



**Population and Dwelling Stock Estimates
1991 – 2005**

Peterborough Unitary Authority

Population and Dwelling Stock Estimates 1991 - 2005

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Introduction

- 1 The information contained in this report summarises the demographic change between 1991 and 2005 at ward and parish level for Peterborough Unitary Authority. The report contains detailed population and dwelling estimates and forecasts, the primary purpose being to assist in the planning and delivery of local services.
- 2 Cambridgeshire County Council's Research Group has produced the estimates in this report under a service level agreement with Peterborough City Council. The estimates provide an alternative and more detailed source of local population statistics to those produced by the Office for National Statistics (ONS) for central government. For the purpose of comparison, the ONS estimates are also included.
- 3 Population and dwelling stock estimates in this document refer to 2004 ward boundaries, which are the base geography for the 2001 Census. To enable analysis of change over time, mid-1991 estimates have been recalculated on the basis of the 2004 urban wards. Further changes to parish and urban ward boundaries were made under the Peterborough (Parishes) Order 2004. These changes mostly had only a small effect on populations and dwellings; the only major change was the transfer of the northern edge of Parnwell from Eye parish to East Ward in Peterborough.
- 4 Pre-1998 figures for Peterborough are set out in existing reports entitled "Cambridgeshire Population and Dwelling Stock Estimates". Information from these reports is available from Cambridgeshire County Council's Research Group, Peterborough City Council's Planning Services or from major libraries in Peterborough.
- 5 For further information please contact:

General population enquiries	Detailed enquiries (methodology)
Steve Winstanley - Strategic Growth & Development	The Research Group
Peterborough City Council	RES 1203
Bayard Place	Chief Executive's Department
Broadway	Cambridgeshire County Council
Peterborough	Shire Hall
PE1 1HZ	Cambridge
(01733) 742539	CB3 0AP
steve.winstanley@peterborough.gov.uk	(01223) 717208
	research.group@cambridgeshire.gov.uk

Introduction

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Population Estimates

Peterborough in context

- 6 Figure 1 'Population estimates for Peterborough and neighbouring Local Authorities' sets out the population of Peterborough Unitary Authority and neighbouring authorities, highlighting the change recorded between 1991 and 2005.

Figure 1 Population estimates for Peterborough and neighbouring Local Authorities

Local Authority Area	1991	2005	Change 1991-2005	Area (ha)
Peterborough	157,100*	162,700	3.60%	34,344
Neighbouring Districts				
Fenland, Cambridgeshire^	75,500	87,500	15.90%	54,547
Huntingdonshire, Cambridgeshire^	146,500	159,700	9.00%	90,952
South Holland, Lincolnshire ~	67,500	81,200	20.30%	74,237
South Kesteven, Lincolnshire ~	109,500	128,500	17.40%	94,259
Rutland~	33,000	37,300	11.30%	3,327
East Northants, Northamptonshire ~	68,300	81,500	19.30%	50,979
Neighbouring Counties				
Cambridgeshire^	511,700	570,200	11.40%	304,357
Lincolnshire ~	588,600	678,700	15.30%	592,091
Leicestershire ~	573,300	627,800	9.50%	251,760
Northamptonshire ~	584,100	651,800	11.60%	236,697
Cambridgeshire Structure Plan Area				
Peterborough	157,100	162,700	3.60%	34,344
Cambridgeshire County^	511,700	570,200	11.40%	304,357
<i>Cambridge City^</i>	106,000	111,000	4.70%	4,056
<i>East Cambridgeshire^</i>	61,200	75,500	23.40%	64,941
<i>Fenland^</i>	75,500	87,500	15.90%	54,547
<i>Huntingdonshire^</i>	146,500	159,700	9.00%	90,952
<i>South Cambridgeshire^</i>	122,500	136,500	11.40%	89,861
East of England (GO-East) ~ +				
	5,121,100	5,541,600	8.20%	1,910,981
England ~				
	47,875,000	50,431,700	5.30%	13,028,060

NOTES

*ONS have published a revised mid-1991 estimate for Peterborough, which is considerably lower than this figure (154,200). The Research Group remains content with the figure of 157,100.

~ ONS mid-1991 and mid-2005 population estimates.

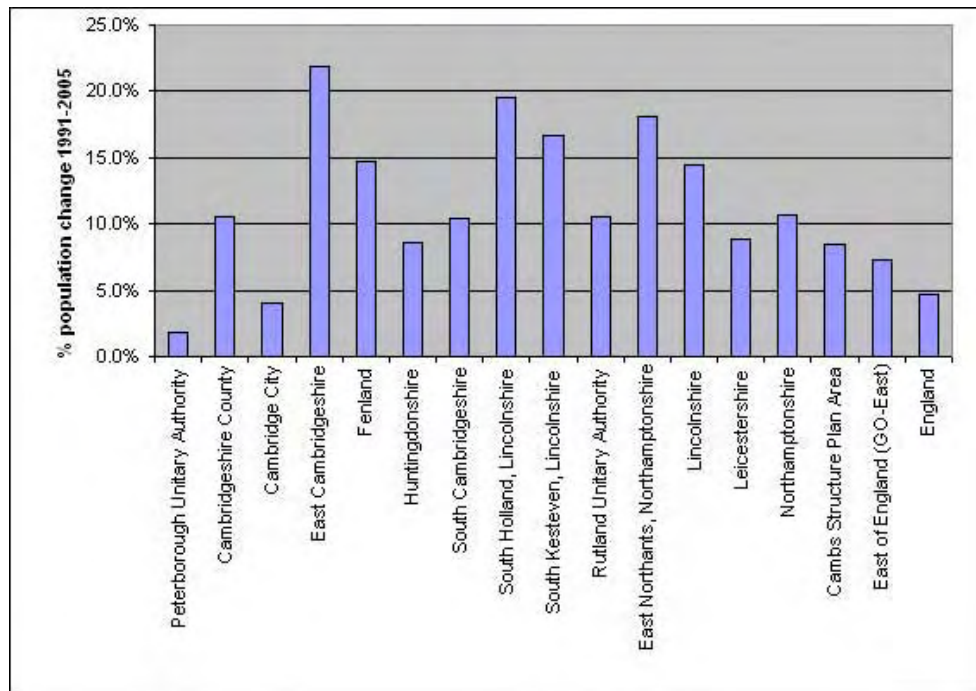
+ The East of England Region (GO-East) comprises Bedfordshire, Cambridgeshire, Essex, Hertfordshire, Luton UA, Norfolk, Peterborough UA, Southend-on-Sea UA, Suffolk and Thurrock UA.

^Cambridgeshire figures are mid-2005 population estimates by The Research Group, which may differ from ONS estimates.

