Public Health England

Protecting and improving the nation's health

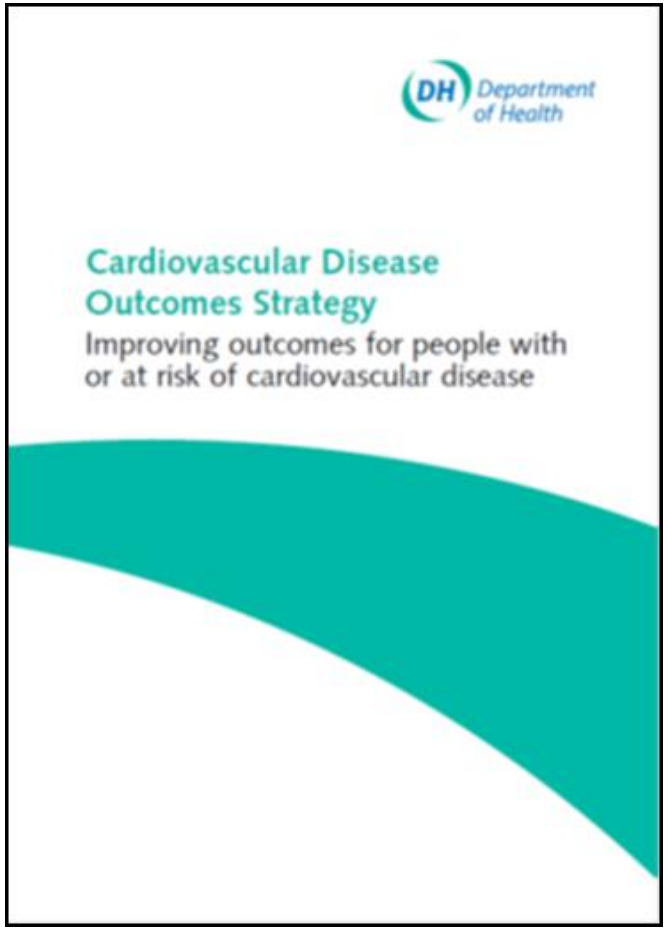
Introduction to the National Cardiovascular Intelligence Network (NCVIN)

Rachel Clark – National Lead, NCVIN

Getting Serious About Cardiovascular Disease Prevention 2018: Reducing Variation and Optimising Care conference

Cardiovascular Disease Outcomes Strategy

- Manage CVD as a single family of diseases
- Improve prevention and risk management
- Improving and enhancing case finding in primary care
- Better identification of very high risk families/individuals
- Better early management and secondary prevention in the community
- Improve acute care
- Improve care for patients living with CVD
- Improve intelligence, monitoring and research and support commissioning

