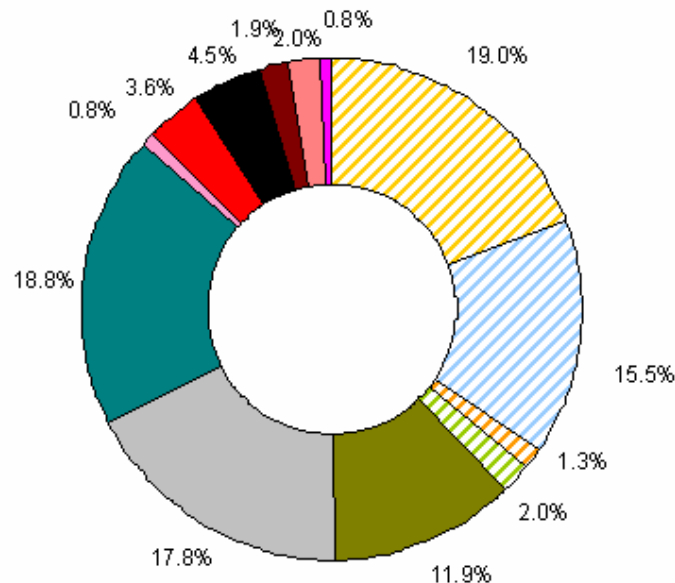
# NCSP Testing Venues : England

## April 09 – September 09

**East Midlands**  
(n = 36,815)



**East of England**  
(n = 42,784)



**Proportion in Core Services – 54.5%**

**Proportion in Core Services – 37.8%**

**Coverage – 8.7%**

**Positivity – 6.3%**

**Coverage – 7.6%**

**Positivity – 6.1%**



Proportion of core services and positivity figures reflects NCSP tests only. Coverage figure includes non NCSP non GUM tests and NCSP tests.

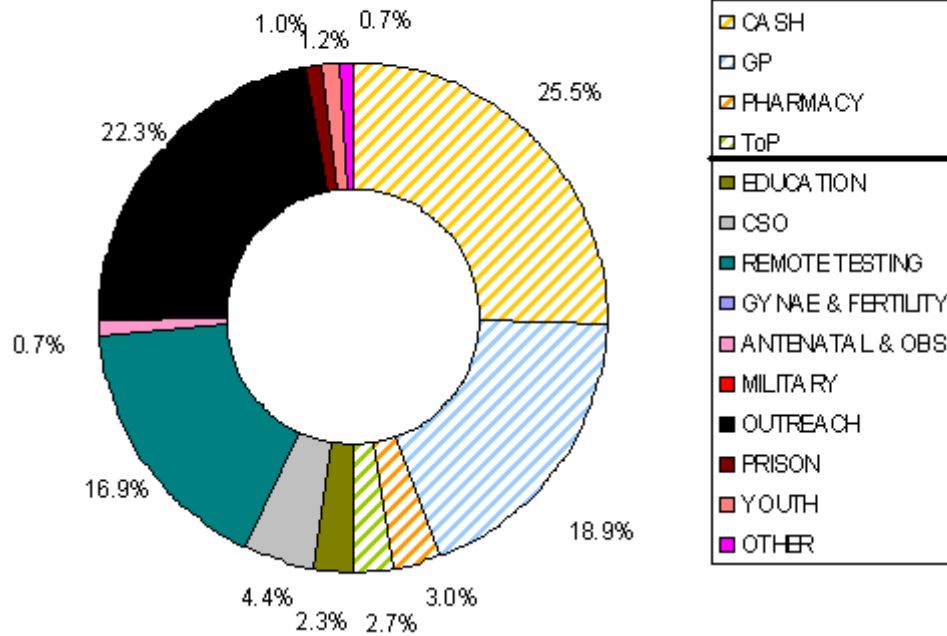
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Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

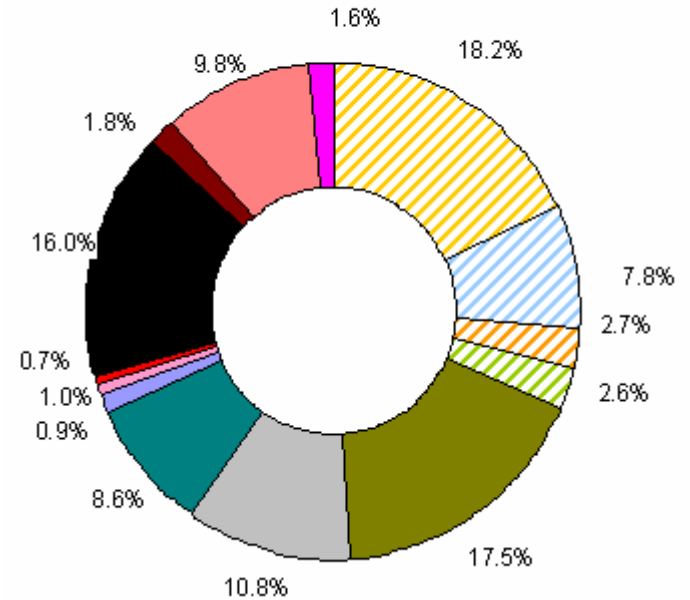
# NCSP Testing Venues : England

## April 09 – September 09

London  
(n = 83,780)



North East  
(n = 18,016)



Proportion in Core Services – 50.1%

Proportion in Core Services – 31.3%

Coverage – 10.2%

Positivity – 5.5%

Coverage – 8.1%

Positivity – 7.1%



Proportion of core services and positivity figures reflects NCSP tests only. Coverage figure includes non NCSP non GUM tests and NCSP tests.

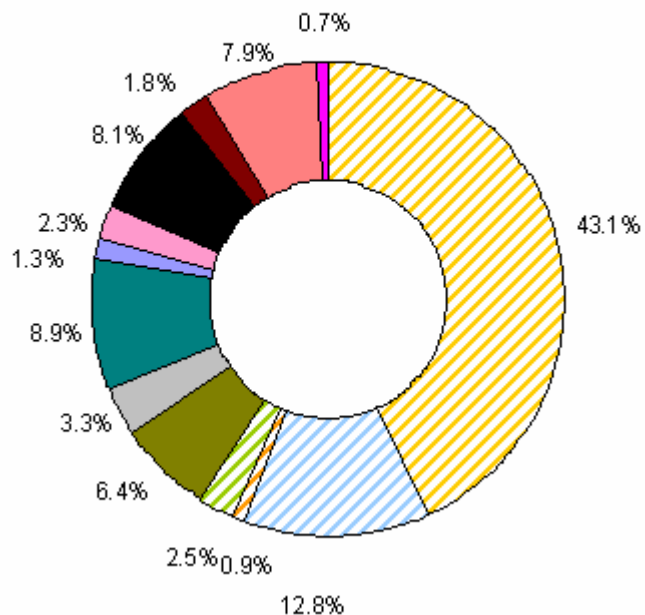
Some venue proportions may be under-represented. Clinic coding currently under review.

Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

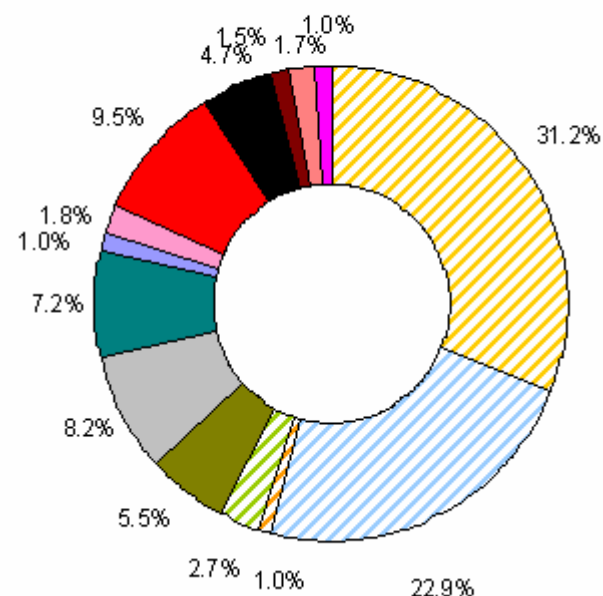
# NCSP Testing Venues : England

## April 09 – September 09

North West  
(n = 70,908)



South Central  
(n = 27,437)



Proportion in Core Services – 59.2%

Proportion in Core Services – 57.8%

Coverage – 9.0%

Positivity – 8.2%

Coverage – 6.6%

Positivity – 6.3%



Proportion of core services and positivity figures reflects NCSP tests only. Coverage figure includes non NCSP non GUM tests and NCSP tests.

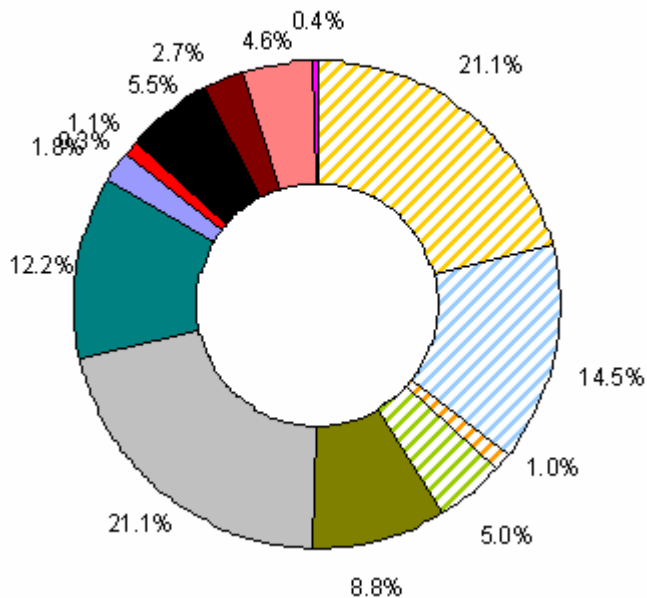
Some venue proportions may be under-represented. Clinic coding currently under review.

Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

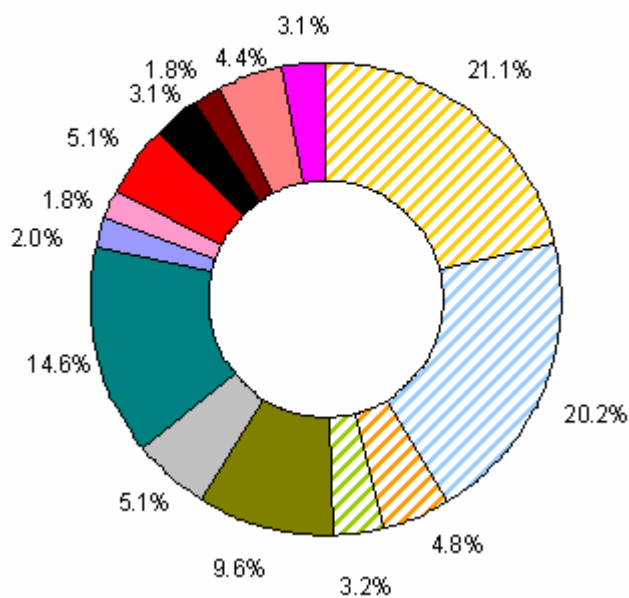
# NCSP Testing Venues : England

## April 09 – September 09

**South East Coast**  
(n = 28,837)



**South West**  
(n = 38,363)



**Proportion in Core Services – 41.5%**

**Proportion in Core Services – 49.4%**

**Coverage – 7.7%**

**Positivity – 6.2%**

**Coverage – 8.3%**

**Positivity – 7.3%**



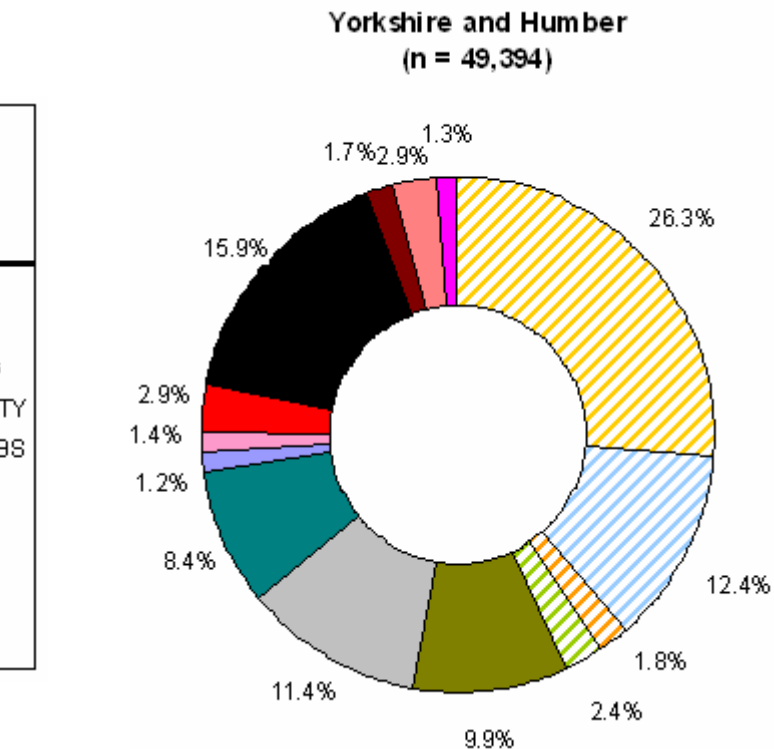
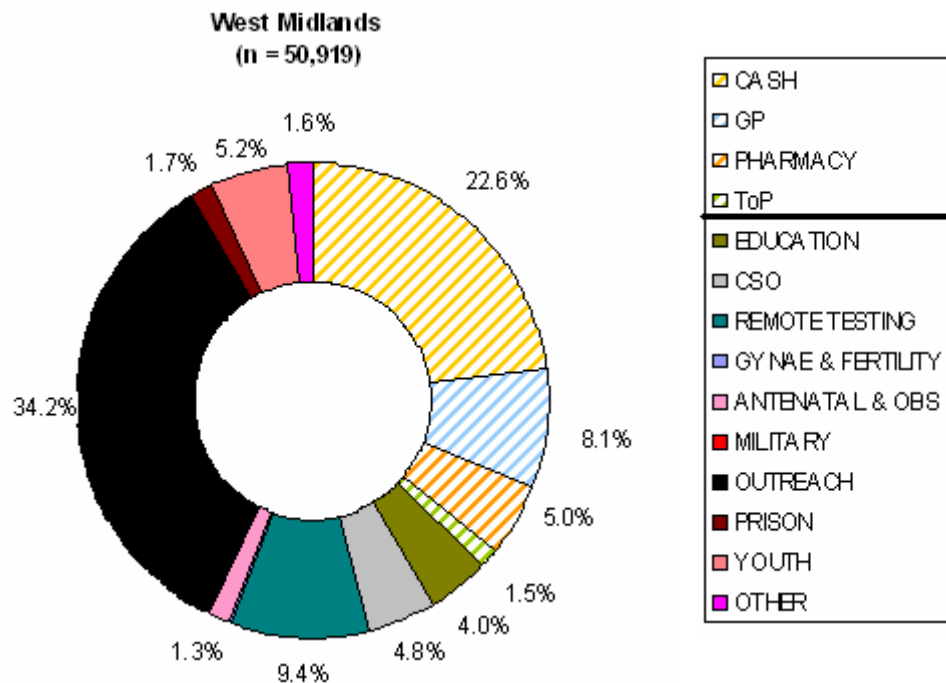
Proportion of core services and positivity figures reflects NCSP tests only. Coverage figure includes non NCSP non GUM tests and NCSP tests.

