

Arsyllfa Wledig Cymru
Wales Rural Observatory

## Statistical Report on Rural Wales: Volume 1

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## 1. INTRODUCTION

1.1 A key aspect of the Observatory work is to identify a series of indicators or data sources that can be assembled and managed in a G IS database on rural issues in Wales. This first Statistical Report on Rural Wales represents the first stages in this process and presents baseline key statistics for all areas of Wales with a particular focus, within the accompanying commentary, on rural trends and issues. The main focus of this initial analysis has been concerned with the emerging 2001 UK Census results which form the basis for many, though not all, of the maps presented here. The GIS team of the Wales Observatory are now supplementing this initial background work with more detailed analysis of particular aspects of rural life, for example the rural economy and rural housing. In addition, the team is analysing change that has occurred between the 1991 and 2001 Censuses, and compiling survey data collected during the first year of the Observatory project within the GIS environment. This more detailed analysis shall appear in subsequent documents in this series of Statistical Reports.
1.2 A theme-based approach has been adopted in preparing this initial analysis of key data-sets for rural Wales, concentrating on a number of key areas, or themes, of rural life, that include;

- Economy and Employment
- Housing and Service Provision
- Social Exclusion and Inclusion
- Society and Community
- Environment, Sustainability and Land-use

The report is structured around these key themes and presents map and tabular analysis for variables that contribute to our knowledge of rural Wales within these broad areas.
1.3 Hill (2002) identifies four issues that need to be addressed if an effective system of rural data collection is to be implemented;

- Coverage of rural statistics: determining what aspects of rural areas should be covered by rural statistics, what are the appropriate indicators for each and what data are needed,
- Finding what data exists who are its owners, and how is access possible: Comparing this with what is needed should give an idea of where data gaps exist,
- Choice of basic geographic unit and the classification of these units into rural and non-rural,
- Data acquisition and management: establishing a system of rural data, or statistics, collection bringing data together from across different organisations.
(adapted from Hill, 2002)
1.4 This report is particularly concerned with the final area identified by Hill - the data acquisition, management and presentation of the data gathered thus far. Previous output from the Wales Rural Observatory has detailed efforts to determine what data exists and the appropriate use of geographic units and which areas are urban or rural. Finding out what data is out there and how we might access it is an on-going task for the Observatory and the following report should not be viewed as a complete picture of statistical evidence for rural Wales but
merely a first step in moving towards a consistent, up-to-date rural evidence base. This will be an on-going process and this report should be viewed as the first in a series to be produced by the Observatory that will seek to broaden our knowledge of rural Wales.
1.5 The methodology used in the analyses is, at this stage, quite straightforward relying on counts and proportions of indicators of key rural issues, divided into quintiles. The aim has been to produce, so far as possible, answers to such questions as: which parts of rural Wales are changing most rapidly?, what are the chief demographic characteristics of rural areas? and how many people are unemployed or have low incomes in rural locations? The map analysis allows for comparison between different areas within rural Wales, and between rural areas and urban or valley localities in Wales. This is a crucial element in allowing an accurate assessment of the characteristics of rural areas of Wales vis a vis other parts of the country.
1.6 The methodology adopted for the production of this, and subsequent, reports is built around a GIS methodology for the management and presentation of data on rural Wales. Where possible the 2001 Census Ward unit has been used as the geographic unit of analysis, for some datasets, however, it has been necessary to employ alternative boundaries, for example 1998 Electoral Divisions or Welsh Agricultural Units.
1.7 The report is divided into the themes outlined in 1.2 above and features mapbased analysis and tabular analysis for each theme together with commentary on the main trends and patterns highlighted in the data analysis.


## 2. THE RURAL POPULATION OF WALES

2.1 The nature of the rural population of Wales is of key importance when assessing the various maps included in this report. The reader should consider the relative population density of the unitary authorities in Wales which will obviously have implications for the ward-based map analysis - in rural areas wards will have lower populations and hence fewer people are affected in terms of the various variables examined. This is controlled for in one sense by the use of proportions or percentages but it is worthwhile at this stage to assess the relative share of the population in various categories of Unitary Authorities in Wales. For the purposes of ease of analysis UA's in Wales can be characterised as Rural (9 authorities), Other (a mixture of rural and urban - 4 authorities), Valleys (6 authorities), and Urban (3 authorities). Table 1.1 displays the distribution of the Welsh population in Unitary Authorities based on population density within those authorities (sparse, medium and dense) and shows that $44 \%$ of the population in rural authorities are in sparse localities. Indeed, most of the rural authorities are characterised by large proportions of their population in sparsely population density or medium population density localities.

Table 1: Distribution of Population by Density (Alphabetical by UA Category)

|  |  | Persons | Share of population by density group |  |  | Persons |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | (=100\%) | Sparse | Medium | Dense | $\begin{gathered} \text { per sq } \\ \mathrm{km} \end{gathered}$ |
| Carmarthenshire | R | 173,000 | 43\% | 43\% | 14\% | 70 |
| Ceredigion | R | 75,000 | 59\% | 26\% | 15\% | 40 |
| Conwy | R | 110,000 | 15\% | 58\% | 28\% | 100 |
| Denbighshire | R | 93,000 | 26\% | 32\% | 42\% | 110 |
| Gwynedd | R | 117,000 | 54\% | 33\% | 13\% | 50 |
| Isle of Anglesey | R | 67,000 | 52\% | 35\% | 13\% | 90 |
| Monmouthshire | R | 85,000 | 32\% | 39\% | 29\% | 100 |
| Pembrokeshire | R | 114,000 | 47\% | 39\% | 14\% | 70 |
| Powys | R | 126,000 | 69\% | 29\% | 3\% | 20 |
| Blaenau Gwent | V | 70,000 | - | 93\% | 7\% | 640 |
| Bridgend | V | 129,000 | 3\% | 60\% | 37\% | 510 |
| Caerphilly | V | 170,000 | 2\% | 67\% | $31 \%$ | 610 |
| Merthyr Tydfil | V | 56,000 | 6\% | 68\% | 26\% | 500 |
| Neath Port Talbot | V | 134,000 | 16\% | 53\% | 31\% | 300 |
| Rhondda Cynon Taff | V | 232,000 | 1\% | 89\% | 10\% | 550 |
| Cardiff | U | 305,000 | - | 9\% | 91\% | 2,180 |
| Newport | U | 137,000 | 8\% | 28\% | 63\% | 720 |
| Swansea | U | 223,000 | 2\% | 42\% | 56\% | 590 |
| Flintshire | X | 149,000 | 12\% | 64\% | 24\% | 340 |
| Torfaen | X | 91,000 | - | 58\% | 42\% | 720 |
| Vale of Glamorgan | X | 119,000 | 19\% | 27\% | 54\% | 360 |
| Wrexham | X | 128,000 | 17\% | 42\% | 42\% | 260 |
| Wales |  | 2,903,000 | 18\% | 46\% | 36\% | 140 |
| Rural | R | 959,000 | 44\% | 38\% | 18\% | 60 |
| Valleys | V | 791,000 | 4\% | 72\% | 23\% | 490 |
| Urban | U | 666,000 | 2\% | 24\% | 73\% | 940 |
| Others | X | 487,000 | 13\% | 48\% | 39\% | 350 |
|  |  |  |  |  |  |  |

