

SDR 114/2010

28 July 2010

## 2006-based Household projections for National Parks in Wales

### Introduction

This statistical release presents the results of the 2006-based household projections, which have been produced for the Brecon Beacons, Pembrokeshire Coast and Snowdonia National Parks in Wales. This follows the publication of the 2006-based household projections for local authorities in Wales on 11 June 2009.

Household projections provide estimates of future household numbers. The assumptions are generally based on past trends. These projections do not make allowances for the effects of local or central government policies on future population or household levels, distribution and change.

The quality information section at the end of this release provides further information on the methodology used to produce these household projections.

### Key Results

#### Total Households

- Overall, household numbers across all the National Park Authority areas are projected to increase up until 2026, before decreasing slightly.

#### Private Household Population

- The projected private household population in the National Park Authority areas as a whole is projected to decrease between 2006 and 2031, although for Brecon Beacons National Park it is expected to increase between 2006 and 2016.

#### Average Household Size

- Average household size is projected to be lower for the National Parks in Wales than for Wales as a whole.

#### Households by Type

- By 2031, one person households are projected to become the most common household type for all National Parks in Wales.

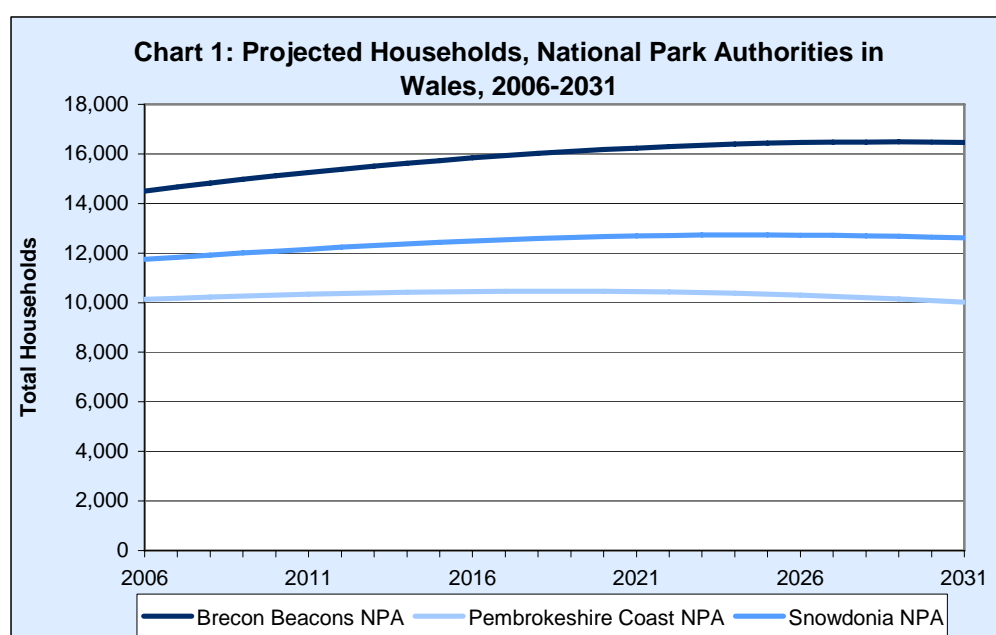
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**Next Update:** September 2011 (provisional)



## Total Households

**Table 1: Projected households by National Park Authorities in Wales, 2006-2031**

	<i>thousands and per cent</i>						
	2006	2011	2016	2021	2026	2031	Percentage change, 2006 to 2031
Brecon Beacons NPA	14.5	15.2	15.8	16.2	16.5	16.5	13
Pembrokeshire Coast NPA	10.1	10.3	10.4	10.5	10.3	10.0	-1
Snowdonia NPA	11.7	12.2	12.5	12.7	12.7	12.6	7
Total National Park Authorities	36.4	37.7	38.8	39.4	39.5	39.1	7



The total number of households across all National Park Authority areas is projected to increase to around 39,500 by 2026 before starting to decrease. The overall percentage change is expected to be 7 per cent between 2006 and 2031. In comparison, projected household numbers across Wales as a whole are expected to increase by 25 per cent over the same period.