Some venue proportions may be under-represented. Clinic coding currently under review.

Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

# NCSP Testing Venues : England

## April 09 – September 09



**Proportion in Core Services – 37.3%**

**Proportion in Core Services – 43.0%**

**Coverage – 8.7%**

**Positivity – 6.2%**

**Coverage – 9.5%**

**Positivity – 6.9%**

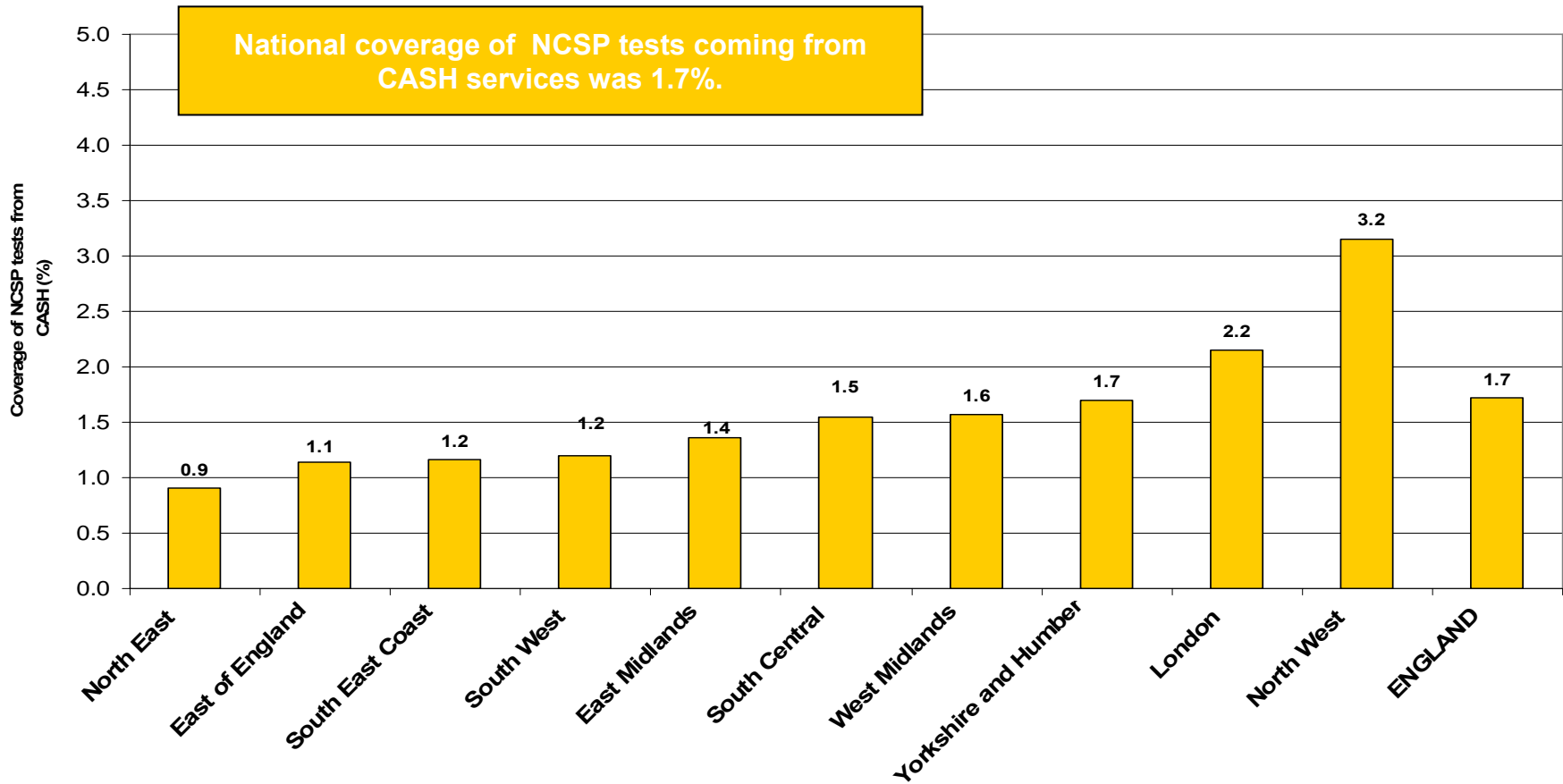


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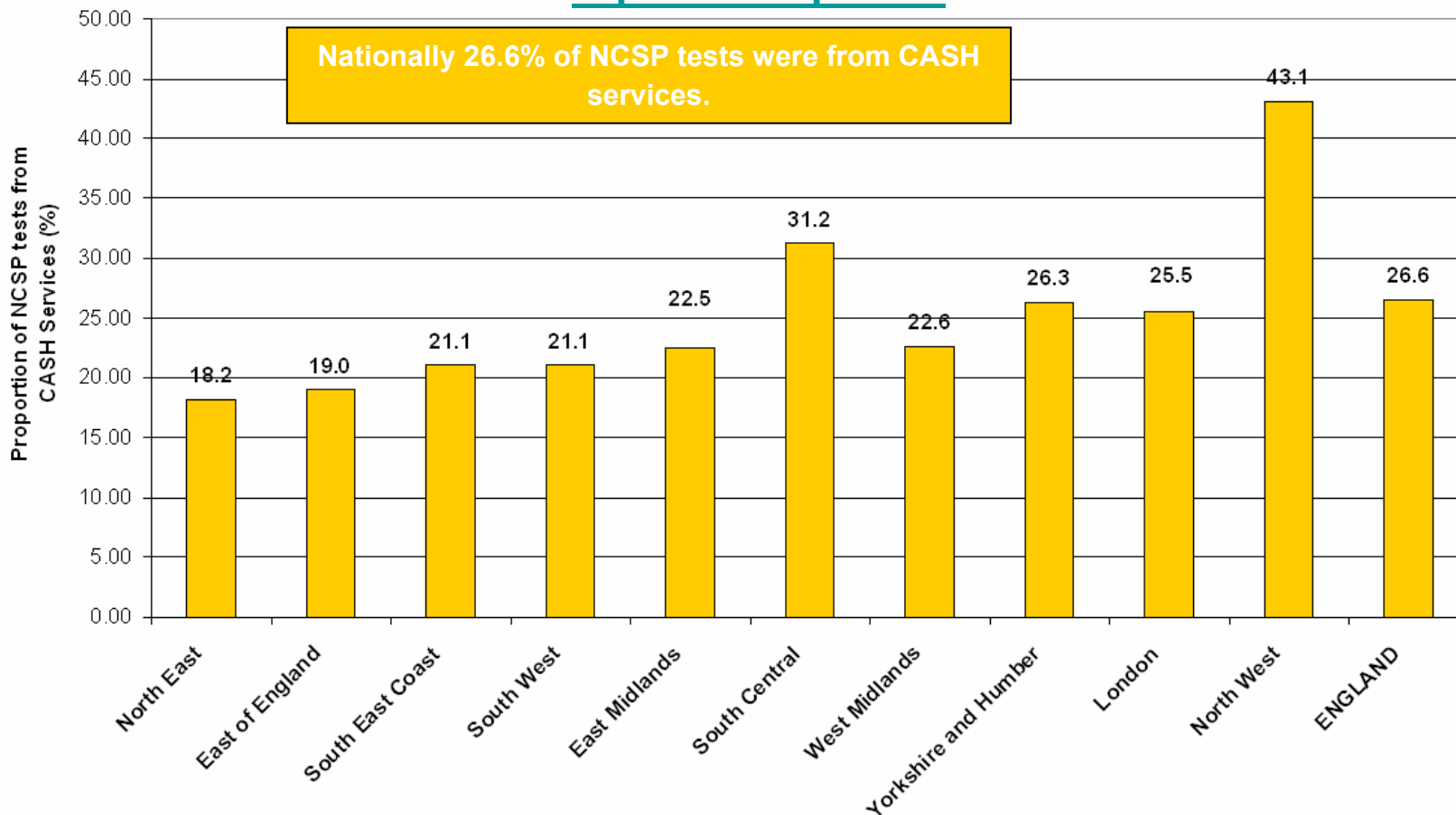
Data as of 09.11.09. Based on those aged 15-24 years. VSI criteria

