

**NatCen**

Social Research that works for society

# Health Survey for England

Update July 2013

Rachel Craig



 **UCL**

# HSE

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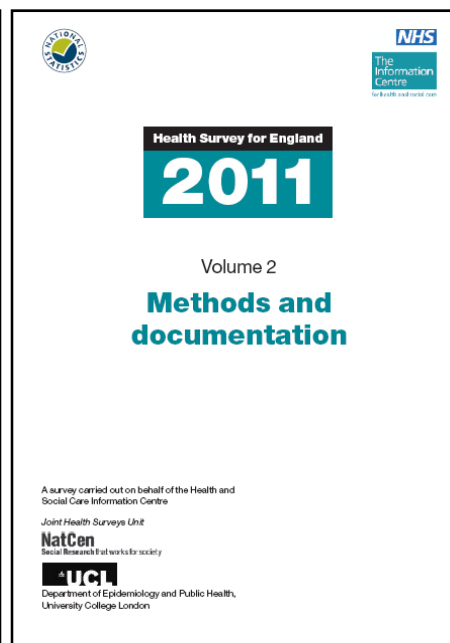
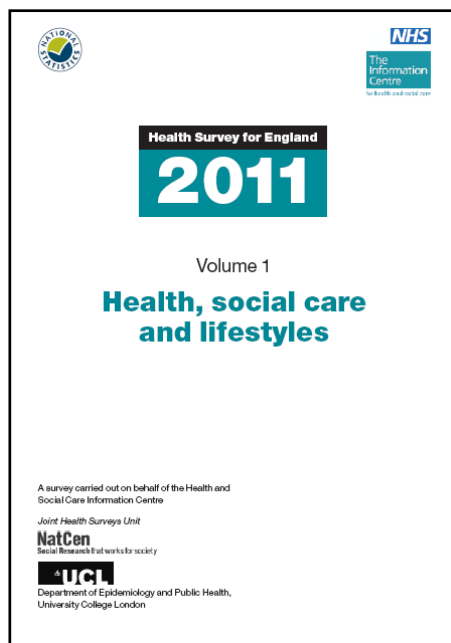
- Commissioned by the Health and Social Care Information Centre (HSCIC)
- Conducted by NatCen Social Research and UCL
  
- 2011 report published December 2012
- 2012 report currently being written
- 2013 survey in the field
- 2014 planning under way

# HSE 2011 report

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Report and trend tables available online:

[www.hscic.gov.uk/searchcatalogue?q=Health+Survey+for+England+2011](http://www.hscic.gov.uk/searchcatalogue?q=Health+Survey+for+England+2011)