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright) Density groups defined at the electoral division level

Sparse: less than 150 persons per sq km
Medium: between 150 and 1500 persons per sq km
Dense: more than 1500 persons per sq km
Source : Statistical Directorate, Welsh Assembly Government (July 2003)

## 2. Map Analysis

## Theme 1 - Economy and Employment

## Map 1-\% of Economically Active who are Unemployed (2001 Census data - ward level)

Map 1 shows the concentrations at ward level of unemployment at the time of the 2001 Census at the ward level. In terms of rural Wales, the largest concentrations of unemployment (the top two quintiles) are seen in 'pockets' of wards in parts of Gwynedd, Ceredigion, Pembrokeshire and, most visibly, the Isle of Anglesey. Clearly there are many communities in the western periphery of rural Wales, as well as small pockets in rural Powys, experiencing problems of high unemployment (i.e. More than 6\% in 2001). Anglesey is particularly noticeable in term of the concentration of high unemployment across the UA, but this is clearly a problem for large areas of rural Wales.

## Map 2-\% of Total Population E conomically Active (2001 Census data ward level)

Economic Activity levels are clearly high in large parts of rural Powys, Denbighshire, Conwy, Wrexham and Monmouthshire as shown in Map 2. This trend does drop off somewhat in terms of the peripheral rural localities of G wynedd, Pembrokeshire and Ceredigion where Economic activity tends to be below $65 \%$ of the population.

## Map 3-\% of Population who have never worked and the long term unemployed (2001 Census data - ward level)

Map 3 shows the long term unemployed and those who have never worked and highlights very well that this is not a problem constrained to the Valley communities. Large areas of Gwynedd, Ceredigion, Pembrokeshire and, especially, the Isle of Anglesey have real problems of long term unemployment (above 3.5\%)

Maps 4-11 display the breakdown of standard occupational classifications from the 2001 UK Census at the ward level in Wales. A number of trends emerge from the maps in relation to rural Wales. Probably the most striking concentration spatially in rural Wales is the 'Small Employers and Own Account Workers' (Map 7) category which clearly favours the area defined as rural Wales. O ne might expect such a pattern given the influence of agricultural businesses in the area and the proliferation of small businesses and 'own account workers' in rural Wales - an area that is being explored in more detail by the Wales Rural Observatory through a survey of 8000 small businesses in rural Wales. Other maps of interest in terms of rural Wales are those relating to managerial and
professional occupations which tend to be concentrated in rural Monmouthshire, rural parts of Flintshire and Wrexham, the Vale of Glamorgan, southern parts of Powys, the Aberystwyth locality, the Caernarfon locality, and in the south Pembrokeshire region. In general terms a definite trend emerges in terms of managerial and professional occupations and small business activity in rural Wales with a relatively low 'routine' or 'technical' employment base in this area (maps 4-11)

## Map 12 - \% of Population claiming Income Support - 1999 data (ONS) on 1998 Electoral Divisions

Map 12 shows income support claimants for 1999 on a 1998 population base used for the WAG Index of Multiple Deprivation. Clearly distinct pockets of high levels of claimants exist in urban centres of rural Wales and, more generally (the top three quintiles) in western parts of rural Wales - Ceredigion, G wynedd, Pembrokeshire and Isle of Anglesey.

## Map 13 - Modelled Gross Income - ON S data for 1998

Map 13 displays modelled gross income levels for Welsh Electoral Divisions (1998) based on 1999 data. In terms of rural Wales there is a clear East-West split with border areas of Powys, Monmouthshire, Wrexham, Flintshire and Vale of Glamorgan having higher gross income levels on average than those in West Wales, particularly G wynedd, Anglesey, Ceredigion and parts of Carmarthenshire. Pembrokeshire is something of an anomaly in this respect, perhaps due, in part, to the influence of the oil and tourism industries in this region.

Table ECON 1: Child Benefit Claimants by Unitary Authority Sept. 2000.

|  | Numbers, Child Benefit claimants, Total children, September 2000 | Numbers, Child Benefit claimants, Children aged under 5, September 2000 | Numbers, Child <br> Benefit claimants, Families with one child, September 2000 | Numbers, Child <br> Benefit claimants, Families with two children, September 2000 | Numbers, Child <br> Benefit claimants, Families with three children, September 2000 | Numbers, Child <br> Benefit claimants, Families with four or more children, September 2000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Isle of Anglesey | 14495 | 3500 | 3320 | 3080 | 1115 | 385 |
| G wynedd | 23960 | 6090 | 5330 | 4950 | 1895 | 710 |
| Conwy | 22985 | 5580 | 5300 | 4875 | 1755 | 610 |
| D enbighshire | 19970 | 4785 | 4615 | 4215 | 1480 | 575 |
| Powys | 26380 | 6445 | 5800 | 5855 | 2085 | 615 |
| Ceredigion | 13035 | 3025 | 2840 | 2825 | 990 | 365 |
| Pembrokeshire | 25495 | 6080 | 5855 | 5480 | 1940 | 670 |
| Carmarthenshire | 36170 | 8740 | 8880 | 7990 | 2635 | 790 |
| Monmouthshire | 18640 | 4400 | 4260 | 4325 | 1400 | 360 |
| Rural Total | 201130 | 48645 | 46200 | 43595 | 15295 | 5080 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Flintshire | 33970 | 8540 | 7925 | 7575 | 2485 | 790 |
| Wrexham | 27925 | 7070 | 6985 | 6190 | 1990 | 600 |
| $\begin{aligned} & \text { The Vale of } \\ & \text { Glamorgan } \end{aligned}$ | 28220 | 6815 | 6455 | 6285 | 2160 | 640 |
| Other Total | 90115 | 22425 | 21365 | 20050 | 6635 | 2030 |
|  |  |  |  |  |  |  |
| Swansea | 48580 | 11945 | 12050 | 10690 | 3455 | 1110 |
| Neath Port Talbot | 29865 | 7190 | 7900 | 6825 | 1955 | 570 |
| Bridgend | 29875 | 7500 | 7720 | 6795 | 2050 | 570 |
| Rhondda Cynon Taff | 53425 | 13340 | 13875 | 11720 | 3780 | 1110 |
| Merthyr Tydfil | 14130 | 3360 | 3765 | 3010 | 965 | 345 |
| Caerphilly | 40755 | 10300 | 10445 | 8975 | 2910 | 850 |
| Blaenau G went | 16220 | 3875 | 4285 | 3625 | 1065 | 345 |
| Torfaen | 21925 | 5425 | 5475 | 4770 | 1545 | 525 |
| Newport | 33500 | 8420 | 7750 | 7030 | 2495 | 965 |
| Cardiff | 69640 | 18025 | 15665 | 14375 | 5315 | 2110 |
| Urban Total | 357915 | 89380 | 88930 | 77815 | 25535 | 8500 |
|  |  |  |  |  |  |  |
| Wales Total | 649160 | 160450 | 156495 | 141460 | 47465 | 15610 |