## Coverage of tests from Contraception and Sexual Health services: Apr 09 - Sep 2009

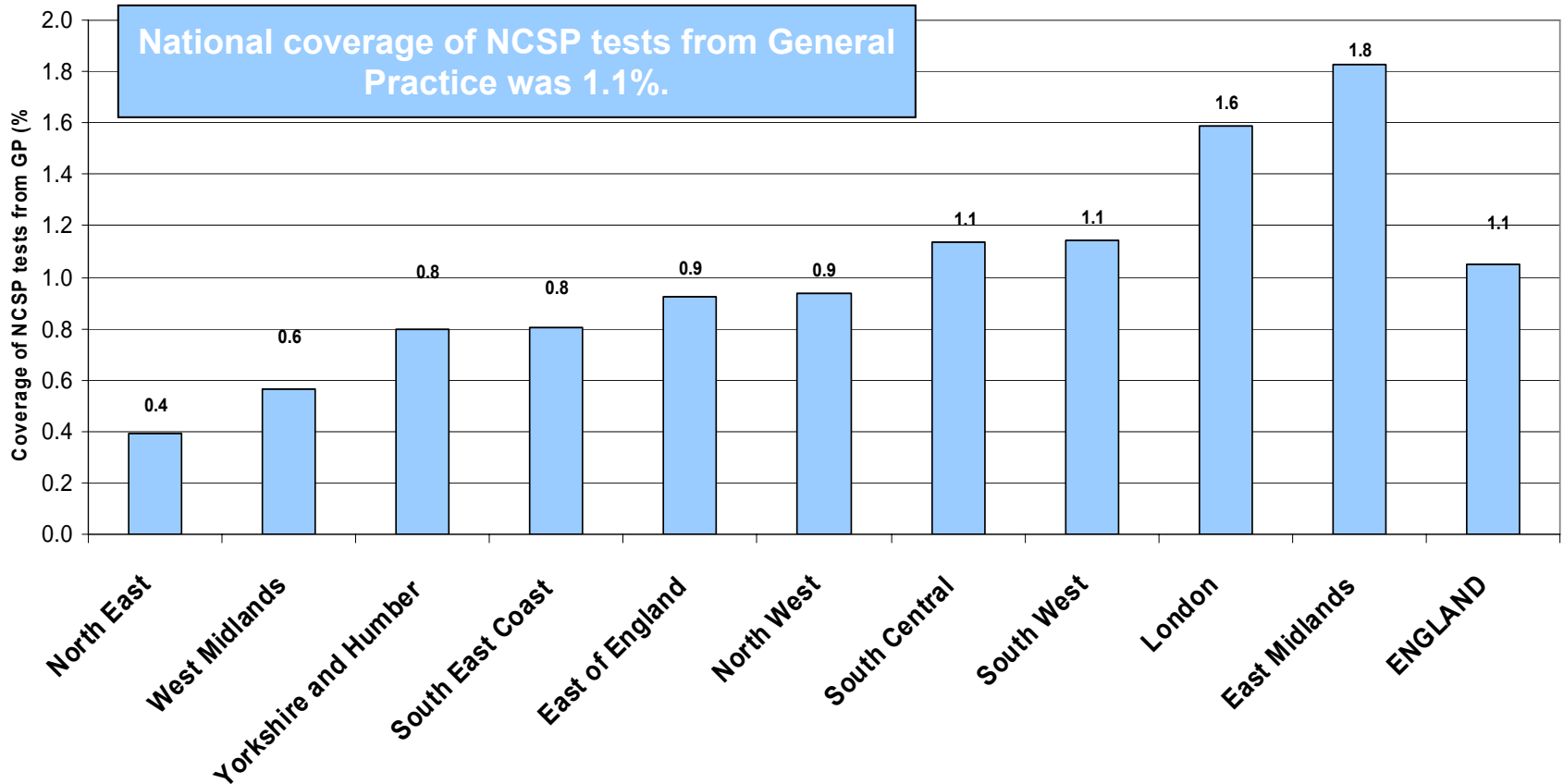


# England

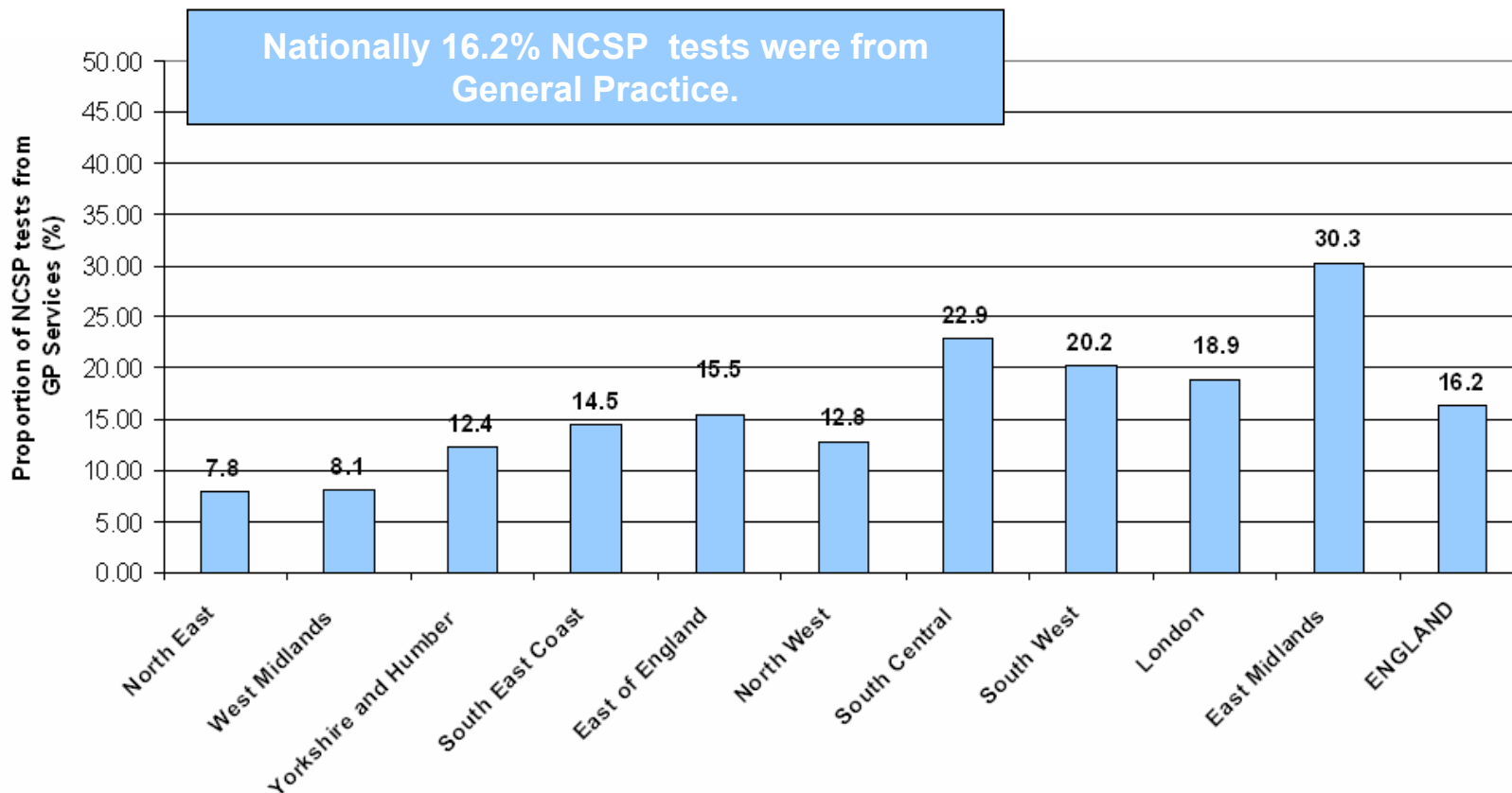
## Proportion of tests from Contraception and Sexual Health services: Apr 09 - Sep 2009