# HSE 2011 report

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Cardiovascular disease,

Hypertension, diabetes

Social care

Chronic pain

Alcohol consumption

Healthy Foundations segments

Obesity

Sample: c8,600 adults,  
c2,000 children  
c5,000 nurse visits

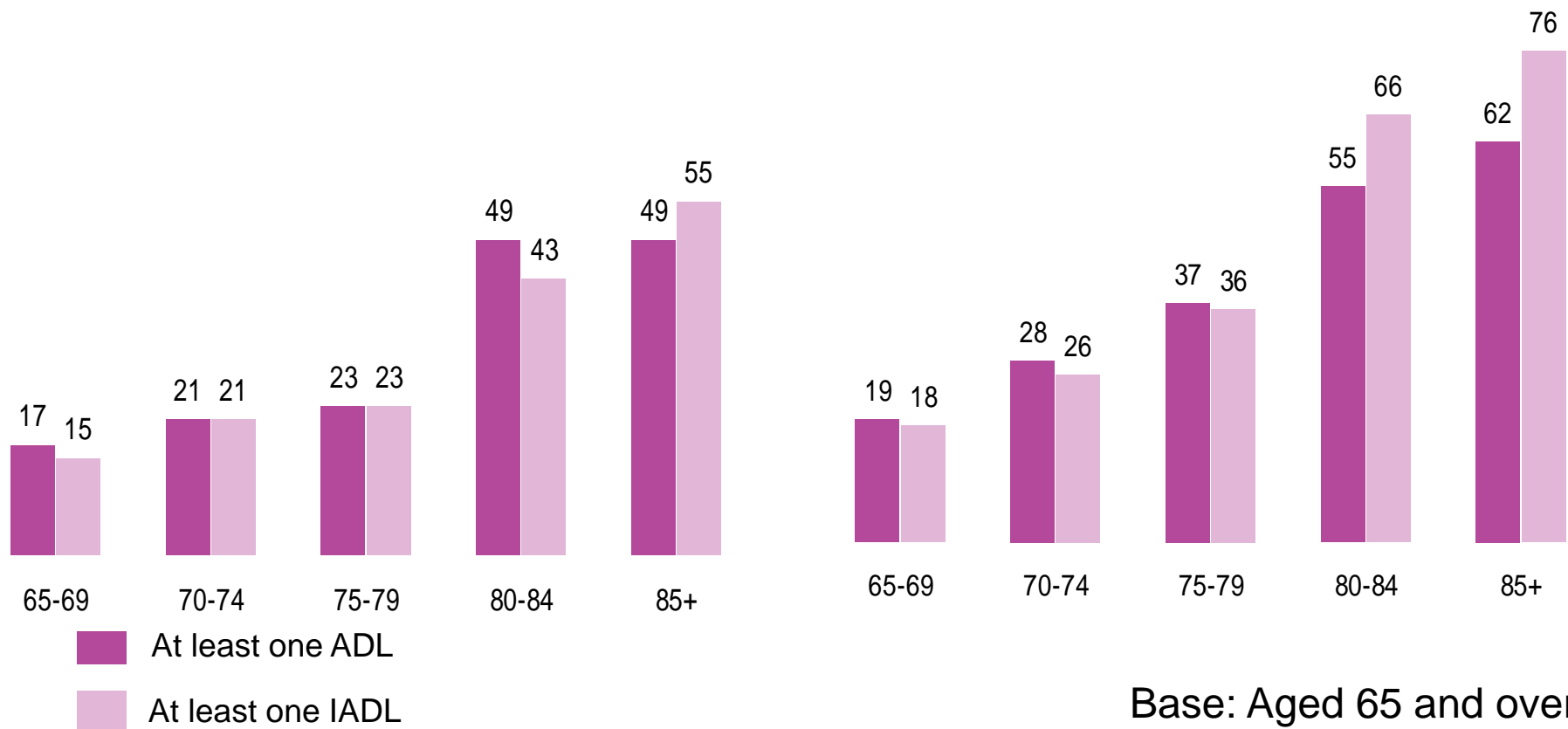
# HSE 2011 report: Social care

- New module of questions, first set of data
- Covers:
  - Need for and receipt of care (65+)
  - Providing care (all adults)
- Based on series of:
  - **Activities of daily living** –stairs, bathing, dressing, eating, washing
  - **Instrumental activities of daily living** – shopping, paperwork and bills