Population Estimates

Population change 1991 - 2005

Figure 2 Percentage population change 1991-2005, Peterborough and neighbouring authorities



Analysis of Population Change 1991 to 2005, Peterborough and Neighbouring Authorities

- 7 Peterborough experienced a population increase of 5,600 (3.6%) between 1991 and 2005, and an increase of 5,100 (3.2%) from 157,600 in 2001.
- 8 All districts in the County of Cambridgeshire, which covers the rest of the Cambridgeshire and Peterborough Structure Plan area, have experienced population growth since 1991. The two districts with the proportionately largest amount of growth have been East Cambridgeshire and Fenland (23% and 16% respectively). South Cambridgeshire, Huntingdonshire, and Cambridge City have experienced growth of 11%, 9% and 5% respectively.
- 9 All neighbouring local authorities have seen population growth greater than the 5% growth of England as a whole. Growth since 1991 has been most pronounced in South Holland District (20%), East Northamptonshire (19%) and South Kesteven District (17%).
- 10 Population change is driven by two main factors: natural change (the balance of births and deaths) and migration. Annual births in Peterborough declined significantly from a peak of 2,455 in 1991 to around 2,060 in 2000-2001 but have increased since then, reaching 2,460 in 2005. Over the same period, deaths have risen slightly, from around 1,450 in the early 1990s to around 1,500 in recent years (1,490 in 2005). As a result of these changes, natural increase (the balance of births and deaths) fell from over 1,000 a year in the early 1990s to below 600 in 2000-2001 before recovering, reaching 970 in 2005.

Population Estimates

- 11 Between 8,000 and 9,000 people currently move both in and out of Peterborough each year, leaving the balance – net migration – close to zero in most years. These are permanent migrants, staying for at least a year; flows of more short-term migrants are probably also quite large but not capable of measurement. Figure 3 ‘Peterborough: Internal Migrants (with address one year ago outside Peterborough City) - Age structure, mid-2001 to mid-2005, from NHS GP registrations, and Census migration within the UK by age group 2000-2001’ shows recent figures on internal migration (within UK) from two sources. The NHSCR (National Health Service Central Register) data are published annually by the Office for National Statistics and are derived from re-registrations (changes of address) with GPs recorded by the NHS Central Register. The 2001 Census figures record change of address in the year before the census. Both sets of figures are least reliable for young adults (particularly men). The census almost certainly under-counted young adults and the NHS data are affected by a failure of healthy young adults to re-register with a GP each time they change address. Despite these defects, the broad patterns are clear (and typical of an urban area the size of Peterborough). There is usually a slight but regular net outflow of adults aged 35-64 and their children and an outflow of young adults, mainly into higher education. These outflows are usually balanced by a net movement of adults aged 25-34 into the city.

Figure 3 Peterborough: Internal Migrants (with address one year ago outside Peterborough City) - Age structure, mid-2001 to mid-2005, from NHS GP registrations, and Census migration within the UK by age group 2000-2001

Age	NHSCR Annual Mean 2001-2005			Age	Census Migration 2000-2001		
	Inflow	Outflow	Balance		Inflow	Outflow	Balance
All Ages	7,100	7,500	-400	All Ages	6,055	6,505	-450
0-4	500	600	-100	0-4	488	510	-22
5-9	400	400	0	5-9	340	387	-47
10-14	300	400	-100	10-14	253	277	-24
15-19	400	700	-300	15-19	322	504	-182
20-24	1,200	900	300	20-24	1,107	1,125	-18
25-29	1,100	1,000	100	25-29	1,077	1,028	49
30-34	900	900	0	30-34	746	759	-13
35-39	600	700	-100	35-39	482	537	-55
40-44	400	500	-100	40-44	333	369	-36
45-49	300	300	0	45-49	205	219	-14
50-54	300	300	0	50-54	195	208	-13
55-59	200	200	0	55-59	120	142	-22
60-64	100	200	-100	60-64	99	110	-11
65-69	100	100	0	65-69	88	93	-5
70-74	100	100	0	70-74	76	73	3
75+	200	200	0	75+	124	164	-40

Source: ONS annual Internal Migration tables

Source: Census 2001

Note: Individual numbers may not sum to totals due to rounding

- 12 International migration is very difficult to measure – both permanent (usually defined as resident for more than a year) and short-term (for less than a year). The only firm figure we have for permanent international migrants is the 2001 census total of 774 Peterborough residents who had been living abroad one year before the census. ONS publishes annual

Population Estimates

estimates, mainly based on the International Passenger Survey (IPS), which is a much-criticised sample survey taken at major points of entry and exit across the United Kingdom. IPS data are only published down to old area health authority level – locally for Cambridgeshire and Peterborough together. Figures for this area are then split by ONS between the six constituent local authorities (including Peterborough) using a much-criticised methodology that gives very odd results - particularly for out-migrants - and results in the bulk of net international migrants in the area being added to the population of Cambridge and almost certainly too few to Peterborough. Figure 4 'ONS Estimates of Internal and International Migration, 2001-05' summarises ONS estimates of both internal and international migration since 2001.

Figure 4 ONS Estimates of Internal and International Migration, 2001-05

	2001-2002	2002-2003	2003-2004	2004-2005
Internal Migration - IN	+6,800	+7,300	+7,100	+6,700
Internal Migration - OUT	-7,200	-7,100	-7,600	-7,400
Internal Migration - NET BALANCE	-400	+300	-500	-800
International Migration - IN	+1,300	+1,400	+1,200	+1,300
International Migration - OUT	-1,300	-1,100	-1,400	-1,100
International Migration - NET BALANCE	+100	+300	-200	+300
All Migration - IN	+8,100	+8,700	+8,300	+8,000
All Migration - OUT	-8,500	-8,200	-9,000	-8,500
All Migration - NET BALANCE	-300	+600	-700	-500

Source: ONS annual Population Estimates.

Note 1: Individual numbers may not sum to totals due to rounding.

Note 2: Figures for International Migrants include, in net terms, small numbers of migrants from Eire and 'Visitor Switchers' (people who enter the country as visitors then gain permanent residence) and an estimated net annual average of around 300 Asylum Seekers not included elsewhere in the data.

- 13** One way to obtain a very approximate estimate of net international migration into Peterborough is to calculate it as the residual when all other components of population change have been subtracted from total population change. Total population change between mid-2004 and mid-2005 is estimated by the Research Group as +2,700. Natural change, the balance of births and deaths, was approximately +1,000 over that period. This leaves +1,700 change to be accounted for by all forms of migration (ignoring minor sources of change). However, net internal migration (see Figure 4 'ONS Estimates of Internal and International Migration, 2001-05') was around -800, suggesting that net international migration was around +2,500. Similar calculations for 2001-2004 suggest that the balance of net international migration was close to zero. Since the census indicates that the annual number of international migrants settling in Peterborough in the year before the 2001 census was around 800, it can be estimated that the number of international in-migrants increased from around 800 in 2000-01 to 3,300 in 2004-05. This increase might be compared with the increase in National Insurance Number Registrations by non-UK nationals in Peterborough, which rose from 1,700 in 2003-04 to 5,080 in 2005-06 - although not all these registrations can be expected to result in permanent migration.