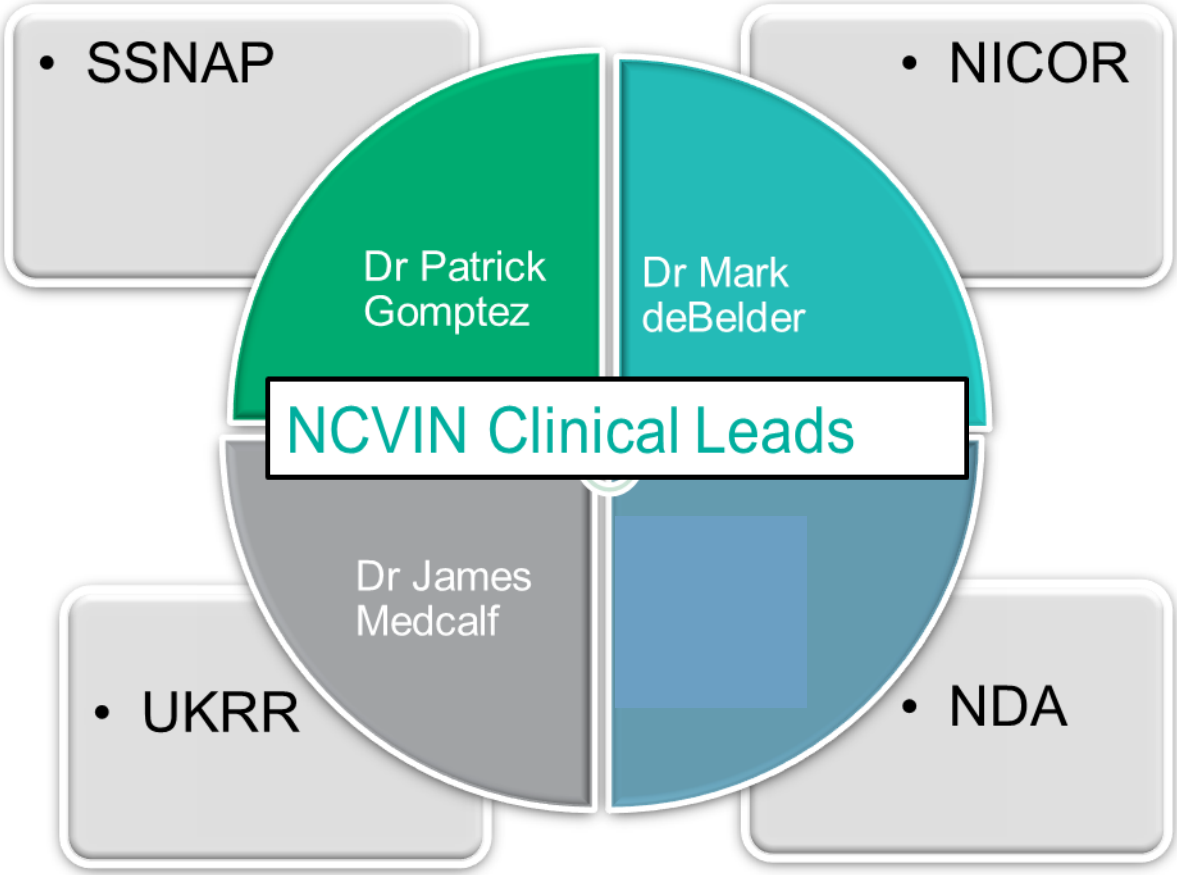


"the NHS Commissioning Board and Public Health England will look to establish a cardiovascular intelligence network (CVIN) bringing together epidemiologists, analysts, clinicians and patient representatives. The CVIN, working with the HSCIC, will bring together existing CVD data and identify how to use it best"