Source : Office of National Statistics
Table ECO N1 displays child benefit claimant levels across Welsh Unitary Authorities broken down by number of dependent children and into groups of UAs - rural, other and urban.

Table ECON2 : Unemployed persons aged 16-74 (Ranked by the average share for all Electoral Divisions)


Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)

Table ECON2 displays the percentage of unemployed persons aged 16-74 (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km .). Apart from the valley authorities, rural authorities have the highest incidence of
unemployment (although this is marginal) and Gwynedd and Anglesey have the highest proportions of all rural authorities.

Table ECON3 : Unemployed persons 16-24 (Ranked by the average share for all Electoral Divisions)

|  |  |  | Share of unemployed persons aged 16 to 74 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Value | All | Sparse | Medium | Dense |
| Isle of Anglesey | R | - | 22.0\% | 21.9\% | 20.1\% | 25.2\% |
| Powys | R | 1,000 | 22.1\% | 20.6\% | 23.8\% | 37.5\% |
| Conwy | R | 1,000 | 23.0\% | 21.5\% | 23.3\% | 23.0\% |
| Gwynedd | R | 1,000 | 23.8\% | 21.7\% | 26.1\% | 25.1\% |
| Ceredigion | R | - | 25.3\% | 23.2\% | 28.6\% | 27.1\% |
| Pembrokeshire | R | 1,000 | 25.7\% | 23.1\% | 26.3\% | 29.2\% |
| Cardiff | U | 2,000 | 28.0\% | - | 27.5\% | 28.1\% |
| Denbighshire | R | 1,000 | 28.5\% | 24.7\% | 25.2\% | 31.6\% |
| Swansea | U | 2,000 | 28.8\% | 16.8\% | 29.9\% | 28.4\% |
| Vale of Glamorgan | X | 1,000 | 28.8\% | 23.9\% | 31.0\% | 28.9\% |
| Carmarthenshire | R | 1,000 | 29.0\% | 26.4\% | $32.1 \%$ | 26.7\% |
| Newport | U | 1,000 | 29.6\% | 23.9\% | 27.5\% | 30.7\% |
| Flintshire | X | 1,000 | 29.9\% | 24.5\% | 29.4\% | 32.7\% |
| Monmouthshire | R | - | 30.2\% | 27.6\% | 28.5\% | 34.0\% |
| Blaenau Gwent | V | 1,000 | 31.3\% | - | 31.6\% | 28.0\% |
| Torfaen | X | 1,000 | 31.8\% | - | 32.3\% | 31.2\% |
| Bridgend | V | 1,000 | 32.0\% | 40.0\% | 32.9\% | 30.0\% |
| Neath Port Talbot | V | 1,000 | 32.7\% | 27.0\% | 32.1\% | 37.1\% |
| Wrexham | X | 1,000 | 33.1\% | 24.9\% | 32.5\% | 35.7\% |
| Caerphilly | V | 1,000 | 33.7\% | 38.0\% | 33.4\% | 34.2\% |
| Rhondda Cynon Taff | V | 2,000 | 34.7\% | 16.3\% | 34.4\% | 38.3\% |
| Merthyr Tydfil | V | 1,000 | 34.8\% | 24.8\% | 33.8\% | 39.3\% |
|  |  |  |  |  |  |  |
| Wales |  | 21,000 | 29.3\% | 23.6\% | 30.5\% | 30.3\% |
| Rural | R | 6,000 | 25.5\% | 23.1\% | 26.4\% | 28.2\% |
| Urban | U | 5,000 | 28.6\% | 21.6\% | 29.0\% | 28.7\% |
| Others | X | 3,000 | 30.9\% | 24.4\% | 31.1\% | 31.9\% |
| Valleys | V | 7,000 | 33.4\% | 28.3\% | 33.3\% | 34.6\% |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)

Table ECON3 displays the percentage of unemployed persons aged 16-24 (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km. .).

Rural areas have a relatively low share of this indicator across the various population density categories.

Table ECON4 : Persons aged 16-74 with no recognised qualifications (Ranked by the average share for all Electoral Divisions)

|  |  |  | Share of persons aged 16 to 74 |  |  |  |  |
| :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: |
|  |  | Value | All |  | Sparse | Medium | Dense |
| Ceredigion | R | 14,000 | $25.0 \%$ | $28.5 \%$ |  | $23.4 \%$ | $14.9 \%$ |
| Vale of Glamorgan | X | 22,000 | $26.2 \%$ |  | $20.4 \%$ |  | $23.2 \%$ |

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)

Table ECON4 displays the percentage of persons with no recognised qualification (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km ., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km .). Rural areas have a relatively low share of this indicator across the various population density categories, although higher than the share for urban authorities.