## Coverage of tests from General Practice Apr 09 – Sep 09

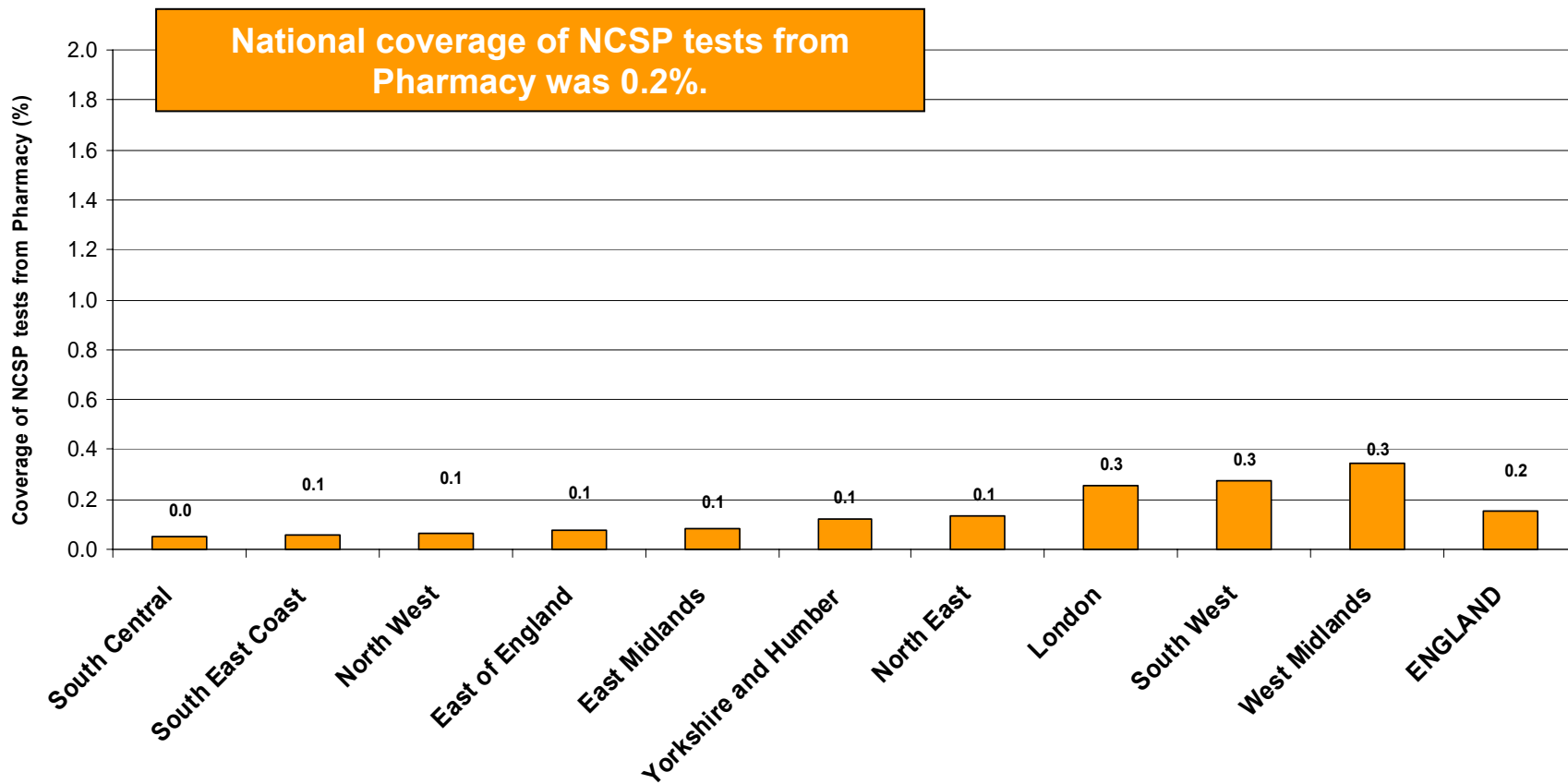


## Proportion of tests from General