Cardiovascular Disease Outcomes Strategy, 2013

Some of our partners

Integrated partnerships with cardiovascular audits



NCVIN: Our workstreams

INTELLIGENCE INTO PRACTICE

To embed information & intelligence into local service improvement

TOOLS & RESOURCES

To develop relevant and timely tools & resources through a single portal

RESEARCH & DEVELOPMENT

To take a strategic lead on the creative & innovative development of information

Core services

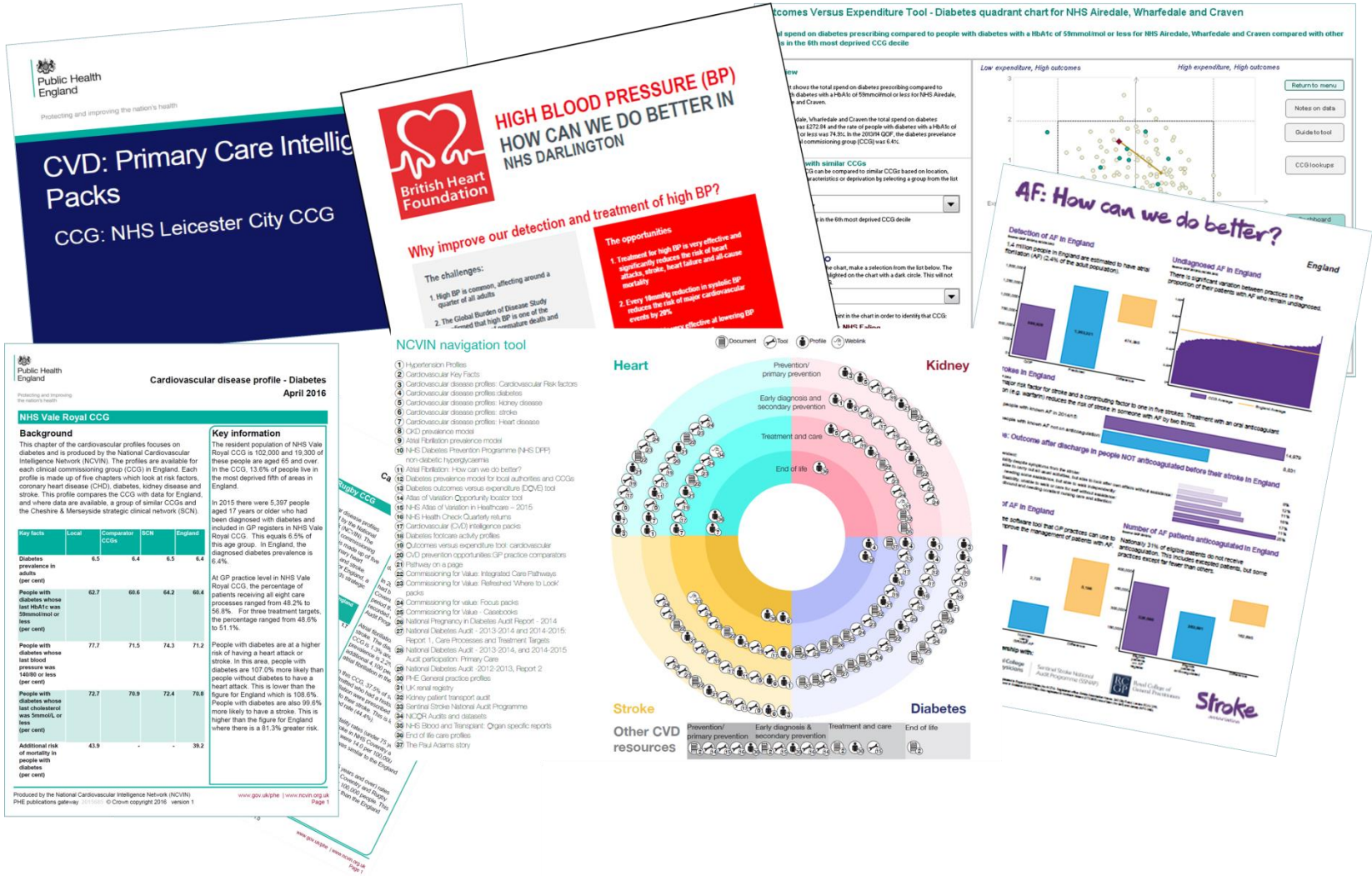
- **CVD statistical and epidemiological analysis and interpretation**
  - Data analysis – surveys, audits
  - User friendly outputs – maps, charts, interactive profiles
  - Prevalence models

- **Translation of data into decision making**
  - Masterclasses
  - Workshops
  - Clinical champions

- **Networking, partnerships, supporting the system**

- **Emerging activity……Monitoring of national programmes**

Tools and resources



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Guidance

Cardiovascular disease data and analysis: a guide for health professionals

From: Public Health England
Published: 3 May 2017
Last updated: 4 September 2017, see all updates

Explains how commissioners and health professionals can use data and analysis for decisions about cardiovascular services and interventions.

Contents

This guidance is for commissioners, public health directors and others involved in the local planning and provision of services and interventions that support people with cardiovascular disease (CVD) conditions.

Public Health England (PHE) collates and analyses available CVD data and produces intelligence resources to help with improving services and outcomes. This guidance supports health professionals with using these resources to make or influence decisions about local services.

Resources

- **CVD Primary care intelligence packs**
- **Summary profiles of cardiovascular data**

