

OUNdle NEIGHBOURHOOD PLAN

Evidence and interpretation of population and household data.

Data sources:

The census data at Parish level for 2001 and 2011 collected from the following web link:

<http://neighbourhood.statistics.gov.uk/dissemination/LeadDomainList.do?a=7&b=11127321&c=PE8+4LF&d=16&g=6451181&i=1001x1003&m=0&r=0&s=1406186748058&enc=1&domainId=58&census=true>

The Electorate Parish Projections from East Northamptonshire District Council for 2013 and 2022 was also used.

The Census data:

Oundle Parish	2001	2011
usually resident population	4588	4922
vehicles available	2615	2936
houses in Oundle	1933	2127
houses without vehicles	300	305
number in communal establishments	848	901
educational establishments	808	867
Of which pupils	759	813
medical and care establishments	40	34
of which owners, staff and their families	51	56
usual residents of households	4499	4834
total population count	5347	5735
from age by year tables	5350	5735
people/household	2.33	2.27
vehicles/household with vehicles	1.60	1.61

The Census tables used to compile this data are listed in Annex 1.

Equivalent tables were used for the surrounding rural Parishes listed in later sections.

1.0 Estimating the population of Oundle in the future

1.1 There are a number of ways of estimating future populations and housing numbers. We know the number of houses that the Neighbourhood Plan needs to include. We can extrapolate estimates of population based on assumptions about the number of additional houses that will be built within Oundle. The sources are the North Northamptonshire Core Spatial Strategy (NNCSS) and the Rural Northants, Oundle and Thrapston (RNOT) Plan. The following sets out the number of additional houses required in Oundle by these Plans:

Based on future housing allocations.		
housing in 2001	1933	
2001 - 2021 increase	610	RNOT etc allocation
total housing required in 2021	2543	
2021 - 2031 increase	400	assumption from housing group
total housing required in 2031	2943	

Applying this to estimate the population and vehicles available to residents in Oundle is set out below. This assumes the number of people/house and the number of vehicles/house set out in the table above.

Oundle Parish	2001	2011	2021	2031	
population in houses	4588	4922	5805	6622	Calculation
houses in Parishes	1933	2127	2543	2943	Allocations
vehicles available	2615	2936	3606	4251	Calculation
houses with vehicles	1633	1822	2238	2638	Calculation
houses without vehicles	300	305	305	305	Assumption
people/HH	2.33	2.27	2.25	2.22	Trend continued
vehicles/HH with vehicle	1.60	1.61	1.61	1.61	Assumption

This represents an 18% increase in population 2011-21 and 14% 2021-31, and is our working assumption about household numbers, vehicles numbers available to households and population normally resident in Oundle.

2.0 The rural hinterland of Oundle

Oundle is seen as a rural service centre in the NNCSS and RNOT Plans. We therefore need to develop an understanding of the population it serves in addition to its own residents, and their mode of travel to and from Oundle so we understand the impact their needs have on our transport system. The same sources of data can be used to provide population, housing and vehicle numbers in 2001 and 2011. This is set out below.

2.1 The parishes which share a boundary with Oundle Parish or have a close transport links with Oundle are the first group whose population will use Oundle and will contribute to traffic volumes and flows. The Parishes in this group are:

Near rural parishes:

Glaphorn	Benefield
Ashton	Tansor
Polebrook	Cotterstock
Barnwell	Wadenhoe/Stoke Doyle
Wadenhoe/Stoke Doyle	

As a group these are the “near rural parishes”. The results from the census data and some projections are set out below:

Near rural parish totals	2001	2011	2021	2031	
population in houses	2097	2202	2270	2333	calculation
houses in Parish	842	918	965	1011	increase/yr as in electorate projections
vehicles available	1452	1691	1823	1953	calculation
houses with vehicles	773	865	915	961	calculation
houses without vehicles	69	53	50	50	Assumption
people/HH	2.49	2.40	2.35	2.31	trend continued 01-11=11-31
vehicles/HH with vehicle	1.88	1.95	1.99	2.03	trend continued 01-11=11-31

The basis for projections are that the increase in houses will be the same annual rate as that set out in the electorate projections for 2013 to 2022. The assumptions about people per household and vehicles per household with at least one vehicle are that the trends 2001 – 2011 will continue but at half the rate/decade to 2031.

