

Isle of Wight Joint Strategic Needs Assessment: Core Dataset

2009



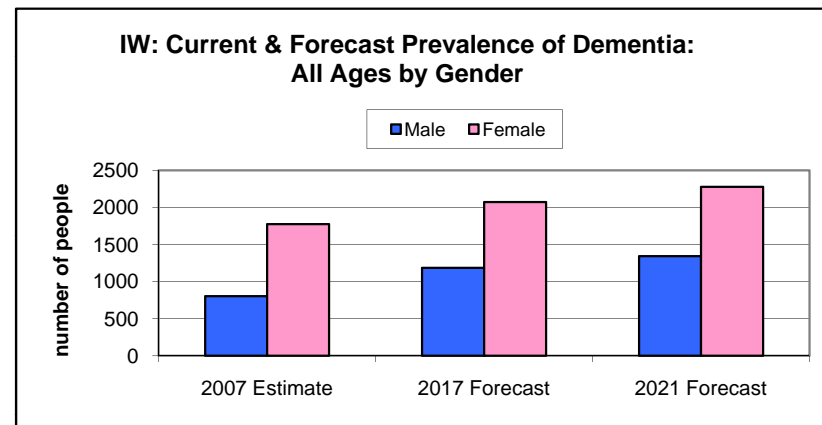
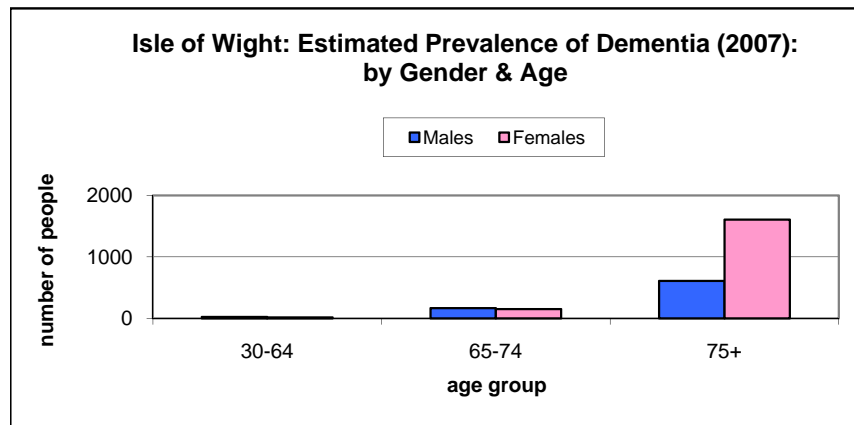
Domain: Burden of Ill Health
 Sub-Domain: Mental Health
 Sub-sub-Domain: Dementia

Indicator: Dementia Prevalence
 Indicator reference: JSNA Core Dataset number: 52
 Data Source: 'Dementia UK' report produced for the Alzheimer's Society
 Indicator definition: [see below](#)

Isle of Wight: Estimated Number of People with Dementia

Isle of Wight: 2007 Estimate by Gender and Age	Age Group			Total
	30-64	65-74	75+	
Males	24	167	611	802
Females	17	151	1607	1775
Persons	41	318	2218	2577

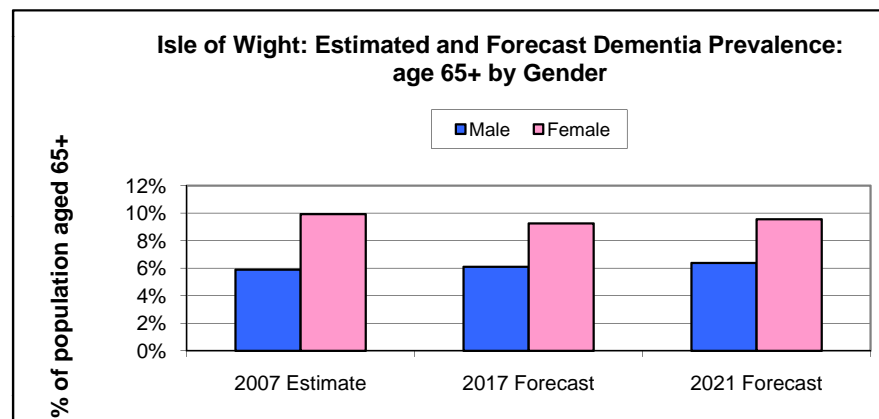
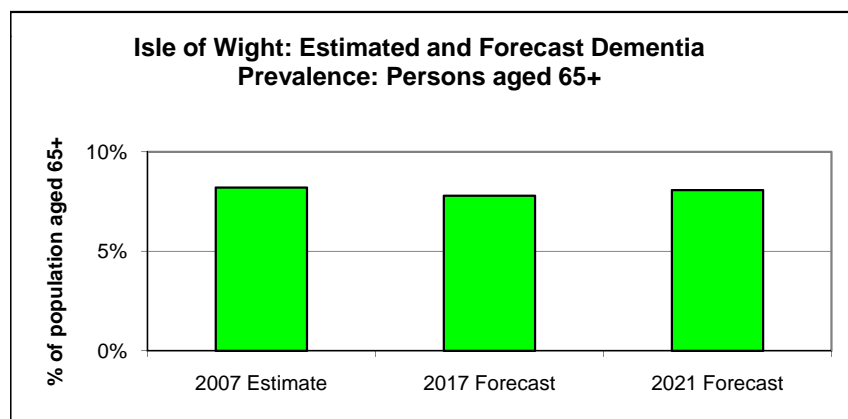
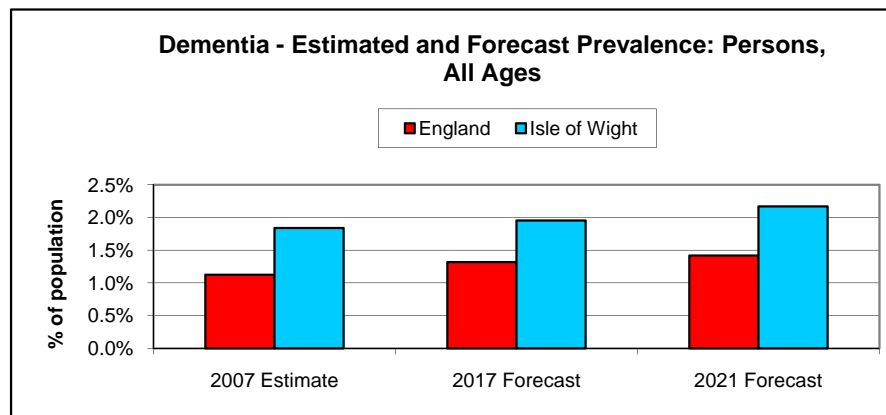
Isle of Wight - All Ages by Gender	2007 Estimate	2017 Forecast	2021 Forecast
Male	802	1,186	1,343
Female	1,775	2,073	2,277
Persons	2,577	3,259	3,620