  CVD, Diabetes footcare, Hypertension
- **Estimates of CVD prevalence**

  Atrial fibrillation, Chronic kidney disease, Diabetes, Hypertension,

  Non-diabetic hyperglycaemia
- **Other resources**

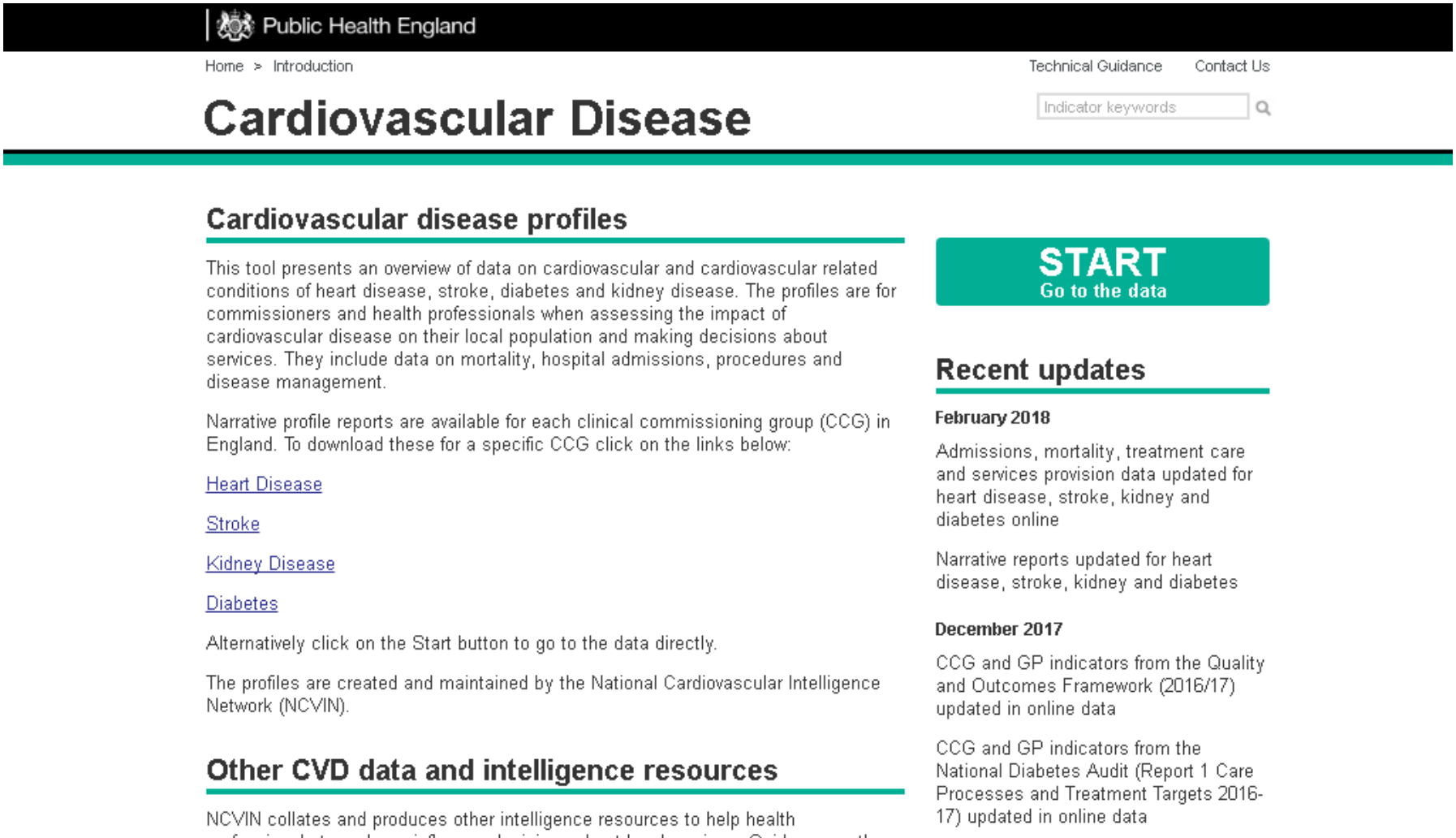
  Spending on care versus patient outcomes – DOVE, CVOVE

