#### Appendix Q - Purbeck Locality Overview

The Purbeck locality is largely rural with a higher proportion of older people compared to both the Dorset and national average. The locality has no areas that are amongst the 20% most deprived in England. Housing growth is in Purbeck is minimal with most concentrated in Wareham Town and Swanage. An analysis of health and the wider determinants of health highlights poor outcomes for provision of informal care, self reported limiting long term illness, incidence of prostate cancer and breast cancer, elective hospital admissions for hip replacements, emergency admissions by children and young people for injury and emergency admissions for CHD and stroke.

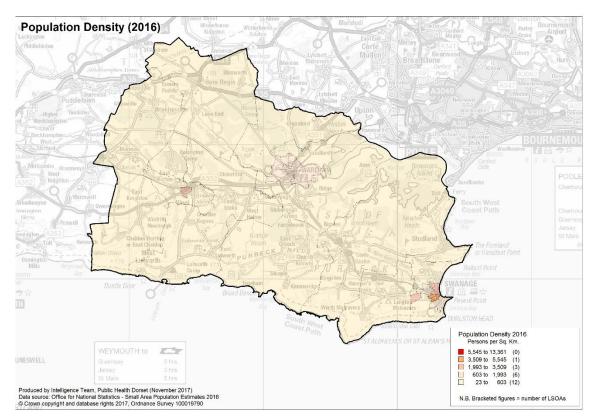
The following headings have been used to describe the locality in more detail:

- Demographics
- Housing
- Health and Wider Determinants

## **Demographics**

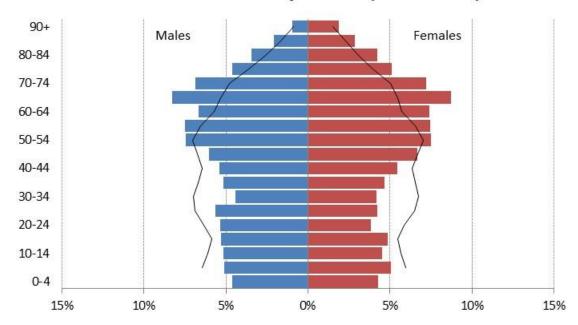
### **Population**

ONS 2016 mid-year population estimates show that there are approximately 34,100 people living in the Purbeck locality (17,000 males and 17,100 females). The area covered by the locality is largely rural, with population density being highest around Swanage and Wareham.



Compared to the Dorset CCG average, Purbeck has a higher proportion of people aged 55 to 79, and a lower proportion of people aged 15 to 44. The proportion of the population aged 65 & over in Purbeck is higher than the national average (28% compared with 18%).

# Purbeck Population Pyramid with national comparator (2016 data)



Locally produced projections suggest that the population of the Purbeck locality will rise at a slower rate (+1%) than both the Dorset CCG average (+2%) and the national average (+2%) between 2018 and 2021. Within this trend, the proportion of the population aged 65 & over will remain higher than the national average.

#### **Ethnicity**

The vast majority of the population in Purbeck are White British. Ethnic minority groups account for a much smaller proportion of the population locally than in England as a whole (1.5% compared with 15% - see table below which is based on 2011 Census data).

	Purbeck	England
White	98.48%	85.42%
Mixed	0.76%	2.25%
Asian	0.57%	7.82%
Black	0.12%	3.48%
Other	0.07%	1.03%

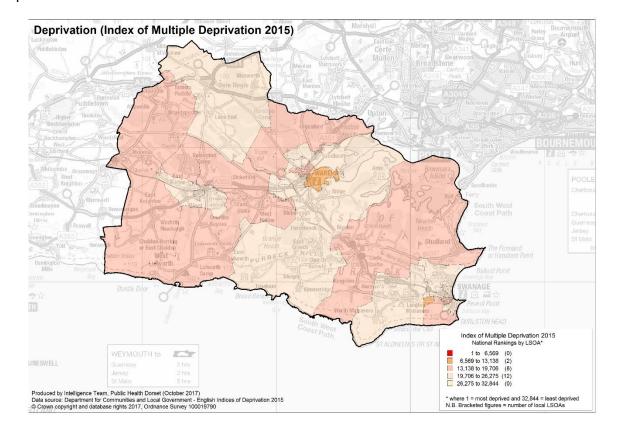
# Religion

The 2011 Census suggests that, as in England as whole, the majority of Purbeck's population are Christians. However, the proportion of locality's population whose religion is either Buddhist, Hindu, Jewish, Muslim or Sikh is lower than the England average.

	Purbeck	England
Christian	65.26%	59.40%
Buddhist	0.28%	0.50%
Hindu	0.02%	1.50%
Jewish	0.10%	0.50%
Muslim	0.18%	5.00%
Sikh	0.01%	0.80%
Other religion	0.50%	0.40%
No religion	25.46%	24.70%
Not stated	8.19%	7.20%

# Deprivation

None of the lower super output areas (LSOAs) in Purbeck are amongst the 20% most deprived in England. Conversely, none of the locality's LSOAs are in the 20% least deprived national quintile.



# Housing

To understand any increases in demand for services based on planned housing developments, planning applications with consent to build over the next three years have been analysed. This gives a realistic picture of housing growth within the locality. The net increase in housing development is shown below (providing these developments are completed). Growth is mainly in Wareham town and Swanage.

Ward (2014)	Net development			
Bere Regis	3			
Castle	5			
Creech Barrow	4			
Langton	50			
St Martin	0			
Swanage North	13			
Swanage South	61			
Wareham	60			
West Purbeck	31			
Winfrith	0			
Wool	9			

#### **Health & Wider Determinants**

To understand the health needs and wider determinants of health in the locality a national profiling tool has been used. This compares locality level data with the English average and highlights any areas that are significantly different.

