

POPULATION HEALTH INFORMATION

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WHAT IS A 'PUBLIC HEALTH' APPROACH?

Starting with
population needs

1y, 2y and 3y
prevention

'With' the
community, not 'to'
the community

Use of data/
evidence-based

Collaboration with
partners

Measurement and
evaluation

Structured
approach

Causes of causes

Outcomes focused

Wider
determinants

Inequalities

Long term planning

POPULATION HEALTH NEEDS

NHS: “the ability of people to benefit from healthcare provision”

Bradshaw:

- **Normative** need
- **Felt** need
- **Expressed** need
- **Comparative** need

POPULATION HEALTH DATA: SOURCES

NYCC Vale of York CCG population health profile

(<http://hub.datanorthyorkshire.org/dataset/0b1977d0-c5fc-4895-a232-01fb0dea441b/resource/539bce0e-ffe6-40f8-8d1c-a2a4e1821f8c/download/voy-ccg-jsna-2018v5.pdf>)

York population profiles

- LA level (<https://data.yorkopendata.org/dataset/york-profile>)
- Ward level (<https://data.yorkopendata.org/dataset/york-ward-profiles-2018-19-q3>)

North Yorkshire

- LA & district level (<http://hub.datanorthyorkshire.org/dataset/jsna-data>)

Joint Strategic Needs Assessments

- York (<http://www.healthyork.org>)
- North Yorkshire (<http://hub.datanorthyorkshire.org/dataset/jsna-data>)
- East Riding (<https://www.eastriding.gov.uk/living/health-and-wellbeing/joint-strategic-and-pharmaceutical-needs-assessments/>)

Neighbourhood profiles

POPULATION HEALTH DATA: SOURCES

National data

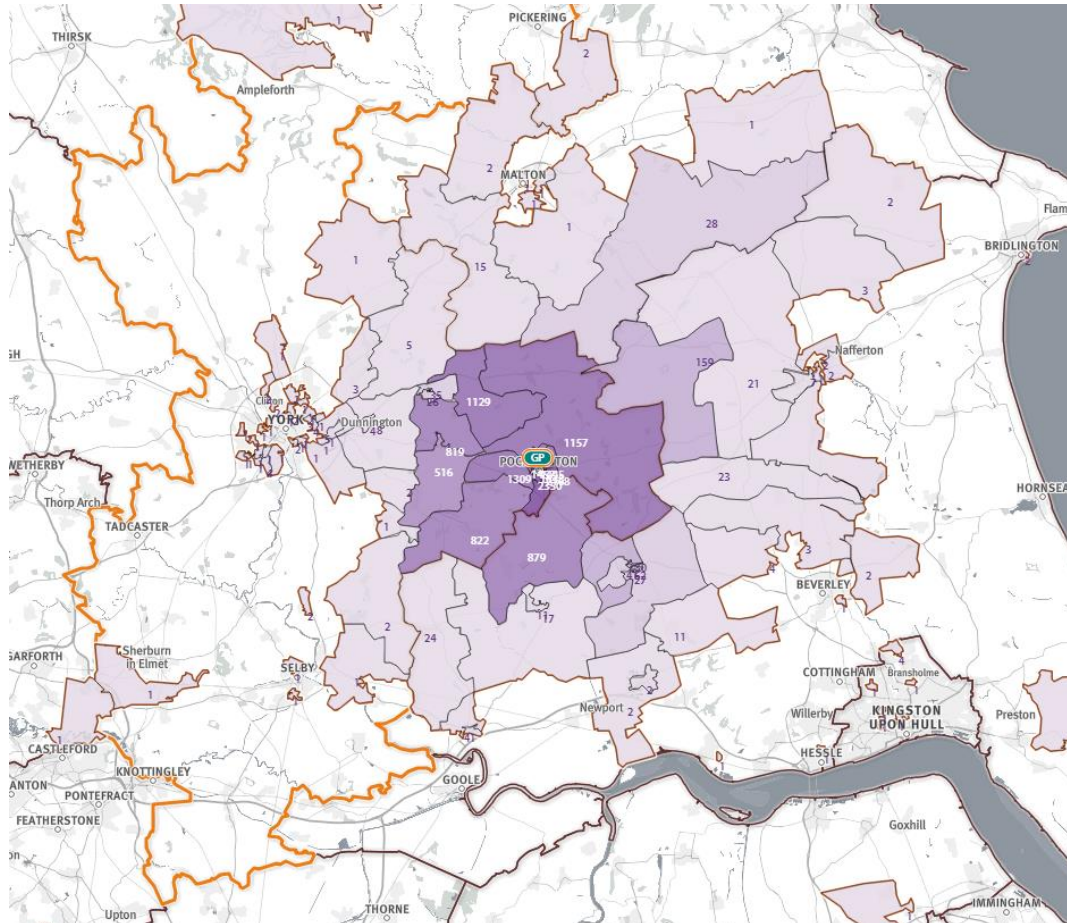
- PHE Fingertips (<https://fingertips.phe.org.uk/>)
- PHE Local Health (<http://www.localhealth.org.uk>)
- SHAPE Atlas (<https://shapeatlas.net/place/>)
- NHS Digital (<https://digital.nhs.uk/>)