Practice Apr 09 – Sep 09



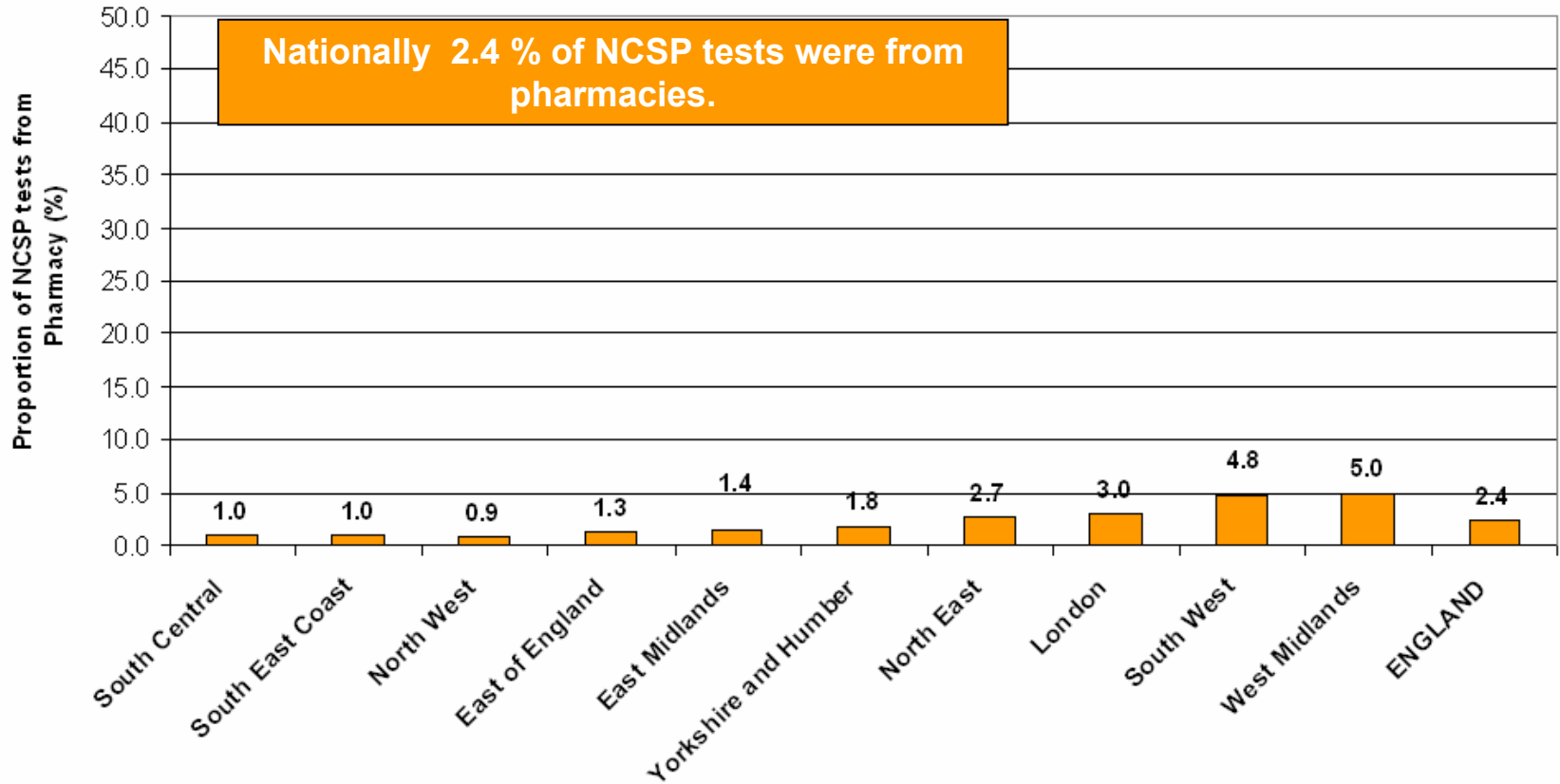
# ENGLAND

## Coverage of tests from Pharmacies: Apr 09 - Sep 09