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Figure 5 Mid-2005 population estimates for rural parishes and urban wards

Parishes / wards	1991	2001	2005	% change 2001-'05	Area (hectares)
Ailsworth	400	420	430	2%	636
Bainton	220	310	300	-3%	703
Barnack	890	870	870	0%	1,198
Borough Fen	130	130	120	-8%	1,167
Castor	810	830	790	-5%	1,373
Deeping Gate	440	470	470	0%	219
Etton	140	160	140	-13%	531
Eye*	3,220	3,810	3,920	-	1,100
Glinton	1,650	1,770	1,740	-2%	553
Helpston	740	830	870	5%	754
Marholm	170	150	150	0%	568
Maxey	630	700	710	1%	660
Newborough	1,320	1,390	1,500	8%	2,282
Northborough	1,250	1,350	1,320	-2%	487
Peakirk	330	320	320	0%	240
Peterborough (Bretton North)	10,650	9,560	9,340	-2%	311
Peterborough (Bretton South)	3,170	3,230	3,150	-2%	102
Peterborough (Central)	9,200	8,830	9,530	8%	257
Peterborough (Dogsthorpe)	9,630	8,820	9,230	5%	217
Peterborough (East)*	8,250	8,310	8,920	-	1,018
Peterborough (Fletton)	8,050	7,940	8,890	12%	270
Peterborough (North)	4,800	5,170	5,170	0%	122
Peterborough (Orton Longueville)	11,060	10,500	10,450	0%	425
Peterborough (Orton Waterville)	7,810	8,310	8,160	-2%	675
Peterborough (Orton with Hampton)	2,540	3,540	6,620	87%	1,551
Peterborough (Park)	8,100	8,210	8,310	1%	203
Peterborough (Paston)	8,890	8,280	8,130	-2%	321
Peterborough (Ravensthorpe)	7,320	6,880	7,170	4%	198
Peterborough (Stanground Central)	8,170	8,650	8,430	-3%	871
Peterborough (Stanground East)	1,050	3,080	3,150	2%	123
Peterborough (Walton)	5,400	5,480	5,460	0%	169
Peterborough (Werrington North)	7,760	8,010	7,860	-2%	295
Peterborough (Werrington South)	7,500	6,730	6,690	-1%	260
Peterborough (West)	8,960	8,380	8,420	0%	590
Peterborough Urban Area	138,310	137,910	143,080	4%	7,978
Southorpe	120	140	140	0%	761
St Martin's Without	30	40	30	-25%	360
Sutton	110	130	130	0%	372
Thorney	2,220	2,190	2,180	0%	8,818
Thornhaugh	210	190	180	-5%	1,097
Ufford	250	230	230	0%	479
Upton	70	60	60	0%	491
Wansford	440	450	480	7%	158
Wittering (AF)	2,650	2,320	2,310	0%	1,100
Wothorpe	290	230	270	17%	258
Total Peterborough	157,100	157,400	162,700	3%	34,344

Source: Cambridgeshire County Council Research Group

NOTES

(AF) Parish with a large armed forces population that can account for large and erratic annual changes.

1991 estimates have been recalculated for the new urban ward areas

Population figures may not add to totals due to rounding.

*Part of Eye parish (approximately 190 persons, 32 hectares) was transferred to East Ward following boundary changes in the Peterborough (Parishes) Order 2004

Population Estimates

Ward and parish analysis

Figure 6 Mid-2005 population estimates for rural wards

Ward	Population
Barnack	2,710
Eye and Thorney	5,570
Glington and Wittering	6,270
Newborough	2,470
Northborough	2,640

Source: Cambridgeshire County Council Research Group

Ward and Parish Analysis

- 14** Seven out of the nineteen wards in the Peterborough Urban Area witnessed a decline in population between 1991 and 2005. The highest level of population growth was experienced in Orton with Hampton (87%), reflecting the impact of the development of Hampton township.
- 15** Rural parishes with the most pronounced growth between 1991 and 2005 in percentage terms were Wothorpe (17%) and Newborough (8%). Due to the relatively small size of these parishes, these increases involved relatively small numbers of people. The largest percentage loss of population was experienced in St Martin's Without (-25%), though this involved a loss of 10 people only in the smallest Peterborough parish. Etton (-13%) and Borough Fen (-8%) also showed significant population decline in percentage terms.
- 16** Certain parishes contain more than one settlement that can be defined as being reasonably distinct and having a population of greater than 50. Such parishes and their constituent settlements are listed below. Please see Chapter 5 'Notes for users' for further details.

Figure 7 Mid-2005 population estimates for settlements

Parish / Settlement	Population	Parish / Settlement	Population
BAINTON	300	EYE*	3,920
Bainton	230	Eye	3,390
Ashton	70	Eye Green	530
BARNACK	870	THORNEY	2,180
Barnack	770	Thorney	1,700
Pilsgate	90	Remaining population	480
Remaining population	20		
CASTOR	790		
Castor	740		
Milton	50		

NOTES

*Part of Eye parish is now within Peterborough Urban Area (East ward) following boundary changes in the Peterborough (Parishes) Order 2004

Settlement figures may not add to parish totals due to rounding.

Source: Cambridgeshire County Council Research Group

Population Estimates

Peterborough's age and sex structure

17 In this section of the report, Peterborough's mid-2005 population estimate is presented by detailed age-group and sex.

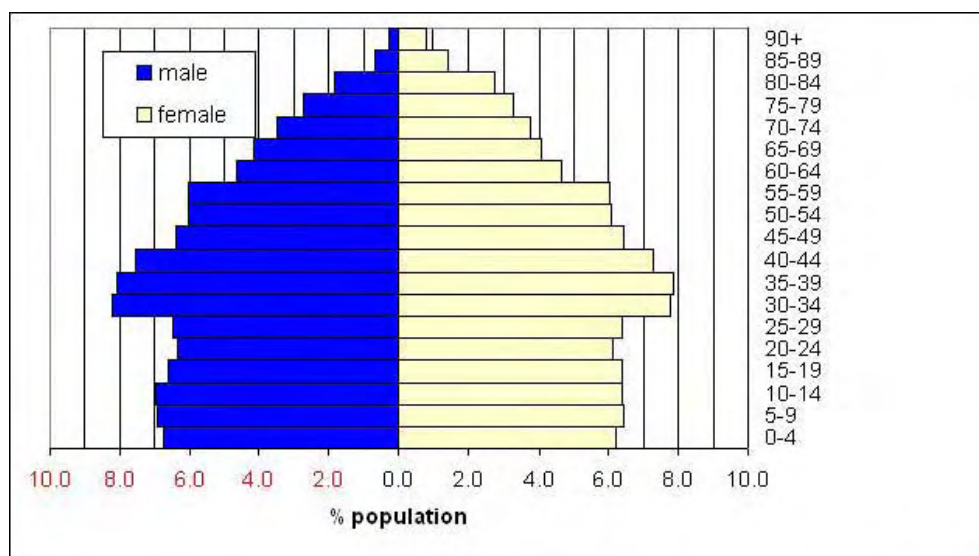
Figure 8 Peterborough mid-2005 population estimates, five-year and other age groups