Future releases

- PHE hospital catchment population profiles
- NHSE Population Health Management 'flat pack'

<https://fingertips.phe.org.uk/>

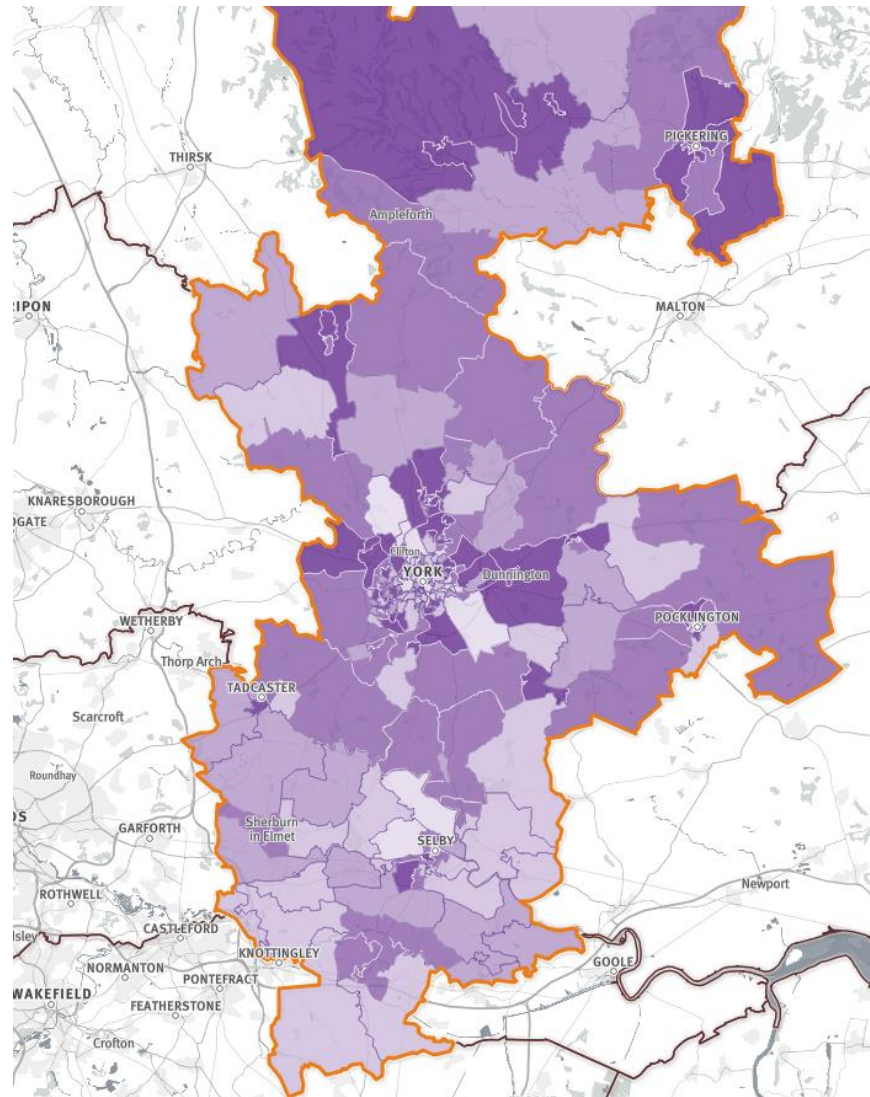
SHAPE ATLAS



GP practice registered population (Pocklington practice)

SHAPE ATLAS

Distribution of people
aged 85+



Need to register for SHAPE Atlas – free, request via NHS email address

WHAT DOES THE CCG PROFILE SAY?