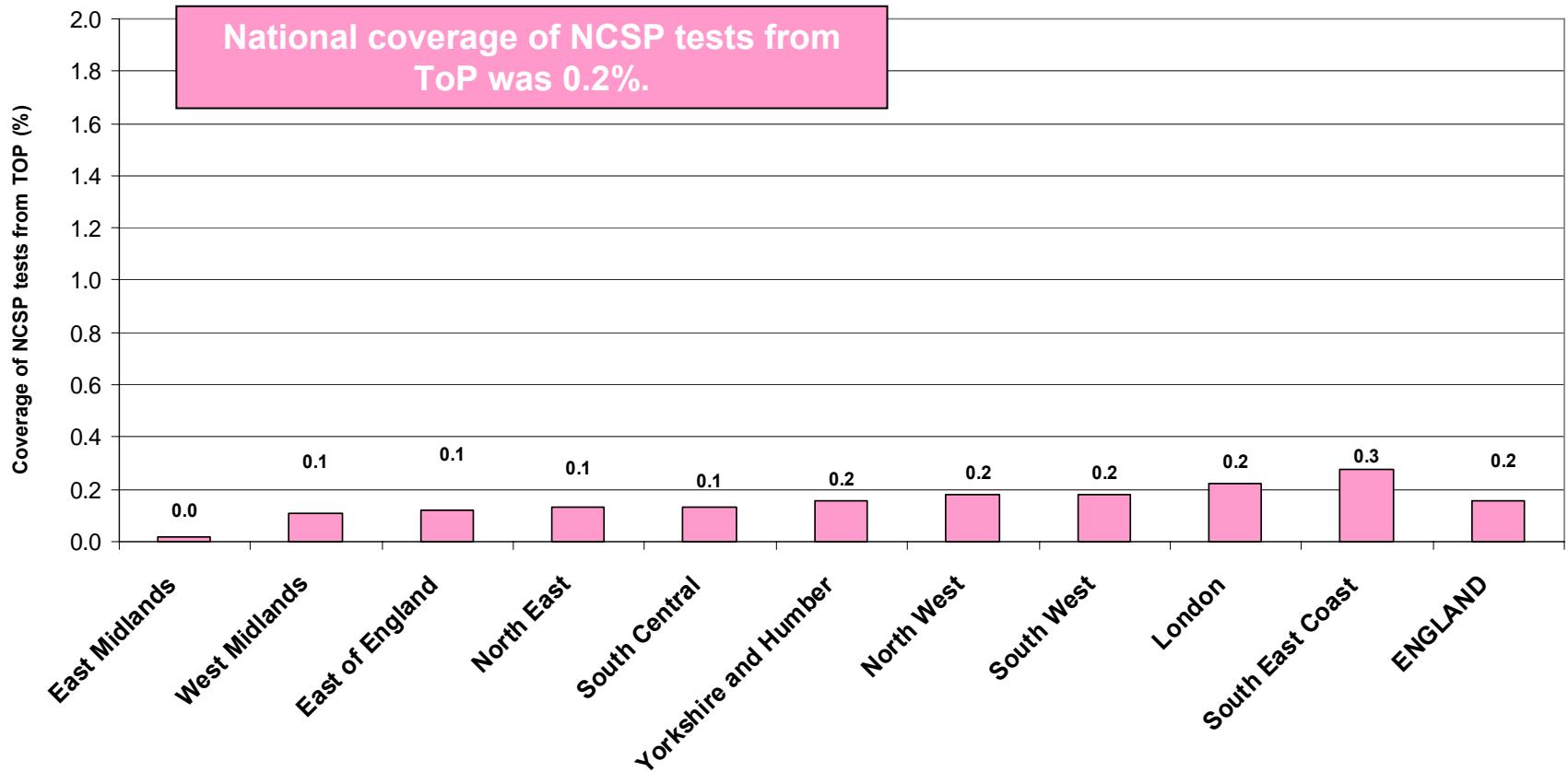


# ENGLAND

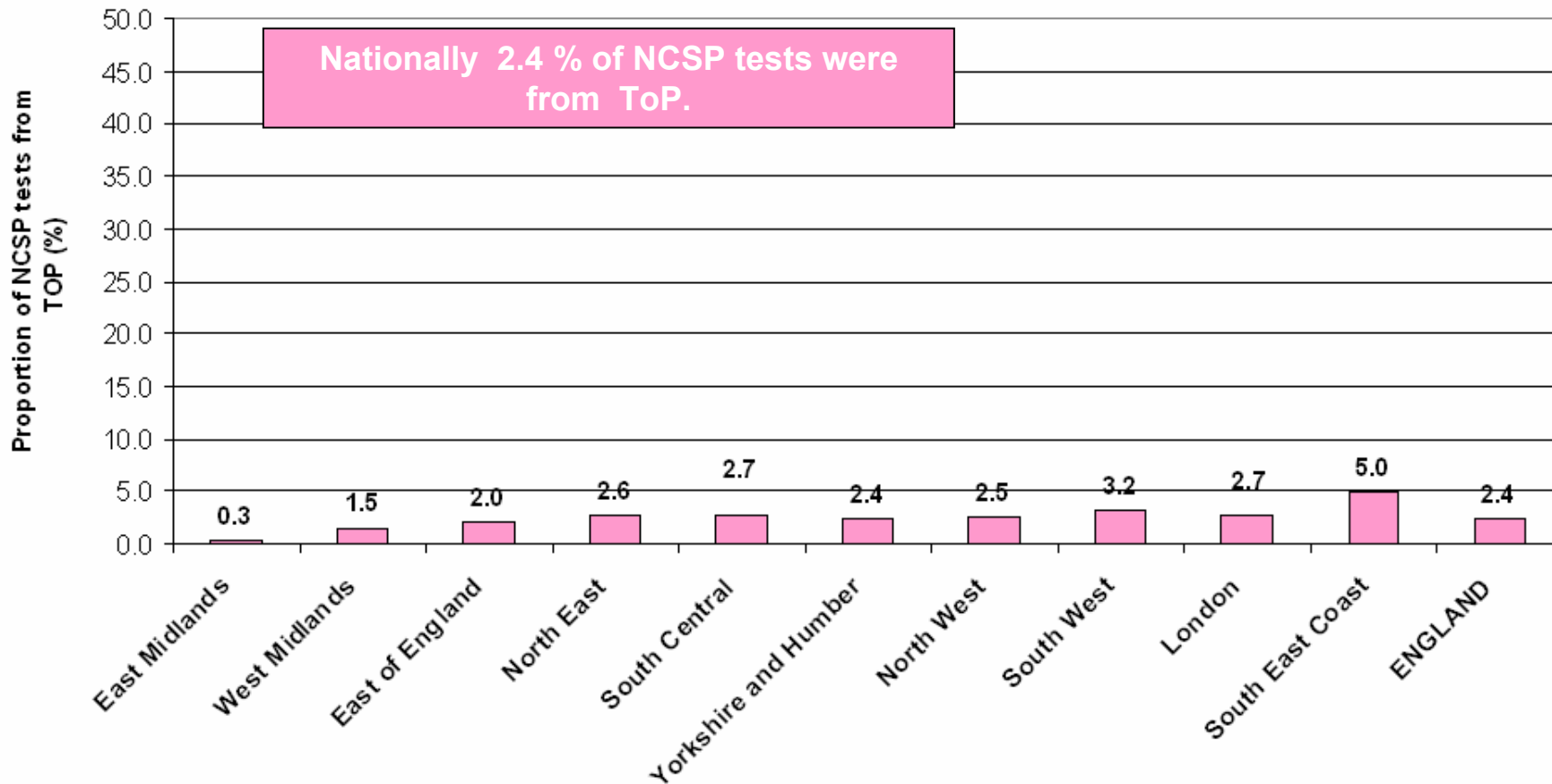
## Proportion of tests from Pharmacies: Apr 09 - Sep 09