Table ECON5: Percentage of population in occupation types in 2001 by unitary authority

| Unitary Authority | Category | Agri | Manuf | Const | Retail | Hotels \& Catering | Logist | Finance | Real Estate | Public Admin | Educ |  <br> Social <br> Services | Other |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flintshire | Other | 1.5\% | 25.6\% | 6.6\% | 17.0\% | 4.8\% | 5.2\% | 4.2\% | 8.9\% | 5.3\% | 6.4\% | 9.4\% | 3.8\% |
| The Vale of Glamorgan |  | 1.0\% | 12.6\% | 6.3\% | 15.4\% | 4.8\% | 6.7\% | 4.9\% | 10.8\% | 8.9\% | 8.6\% | 12.9\% | 5.3\% |
| Wrexham |  | 2.1\% | 25.5\% | 6.3\% | 16.1\% | 4.5\% | 5.1\% | 2.9\% | 8.1\% | 4.5\% | 7.0\% | 12.7\% | 3.9\% |
| Carmarthenshire | Rural | 5.4\% | 13.6\% | 7.5\% | 17.3\% | 4.8\% | 5.3\% | 2.3\% | 6.5\% | 8.4\% | 8.5\% | 14.7\% | 4.4\% |
| Ceredigion |  | 8.5\% | 7.8\% | 7.9\% | 16.8\% | 7.9\% | 4.3\% | 1.5\% | 8.0\% | 6.2\% | 12.4\% | 11.8\% | 6.0\% |
| Conwy |  | 3.2\% | 9.8\% | 8.0\% | 18.5\% | 9.5\% | 4.9\% | 2.3\% | 8.1\% | 5.6\% | 7.9\% | 15.8\% | 5.0\% |
| Denbighshire |  | 3.5\% | 14.0\% | 7.8\% | 16.4\% | 6.5\% | 4.8\% | 2.2\% | 8.2\% | 5.2\% | 7.6\% | 17.1\% | 5.5\% |
| Gwynedd |  | 4.7\% | 9.5\% | 8.5\% | 16.0\% | 9.3\% | 4.9\% | 1.6\% | 6.8\% | 6.0\% | 10.1\% | 13.5\% | 6.8\% |
| Isle of Anglesey |  | 4.0\% | 13.7\% | 8.4\% | 14.9\% | 5.9\% | 6.3\% | 1.7\% | 7.2\% | 7.6\% | 9.4\% | 13.2\% | 4.4\% |
| Monmouthshire |  | 3.9\% | 15.6\% | 6.1\% | 16.9\% | 5.2\% | 6.6\% | 3.2\% | 10.6\% | 5.6\% | 8.5\% | 12.6\% | 4.5\% |
| Pembrokeshire |  | 6.6\% | 10.8\% | 8.9\% | 17.4\% | 7.5\% | 6.0\% | 1.6\% | 7.0\% | 7.2\% | 7.9\% | 12.0\% | 5.7\% |
| Powys |  | $\begin{gathered} 10.7 \\ \% \end{gathered}$ | 14.4\% | 8.0\% | 15.7\% | 5.7\% | 4.3\% | 1.5\% | 8.3\% | 5.9\% | 7.9\% | 11.9\% | 4.6\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  | 1.5\% | 21.7\% | 6.4\% | 16.2\% | 4.7\% | 5.6\% | 4.0\% | 9.2\% | 6.1\% | 7.2\% | 11.5\% | 4.3\% |
| Rural |  | 5.8\% | 12.3\% | 7.9\% | 16.7\% | 6.8\% | 5.2\% | 2.0\% | 7.8\% | 6.5\% | 8.7\% | 13.7\% | 5.2\% |
| Urban |  | 0.5\% | 12.9\% | 5.7\% | 16.8\% | 5.5\% | 6.4\% | 5.1\% | 10.3\% | 7.6\% | 9.0\% | 13.4\% | 5.5\% |
| Valley |  | 0.6\% | 24.5\% | 7.6\% | 15.5\% | 4.0\% | 5.0\% | 3.0\% | 7.6\% | 6.9\% | 7.2\% | 12.7\% | 4.2\% |
| Wales |  | 2.4\% | 17.4\% | 7.1\% | 16.3\% | 5.4\% | 5.5\% | 3.3\% | 8.5\% | 6.8\% | 8.1\% | 13.0\% | 4.8\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Source: Census of Population
2001
Table ECON 5 displays the percentage of population in different occupation types in 2001 at UA level. This clearly shows the importance of agriculture in rural authorities and significant levels of construction, hotels and catering, and health and social services occupations compared to urban and valley Unitary Authorities.

Table ECON6 : Average Annual Household Income in 2003 by unitary authority


Table ECON6 displays average household income by Unitary Authority and shows that many rural authorities have lower than average income levels with a rural average of $£ 24,065$ in 2003 compared to the Wales average of $£ 25,102$ (CACI Paycheck data 2003).

Table ECON7 : Percentage NSC social class classifications in 2001 by unitary authority