Age Group	Male	Female	Total	Other Age-Groups	Male	Female	Total
0-4	5,550	5,340	10,880	11-16	6,640	6,370	13,010
5-9	5,460	5,290	10,750	0-17	19,900	19,140	39,040
10-14	5,670	5,390	11,060	11-17	7,700	7,430	15,130
15-19	5,220	5,140	10,360				
20-24	5,080	5,030	10,110	18-59 (F)		46,510	
25-29	4,900	5,150	10,050	18-64 (M)	49,680		
30-34	6,320	6,080	12,400	65+ (M)	10,470		
35-39	6,450	6,360	12,810	60+ (F)		16,850	
40-44	5,960	6,110	12,070				
45-49	5,290	5,430	10,720				
50-54	4,930	5,230	10,160				
55-59	5,080	5,090	10,170				
60-64	3,690	3,890	7,570				
65-69	3,260	3,290	6,540				
70-74	2,770	3,040	5,810				
75-79	2,160	2,710	4,880				
80-84	1,420	2,120	3,550				
85-89	610	1,190	1,800				
90+	250	610	860				
TOTAL	80,100	82,500	162,700				

Source: Cambridgeshire County Council Research Group

NOTE: Totals may not add due to rounding

Figure 9 Mid-2005 age and sex structure of Peterborough's population



Population Estimates

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Peterborough in detail

Mid-2005 ward age structures for Peterborough

- 18 The age structure of Peterborough's population, as shown in Figure 9 'Mid-2005 age and sex structure of Peterborough's population', is very similar to that of England & Wales in terms of the proportion of the population aged between 20 and 50 years. Peterborough has a higher proportion of children and teenagers than England & Wales and a lower proportion of those aged 50 and over.

Figure 10 Peterborough Ward Age Group Estimates – Mid-2005

Ward	Age								Total
	0-4	5-14	15-24	25-44	45-64	65-74	75-84	85+	
Peterborough (Bretton North)	560	1,300	1,340	2,760	2,320	650	320	90	9,340
Peterborough (Bretton South)	170	450	480	900	830	160	130	30	3,150
Peterborough (Central)	1,170	1,740	1,500	2,550	1,350	580	460	180	9,530
Peterborough (Dogsthorpe)	680	1,360	1,220	2,550	1,980	710	550	180	9,230
Peterborough (East)*	800	1,250	1,000	2,480	2,060	700	470	160	8,920
Peterborough (Fletton)	610	980	1,030	3,300	1,900	590	380	100	8,890
Peterborough (North)	320	660	620	1,400	1,170	500	400	100	5,170
Peterborough (Orton Longueville)	770	1,500	1,560	3,090	2,430	620	350	130	10,450
Peterborough (Orton Waterville)	420	1,020	1,020	2,190	2,270	690	420	130	8,160
Peterborough (Orton with Hampton)	630	1,100	630	2,540	1,220	290	170	40	6,620
Peterborough (Park)	580	1,220	920	2,290	2,010	540	490	260	8,310
Peterborough (Paston)	570	1,110	1,230	2,690	1,660	510	280	80	8,130
Peterborough (Ravensthorpe)	640	1,090	1,040	2,050	1,560	430	280	80	7,170
Peterborough (Stanground Central)	430	920	1,000	2,370	2,110	800	660	140	8,430
Peterborough (Stanground East)	220	480	350	1,030	630	250	160	30	3,150
Peterborough (Walton)	310	670	660	1,660	1,300	450	320	90	5,460
Peterborough (Werrington North)	430	1,060	1,130	2,580	1,900	370	280	110	7,860
Peterborough (Werrington South)	230	640	650	1,560	2,040	860	540	170	6,690
Peterborough (West)	390	940	900	2,040	2,400	880	650	220	8,420
Peterborough Urban Area	9,930	19,490	18,280	42,030	33,140	10,580	7,310	2,320	143,080
Barnack	130	350	240	550	870	340	180	50	2,710
Eye and Thorney*	310	680	550	1,490	1,590	500	330	120	5,570
Glington and Wittering	280	660	910	2,160	1,500	400	280	80	6,270
Newborough	130	330	250	570	790	230	140	30	2,470
Northborough	100	310	260	570	860	310	180	50	2,640
Total Peterborough	10,880	21,820	20,490	47,370	38,750	12,360	8,420	2,650	162,740
% Age Distribution	6.70%	13.40%	12.60%	29.10%	23.80%	7.60%	5.20%	1.60%	100.00%

Source: Cambridgeshire County Council Research Group

Individual numbers may not sum to totals due to rounding

*Part of Eye parish in this ward (approximately 190 persons, 32 hectares) was transferred to East Ward following boundary changes in the Peterborough (Parishes) Order 2004

- 19 The mid 2005 ward age-group estimates are based on data from the NHS Central Register, although with considerable adjustment to the figures for the 15-64 age-groups to bring the overall total in line with the Research Group estimate of the age-structure of the city as a whole. In 2001, the NHS Register recorded substantially higher numbers registered in those age-groups than the census counted because of problems with removing people from the register who move out of Peterborough but do not immediately re-register elsewhere within the country. The bottom row in Figure 10 'Peterborough Ward Age Group Estimates – Mid-2005' shows the percentage age distribution for Peterborough as a whole. The following paragraphs indicate local variations from this overall pattern.

Peterborough in detail

- 20** In the 0-4 age-group, Central Ward (12.3%) has by far the highest proportion of its population in this age-group, whilst Werrington South (3.4%) and Northborough Ward (3.8%) have less than 4% of their population in this age range.
- 21** In the 5-14 age-group, Central (18.3%) and Orton with Hampton (16.6%) have the largest proportions while Werrington South (9.6%) and Glinton & Wittering (10.5%) are the wards with the lowest proportions.
- 22** In the 15-24 age-group, Central (15.7%) and Bretton South (15.2%) are the wards with the highest proportions, although several other urban wards have proportions between 14% and 15% while Barnack has only 8.9% of its population aged between 15 and 24 and Orton with Hampton 9.5%.
- 23** In more general terms, the largest proportions of children and young people are found in the more central wards north of the river and in Orton with Hampton. The smallest proportions are to be found in rural wards and some outer urban wards including West, Werrington South and Stanground Central.
- 24** In Peterborough as a whole, the population aged 65 and over forms 14.4% of the total. It is over 20% of the total ward population in Werrington South (23.5%), West (20.8%), Barnack (21.0%) and Northborough Wards (20.5%) and under 10% in Orton with Hampton (7.3%) and Werrington North (9.7%). Proportions of over-74s are highest in Werrington South (10.6%), West (10.3%), North (9.7%), Stanground Central (9.5%) and Park (9.0%) – the overall proportion in the city is 6.8%.

Ethnic Composition of Peterborough

The 2001 Census

- 25** The 2001 Census provided a vital snapshot of the country's demographic and social composition, as at April 2001. Detailed results for Peterborough and small areas within the Authority are available from the [Office for National Statistics](#); for further information and advice contact Peterborough City Council. Summary information on the ethnic composition of the population by ward from the Census is presented below.