# Social care: need for help

Men

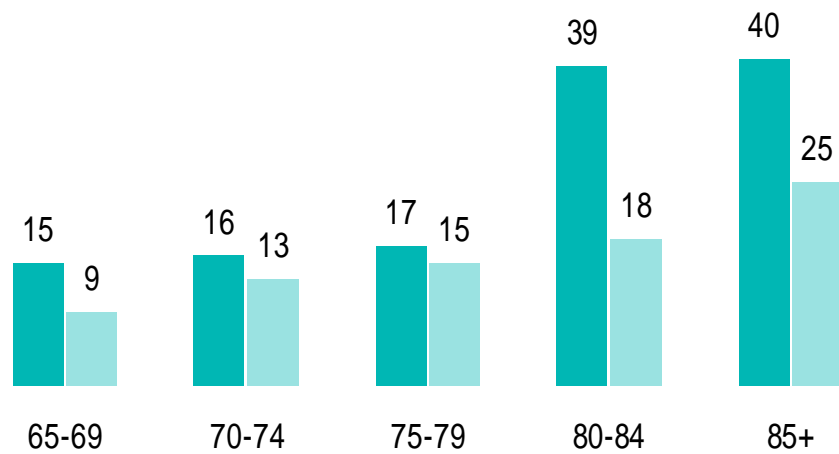
Women



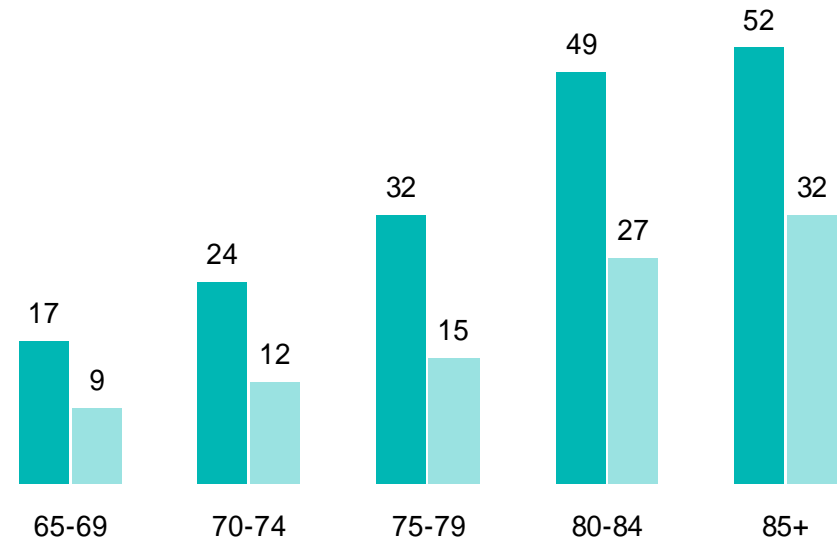
Base: Aged 65 and over



# Unmet need

Men



Women

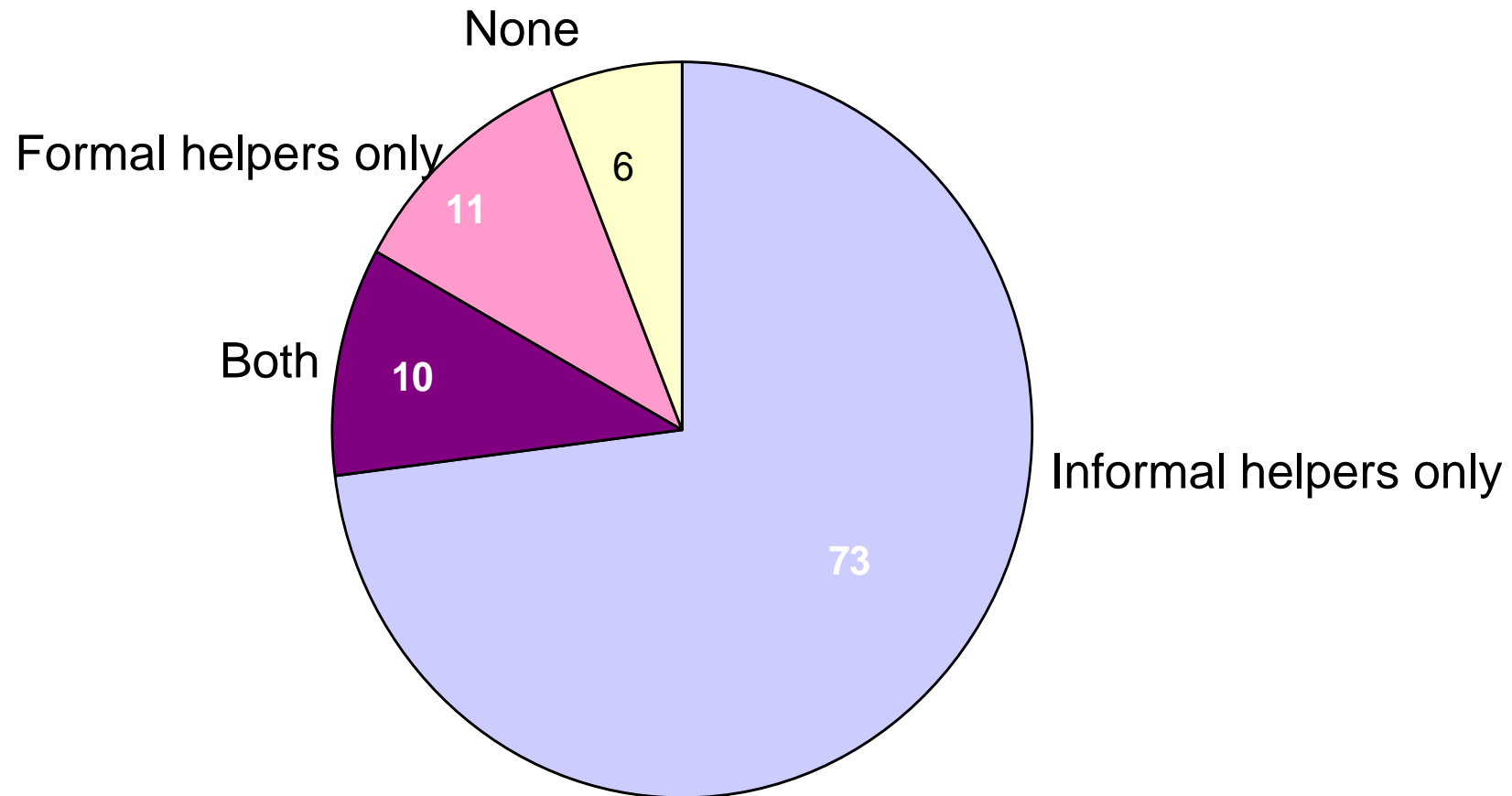


 At least one ADL  
 At least one IADL

Base: Aged 65 and over

# Who is providing care: ADLs for women

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# HSE 2011 report: Chronic pain