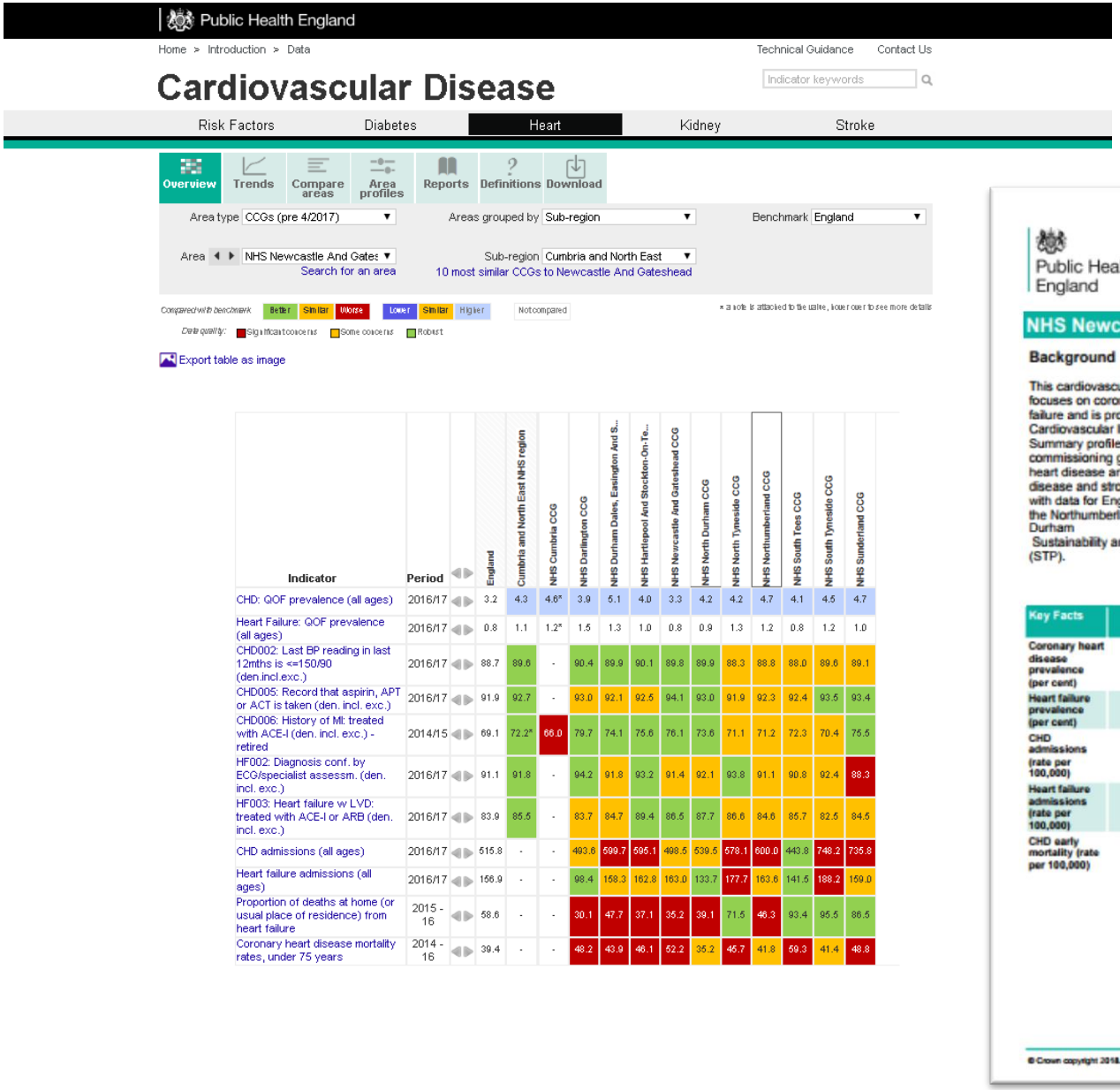
  First incidence of stroke: estimates for England 2007 to 2016

  Atrial fibrillation data intelligence packs

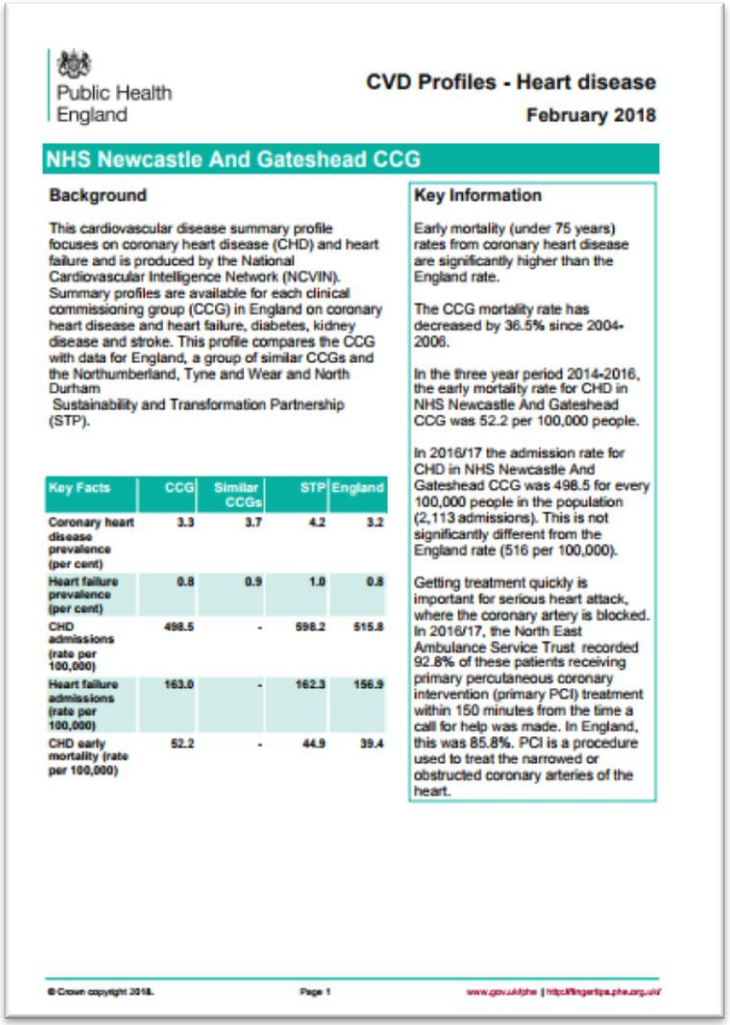
  Blood pressure data intelligence packs