Population: 357,000 registered patients

3.1% increase by 2025

Higher proportion of 15-24 and 50+

7/206 LSOAs in 20% most deprived

In Selby West, Selby East, Westfield,

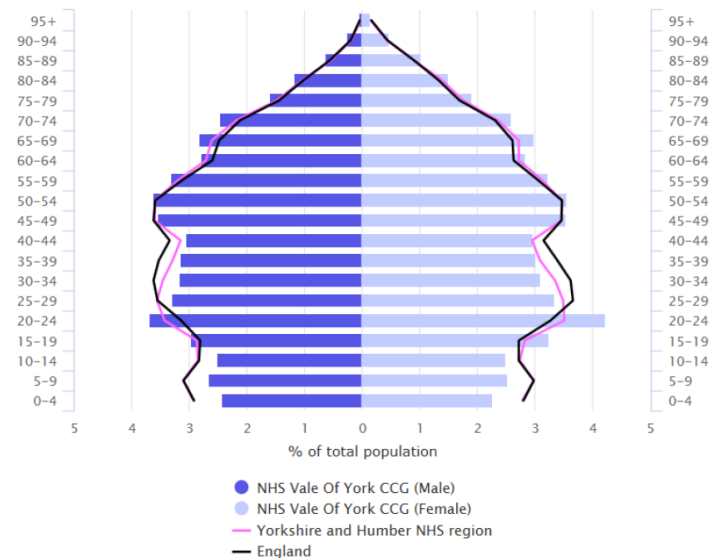
Clifton and Guildhall wards

Over 40,000 hospital admissions 2016/17 – 62% elective, 38% non-elective

15.8% of the population have a long-term health problem or disability

= 54,300 people

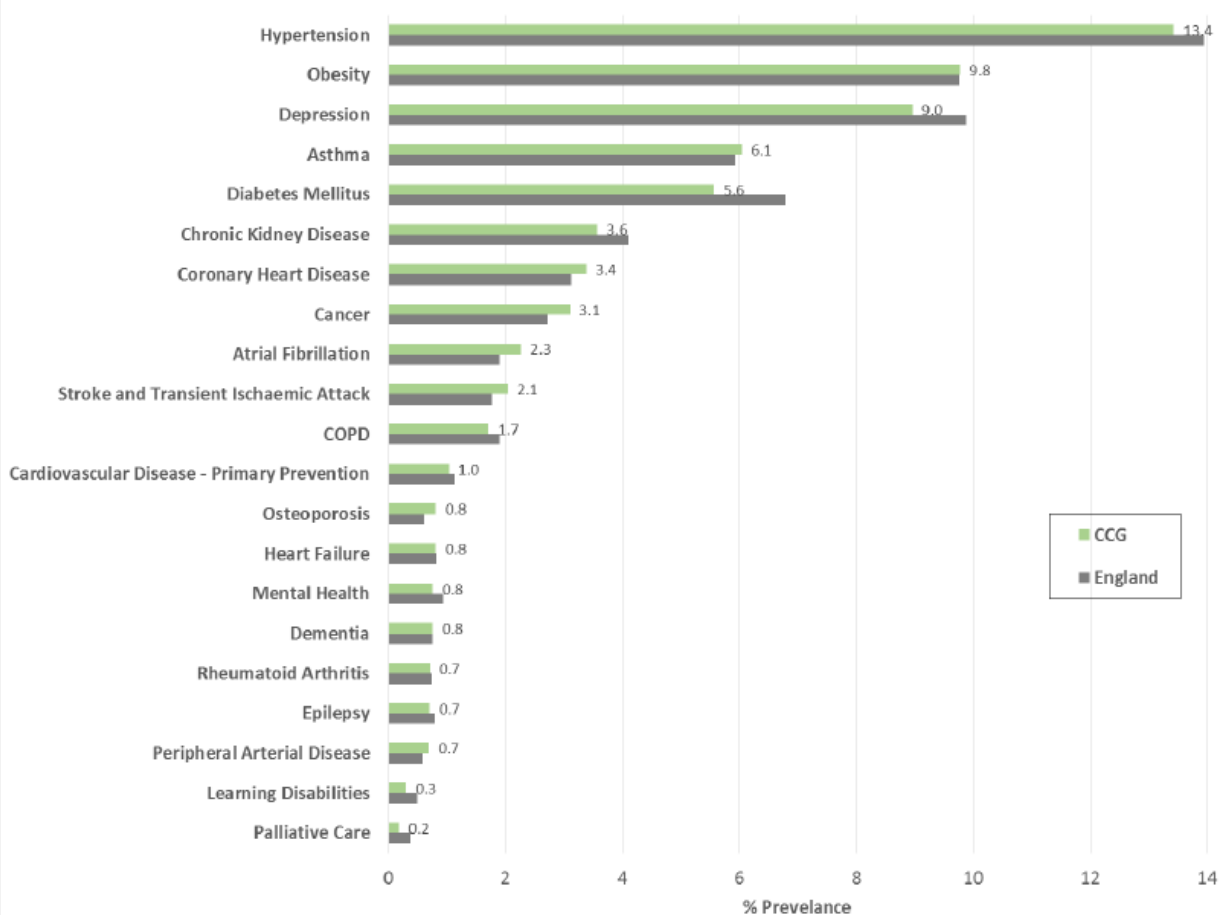
Age Profile – GP registered population by sex and five-year age band 2017