- Defined as:

  - ‘pain or discomfort which troubles a person all of the time or on and off for more than 3 months’

- Asked questions about:

  - Rating of current/ worst/usual pain in last 3 months

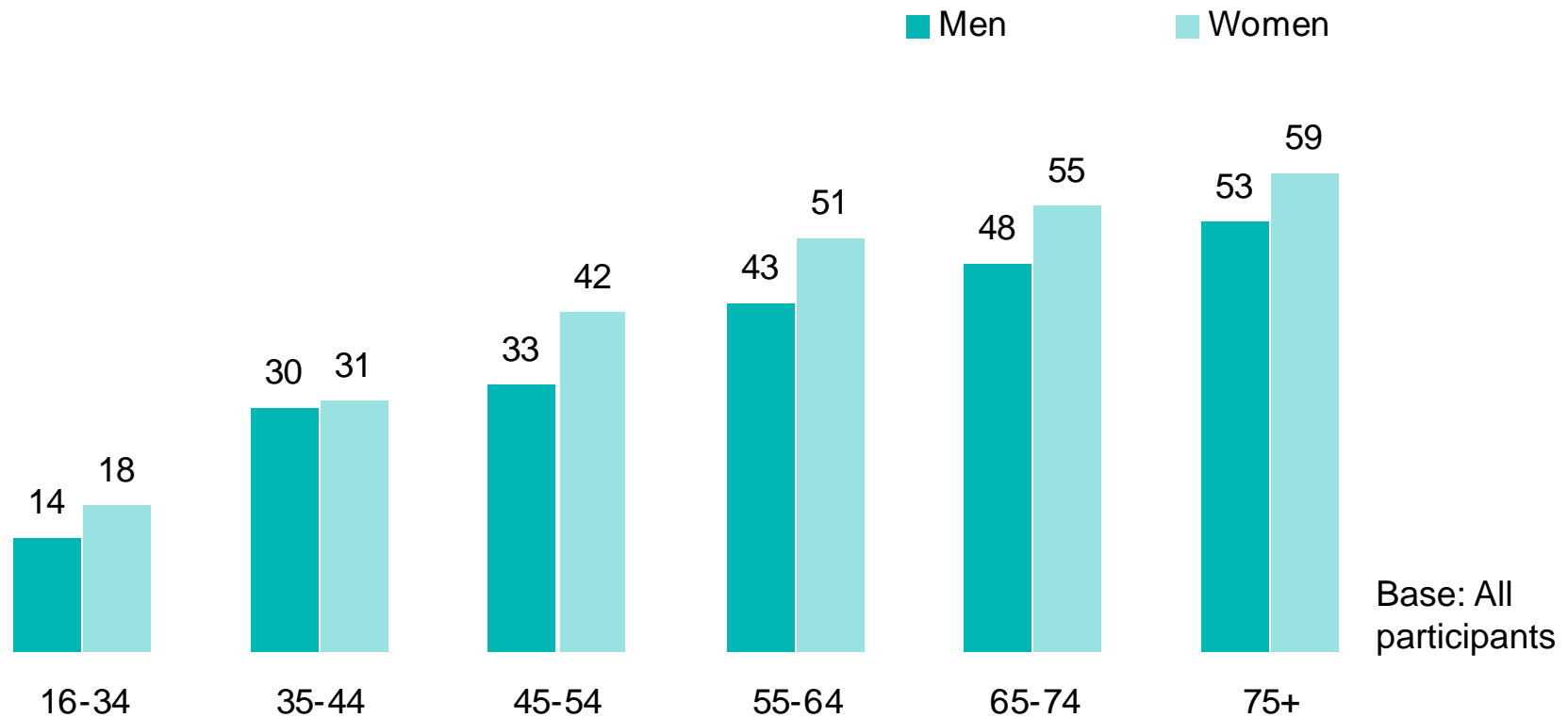
  - Impact on usual activities

- Assigned Von Korff Chronic Pain Grades, based on **intensity** and **interference**