For Brecon Beacons National Park, the overall household numbers are projected to increase by 2,000 (13 per cent) to around 16,500 by 2026 and will remain at that level until 2031.

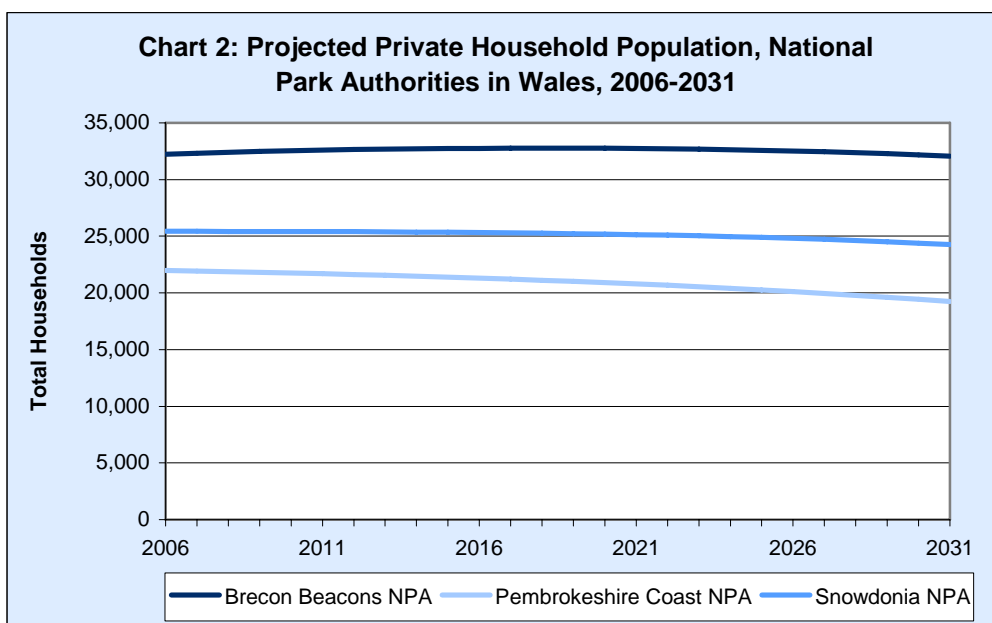
Household numbers in Pembrokeshire Coast National Park are projected to increase to 10,500 in 2021, before decreasing by 2031. In 2031, the overall number of households in the Pembrokeshire Coast National Park is projected to be 100 less (1 per cent) than in 2006.

For Snowdonia National Park, household numbers are projected to increase by 1,000 to around 12,700 by 2021 before starting to decrease. The overall number of households in Snowdonia National Park is projected to increase by 900 (7 per cent) between 2006 and 2031.

## Private Household Population

**Table 2: Projected private household population, by National Park Authorities in Wales, 2006-2031**

	<i>thousands and per cent</i>						
	2006	2011	2016	2021	2026	2031	Percentage change, 2006 to 2031
Brecon Beacons NPA	32.2	32.6	32.7	32.7	32.5	32.1	-1
Pembrokeshire Coast NPA	22.0	21.7	21.3	20.8	20.1	19.2	-13
Snowdonia NPA	25.4	25.4	25.3	25.1	24.8	24.3	-5
Total National Park Authorities	79.7	79.7	79.4	78.7	77.4	75.6	-5



Overall, the private household population across all the National Park Authority areas in Wales is projected to decrease by 5 per cent between 2006 and 2031. For Wales as a whole, the private household population is projected to grow by 11 per cent over the projection period.

The private household population in Brecon Beacons National Park is expected to increase slightly too around 32,700 by 2016 before decreasing.

The private household population for Pembrokeshire Coast National Park is expected to fall continually, decreasing by around 3,000 (13 per cent) over the projection period.