Isle of Wight: Estimated Prevalence of People with Dementia

Persons, All Ages	2007 Estimate	2017 Forecast	2021 Forecast
England	1.1%	1.3%	1.4%
Isle of Wight	1.8%	2.0%	2.2%

Isle of Wight: age group 65+ by Gender	% of people aged 65+		
	2007 Estimate	2017 Forecast	2021 Forecast
Male	5.9%	6.1%	6.4%
Female	9.9%	9.3%	9.6%
Persons	8.2%	7.8%	8.1%



COMMENTARY

According to the 'Dementia UK' report produced for the Alzheimer's Society:

"The term 'dementia' is used to describe a collection of symptoms, including a decline in memory, reasoning and communication skills, and a gradual loss of skills needed to carry out daily activities. These symptoms are caused by structural and chemical changes in the brain as a result of physical diseases such as Alzheimer's disease, the most common type of dementia. It is thought that many factors, including age, genetic background, medical history and lifestyle, can combine to lead to the onset of dementia. Dementia is a progressive condition whose symptoms become more severe over time. It can affect people of any age, but is most common in older people."

The Dementia UK report used a methodology known as the Expert Delphi Consensus to produce the best possible estimates of the prevalence of dementia, using currently available research data. Prevalence was then estimated for Local Authority areas by gender and age, and forecast forward to the year 2021. The data above shows these estimates for the Isle of Wight.

The data and charts, **top**, show the **estimated and forecast numbers** of Isle of Wight residents with dementia:

- In 2007 there were an estimated 2,577 IW residents with dementia, predominantly aged 75+. Nearly 70% were women, but prevalence is only slightly higher among women and their higher numbers reflect the fact that there are more women in this older age group.
- By 2021 it is forecast that there will be 3,620 IW residents with dementia, an increase of 40% on the 2007 estimate.

The data and charts, **bottom**, show the **estimated and forecast prevalence** of dementia on the Isle of Wight, compared with England, and comparing the age groups All Ages and age 65+.

- The IW prevalence of dementia in the All Ages group is higher than in England and is the 4th highest of all Local Authorities (2007 estimate). This is in line with the 'Dementia UK' report comment that prevalence is higher in rural and coastal local authorities and those with larger proportions of older inhabitants and a higher relative density of residential and nursing care settings.
- It is estimated that approximately 8% of people aged 65+ have dementia.
- The forecasts of prevalence up to 2021, for both the All Ages and the 65+ age groups, remain relatively stable. The additional numbers of people with dementia arise from the growing and ageing population.

INDICATOR DEFINITION	
Indicator:	Dementia Prevalence
Definitions:	Prevalence of dementia in people of All Ages and aged 65+
Numerator (number of people or events)	Estimated number of people with dementia
Denominator (total population or events)	Population - All Ages and age 65+
Geographic Coverage	Local Authority
Time period	2007, 2017, 2021
Data Source(s)	<p>'Dementia UK': A report into the prevalence and cost of dementia prepared by the Personal Social Services Research Unit (PSSRU) at the London School of Economics and the Institute of Psychiatry at King's College London, for the Alzheimer's Society (2007)</p> <p>http://www.alzheimers.org.uk/downloads/Dementia_UK_Full_Report.pdf</p> <p>Local Dementia Statistics</p> <p>http://www.alzheimers.org.uk/site/scripts/download_info.php?fileID=4</p>
Significance for Health	<p>Higher rates indicate worse health.</p> <p>Lower rates indicates better health.</p>
Factors that might affect the Accuracy of this Indicator	<p>The 'Dementia UK' report acknowledges the following limitations to its estimates.</p> <ul style="list-style-type: none"> - 'The population-based studies that inform the estimates of population prevalence were carried out between 1986 and 1993. No new epidemiological studies of the prevalence of dementia have been carried out in the UK over the last 15 years. We cannot be certain that the age- and gender-specific prevalence rates derived from these studies would have remained stable over time. Changes in incidence (perhaps linked to improvements in diet and cardiovascular health) and survival with dementia (improved medical and social care) are both possible.' - 'Prevalence estimates derived from surveys sampling from relatively small catchment area sites may not be generalisable to the whole of the UK.' So for the Isle of Wight, these figures do not take into account local factors not addressed in the methodology, and are not necessarily a true statement of prevalence on the Island.