| Unitary Authority | Category | $\begin{aligned} & \text { Large } \\ & \text { emp } \end{aligned}$ | High prof | $\begin{aligned} & \text { Lower } \\ & \text { man/prof } \end{aligned}$ | Intermed | $\begin{aligned} & \text { Small } \\ & \text { employ } \end{aligned}$ | $\begin{gathered} \text { Lower } \\ \text { supervisory } \end{gathered}$ | Semi routine | Routine | $\begin{gathered} \text { Never } \\ \text { worked } \end{gathered}$ | Long unemp | Student | NC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flintshire | Other | 3\% | 4\% | 17\% | 9\% | 6\% | 11\% | 14\% | 11\% | 2\% | 1\% | 5\% | 19\% |
| The Vale of Glamorgan |  | 3\% | 5\% | 21\% | 10\% | 6\% | 8\% | 11\% | 7\% | 2\% | 1\% | 6\% | 19\% |
| Wrexham |  | 2\% | 3\% | 16\% | 8\% | 6\% | 9\% | 15\% | 11\% | 2\% | 1\% | 6\% | 20\% |
| Carmarthenshire | Rural | 2\% | 3\% | 15\% | 8\% | 10\% | 7\% | 12\% | 9\% | 3\% | 1\% | 6\% | 24\% |
| Ceredigion |  | 1\% | 5\% | 14\% | 6\% | 13\% | 5\% | 9\% | 7\% | 2\% | 1\% | 16\% | 20\% |
| Conwy |  | 2\% | 3\% | 16\% | 7\% | 10\% | 7\% | 13\% | 9\% | 2\% | 1\% | 6\% | 24\% |
| Denbighshire |  | 2\% | 3\% | 16\% | 8\% | 9\% | 8\% | 13\% | 10\% | 2\% | 1\% | 5\% | 23\% |
| Gwynedd |  | 1\% | 3\% | 15\% | 6\% | 11\% | 7\% | 12\% | 9\% | 2\% | 2\% | 9\% | 22\% |
| Isle of Anglesey |  | 2\% | 4\% | 15\% | 7\% | 9\% | 8\% | 13\% | 10\% | 3\% | 2\% | 5\% | 24\% |
| Monmouthshire |  | 4\% | 6\% | 20\% | 8\% | 9\% | 7\% | 10\% | 8\% | 2\% | 1\% | 6\% | 20\% |
| Pembrokeshire |  | 1\% | 3\% | 15\% | 7\% | 12\% | 8\% | 12\% | 9\% | 3\% | 1\% | 5\% | 24\% |
| Powys |  | 2\% | 4\% | 16\% | 7\% | 16\% | 7\% | 12\% | 9\% | 2\% | 1\% | 5\% | 20\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  | 3\% | 4\% | 18\% | 9\% | 6\% | 9\% | 13\% | 10\% | 2\% | 1\% | 6\% | 19\% |
| Rural |  | 2\% | 4\% | 16\% | 7\% | 11\% | 7\% | 12\% | 9\% | 2\% | 1\% | 7\% | 22\% |
| Urban |  | 3\% | 5\% | 18\% | 9\% | 5\% | 7\% | 11\% | 8\% | 3\% | 1\% | 11\% | 19\% |
| Valley |  | 2\% | 3\% | 14\% | 8\% | 5\% | 9\% | 13\% | 12\% | 3\% | 1\% | 6\% | 25\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wales |  | 2\% | 4\% | 16\% | 8\% | 7\% | 8\% | 12\% | 10\% | 3\% | 1\% | 7\% | 22\% |
| Source: Census of Population 2001 |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table ECON7 displays the proportion of population in different social groups in Unitary Authorities with rural and 'other' UAs compared to the totals for Urban and Valley UAs. The most striking feature of this table is the high proportion of population in the 'small employers' category ( $11 \%$ for all rural UAs) supporting the evidence from the map analysis above.

## Theme 2 - Environment, Sustainability and Land Use

## Map 14 - Protected Areas in Wales - CCW data

Map 14 displays CCW data from 2000 on protected areas in Wales. This map gives some indication of areas that have some, variable, legislative protection from new development. The map includes Heritage Coast areas, National Nature Reserves, Sites of Special Scientific Interest, A reas of O utstanding Natural Beauty and National Parks.

Maps 15-17 show concentrations of various livestock at Welsh agricultural units. Data is at year 2000 level but will need updating subsequently. The maps are a useful visual tool in displaying the distribution of different livestock farming across rural Wales.

Table ENV1: Commercial Floor space with Premises 2000

|  | Retail <br> Total <br> Number | Retail <br> Total <br> Area | Retail <br> Total <br> Rateable <br> Value | Retail <br> Average <br> Rateable <br> Value | All bulk Total Number | All bulk <br> Total <br> Area | All bulk <br> Total <br> Rateable <br> Value | All bulk <br> Average <br> Rateable <br> Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Isle of Anglesey | 212 | 17 | 667 | 39 | 286 | 32 | 827 | 26 |
| Gwynedd | 534 | 41 | 1644 | 40 | 683 | 74 | 2086 | 28 |
| Conwy | 268 | 26 | 1224 | 47 | 328 | 43 | 1448 | 34 |
| D enbighshire | 257 | 24 | 1173 | 49 | 347 | 52 | 1456 | 28 |
| Monmouthshire | 123 | 10 | 712 | 69 | 157 | 15 | 843 | 56 |
| Powys | 429 | 33 | 1434 | 43 | 665 | 82 | 2167 | 26 |
| Ceredigion | 280 | 25 | 1331 | 54 | 358 | 35 | 1548 | 44 |
| Pembrokeshire | 390 | 29 | 1413 | 49 | 501 | 45 | 1698 | 38 |
| Carmarthenshire | 464 | 33 | 1171 | 36 | 621 | 68 | 1773 | 26 |
| Rural Total | 2957 | 238 | 10769 | 47 | 3946 | 446 | 13846 | 34 |
|  |  |  |  |  |  |  |  |  |
| Flintshire | 206 | 17 | 832 | 49 | 292 | 37 | 1109 | 30 |
| Wrexham | 181 | 11 | 481 | 43 | 261 | 80 | 1046 | 13 |
| The Vale of Glamorgan | 143 | 11 | 519 | 48 | 177 | 16 | 726 | 44 |
| O ther Total | 530 | 39 | 1832 | 47 | 730 | 133 | 2881 | 29 |
|  |  |  |  |  |  |  |  |  |
| Swansea | 444 | 30 | 1707 | 57 | 499 | 49 | 2315 | 47 |
| Neath Port Talbot | 224 | 14 | 479 | 35 | 252 | 18 | 554 | 32 |
| Bridgend | 178 | 11 | 534 | 49 | 212 | 18 | 721 | 41 |
| Rhondda Cynon Taff | 421 | 27 | 1020 | 37 | 495 | 45 | 1499 | 33 |
| Merthyr Tydfil | 105 | 6 | 235 | 38 | 121 | 15 | 373 | 26 |
| Caerphilly | 294 | 17 | 624 | 37 | 324 | 22 | 756 | 34 |
| Blaenau G went | 140 | 7 | 224 | 30 | 146 | 10 | 254 | 24 |
| Torfaen | 94 | 5 | 176 | 33 | 108 | 8 | 212 | 25 |
| Newport | 173 | 13 | 540 | 43 | 203 | 28 | 699 | 25 |
| Cardiff | 445 | 32 | 2194 | 69 | 516 | 85 | 4258 | 50 |
| Urban Total | 2518 | 162 | 7733 | 43 | 2876 | 298 | 11641 | 34 |
|  |  |  |  |  |  |  |  |  |
| Wales Total | 6005 | 439 | 20334 | 46 | 7552 | 877 | 28368 | 32 |

Source : Office of National Statistics
Table ENV1 displays commercial floor space with Dwelling Premises levels in Welsh Unitary Authorities in 2000. This variable tends to pick out smaller retail concerns with dwelling premises attached and, therefore, rural authorities tend to have larger numbers of these types of activity - due to the dispersed settlement patterns and proliferation of small retail outlets.