Ethnic Composition

- 26** The 2001 Census remains the most up-to-date source of detailed information on the ethnic composition of the population of Peterborough. Figure 11 'Ethnic composition by ward 2001' shows the ethnic composition of each ward in 2001. Just over 10% of Peterborough's population recorded itself as non-white at the census. Central Ward had by far the largest ethnic minority population (55%) – predominantly Pakistani in origin. The next largest ethnic minority proportions were around 15%, in East and Park Wards. The smallest ethnic minority populations were in the rural wards.
- 27** The Office for National Statistics has recently started publishing experimental estimates of the populations of local authorities by ethnic group. Figures for 2004 for Peterborough are shown in the bottom row of Table 8. They suggest that the non-white population of

Peterborough in detail

Peterborough increased to 12% of the total between 2001 and 2004, with increases in the proportions of all ethnic minority groups, except the Pakistani - which remained stable as a proportion - and a particularly large proportionate increase in Black groups.

Figure 11 Ethnic composition by ward 2001

Ward	All People	White British	White Other (including Irish)	Mixed	Indian	Pakistani	Bangladeshi and Other Asian	Black or Black British	Chinese	Other Ethnic Group
Barnack	2,610	95.60%	3.30%	0.80%	0.30%	0.00%	0.00%	0.00%	0.00%	0.10%
Eye and Thorney	5,297	95.00%	2.10%	1.00%	0.80%	0.10%	0.20%	0.60%	0.10%	0.20%
Glington and Wittering	6,255	96.50%	2.00%	0.60%	0.40%	0.00%	0.10%	0.30%	0.00%	0.00%
Newborough	2,291	96.70%	1.70%	1.00%	0.30%	0.00%	0.00%	0.30%	0.00%	0.00%
Northborough	2,649	96.70%	2.00%	0.50%	0.40%	0.10%	0.10%	0.10%	0.00%	0.20%
Peterborough Urban Area										
Bretton North	9,483	88.00%	3.10%	2.00%	2.10%	1.50%	1.10%	1.80%	0.30%	0.20%
Bretton South	3,206	88.40%	3.30%	1.80%	3.20%	0.60%	0.70%	1.10%	0.50%	0.50%
Central	8,762	40.00%	5.40%	1.30%	2.30%	46.50%	1.90%	1.80%	0.20%	0.60%
Dogsthorpe	8,753	87.50%	3.50%	1.80%	2.60%	2.10%	0.70%	1.30%	0.30%	0.30%
East	8,424	79.50%	5.10%	2.20%	2.60%	5.40%	1.70%	2.30%	0.90%	0.40%
Fletton	7,871	85.90%	8.10%	1.70%	1.50%	0.60%	0.30%	1.50%	0.30%	0.20%
North	5,124	87.30%	3.40%	1.40%	2.20%	2.70%	0.60%	2.10%	0.10%	0.20%
Orton Longueville	10,416	90.30%	3.80%	1.90%	1.00%	0.80%	0.40%	1.30%	0.10%	0.30%
Orton Waterville	8,236	91.40%	3.40%	1.00%	1.60%	0.20%	0.50%	0.80%	0.50%	0.60%
Orton with Hampton	3,515	91.60%	3.80%	0.90%	1.50%	0.10%	0.10%	1.00%	0.80%	0.20%
Park	8,141	78.40%	6.10%	1.70%	3.70%	7.70%	0.70%	1.00%	0.40%	0.30%
Paston	8,213	91.80%	2.60%	1.70%	1.00%	0.50%	0.50%	1.20%	0.50%	0.10%
Ravensthorpe	6,820	80.20%	3.40%	2.60%	2.90%	6.80%	1.20%	2.20%	0.40%	0.30%
Stanground Central	8,579	89.30%	6.80%	0.80%	1.20%	0.50%	0.20%	1.00%	0.10%	0.10%
Stanground East	3,059	89.80%	3.80%	1.30%	1.50%	0.20%	0.50%	1.30%	1.30%	0.30%
Walton	5,437	91.10%	3.20%	1.30%	2.00%	0.60%	0.20%	1.30%	0.20%	0.10%
Werrington North	7,943	92.70%	2.80%	1.40%	1.20%	0.20%	0.20%	0.90%	0.40%	0.10%
Werrington South	6,669	94.90%	2.20%	1.00%	0.70%	0.20%	0.10%	0.50%	0.30%	0.10%
West	8,312	78.80%	4.90%	1.40%	4.10%	7.10%	1.40%	1.20%	0.40%	0.80%
Total Peterborough 2001	156,065	85.70%	4.00%	1.50%	1.80%	4.50%	0.60%	1.20%	0.30%	0.30%
<i>Estimated Distribution 2004</i>		<i>84.00%</i>	<i>4.10%</i>	<i>1.70%</i>	<i>2.10%</i>	<i>4.50%</i>	<i>0.80%</i>	<i>1.90%</i>	<i>0.40%</i>	<i>0.40%</i>

Source: Census 2001 and ONS 2004 Ethnic Population Estimates

Peterborough in detail

Nationally produced population estimates for Peterborough

- 28** Estimates for all local authority areas in England and Wales are produced annually by the Office for National Statistics (ONS). These figures are used for particular purposes such as the Standard Spending Assessment calculation and the submission of bids for other centrally held government funds.

Figure 12 Office for National Statistics mid-2005 population estimates

Age Group	Persons	Age Group	Total	Male	Female
ALL AGES	159,700				
		Under 1	2,300	1,200	1,100
3	2,100	1-4	8,500	4,300	4,200
4	2,000	5-10	10,200	5,200	5,000
		11-14	10,700	5,500	5,200
0-4	10,800	15-19	10,800	5,500	5,300
0-17	38,300	20-24	10,000	5,000	5,000
		25-29	10,900	5,600	5,300
5-10	12,400	30-34	12,200	6,400	5,900
11-15	10,700	35-39	12,800	6,500	6,300
13-19	15,100	40-44	11,800	5,800	6,000
16-24	18,600	45-49	10,300	5,100	5,200
18-64	98,700	50-54	9,500	4,600	4,900
18-59 (F)	45,500	55-59	9,700	4,900	4,900
18-64 (M)	49,500	60-64	7,300	3,500	3,700
65-74	11,900	65-69	6,300	3,100	3,300
75-84	8,200	70-74	5,600	2,600	3,000
80-84	3,400	75-79	4,800	2,100	2,600
		80-84	3,400	1,400	2,100
11+	136,500	85-89	1,700	600	1,100
65+	22,600	90+	800	200	600
85+	2,500				
90+	800	TOTAL	159,700	78,900	80,800

Source: Office for National Statistics. Population estimates mid-2005.

- 29** Estimates of the population at a parish and urban ward level, produced independently by Cambridgeshire County Council's Research Group, are not controlled to ONS figures. In producing our own estimates we can feed in local information on changes in armed forces, students, school rolls and so on. Consequently there are likely to be differences between the estimates produced by ONS and those produced by the Research Group. At present it appears that ONS is under-estimating the population of Peterborough, as with other similar urban areas.