It would be best to use the housing allocation numbers to act as the basis for projections of population and vehicles if/when these are available. For now the table above is our assumption about these near rural Parishes.

2.2 It is clear that areas further away also use Oundle as a service centre, at least for some needs. The Parishes that contribute to this are as follows:

Wider rural parishes:

- Southwick
- Apethorpe
- Woodnewton
- Fotheringhay
- Lilford and Wigsthorpe (no data available at time of this paper)
- Warmington
- King’s Cliffe

Wider rural parish totals	2001	2011	2021	2031	
population in houses	2893	3048	3234	3414	Calculation
houses in Parishes	1185	1281	1377	1473	trend continued
vehicles available	1819	2196	2502	2813	Calculation
houses with vehicles	1064	1164	1267	1363	Calculation
houses without vehicles	121	117	110	110	Assumption
people/HH	2.44	2.38	2.35	2.32	trend continued
vehicles/HH with vehicle	1.71	1.89	1.98	2.06	trend continued

2.3 The total population of the rural hinterland is set out below, the sum of the near and wider rural parish totals.

Total rural hinterland	2001	2011	2021	2031
population in houses	4990	5250	5503	5747
houses in Parishes	2027	2199	2342	2484
vehicles available	3271	3887	4326	4766
houses with vehicles	1837	2029	2182	2324
houses without vehicles	190	170	160	160
people/HH	2.46	2.39	2.35	2.31
vehicles/HH with vehicle	1.78	1.92	1.98	2.05

3.0 The total population of Oundle and surrounding rural parishes

The data and projections for all the areas can be combined to give a sense of the total demand for services from Oundle. The combined table is shown below.

3.1 The total population for Oundle as a rural service centre.

Total population in rural hinterland	2001	2011	2021	2031
population in houses	9578	10174	11308	12369
houses in Parishes	3960	4326	4885	5427
vehicles available	5886	6823	7932	9016
houses with vehicles	3470	3851	4420	4962
houses without vehicles	490	475	465	465
people/HH	2.42	2.35	2.32	2.28
vehicles/HH with vehicle	1.49	1.58	1.62	1.66

Mark Felton
On behalf of Transition Oundle

6 August 2014

Annex 1.

Census tables used to set out the basic population statistics for Oundle Parish.

Car or Van Availability, 2011 (QS416EW) and Cars or Vans, 2001 (UV62)

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=61&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407224296805&enc=1&dsFamilyId=2511>

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=16&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407226147805&enc=1&dsFamilyId=161>

This provides figures on the number of households, the number of households with access to different numbers of vehicles, and the total number of vehicles that are accessible to all households in Oundle Parish. The number of households is also provided by Tenure - Households, 2011 (QS405EW).

Communal Establishment Management and Type - People, 2011 (QS421EW) and Communal Establishments - People, 2001 (UV73)

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=61&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407224296805&enc=1&dsFamilyId=2519>

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=16&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407226147805&enc=1&dsFamilyId=181>

This provides the numbers living in communal establishments, basically care homes and boarding schools in the case of Oundle. This allows us to adjust the total population for the number of pupils at Oundle School.

Position in Communal Establishment, 2011 (QS419EW) and Communal Establishment Residents, 2001 (UV71)

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=61&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407224296820&enc=1&dsFamilyId=2569>

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=16&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407226147805&enc=1&dsFamilyId=179>

This shows the number of staff and their families that are living in communal establishments, such as the families of the Head of House in Oundle School.

Tenure - People, 2011 (QS403EW) and Tenure - People, 2001 (UV43)

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=61&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407224296820&enc=1&dsFamilyId=2554>

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=16&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407226147820&enc=1&dsFamilyId=131>

This shows the total number of people resident in households – the usual residents of households in Oundle.