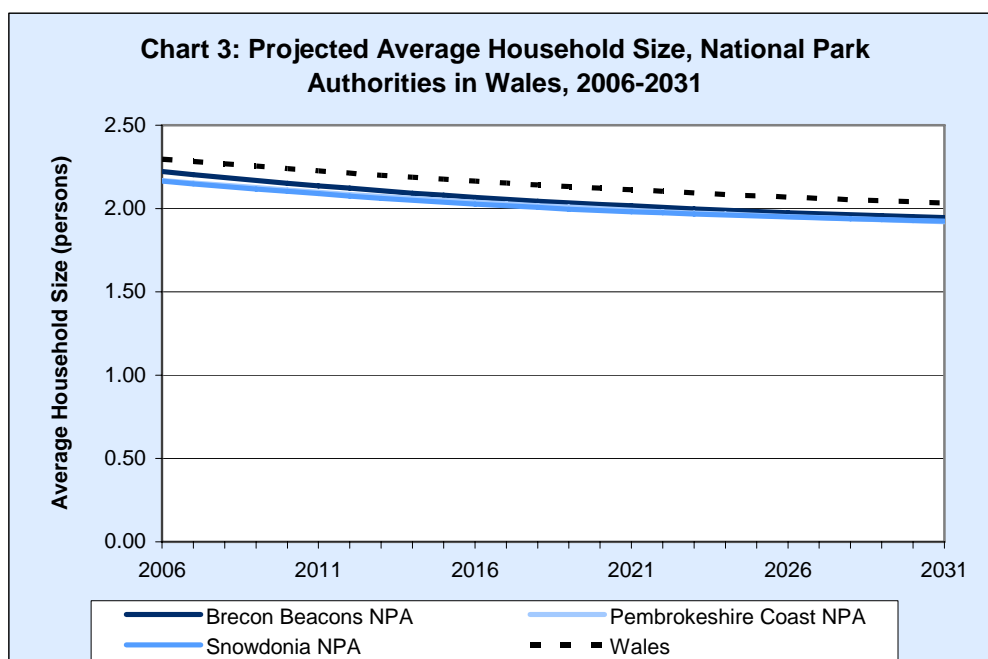
For Snowdonia National Park the private household population is projected to decrease by over 1,000 (5 per cent) by 2031 to 24,300.

It is noticeable that the percentage change for each of the National Park Authority areas over the projection period is of a similar magnitude to that seen with the 2006-based population projections for National Parks.

## Average Household Size

**Table 3: Projected average household size, by National Park Authorities in Wales, 2006-2031**

	<i>persons per household</i>					
	2006	2011	2016	2021	2026	2031
Brecon Beacons NPA	2.22	2.14	2.07	2.02	1.98	1.95
Pembrokeshire Coast NPA	2.17	2.10	2.04	1.99	1.95	1.92
Snowdonia NPA	2.17	2.09	2.03	1.98	1.95	1.92
Wales	2.30	2.23	2.16	2.11	2.07	2.03



Average household size is projected to decrease for each National Park Authority area between 2006 and 2031, following a similar trend to Wales as a whole. In all three National Park Authority areas, the average household size is projected to be lower than that for Wales as a whole throughout the projection period.

In Pembrokeshire Coast and Snowdonia National Parks, average household size is projected to decrease below 2 persons per household by 2021.

Average household size is projected to be slightly higher for Brecon Beacons than for the other National Parks, but is projected to decrease below 2 persons per household by 2026.