Population forecasts

Population Forecasts

- 30** The forecasts summarised in Figure 13 'Cambridgeshire County Council Research Group population forecasts for Peterborough' start from a 2001 base population calculated from the census. They have been revised this year to take account of the 2005 population estimate, of the latest national assumptions about future fertility and mortality change and of the recent Department for Communities & Local Government household projections and their assumptions about future household formation. The forecasts are based on assumptions about future house-building set out in the Peterborough Possible Phased Growth Assumption. In broad terms, they show a substantial increase in annual house-building rates – rising to double recent rates by 2012 – in order to meet the house-building targets and assumptions contained in the consultation draft of the East of England Plan. To meet these targets, the model assumes future average net migration into the city of around 1,600 people a year. More details of the forecasting methodology are given in the Notes for Users.
- 31** On the basis of these assumptions, Peterborough's population is forecast to grow by around 22% between 2006 and 2021, to a total around 203,000. The greatest proportional population increase is forecast to be in the 65+ population, which includes a 129% increase in the number of people aged 85 and over. The school-age population is forecast to grow by 22% and the 0-4 population is forecast to increase by 17%. The slight decrease in the 35-44 age-group reflects the low birth-rate in the later 1970s
- 32** Please note that the population shown here for 2006 is a forecast rather than a detailed estimate. It may therefore differ from the final estimate which will be published in 2007.

Figure 13 Cambridgeshire County Council Research Group population forecasts for Peterborough

Cambridgeshire County Council Research Group population forecasts for Peterborough

Age Group	2001	2006	2011	2016	2021	% change 2006-'21
0-4	10,300	11,300	12,200	12,500	13,200	16.8%
5-10	13,200	13,100	14,000	15,600	16,100	22.9%
11-15	10,800	11,000	10,900	11,700	13,200	20.0%
16-19	7,900	8,300	8,200	8,400	9,200	10.8%
20-24	9,700	10,300	10,700	11,000	11,200	8.7%
25-34	24,800	22,700	21,800	24,000	25,600	12.8%
35-44	23,200	25,500	25,400	24,100	24,500	-3.9%
45-54	20,300	21,100	24,100	26,800	27,400	29.9%
55-64	14,950	18,700	20,600	22,000	25,300	35.0%
65-74	12,100	12,500	14,300	18,100	20,200	61.6%
75-84	7,700	8,500	9,300	10,000	11,900	40.0%
85+	2,400	3,000	3,700	4,600	5,500	83.3%
Total	157,400	166,000	175,200	188,900	203,200	22.4%

NOTES: Totals may not add due to rounding

Population forecasts

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Dwelling stock estimates and forecasts

Dwelling Stock Estimates

33 Figure 14 'Mid-2005 dwelling stock estimates, parishes and urban wards' sets out the dwelling stock by urban wards and rural parishes in Peterborough.

Figure 14 Mid-2005 dwelling stock estimates, parishes and urban wards

Parishes / wards	1991	2001	2005	%change 2001-05
Ailsworth	190	200	200	0%
Bainton	100	130	130	0%
Barnack	390	400	400	0%
Borough Fen	50	50	50	0%
Castor	350	370	370	0%
Deeping Gate	160	180	190	6%
Etton	60	60	60	0%
Eye*	1,410	1,760	1,720	-2%
Glinton	590	670	680	1%
Helpston	310	390	400	3%
Marholm	70	80	80	0%
Maxey	240	270	270	0%
Newborough	540	610	670	10%
Northborough	510	570	570	0%
Peakirk	140	150	150	0%
Peterborough (Bretton North)	4,130	4,060	4,070	0%
Peterborough (Bretton South)	1,200	1,310	1,310	0%
Peterborough (Central)	3,730	3,960	4,000	1%
Peterborough (Dogsthorpe)	3,920	3,960	4,080	3%
Peterborough (East) *	3,460	4,310	4,550	6%
Peterborough (Fletton)	3,710	3,990	4,590	15%
Peterborough (North)	2,190	2,400	2,410	0%
Peterborough (Orton Longueville)	4,260	4,330	4,370	1%
Peterborough (Orton Waterville)	3,150	3,720	3,760	1%
Peterborough (Orton with Hampton)	1,160	1,760	3,180	81%
Peterborough (Park)	3,500	3,610	3,660	1%
Peterborough (Paston)	3,570	3,560	3,580	1%
Peterborough (Ravensthorpe)	2,860	2,980	3,080	3%
Peterborough (Stanground Central)	3,420	3,840	3,850	0%
Peterborough (Stanground East)	470	1,320	1,340	2%
Peterborough (Walton)	2,260	2,450	2,470	1%
Peterborough (Werrington North)	3,230	3,320	3,330	0%
Peterborough (Werrington South)	2,750	2,940	2,980	1%
Peterborough (West)	3,530	3,730	3,780	1%
Peterborough Urban Area	56,500	61,550	64,390	5%
Southorpe	50	50	50	0%
St Martin's Without	20	20	20	0%
Sutton	50	50	50	0%
Thorney	970	1,010	1,050	4%
Thornhaugh	90	90	90	0%
Ufford	100	100	100	0%
Upton	30	30	30	0%
Wansford	200	200	220	10%
Wittering (AF)	1,030	1,070	1,070	0%
Wothorpe	90	120	140	17%
Total Peterborough	64,300	70,180	73,150	4%

NOTES

1991 estimates have been recalculated for the new urban ward areas

Figures may not add to totals due to rounding.

*Part of Eye parish (approximately 120 dwellings) was transferred to East ward following boundary changes in the Peterborough (Parishes) Order 2004

Dwelling stock estimates and forecasts

Figure 15 Mid-2005 dwelling stock estimates for rural wards

Ward	Dwellings
Barnack	1,240
Eye and Thorney	2,560
Glington and Wittering	2,790
Newborough	1,080
Northborough	1,090

- 34** The forecast numbers of dwellings set out in Figure 16 'Dwelling Forecasts for Peterborough' are aligned with the Secretary of States Proposed Changes to the Draft Revision to the Regional Spatial Strategy (RSS) for the East of England, published in December 2006. RSS makes provision for a minimum of 25,000 dwelling increase for Peterborough over the period 2001-2021.

Figure 16 Dwelling Forecasts for Peterborough

	2001	2006	2011	2016	2021	% change 2001-21
Number of dwellings	70,300	74,000	79,600	87,200	95,300	35.60%

Note: Based on the City Council's Peterborough Possible Phased Growth Assumption data.

- 35** Progress on annual dwelling completions in Peterborough is reported in the Peterborough Local Development Framework Annual Monitoring Report 2006.
- 36** The forecast numbers of dwellings in Figure 16 'Dwelling Forecasts for Peterborough' provide the basis for the population forecasts set out in Figure 13 'Cambridgeshire County Council Research Group population forecasts for Peterborough'.