## Theme 3 - Social Exclusion and Inclusion

## Map 18 - Townsend Deprivation Index (2001 Census data - ward level)

Map 18 displays the Townsend Deprivation index for 2001 Wards in Wales (a common deprivation index employed since 1981 in England and Wales based on \% Households with no car, \% non owner-occupiers, and \% Households lacking amenities and \% unemployed). The Index has a well-recognised urban-bias but still picks out 'pockets' of deprivation across rural Wales denoted by the top two quintiles on Map 18.

## Map 19 - \% Lone Parent Households with Dependent Children (2001 Census data - ward level)

Map 19 displays single parent households with dependent children and although an urban or 'valley' concentration is evident there are several pockets of high concentration within this indicator in parts of rural Wales, particularly in the south-west and north-west of Wales.

Maps 20-23 display the car ownership variables from the 2001 Census at ward level in Wales. Car Ownership has often been used as a proxy for income in the absence of a question on income in the UK census. In rural, or remote areas, this tends to break down somewhat as car ownership is more of a necessity than a luxury. In these localities it is often more illuminating to examine households with less than two cars as this may disadvantage household members in terms of access to private transport for large parts of a working week. Maps 20-23 display the dynamics of car ownership from the Census data in detail across Wales (rural or otherwise).

Table EXCLUSION 1- Qualification levels in Welsh Unitary Authorities 2001

|  | $\begin{aligned} & \hline \text { ALL } \\ & \text { PEOPLE } \end{aligned}$ | No qualificati ons (\%) | Level 1 <br> (\%) | Level 2 <br> (\%) | Level 3 <br> (\%) | Level 4/ 5 <br> (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Isle of Anglesey | 47971 | 31.85 | 15.22 | 21.16 | 6.20 | 18.04 |
| G wynedd | 83690 | 30.07 | 14.29 | 20.74 | 8.74 | 19.63 |
| Conwy | 76704 | 31.83 | 15.53 | 21.14 | 6.17 | 17.58 |
| D enbighshire | 65203 | 31.36 | 16.39 | 21.68 | 5.94 | 17.39 |
| Powys | 89686 | 31.36 | 15.74 | 20.83 | 6.11 | 18.49 |
| Ceredigion | 55456 | 24.99 | 12.50 | 19.93 | 14.78 | 21.74 |
| Pembrokeshire | 80763 | 31.11 | 16.01 | 22.15 | 6.01 | 16.99 |
| Carmarthenshire | 122863 | 34.04 | 14.91 | 20.63 | 5.90 | 17.24 |
| Monmouthshire | 60791 | 26.34 | 15.44 | 20.50 | 6.46 | 24.41 |
| Rural Totals | 683127 | 30.78 | 15.16 | 20.98 | 7.12 | 18.78 |
|  |  |  |  |  |  |  |
| The Vale of Glamorgan | 83905 | 26.18 | 15.50 | 21.91 | 7.46 | 21.14 |
| Flintshire | 107933 | 29.31 | 18.96 | 22.15 | 6.49 | 15.66 |
| Wrexham | 93268 | 33.25 | 16.51 | 20.77 | 6.54 | 15.90 |
| O ther Totals | 285106 | 29.68 | 17.14 | 21.63 | 6.79 | 17.35 |
|  |  |  |  |  |  |  |
| Swansea | 161414 | 30.51 | 14.50 | 20.02 | 8.84 | 18.95 |
| Neath Port Talbot | 96223 | 39.04 | 16.50 | 18.46 | 5.16 | 12.86 |
| Bridgend | 92413 | 36.40 | 15.66 | 18.68 | 5.41 | 15.68 |
| Rhondda Cynon Taff | 165822 | 40.51 | 15.09 | 17.69 | 6.08 | 12.97 |
| Merthyr Tydfil | 39789 | 43.90 | 15.38 | 17.06 | 4.60 | 11.62 |
| Caerphilly | 121174 | 39.78 | 16.65 | 18.82 | 5.23 | 12.09 |
| Blaenau G went | 49471 | 45.02 | 17.41 | 17.44 | 4.15 | 9.33 |
| Torfaen | 64541 | 36.65 | 17.01 | 20.12 | 5.16 | 13.56 |
| Newport | 95912 | 33.58 | 16.31 | 19.86 | 6.05 | 16.80 |
| Cardiff | 220355 | 26.80 | 12.81 | 17.54 | 11.90 | 25.15 |
| Urban Totals | 1107114 | 35.27 | 15.22 | 18.57 | 7.22 | 16.54 |
|  |  |  |  |  |  |  |
| Wales Total | 2075347 | 33.02 | 15.46 | 19.78 | 7.12 | 17.39 |

Source : Office of National Statistics
Notes:
Level 1: $1+$ ' ' level passes, $1+$ CSE/ GCSE any grades, NVQ level 1, Foundation GNVQ
Level 2: 5+ 'O' level passes, 5+ CSEs (grade 1). 5+ GCSEs (grades A-C), School Certificate, 1+'A' levels/ AS levels, NVQ level 2, Intermediate GNVQ
Level 3: 2+ 'A' levels, 4+ AS levels, Higher School Certificate, NVQ level 3, Advanced GNVQ
Level 4/5: First degree, Higher degree, NVQ levels 4 and 5, HNC, HND, Qualified Teacher status, Qualified Medical D octor,
Qualified Dentist, Qualified Nurse, Midwife, Health Visitor.
Table EXCLUSION 1 displays qualification levels in Welsh Unitary Authorities in 2001. The trend for those with no qualifications is fairly constant across Wales at around the $30 \%$ mark - although this does rise in Valley Authorities. In terms of Higher Education qualifications (Level 4/5) rural areas have a higher proportion on average, with particularly high levels in Ceredigion and Monmouthshire (only Cardiff is higher).

Table EXCLUSION2 : Households with no access to a private car (Ranked by the average share for all Electoral Divisions)


Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)

Table EXCLUSION2 displays the percentage of households without access to a private car. (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km.). Clearly this is not such an issue for rural areas of the country but
it has long been recognised that this is a poor indicator of social exclusion in rural areas as ownership of a car is often a necessity in order to access employment or key services.

## Theme 4 - Housing and Service Provision

Maps 24-27 display 2001 Census information on dwelling types in Wales. Clearly in rural areas detached properties are most prevalent as one might expect. There are also concentrations of population in flats in rural Wales, particularly in coastal regions.