## Coverage of tests from Termination of Pregnancy: Apr 09 - Sep 09

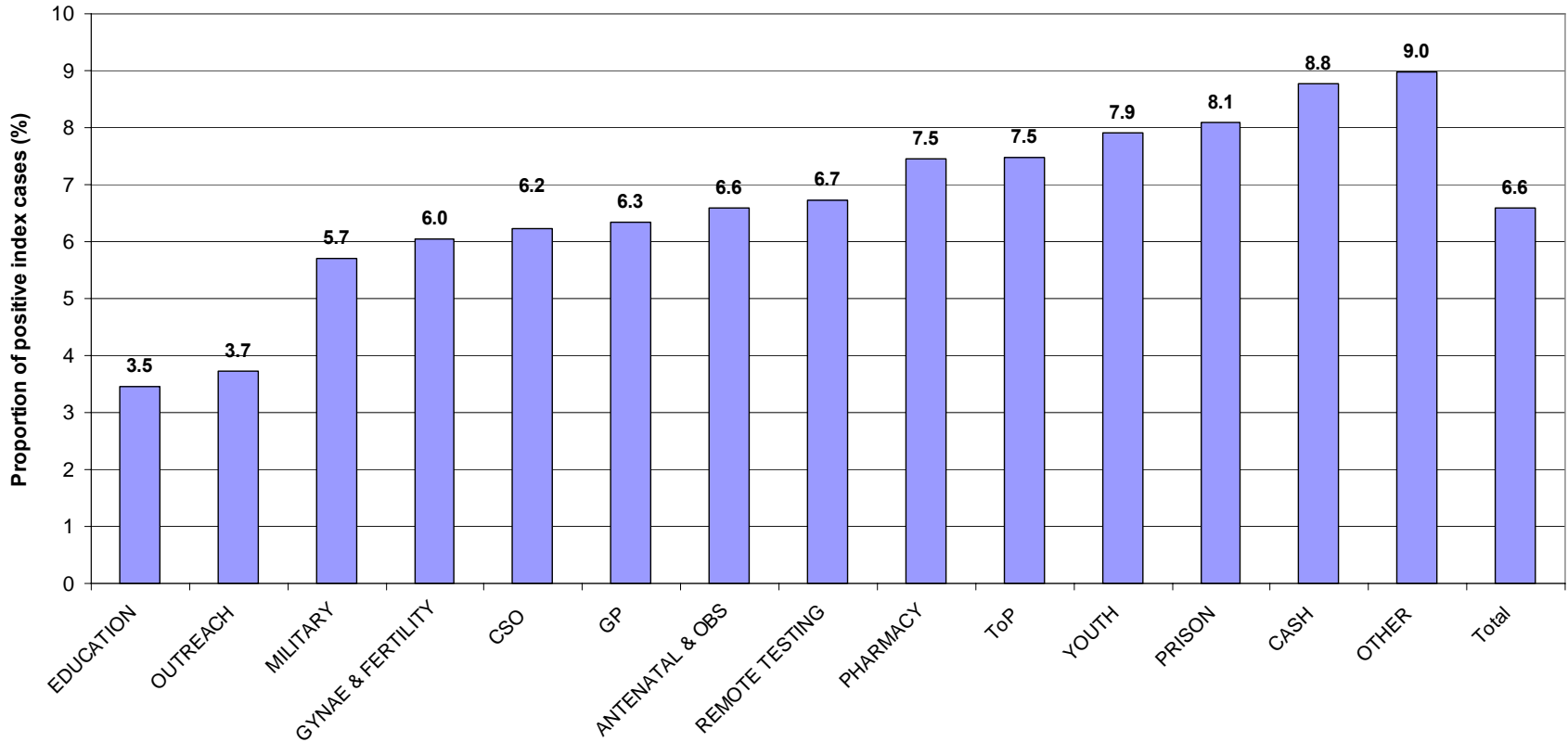


## Proportion of tests from Termination of Pregnancy : Apr 09 - Sep 09



# England

## Proportion positive by Venue Type: Apr 09 - Sep 09



# ENGLAND 2009/10

**Possible expansion in core services:  
untapped capacity**

# ENGLAND: VSI 2009/10

- Target: 1,724,575 tests



(if we assume 80% will be coming from NCSP tests)

- NCSP: 1,379,660 tests



(If 60% of NCSP tests were conducted within the core services)

- MINIMUM

60% of tests in core primary care services\*

amounts to 827,796 tests (12.0% coverage)



\* Core services are defined as sexual and reproductive health services, general practice, pharmacy and termination of pregnancy.

Type of core service	Number of services engaged by the NCSP*	Number of tests/service / week	Total number of tests
CASH	1,234 (24%)	4.0	118,906
GP	5,165 (42%)	0.6	72,559
Pharmacy	1,582 (12%)	0.3	10,585
ToP	123 (N/A)	3.6	10,769
<b>TOTAL</b>			<b>212,819</b>
<p><b>212,819 = 3.1% coverage within NCSP core services</b>  <b>Total coverage = 8.6%</b></p>			



\* Number of NCSP registered services who submitted at least 1 test during Apr – Sep 2009

# Scenario 1:

Every core service currently engaged by  
the NCSP delivers an average of 5 tests per week for the rest  
of 2009/2010 (Oct 09- Mar 10)

Type of core service	Number of services engaged by the NCSP	Number of tests/service/ week	Total number of tests
CASH	1,234 (24%)	5	148,080
GP	5,165 (42%)	5	619,800
Pharmacy	1,582 (12%)	5	189,840
ToP	123 (N/A)	5	14,760
<b>TOTAL</b>			<b>972,480</b>

**972,480 = estimated 14.1% coverage within NCSP core services**  
**This gives an estimated total\* national coverage of 19.6% for the last half of 2009 / 2010 alone.**

## Scenario 2:

For the second half of 2009/2010 (Oct 09- Mar 09)



60% of core services are engaged with each venue delivering  
an average of 5 tests / week

Type of core service	Number of services engaged by the NCSP	Number of tests/service/ week	Total number of tests
CASH	3,027 (60%)	5	363,240
GP	7,293 (60%)	5	875,160
Pharmacy	8,161 (60%)	5	979,320
ToP	123 (N/A)	5	14,760
<b>TOTAL</b>			<b>2,232,504</b>

**2,232,504 = estimated 32.4% coverage within NCSP core services.**

**This gives an estimated total\* national coverage of 37.9% for the last half of 2009 / 2010 alone.**



\*If we assume the same proportions of non NCSP non GUM and non core NCSP tests that were seen in Apr 09 -Sep 09.

# Key Messages

- Better performance by existing primary care core venues will help you meet the VSI target.
- If every NCSP registered primary care core venue in England submitted 5 tests per week (one test a day) in the second half of 2009/2010 we would have an estimated 14.1% coverage nationally from these core services alone and an estimated 19.6% total coverage\* for the second half of 2009/2010.
- Engagement of 60% of core services with each service submitting an average of 5 tests / week gives a scenario where national coverage would reach an estimated 32.4% in six months from core services alone.

# Sources of denominator information

- **CASH / SRHS†** → 5,045 venues<sup>^</sup>
- **GP** → 12,155 venues<sup>\*</sup>
- **Pharmacy** → 13,602 venues<sup>\*</sup>
- **ToP** → not available yet
  
- **Source of data:**
- <sup>^</sup>NHS Choices data supplied by Fuel data.
- <sup>\*</sup>NHS Connections.