The spine chart below visualises the data and for each indicator it highlights whether the score locally is significantly different to national rates using a 95% confidence interval.



# **Local Health**

Indicators	Purbeck	England	England worst	Summary chart	England best		
Income deprivation - English Indices of Deprivation 2015 (%)	9.3	14.6	51.4	<b>o</b>	0.8		
Low Birth Weight of term babies (%)	2.7	2.8	7	6	0.6		
Child Poverty - English Indices of Deprivation 2015 (%)	13.1	19.9	65.1	0	0.7		
Child Development at age 5 (%)	N/A - Zero divide		N/A - Missing value		N/A - Missing value		
GCSE Achievement (5A*-C inc. Eng & Maths) (%)	N/A - Zero divide		N/A - Missing value	•	N/A - Missing value		
General Health - bad or very bad (%)	5.2	5.5	16.2	Ö	0		
General Health - very bad (%)	1.1	1.2	4.3	6	0		
Limiting long term illness or disability (%)	20.2	17.6	40.8	•	2.2		
Overcrowding (%)	4.7	8.7	54.4	6	0.2		
Provision of 1 hour or more unpaid care per week (%)	12.8	10.2	16.8	•	1.7		
Provision of 50 hours or more unpaid care per week (%)	2.5	2.4	7.2	0	0		
Pensioners living alone (%)	29.9	31.5	63.3	6	13.1		
Older People in Deprivation - English Indices of Deprivation 2015 (%)	10.7	16.2	85.4	6	0.7		
Deliveries to teenage mothers (%)	1.5	1.1	6.2		0		
Emergency admissions in under 5s (Crude rate per 1000)	167.1	149.2	378.2		36		
A&E attendances in under 5s (Crude rate per 1000)	415.6	551.6	2553.6		119.4		
Admissions for injuries in under 5s (Crude rate per 10,000)	151.3	138.8	458.2	4	37.6		
Admissions for injuries in under 15s (Crude rate per 10,000)	127	108.3	254.6		38.1		
Admissions for injuries in 15 - 24 year olds (Crude rate per 10,000)	166.7	133.1	517.2		34.2		
Obese adults (%)	25.6	24.1	34.8		5.9		
Binge drinking adults (%)	22	20	56.4	7	3.3		
Healthy eating adults (%)	32.5	28.7	12.3		54.1		
Obese Children (Reception Year) (%)	9.4	9.3	18.7		2.6		
Children with excess weight (Reception Year) (%)	24.6	22.2	36.2		7.4		
• • • • • • • • • • • • • • • • • • • •	13.8	19.3	35.5		4.5		
Obese Children (Year 6) (%)		33.6	52.1		4.5 12.6		
Children with excess weight (Year 6) (%)	25.1 89.5	100	211.5		25.5		
Emergency hospital admissions for all causes (SAR)	121.5	100	362.3		26		
Emergency hospital admissions for CHD (SAR) Emergency hospital admissions for stroke (SAR)	121.5	100	228.9		32.4		
• , ,	107.9	100	358	7	32.4 21.9		
Emergency hospital admissions for Myocardial Infarction (heart attack) (SAR)				1			
Emergency hospital admissions for Chronic Obstructive Pulmonary Disease (COPD		100	586.1	-1	9.7		
Incidence of all cancer (SIR)	105.9 127.5	100	142		68.7		
Incidence of breast cancer (SIR)		100	179.2	• 1	46.3		
Incidence of colorectal cancer (SIR)	99.4	100 100	179.6	Y.	34.5		
Incidence of lung cancer (SIR)	75.5		295.9		24.5		
Incidence of prostate cancer (SIR)	125.1	100	213	• 1	32.6		
Hospital stays for self harm (SAR)	116.9	100	584	1	10.5		
Hospital stays for alcohol related harm (SAR)	82.8	100	311.1		37.7		
Emergency hospital admissions for hip fracture in 65+ (SAR)	86.6	100	240.7	-	38.1		
Elective hospital admissions for hip replacement (SAR)	118.4	100	190.2	•	15.9		
Elective hospital admissions for knee replacement (SAR)	108.1	100	204.1	4	18.2		
Deaths from all causes, all ages (SMR)	85.8	100	273	P	43.5		
Deaths from all causes, under 65 years (SMR)	83	100	377.4	2	0		
Deaths from all causes, under 75 years (SMR)	82.6	100	323.5	P	27.8		
Deaths from all cancer, all ages (SMR)	89.9	100	326.6		0		
Deaths from all cancer, under 75 years (SMR)	86.9	100	347.6	P	0		
Deaths from circulatory disease, all ages (SMR)	87.4	100	286.1	P	0		
Deaths from circulatory disease, under 75 years (SMR)	76.4	100	345.6	P	0		
Deaths from coronary heart disease, all ages (SMR)	86.7	100	485.5	•	0		
Deaths from coronary heart disease, under 75 years (SMR)	58.1	100	496.4	P	0		
Deaths from stroke, all ages (SMR)	90.1	100	1181.9	9	0		
Deaths from respiratory diseases, all ages (SMR)	72.9	100	328.8		0		
<ul> <li>significantly worse</li> <li>significantly better</li> <li>not significantly different</li> </ul>							

The main areas where the Purbeck locality has worse outcomes than the national average are provision of informal care, self reported limiting long term illness, incidence of prostate cancer and breast cancer, elective hospital admissions for hip replacements, emergency admissions by children and young people for injury and emergency admissions for CHD and stroke.