# Chronic pain: prevalence

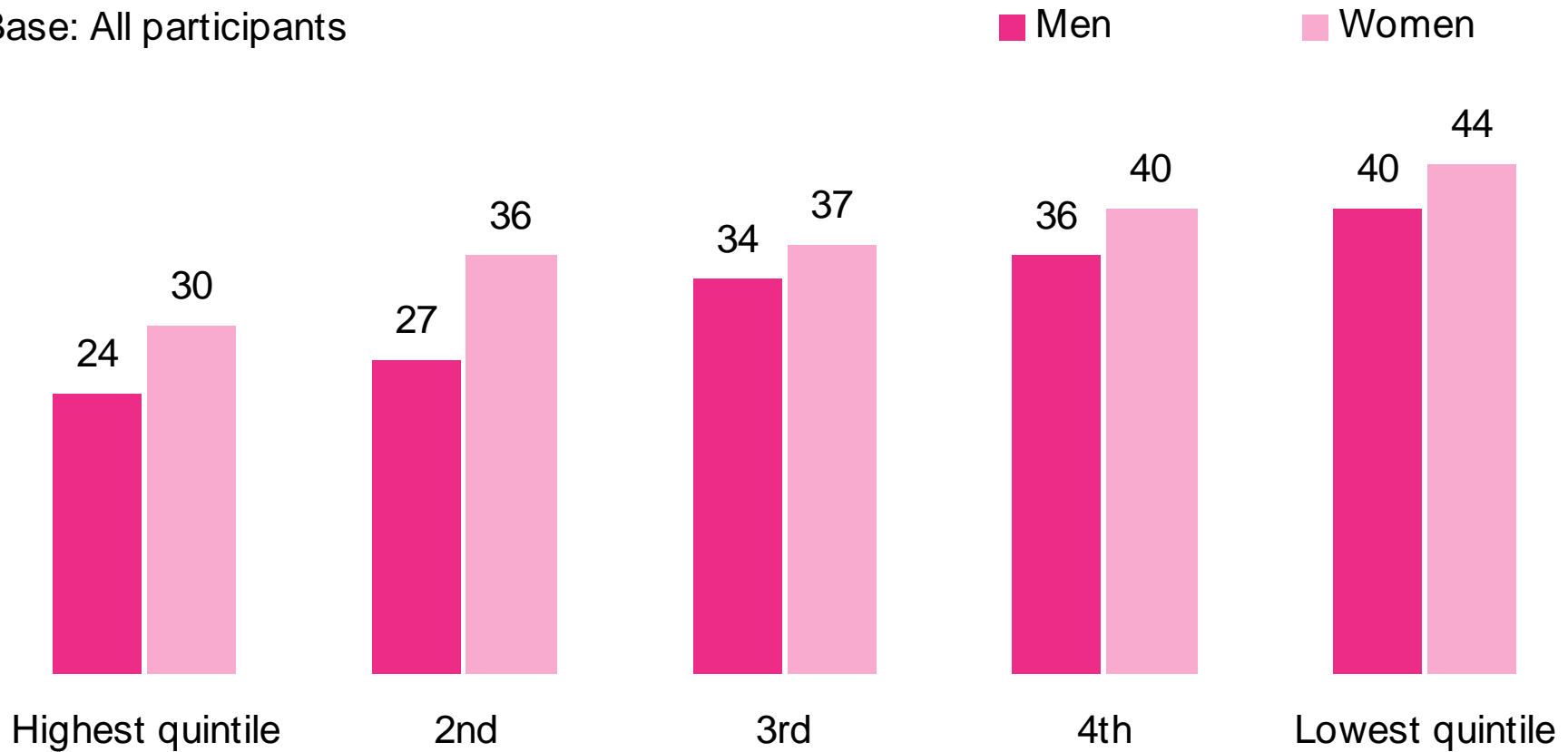
34% of adults had chronic pain: c14.5m

31% of men, 37% of women



# Chronic pain: equivalised household income

Base: All participants



# Healthy Foundations segments

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Health Conscious  
Realists

Balanced  
Compensators