Maps 28-30 examine tenure patterns across Wales and highlight some interesting trends in relation to rural Wales. Map 28 displays the percentage of privately rented households and the highest levels of this tenure type are concentrated through rural mid and west Wales. The patterns of Owner O ccupied housing are a little more even (Map 29) but there are large areas of low owner occupation in rural north Wales - Gwynedd and Anglesey especially. Terraced housing is obviously concentrated in the south east 'Valleys' area, but there is a concentration of this tenure type in the slate mining communities of G wynedd.

Table HOUSE 1: Dwelling Stock by Council Tax Band 2001

|  | $\begin{aligned} & \hline \text { Band } \\ & \text { A, } \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l} \hline \begin{array}{l} \text { Band B, } \\ \% \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \hline \text { Band } \\ & \text { C, } \% \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline \text { Band } \\ \text { D,\% } \\ \hline \end{array}$ | $\begin{aligned} & \text { Band } \\ & \text { E,\% } \end{aligned}$ | Band F, \% | $\begin{aligned} & \text { Band } \\ & \text { G, } \% \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Band } \\ & \mathrm{H}, \% \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Isle of Anglesey | 19.55 | 21.96 | 15.42 | 21.83 | 15.07 | 3.66 | 2.3 | 0.19 |
| Gwynedd | 24.39 | 25.63 | 18.94 | 14.83 | 11.35 | 3.24 | 1.51 | 0.1 |
| Conwy | 12.59 | 18.55 | 24.39 | 21.59 | 14.53 | 5.05 | 3.04 | 0.25 |
| D enbighshire | 11.3 | 21.37 | 27.54 | 20.19 | 12.31 | 4.47 | 2.62 | 0.2 |
| Powys | 13.45 | 18.39 | 20.11 | 17.16 | 20.65 | 6.76 | 3.21 | 0.27 |
| Ceredigion | 11.95 | 17.1 | 19.82 | 24.26 | 20.75 | 4.58 | 1.45 | 0.09 |
| Pembrokeshire | 14.27 | 22.82 | 20.19 | 19.23 | 16.93 | 4.67 | 1.76 | 0.1 |
| Carmarthenshire | 21.53 | 26.6 | 19.36 | 15.51 | 12.2 | 3.47 | 1.22 | 0.09 |
| Monmouthshire | 2.96 | 9.85 | 23.01 | 18.92 | 19.31 | 14.54 | 10.55 | 0.86 |
| Rural Average | 14.67 | 20.25 | 20.98 | 19.28 | 15.90 | 5.60 | 3.07 | 0.24 |
|  |  |  |  |  |  |  |  |  |
| Flintshire | 9.21 | 20.82 | 29.14 | 18.39 | 14.25 | 5.73 | 2.33 | 0.12 |
| Wrexham | 19.66 | 29.21 | 19.44 | 15.6 | 9.45 | 4.22 | 2.3 | 0.12 |
| The Vale of Glamorgan | 6.4 | 19.71 | 20.65 | 17.48 | 16.57 | 8.15 | 9.91 | 1.12 |
| O ther Average | 11.76 | 23.25 | 23.08 | 17.16 | 13.42 | 6.03 | 4.85 | 0.45 |
|  |  |  |  |  |  |  |  |  |
| Swansea | 20.22 | 24.93 | 19.92 | 14.74 | 12.16 | 4.84 | 2.88 | 0.3 |
| Neath Port Talbot | 23.13 | 38.59 | 19.17 | 11.14 | 5.77 | 1.68 | 0.48 | 0.04 |
| Bridgend | 20.58 | 24.87 | 20.34 | 15.82 | 11.55 | 4.52 | 2.13 | 0.18 |
| RhonddaCynon Taff | 46.84 | 25.15 | 12.32 | 7.63 | 5.36 | 1.89 | 0.74 | 0.06 |
| Merthyr Tydfil | 56.93 | 23.37 | 6.85 | 6.84 | 4.59 | 1.15 | 0.24 | 0.03 |
| Caerphilly | 25.97 | 39.43 | 16.83 | 8.57 | 5.9 | 2.59 | 0.63 | 0.07 |
| Blaenau G went | 56.11 | 27.09 | 9.2 | 4.51 | 2.64 | 0.36 | 0.03 | 0.06 |
| Torfaen | 21.22 | 35.08 | 22.65 | 9.31 | 7.78 | 2.79 | 1.09 | 0.09 |
| Newport | 15.05 | 31.75 | 20.16 | 16.02 | 8.73 | 4.71 | 3.25 | 0.34 |
| Cardiff | 7.61 | 22.73 | 27.15 | 16.56 | 15.32 | 5.45 | 4.69 | 0.48 |
| Urban Average | 29.37 | 29.30 | 17.46 | 11.11 | 7.98 | 3.00 | 162 | 0.17 |

Source : Office of National Statistics
Table HOUSE 1 show the percentage of properties in the various Council Tax bands in each Unitary Authority in Wales, broken down by type of Authority (Rural, Other and Urban). In terms of the rural authorities, Carmarthenshire, G wynedd and Anglesey have the highest proportions of housing in Council Tax bands A and B. In general, housing in the rural authorities is divided fairly evenly across the Council Tax bands A-E, only Monmouthshire displays a slightly different pattern with housing being concentrated in the C-G Council Tax Bands. This contrasts strongly with valley authorities that have much higher proportions of properties in the bottom Council Tax bands A-C.

Table HOUSE2 : Vacant Households (Ranked by the average share for all Electoral Divisions)