Estimates of Total Population

- 37** Definition: The total population figures are estimates of the resident population. The definition of the resident population used for these mid year estimates is the same as that used by the ONS⁽ⁱ⁾ which counts all students (including school boarders) as resident at their term time address.
- 38** Method: Population is rolled forward one year at a time, taking the change in population from one year to the next and adding it to the last estimate. The sources used to compile these annual change figures cover virtually the whole population age range: electoral registers for the adult population (including European electors from 1995 onwards); school rolls for the school aged population and health service statistics on under 5's. Additional sources are used to monitor groups for which coverage is otherwise incomplete or uncertain. These include our own surveys for the population associated with local armed forces bases, higher education establishments, independent schools and nursing / residential homes.
- 39** Reliability of sources: There are a number of problems associated with the compilation of the electoral register which affects its reliability for producing population estimates. At intervals there is a tidying up process whereby the names of people who have died or moved away are removed from the electoral register and attempts are made to increase the level of registration of 17 year olds ("attainers") and other sub-groups of the population. Changes also occur in the general practice of canvassing for the electoral roll.
- 40** As a general rule, the longer the period over which population changes are analysed, and the larger the area, the more reliable the results are likely to be. Particular care should be taken in using the figures for the following types of areas:
- 41** Areas with large numbers of armed forces and their families - low levels of electoral registration are common and reflect high turnover among those entitled to vote. An annual survey of armed forces attempts to monitor the changes by direct contact with bases but this source is itself often incomplete, particularly with regard to families of armed forces and those living in accommodation off the base.
- 42** Areas with large numbers of students - experience suggests that many students, especially those living in privately rented accommodation, are not entered on the electoral register. Students from overseas may not be eligible for registration. Figures from educational establishments help in recording changes in the student population not fully covered by electoral roll change.

Estimates of Total Population in Settlements

- 43** Definition: There is no official list of settlements or officially agreed settlement boundaries - those calculated for Peterborough have been defined as being reasonably distinct from at least one other built up area within a parish and having a population of at least 50 in line with past practice. The settlement of Thorney Toll is divided across two parish and local authority boundaries; Thorney in Peterborough and Wisbech St Mary in Fenland. Settlements do not tend to include people living in dwellings or on roads outside the built up area. Where

i The Office for National Statistics, formerly OPCS

Notes for users

such a population exists within a parish and is greater than 50 in number, it is stated as being the “remaining population”. Where it is less than 50, it is attributed to the population of the largest settlement in the parish.

- 44** Source: Settlements have been defined using registration units from the electoral register in conjunction with detailed local plan maps. Population estimates for settlements have been produced by apportioning the parish population on the basis of electoral distribution. Our annual survey of armed forces and other institutional populations helps allocate numbers of those not fully covered by the electoral register.
- 45** Reliability: The methodology for calculating settlement estimates has been revised and comparison with previous years’ figures is not advisable.

Age Group Estimates

- 46** Definition: The population definition used is the same as that for the estimates of total population. Adjustments for students, armed forces and people missed from the Census have a particular impact on numbers in the 16-24 age group.
- 47** Source: The age structures of the local authority populations are derived from the Research Group’s population forecasting model. The base population at 2001 was aged forward, and information on actual numbers of births and deaths was used. Net migration and other changes were estimated using information from the 2001 Census and other sources.
- 48** Reliability: The age group estimates should be most accurate at 2001 as they used information based on the 2001 Census. Figures since 2001 relating to births and deaths should have a high level of accuracy while information on the numbers and age structure of migrants will be less accurate. Generally at smaller levels of detail estimates become more unreliable.

Ethnic Groups in Peterborough

- 49** Definition and Source: The main source of ethnic group information is the 2001 Census of Population. Information is based on the section of the Census in which respondents were asked to identify the ethnic group they belonged to.
- 50** Reliability: The classification of ethnic groups is problematical. The categories represent a mixture of descriptions of ethnic groups; in some cases in terms of skin colour, and in others by country of origin. The ‘Chinese’ ethnic category can refer to a country, culture or linguistic group. It is suspected that, nationally, non-White ethnic groups were among the groups most under-represented in the Census. In Peterborough, Central ward had a high level of under-enumeration, which was shown by the number of imputed residents in the Census. It is impossible to say how many of these may have belonged to a non-White ethnic group.

Dwelling Stock Estimates

- 51** Definition: Estimates of dwelling stock relate to the number of self contained residential units. Each separate area of living accommodation within a property is counted separately. Vacant properties, second homes, holiday homes and non-permanent dwellings (e.g. caravans and houseboats - where these are used as dwellings) have been included.
- 52** Estimates method: The 2001 Census provided a count for the number of dwellings by parish and urban ward but, as it is likely that the census undercounted the number of dwellings by a small amount, this figure was adjusted to provide a mid year estimate for 2001. Estimates from 2001 onwards have been calculated using housing completions data (supplied by PCC Planning Services) to record change since the Census.
- 53** Reliability of Sources: For the dwelling stock estimates no allowance has been made for changes in non-permanent dwellings although this affects very few residential properties. Population and dwelling stock forecasts.

Population and Dwelling Stock Forecasts

- 54** Definition: The population definition used is the same as that for the estimates of total population. The forecasts are 2001 based – they take the 2001 population estimate for Peterborough (total and by age group) as their starting point.
- 55** Method: The model used was developed by Norfolk County Council and is a single region cohort survival model. Essentially this means that from the base year people are aged forward and assumptions made about the main components of population change: births, deaths and migration. More detailed documentation is available on the forecasting model from Cambridgeshire County Council.
- 56** Reliability: In general, forecasts become less accurate as the time period for which figures are given increases. They are also critically dependent on the assumptions on which they are made.

Areas / boundaries

- 57** Areas have been measured from the ED-Line Census boundary data set using a computerised Geographical Information System.
- 58** All ward boundaries referred to relate to the Peterborough (Parishes) Order 2004.

Rounding of the figures

- 59** Figures for parishes and wards have all been rounded to the nearest 10 people and may not add to local authority totals. Settlement figures have also been rounded in this manner and may not add to parish totals. Age group populations have been rounded to the nearest 100 people. This reflects the level of accuracy of the results.

