

## Reasons why people with dementia are admitted to a general hospital in an emergency – summary of findings for West Leicestershire CCG

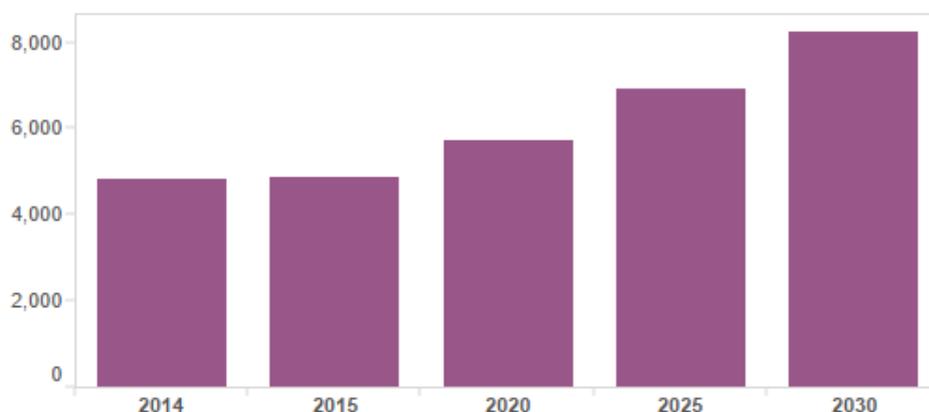
### Introduction

In July 2015, Public Health England (PHE) published a briefing and data set looking at reasons for emergency admissions for dementia patients.[1] This data briefing has been developed as partnership between NHS England and the Dementia Intelligence Network (DIN). The briefing presents the findings from the analysis of the inpatient Hospital Episode Statistics (HES) data set for 2012/13. It focusses on the provision of care for people living with dementia rather than the process of acquiring a diagnosis, and highlights key issues in relation to those individuals with dementia being admitted to an acute general hospital and the reasons for which they are admitted.

This summary report provides key findings from the analysis using the above HES data set for West Leicestershire CCG. It also provides overview of dementia prevalence as recorded on GP registers and future dementia prediction in West Leicestershire CCG.

### Dementia prevalence and future projections

In March 2014, there were 2,310 (0.6%) individuals in West Leicestershire CCG who had a formal diagnosis of dementia and who were registered with their primary care practice.[2] The number of older adults predicted to have dementia in West Leicestershire CCG in 2014 is estimated at 4,815 individuals rising to 8,253 by 2030 (Figure 1).

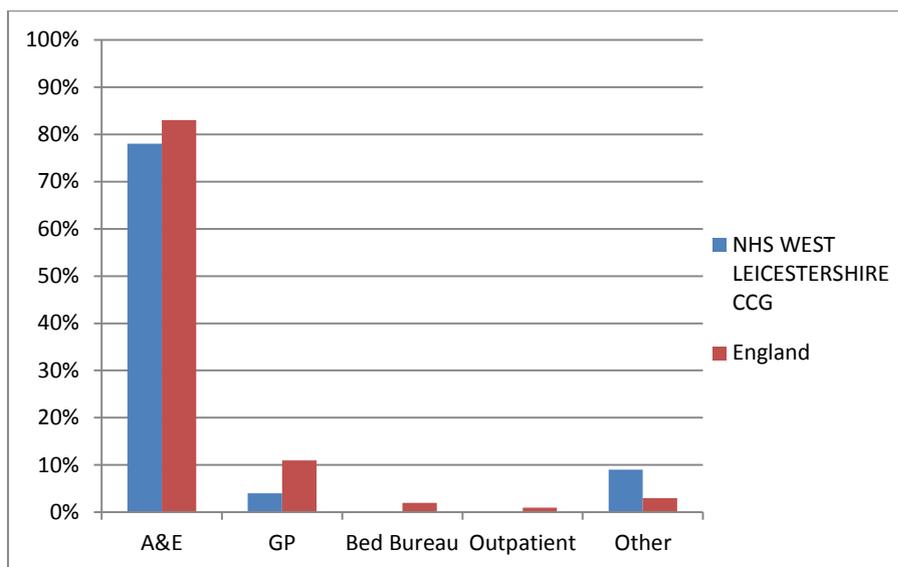


**Figure 1.** Older adults predicted to have dementia, West Leicestershire CCG (district based estimates) [3]

### Admission to acute general hospitals

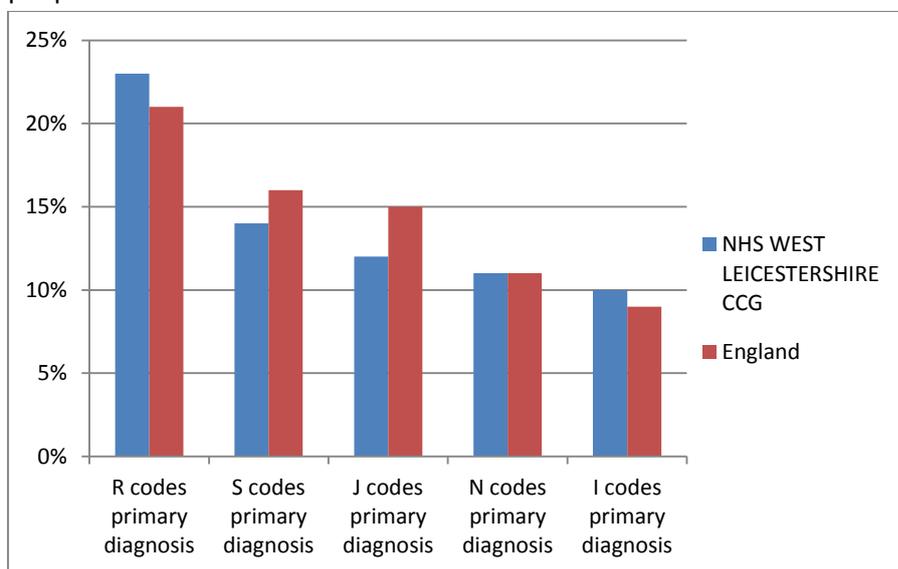
During 2012/13 there were 1,847 emergency hospital admissions in West Leicestershire CCG with a mention of dementia in discharge documentation. This relates to 1,293 individuals being admitted on average 1.4 times each during the year and this is lower than England at 1.5. Around 20% of admissions were short stays (1 day or less) comparing to 26% in England.

The highest proportion of emergency admissions in West Leicestershire CCG came via A&E (78%) (Figure 2). GP was stated as source of referral for 4% of admission.



**Figure 2.** Source of emergency admissions relating to people with dementia 2012/13[1]

Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (chapter R) were recorded as primary diagnosis for 23% of emergency admission relating to people with dementia in West Leicestershire CCG (Figure 3). This was followed by chapter S (Injury, poisoning and certain other consequences of external causes) with 14% of emergency admissions with the relevant code as primary diagnosis. Primary diagnosis as defined in chapter J (Diseases of the respiratory system) accounted for 12%, in chapter N (Diseases of the genitourinary system) for 11% and in Chapter I (Diseases of the circulatory system) for 10% of emergency admission relating to people with dementia in West Leicestershire CCG.



**Figure 2.** Primary reason for admissions relating to people with dementia 2012/13 [1]

### References

- [1] Public Health England, "Reasons why people with dementia are admitted to a general hospital in an emergency," 2015.
- [2] Health and Social Care Information Centre, "Quality and Outcomes (QoF) Data," 2014.
- [3] Institute of Public Care, Oxford Brookes University, and Extra Care Charitable Trusts, "Projecting Older People Population Information System," 2014.