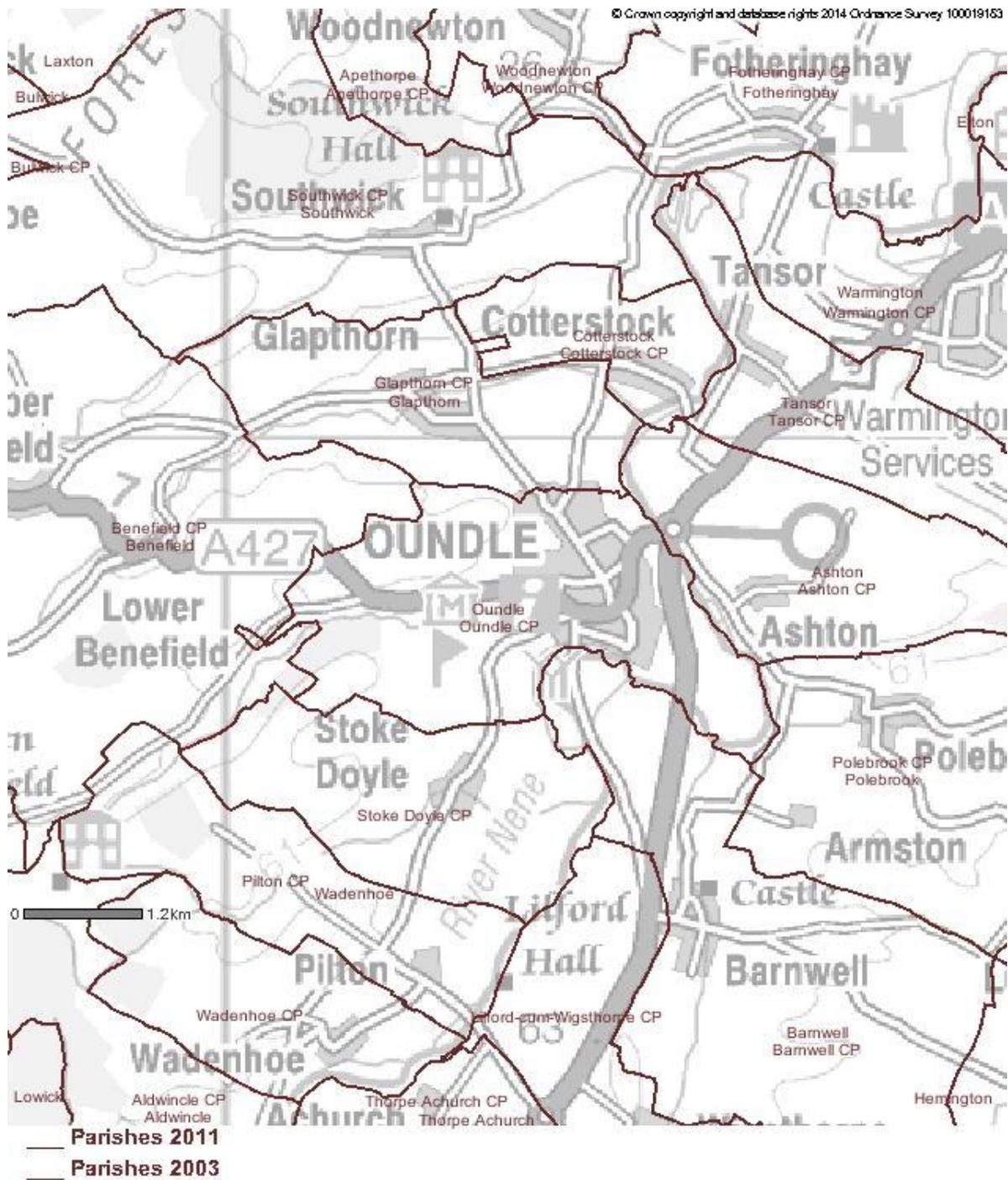
Age by Single Year, 2011 (QS103EW) and Age, 2001 (UV04)

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=61&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407224296805&enc=1&dsFamilyId=2545>

<http://neighbourhood.statistics.gov.uk/dissemination/LeadTableView.do?a=7&b=11127321&c=PE8+4LF&d=16&e=16&q=6451181&i=1001x1003x1032x1004&m=0&r=0&s=1407226147805&enc=1&dsFamilyId=91>

This provides a breakdown by age of the total population and a check on the total of usually resident in households and resident in communal establishments.

Parish map:



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— Parishes 2011
 - - - Parishes 2003

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