Source: National General Practice Profiles, PHE

WHAT DOES THE CCG PROFILE SAY?

Vale of York CCG - Disease and risk factor prevalence, QOF 2017/18



Most common health problems:

- Hypertension
- Obesity
- Depression

WHY IS POPULATION DATA IMPORTANT?

Different populations have different characteristics

North locality	South locality
Mostly rural High proportion 65+ Above average fuel poverty Health concerns: CVD, back pain, palliative care, osteoporosis	Mostly rural Above average 0-17yr olds Above average child poverty Health concerns: adult obesity, depression, excess winter deaths, diabetes

Inequality vs. inequity

- **Inequality** = differences in health status or in the distribution of health determinants between different population groups
- **Inequity** = uneven distribution that may be unnecessary and avoidable as well as unjust and unfair

WHY IS POPULATION DATA IMPORTANT?

CCG has a duty to reduce inequalities in care

Example

IAF 106a: inequalities in unplanned admissions for chronic ambulatory care sensitive and urgent care sensitive conditions

Aim 1 = decrease unplanned admissions

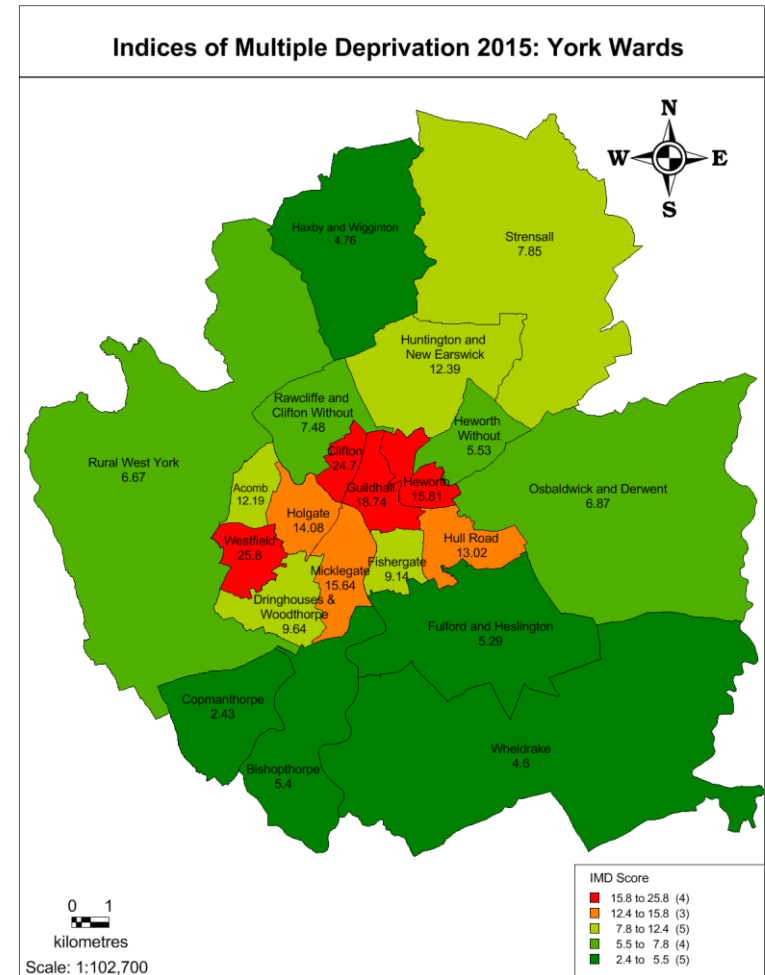
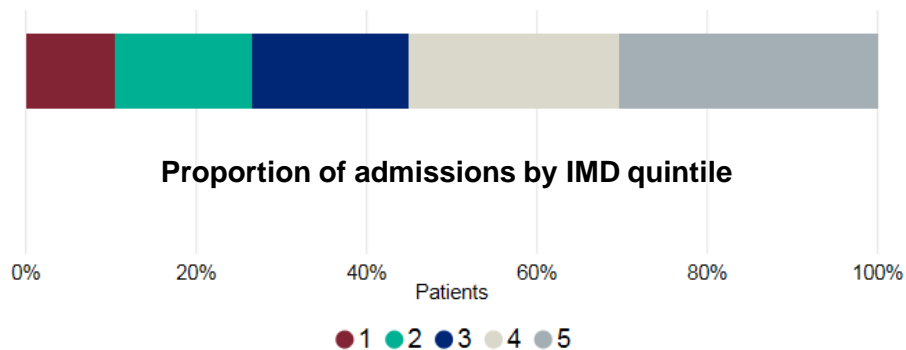
Aim 2 = decrease **variance** in unplanned admissions