## Projected Households by Type – Brecon Beacons National Park

**Table 4: Projected households by type, 2006-2031, Brecon Beacons NPA**

*thousands and per cent*

	2006	2011	2016	2021	2026	2031	Percentage change, 2006 to 2031
1 person	4.5	5.0	5.5	5.9	6.3	6.5	44
2 person (no children)	5.2	5.6	5.9	6.1	6.1	6.0	15
2 person (1 adult, 1 child)	0.4	0.5	0.5	0.6	0.6	0.6	52
3 person (no children)	0.8	0.8	0.8	0.7	0.6	0.5	-36
3 person (2 adults, 1 child)	1.0	1.0	1.0	0.9	0.9	0.9	-4
3 person (1 adult, 2 children)	0.3	0.3	0.3	0.3	0.3	0.4	35
4 person (no children)	0.2	0.2	0.2	0.1	0.1	0.1	-46
4 person (2+ adults, 1+ children)	1.3	1.2	1.0	0.9	0.9	0.9	-34
4 person (1 adult, 3 children)	0.1	0.1	0.1	0.1	0.1	0.1	33
5+ person (no children)	0.0	0.0	0.0	0.0	0.0	0.0	-54
5+ person (2+ adults, 1+ children)	0.7	0.6	0.6	0.5	0.5	0.5	-34
5+ person (1 adult, 4+ children)	0.0	0.0	0.0	0.0	0.0	0.0	-4
All Household Types	14.5	15.2	15.8	16.2	16.5	16.5	13

Table 4 shows that:

- 1 person households are projected to replace 2 person households (with no children) and will be the most common household type in Brecon Beacons National Park by 2026.
- Households containing 1 and 2 persons without children are expected to make up three quarters of all households in Brecon Beacons National Park by 2031.
- Single parent household types are projected to show some of the largest percentage increases in Brecon Beacons National Park, with overall numbers increasing from around 800 in 2006 to 1,100 by 2031.
- Households with 3 or more persons (with no children) are projected to show large percentage decreases by 2031.
- As a result, the numbers of households are projected to decrease from around 1,100 in 2006 to 700 by 2031.

## Projected Households by Type – Pembrokeshire Coast National Park

**Table 5: Projected households by type, 2006-2031, Pembrokeshire Coast NPA**

*thousands and per cent*

	2006	2011	2016	2021	2026	2031	Percentage change, 2006 to 2031
1 person	3.2	3.5	3.7	3.9	4.0	4.0	24
2 person (no children)	3.7	3.9	4.0	3.9	3.8	3.6	-4
2 person (1 adult, 1 child)	0.3	0.4	0.4	0.4	0.5	0.5	35
3 person (no children)	0.6	0.6	0.5	0.5	0.4	0.4	-39
3 person (2 adults, 1 child)	0.5	0.5	0.5	0.5	0.4	0.4	-24
3 person (1 adult, 2 children)	0.2	0.2	0.3	0.3	0.3	0.3	34
4 person (no children)	0.1	0.1	0.1	0.1	0.0	0.0	-65
4 person (2+ adults, 1+ children)	0.8	0.7	0.6	0.5	0.5	0.4	-45
4 person (1 adult, 3 children)	0.1	0.1	0.1	0.1	0.1	0.1	35
5+ person (no children)	0.0	0.0	0.0	0.0	0.0	0.0	8
5+ person (2+ adults, 1+ children)	0.5	0.4	0.3	0.3	0.3	0.2	-48
5+ person (1 adult, 4+ children)	0.0	0.0	0.0	0.0	0.0	0.0	42
All Household Types	10.1	10.3	10.4	10.5	10.3	10.0	-1

Table 5 shows that:

- 1 person households are projected to become the most common household type in Pembrokeshire Coast National Park by 2026.
- Households containing 2 persons (with no children) are expected to decrease by 2031, but 1 and 2 person households (with no children) are expected to make up three quarters of all households by 2031.
- Single parent household types are projected to show the largest percentage increases in Pembrokeshire Coast National Park, with overall numbers increasing from around 700 in 2006 to 900 by 2031.
- Households in Pembrokeshire Coast National Park containing 4 or 5 persons (with at least 2 adults and children) are all projected to decrease by over 45 per cent by 2031.
- Households containing 2 adults and 1 child are also projected to fall during the projection period, decreasing by nearly a quarter.