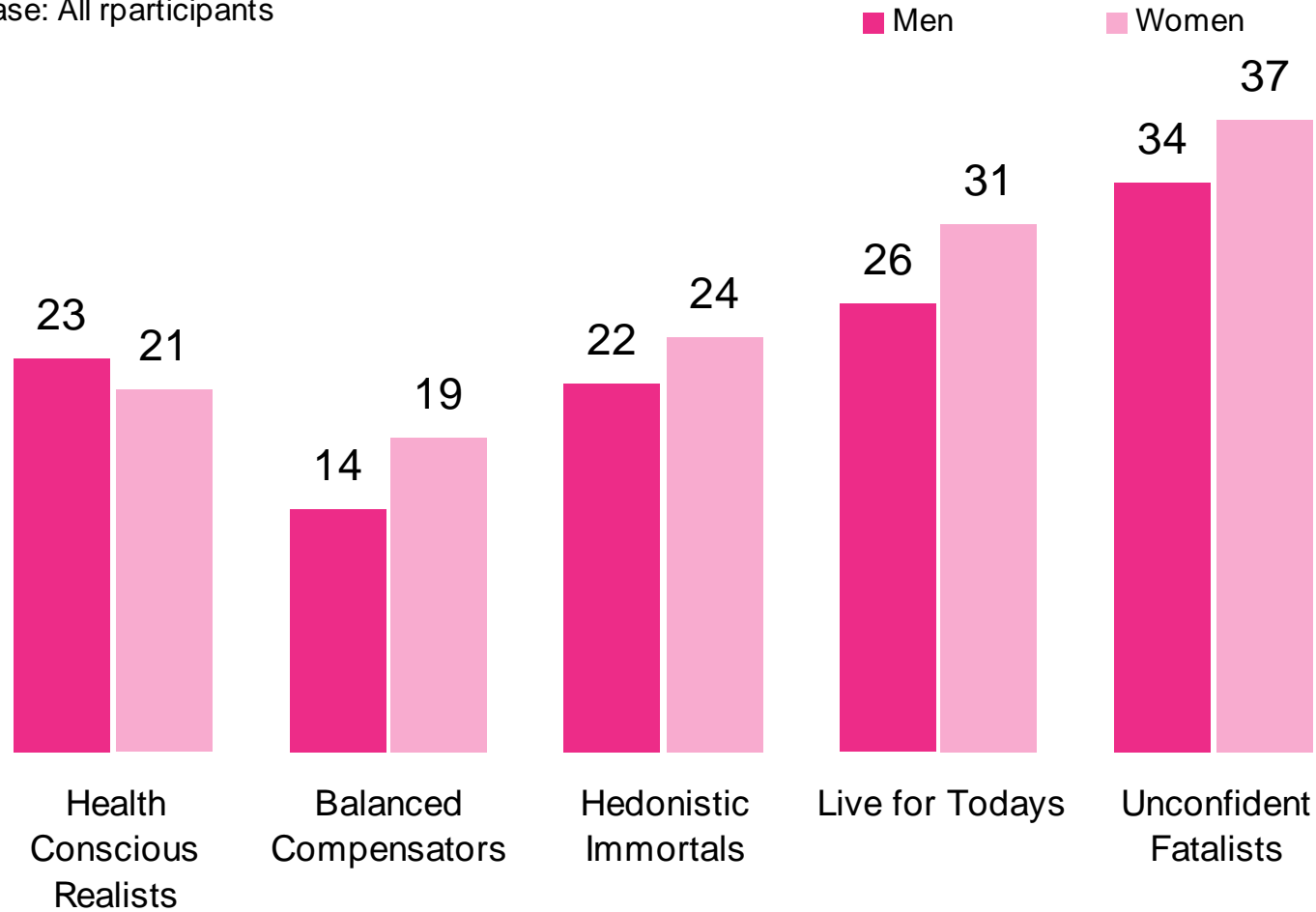
Hedonistic  
Immortals

Live for  
Todays

Unconfident  
Fatalists

# Prevalence of obesity by Healthy Foundations segments

Base: All rparticipants

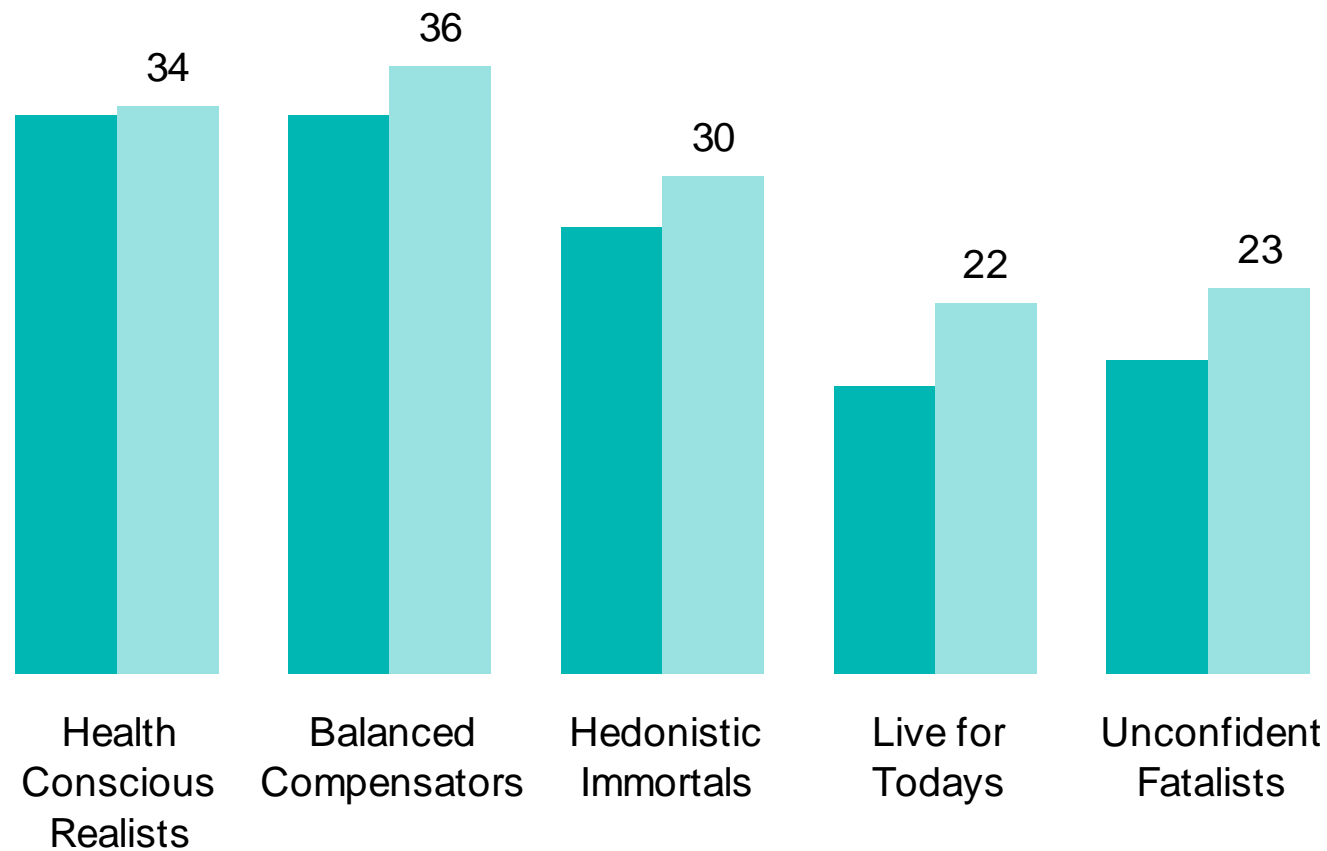


# Eating 5+ portions of fruit and vegetables by Healthy Foundations segments

Base: All participants

Men

Women