Notes for users

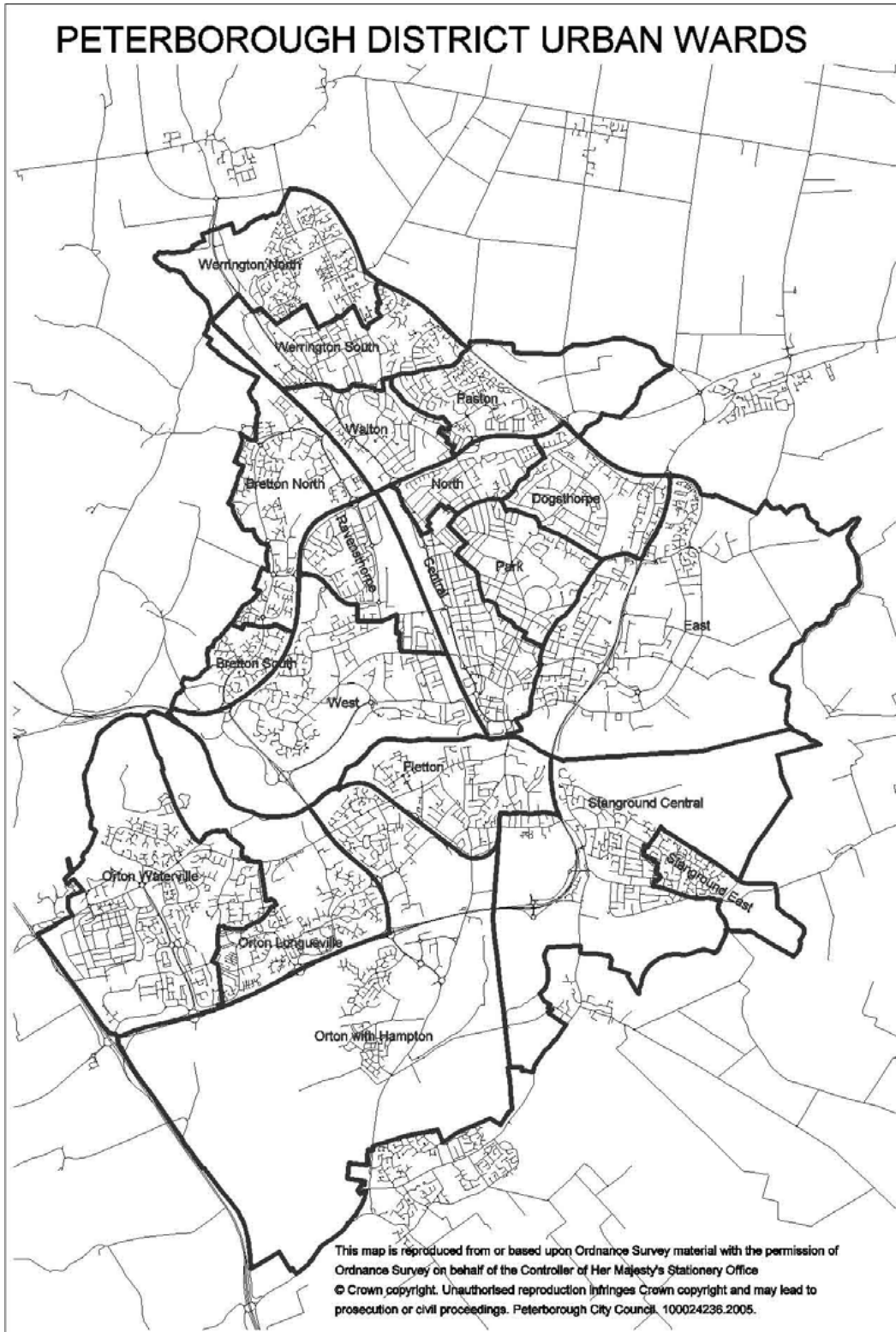
Map 1 Surrounding Districts

PETERBOROUGH AND SURROUNDING DISTRICTS

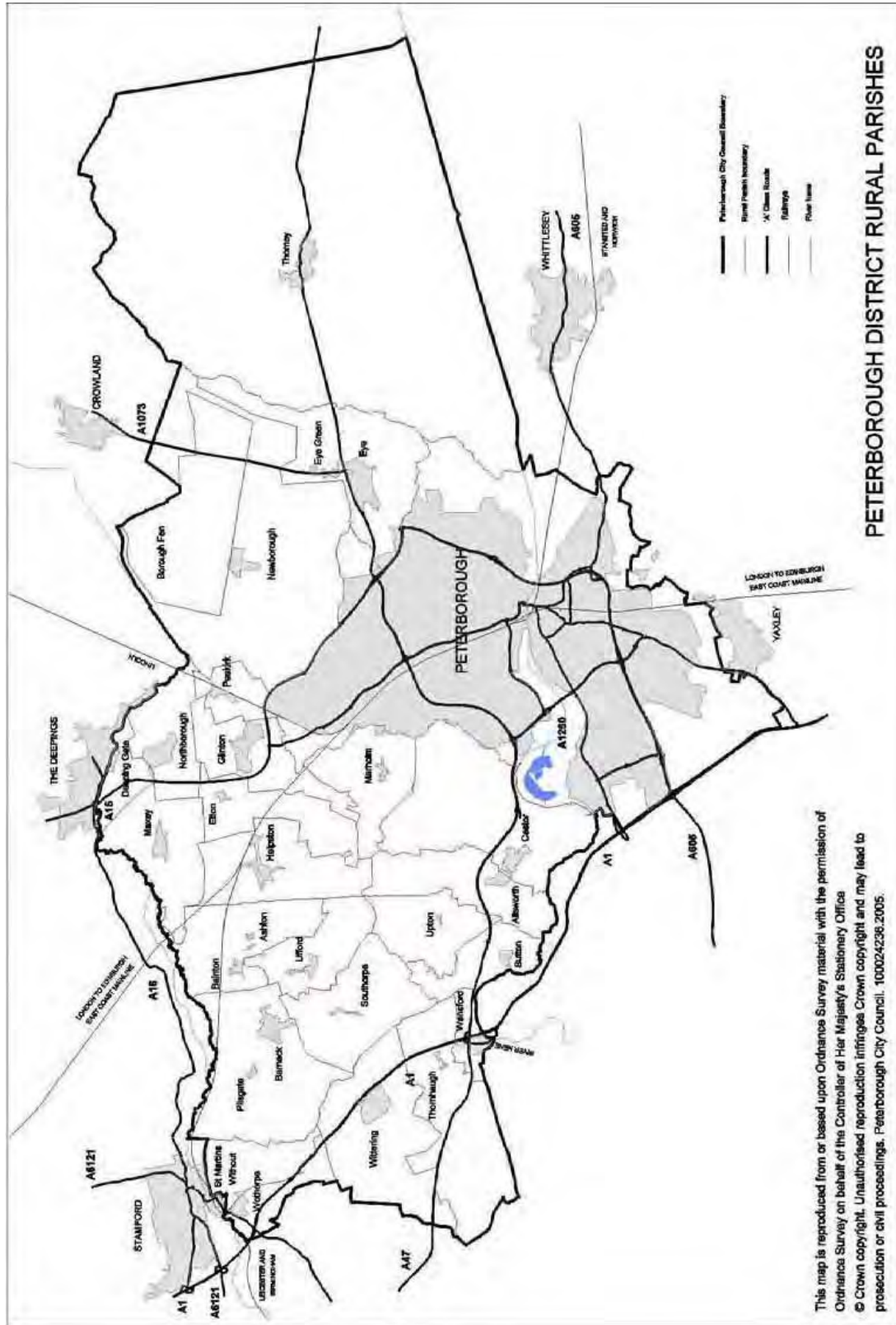


Maps

Map 2 Urban Wards



Map 3 Rural Parishes



Maps