## Projected Households by Type – Snowdonia National Park

**Table 6: Projected households by type, 2006-2031, Snowdonia NPA**

*thousands and per cent*

	2006	2011	2016	2021	2026	2031	Percentage change, 2006 to 2031
1 person	4.0	4.3	4.6	4.9	5.0	5.1	29
2 person (no children)	4.2	4.4	4.6	4.6	4.5	4.4	7
2 person (1 adult, 1 child)	0.3	0.4	0.4	0.4	0.5	0.5	58
3 person (no children)	0.7	0.7	0.7	0.6	0.6	0.5	-29
3 person (2 adults, 1 child)	0.6	0.6	0.6	0.6	0.6	0.6	-2
3 person (1 adult, 2 children)	0.2	0.2	0.2	0.2	0.3	0.3	40
4 person (no children)	0.2	0.2	0.2	0.2	0.2	0.1	-31
4 person (2+ adults, 1+ children)	0.9	0.8	0.7	0.6	0.6	0.6	-32
4 person (1 adult, 3 children)	0.1	0.1	0.1	0.1	0.1	0.1	30
5+ person (no children)	0.0	0.0	0.0	0.0	0.0	0.0	-43
5+ person (2+ adults, 1+ children)	0.6	0.5	0.4	0.3	0.3	0.3	-50
5+ person (1 adult, 4+ children)	0.0	0.0	0.0	0.0	0.0	0.0	45
All Household Types	11.7	12.2	12.5	12.7	12.7	12.6	7

Table 6 shows that:

- 1 person households are projected to become the most common household type in Snowdonia National Park from 2021 onwards.
- Overall 1 and 2 person households (with no children) are expected to make up three quarters of all households by 2031.
- Single parent household types are projected to show the largest percentage increases in Snowdonia National Park, with overall numbers increasing from around 600 in 2006, to 900 by 2031.
- Households containing 5 or more persons (with 2 or more adults plus children) are projected to show the largest percentage decrease, falling by 50 per cent to around 300.

## **Quality Information**

### **Data Source**

Household projections provide estimates of the future number of households, and are based on assumptions about future population growth and household composition and size. The assumptions are based on past trends and the projections only indicate what may happen, should recent trends continue. Projections done in this way do not make allowances for the effects of local or central government policies or socio-economic factors on household formation rates or future population levels.

Household projections are based on population projections which are themselves based on assumptions about future births, deaths and migration. As a result they provide an indication of future demand for household spaces as a result of population growth.

### **Definitions**

The projected numbers of households and average household size are for 30 June each year.

### **Base Population**

The 2006-based population projections for National Parks have been used as the base population for these household projections. These in turn are based on mid-year population estimates for 2006 (as published prior to the June 2010 revisions to historic population estimates). Further information on the 2006-based National Park Population Projections is available at:

<http://wales.gov.uk/topics/statistics/theme/population/pop-project/parks/?lang=en>

### **Dwelling**

A dwelling can consist of one household space (an unshared dwelling) or two or more household spaces (a shared dwelling). As a result, a house may contain more than one household.

### **Household**

A household comprises one person living alone, or a group of people (not necessarily related) living at the same address with common housekeeping - that is, sharing either a living room or sitting room or at least one meal a day. A household is not the same as a house or dwelling. The definition of a dwelling is given above.

### **Geographies and Boundaries**

The household projections are for National Park authority areas within Wales, which are based on the boundaries used for the 2006-based population projections for National Parks. Some of the historical data used to produce the assumed membership rates are based on different boundaries, due to changes in census geography. The 2001 census data used were aggregated for National Park areas using output areas (OAs) used during the 2001 census. The 1991 census data used were aggregated using enumeration districts (EDs) used during the 1991 census. Due to differences in the relative sizes of OAs and EDs the geographies used to create the initial membership rates for 1991 and 2001 are not completely consistent but are considered to be the most appropriate for this purpose.



## **Frequency**

It is anticipated that the National Park population projections on which the household projections are based, will be updated every two years (as with the national projections). It is hoped that the household projections will be published on the same basis.

## **Revisions**

The 2006-based household projections are not subject to planned revisions.

## **Symbols**

The following symbol has been used throughout the publication:

'-' less than half the final digit shown.