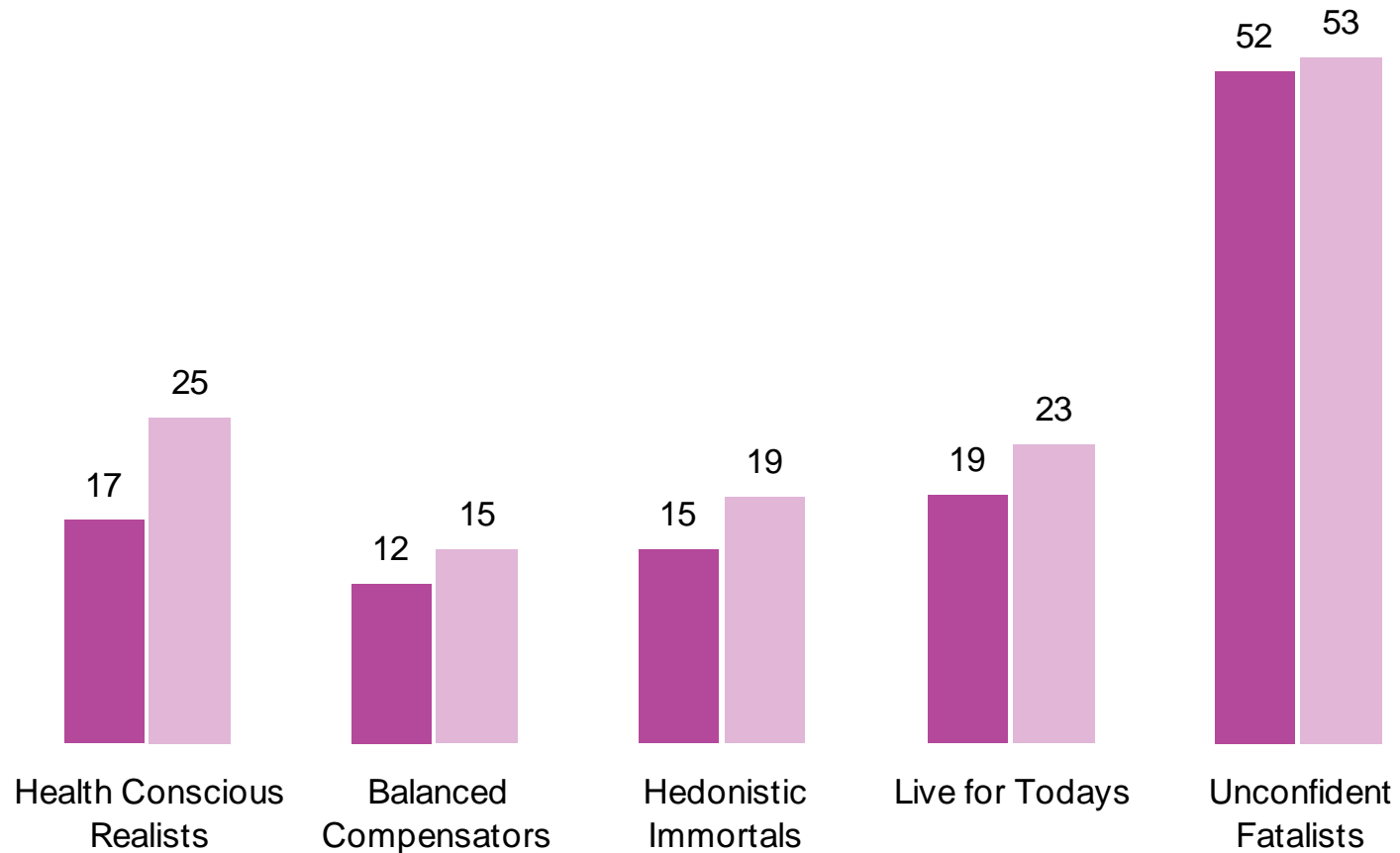


# Anxiety and depression by Healthy Foundations segments

Base: All participants

Men

Women

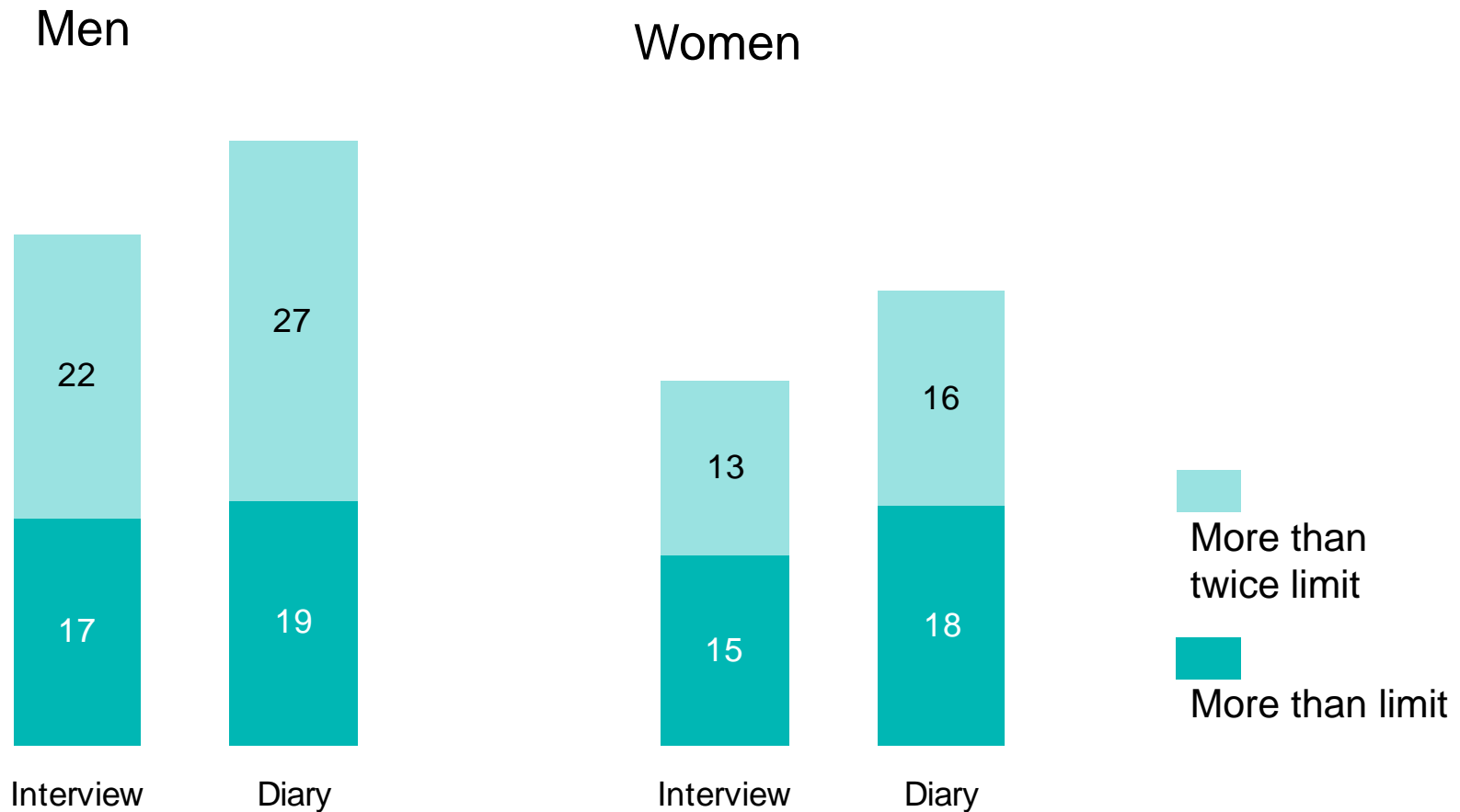


# HSE 2011 report: Alcohol consumption

- Core questions about drinking last week
- Additional questions about regular drinking
- Drinking diary completed in the week following the interview