PHE fingertips





Indicator	Period	England	Cumbria and North East NHS region	NHS Cumbria CCG	NHS Darlington CCG	NHS Durham Dales, Easington And S...	NHS Hartlepool And Stockton-On-Te...	NHS Newcastle And Gateshead CCG	NHS North Durham CCG	NHS North Tyneside CCG	NHS Northumberland CCG	NHS South Tees CCG	NHS South Tyneside CCG	NHS Sunderland CCG
CHD: QOF prevalence (all ages)	2016/17	3.2	4.3	4.6*	3.9	5.1	4.0	3.3	4.2	4.2	4.7	4.1	4.5	4.7
Heart Failure: QOF prevalence (all ages)	2016/17	0.8	1.1	1.2*	1.5	1.3	1.0	0.8	0.9	1.3	1.2	0.8	1.2	1.0
CHD002: Last BP reading in last 12mths is <=150/90 (den.incl.exc.)	2016/17	88.7	89.6	-	90.4	89.9	90.1	89.8	89.9	88.3	88.8	88.0	89.6	89.1
CHD005: Record that aspirin, APT or ACT is taken (den. incl. exc.)	2016/17	91.9	92.7	-	93.0	92.1	92.5	94.1	93.0	91.9	92.3	92.4	93.5	93.4
CHD006: History of MI: treated with ACE-I (den. incl. exc.) - retired	2014/15	69.1	72.2*	66.0	79.7	74.1	75.6	76.1	73.6	71.1	71.2	72.3	70.4	75.5
HF002: Diagnosis conf. by ECG/specialist assessm. (den. incl. exc.)	2016/17	91.1	91.8	-	94.2	91.8	93.2	91.4	92.1	93.8	91.1	90.8	92.4	88.3
HF003: Heart failure w LVD: treated with ACE-I or ARB (den. incl. exc.)	2016/17	83.9	85.5	-	83.7	84.7	89.4	86.5	87.7	86.6	84.6	85.7	82.5	84.5
CHD admissions (all ages)	2016/17	515.8	-	-	493.6	599.7	595.1	498.5	539.5	578.1	600.0	443.8	748.2	735.8
Heart failure admissions (all ages)	2016/17	156.9	-	-	98.4	158.3	162.8	163.0	133.7	177.7	163.6	141.5	188.2	159.0
Proportion of deaths at home (or usual place of residence) from heart failure	2015 - 16	58.6	-	-	30.1	47.7	37.1	35.2	39.1	71.5	46.3	93.4	95.5	86.5
Coronary heart disease mortality rates, under 75 years	2014 - 16	39.4	-	-	48.2	43.9	46.1	52.2	35.2	45.7	41.8	59.3	41.4	48.8



Public Health England

NCVIN update

National Cardiovascular Intelligence Network (NCVIN)

Issue 3, September 2017

Dear colleague

We've recently completed updates for some of our most well-established and used outputs: CVD primary care intelligence packs and Diabetes foot care profiles. We hope that you find the new data in these resources useful and would be keen to hear from you about how you might have put what you've found out from looking at them into practice on the ground. Do let us know how you've used these and if you have any thoughts for how they might be improved by emailing ncvin@phe.gov.uk

Like many of you, we're also beginning to look ahead to what our work programme might include in 2018/19. It still seems some time off but we know that we'll be trying to make detailed plans before long. If you have any suggestions for how our work programme can best meet your needs next year, please let us know by emailing ncvin@phe.gov.uk

Rachel Clark
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Public Health England

New and updated

For more information on using our data and to access our products, visit **Cardiovascular disease data and analysis: a guide for health professionals**

Diabetes foot care profiles update

subscribe for future emails here selecting 'NCVIN update'.