→ Selectively target resources to areas showing greatest 'need'

WHY IS IT IMPORTANT?

Ward	Population	Unplanned hospitalisations per 100,000	Unplanned hospitalisations	Opportunity for saved hospitalisations (if no inequality across CCG)
Selby West	10,902	3472	400	80
Clifton	10,442	3440	318	65
Guildhall	15,624	3210	409	56
Selby East	7,364	3511	216	53
Heworth	13,833	3220	412	51

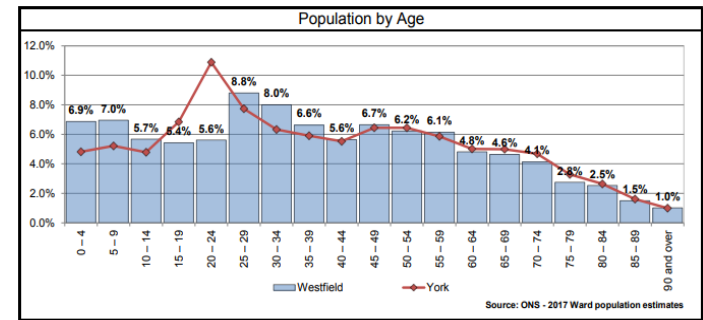
Significant crossover between areas of deprivation and unplanned hospitalisations



But – Westfield?

WHAT ABOUT WESTFIELD WARD?

Experian Types
M56 Solid Economy Families with children, renting from social landlord, pockets of social housing, lower wage service roles, relatively stable finances.
M55 Families with Needs Cohabiting couples & singles with kids, areas with high unemployment, low household income, small socially rented terraces and semis, moves tend to be within local community.
M54 Childcare Squeeze Married or cohabiting couples, likely to have pre-school children, outgoings high in proportion to income, own low value homes, both parents working.
K46 Self Supporters Aged 46-65, singles living alone, income typically £20-25k, own 2 or 3 bedroom small homes, still working.
O63 Streetwise Singles Singles and sharers, low cost social flats, 1 or 2 bedrooms, urban and fringe locations, routine occupations.
N61 Estate Veterans Average age 75, often living alone, long term social renters of current home, living on estates with some deprivation, low income.
L52 Midlife Stoppag Homesharers and singles, in employment, don't have children, average age 45, privately renting affordable homes.
H31 First-Rung Futures Younger couples and singles, own 2 or 3 bed semis and terraces, affordable suburbs, have lived there under 4 years, buy and sell on ebay.
K47 Offspring Overspill Pre-retirement, families with adult children, individual incomes not high, better off if children are contributing, own 3 bed semis and terraces.
M57 Seasoned Survivors Very elderly, most are living alone, longest length of residence (29 years), modest income, own mostly 2 or 3 bed terraces.



Also – distance from hospital?

Or – data accuracy?

SUMMARY

- **Important to understand variations in local population**
 - Planning services
 - Prioritising highest needs
- **Need broader understanding than just 'health' needs**
 - Wider determinants
- **Future direction of population health care**
 - NHS Long Term Plan
 - Primary Care Networks
 - Population Health Management
- **Lots of data freely available!**

QUESTIONS?