# Drinking more than recommended in one day: interview and diary



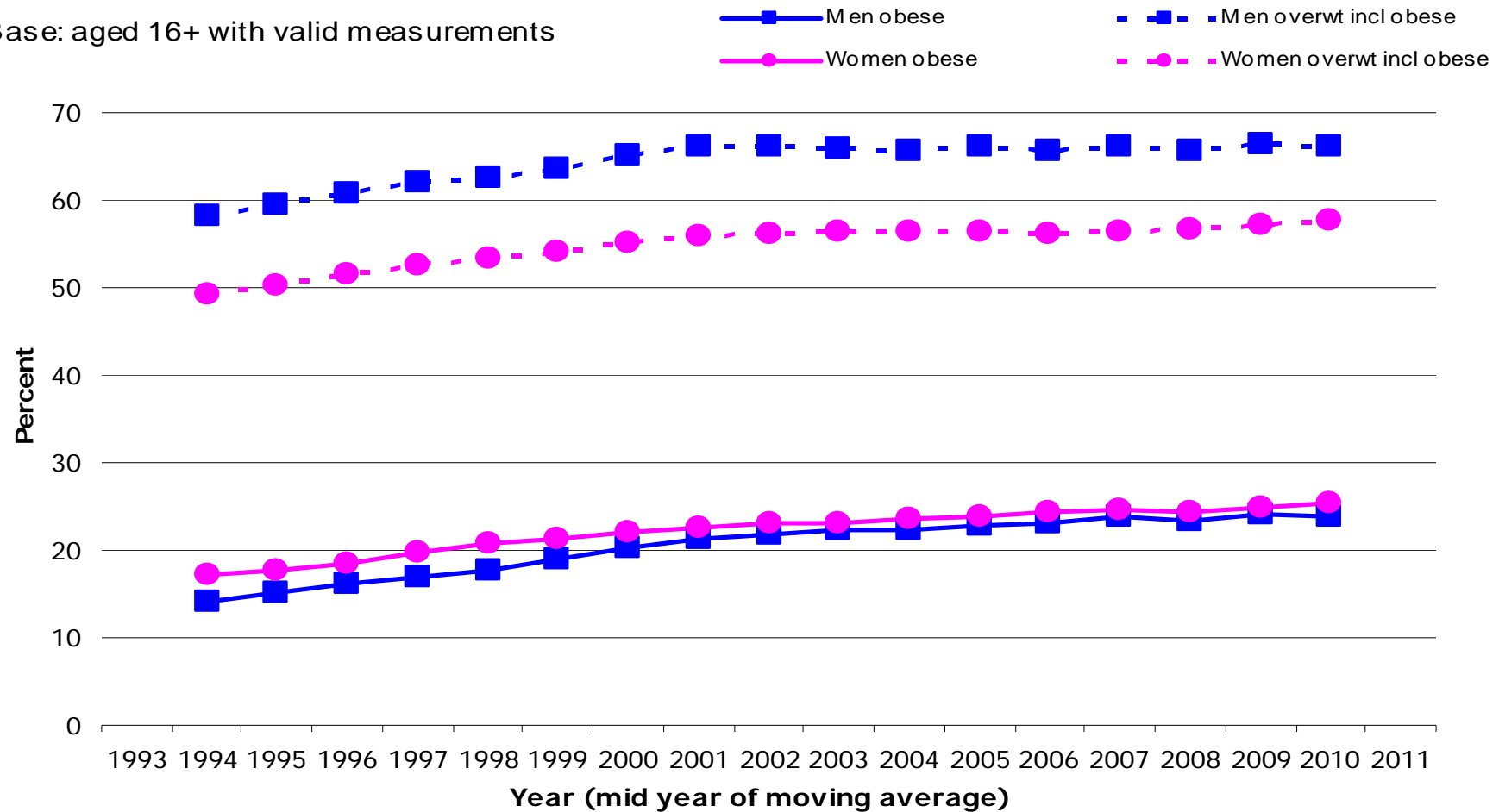
Base: Aged 18 and over

# HSE 2011 report: Obesity

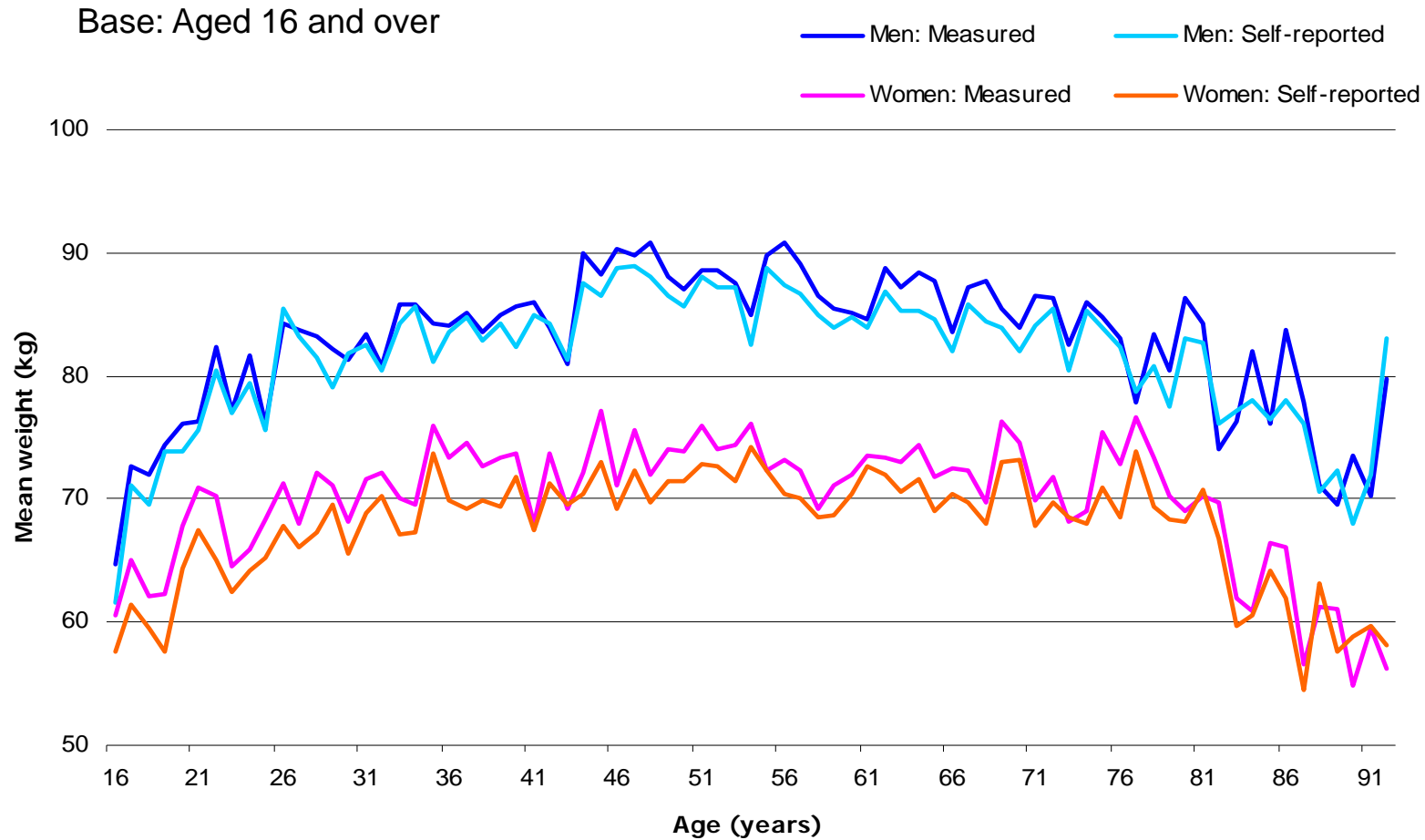
- Continue long term trends in obesity, based on interviewer measurements
- Also asked for self-reported height and weight

# Overweight and obesity prevalence, 1993-2011 (three year moving averages)

Base: aged 16+ with valid measurements



# Mean weight: interviewer measured and self-reported



# HSE 2012

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- Same design as 2011
- No child boost:
  - Sample size: 8,000 adults and 2,000 children

# Interviewer topics: core

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General health, longstanding illness

Social care

Doctor diagnosed hypertension and diabetes

Fruit and veg consumption

GHQ12 and EQ-5D

2012

Smoking

Drinking (last 7 days)

Height and weight measurement (BMI)

Linkage to central register, Hospital Episode Statistics

# Nurse visit: core

Medications	All	
Vitamins, nicotine replacements	16+	
Infant immunisations	0-1	
Blood pressure	5+	
Waist and hip circumference	11+	
Blood sample	16+	
Saliva sample	4-15	
Saliva sample	Urine sample	16+

2012

# Smoking module review

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## New questions

- Hand rolled
- Added 'public parks' to outdoor places smoked
- Intention to quit
- Whether smoking same/more/less than a year ago
- Updated list on use of nicotine replacement products
  - Use to quit, cut down, minimise harm
- Whether sought professional help to quit

Removed Qs on smoking during pregnancy



# 2012 report

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Physical activity

Mental health

Well-being

Alcohol consumption

Social care

Gambling

Obesity

And not in the report...

Sexual health

# Additional topics for 2013

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Extended social care module

Eyesight

Shift working

End of life care

Regular drinking

Wellbeing

# Possible additional topics for 2014

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Wellbeing

Regular drinking

Learning difficulties

Social care payment questions

Planning for social care ?

Attitudes to mental health/stigma ?

Hearing ?

# NHS reorganisation: geography

- No longer using SHAs as a standard breakdown in reports
- SHA no longer basis for sampling
- But GOR, SHA still on dataset
- In the future may use PHE centres (x 15)
  - But some may be too small for separate analysis
  - May need 2 years' data
- LA available if requested via Data Release Panel

# Looking ahead

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- Consultation
- Moving forward on data linkage:
  - Mortality data available
  - Cancer and HES data later in the year
- Ethnic boost?

# Thank you

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If you want further information,

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