|  |  |  | Share of all household spaces |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Value | All | Sparse | Medium | Dense |
|  |  |  |  |  |  |  |
| Flintshire | X | 2,000 | 2.8\% | 3.8\% | 2.7\% | 2.6\% |
| Cardiff | U | 4,000 | 2.8\% | - | 3.0\% | 2.8\% |
| Torfaen | X | 1,000 | 2.9\% | - | 3.2\% | 2.4\% |
| Wrexham | X | 2,000 | 3.1\% | 3.0\% | 2.8\% | 3.4\% |
| Bridgend | V | 2,000 | 3.3\% | 3.6\% | 3.6\% | 2.8\% |
| Newport | U | 2,000 | 3.4\% | 1.5\% | 3.1\% | 3.7\% |
| Denbighshire | R | 1,000 | 3.4\% | 3.9\% | 2.9\% | 3.5\% |
| Ceredigion | R | 1,000 | 3.5\% | 3.5\% | 3.3\% | 3.6\% |
| Monmouthshire | R | 1,000 | 3.6\% | 4.4\% | 3.6\% | 2.8\% |
| Caerphilly | V | 3,000 | 3.6\% | 3.1\% | 3.9\% | 3.1\% |
| Powys | R | 2,000 | 4.0\% | 3.9\% | 4.1\% | 2.4\% |
| Vale of Glamorgan | X | 2,000 | 4.1\% | 2.7\% | 4.6\% | 4.3\% |
| Conwy | R | 2,000 | 4.4\% | 4.7\% | 4.8\% | 3.5\% |
| Swansea | U | 4,000 | 4.5\% | 3.4\% | 3.4\% | 5.2\% |
| Carmarthenshire | R | 4,000 | 4.6\% | 4.6\% | 4.3\% | 5.4\% |
| Rhondda Cynon Taff | V | 5,000 | 4.6\% | 3.7\% | 4.7\% | 4.1\% |
| Neath Port Talbot | V | 3,000 | 4.8\% | 6.2\% | 4.6\% | 4.3\% |
| Isle of Anglesey | R | 2,000 | 4.9\% | 5.9\% | 3.9\% | 3.8\% |
| Pembrokeshire | R | 3,000 | 5.1\% | 4.8\% | 5.2\% | 6.1\% |
| Gwynedd | R | 3,000 | 5.5\% | 6.2\% | 5.1\% | 3.1\% |
| Blaenau Gwent | V | 2,000 | 5.6\% | - | 5.7\% | 4.6\% |
| Merthyr Tydfil | V | 1,000 | 5.7\% | 4.5\% | 6.1\% | 4.7\% |
|  |  |  |  |  |  |  |
| Wales |  | 51,000 | 4.0\% | 4.5\% | 4.1\% | 3.6\% |
| Others | X | 7,000 | 3.2\% | 3.1\% | 3.1\% | 3.4\% |
| Urban | U | 10,000 | 3.5\% | 2.1\% | 3.3\% | 3.6\% |
| Valleys | V | 15,000 | 4.4\% | 5.4\% | 4.6\% | 3.6\% |
| Rural | R | 19,000 | 4.4\% | 4.7\% | 4.3\% | 3.9\% |
|  |  |  |  |  |  |  |

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)
Table HOUSE2 displays the percentage of Vacant Dwellings from the 2001 Census (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km ., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km .). This is a problem that particularly affects the valley and rural authorities with higher proportions of vacant dwellings at all population densities for these categories of authorities. It is a particular problem in Gwynedd, Anglesey and Pembrokeshire.

Table HOUSE3 : Second Homes or Holiday Accommodation (Ranked by the average share for all Electoral Divisions)


Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)

Table HOUSE3 displays the percentage of Second Homes or Holiday Dwellings from the 2001 Census (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km ., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km .). This is an issue that is most prevalent in the rural authorities of Anglesey, Pembrokeshire and, particularly, Gwynedd.

Table HOUSE4 : Households rented from the private sector or other arrangements (Ranked by the average share for all Electoral Divisions)

|  |  |  | Share of all occupied households |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  | Value | All | Sparse | Medium | Dense |  |
| Torfaen | X | 2,000 | $5.4 \%$ |  | - | $5.7 \%$ | $4.9 \%$ |
| Caerphilly | V | 4,000 | $6.0 \%$ |  | $5.6 \%$ | $6.1 \%$ | $5.7 \%$ |
| Flintshire | X | 5,000 | $7.6 \%$ |  | $9.4 \%$ | $7.8 \%$ | $6.2 \%$ |
| Newport | U | 4,000 | $7.8 \%$ |  | $5.1 \%$ | $7.1 \%$ | $8.4 \%$ |
| Wrexham | X | 4,000 | $8.3 \%$ |  | $13.2 \%$ | $7.3 \%$ | $7.3 \%$ |
| Neath Port Talbot | V | 5,000 | $8.4 \%$ |  | $8.1 \%$ | $7.7 \%$ | $9.8 \%$ |
| Bridgend | V | 5,000 | $8.5 \%$ |  | $9.7 \%$ | $8.0 \%$ | $9.1 \%$ |
| Blaenau Gwent | V | 3,000 | $8.5 \%$ |  | - | $8.6 \%$ | $6.7 \%$ |
| Monmouthshire | R | 3,000 | $9.1 \%$ |  | $11.7 \%$ | $7.9 \%$ | $8.0 \%$ |
| Vale of Glamorgan | X | 5,000 | $9.3 \%$ |  | $7.9 \%$ | $9.5 \%$ | $9.6 \%$ |
| Merthyr Tydfil | V | 2,000 | $10.0 \%$ |  | $9.2 \%$ | $9.8 \%$ | $10.9 \%$ |
| Rhondda Cynon Taff | V | 10,000 | $10.1 \%$ |  | $4.6 \%$ | $10.3 \%$ | $9.3 \%$ |
| Carmarthenshire | R | 8,000 | $10.4 \%$ |  | $11.2 \%$ | $9.4 \%$ | $11.3 \%$ |
| Swansea | U | 10,000 | $11.1 \%$ |  | $9.9 \%$ | $8.1 \%$ | $13.2 \%$ |
| Pembrokeshire | R | 6,000 | $13.2 \%$ |  | $12.4 \%$ | $13.1 \%$ | $15.8 \%$ |
| Cardiff | U | 16,000 | $13.2 \%$ |  | - | $8.6 \%$ | $13.7 \%$ |
| Denbighshire | R | 6,000 | $14.3 \%$ |  | $15.5 \%$ | $11.1 \%$ | $15.9 \%$ |
| Conwy | R | 7,000 | $14.7 \%$ |  | $16.5 \%$ | $15.8 \%$ | $11.6 \%$ |
| Isle of Anglesey | R | 4,000 | $15.0 \%$ |  | $15.7 \%$ | $13.1 \%$ | $17.3 \%$ |
| Gwynedd | R | 7,000 | $15.0 \%$ |  | $14.0 \%$ | $14.6 \%$ | $21.0 \%$ |
| Powys | R | 8,000 | $15.5 \%$ |  | $15.7 \%$ | $15.6 \%$ | $7.5 \%$ |
| Ceredigion | R | 6,000 | $18.0 \%$ |  | $14.0 \%$ | $20.0 \%$ | $31.5 \%$ |
|  |  |  |  |  |  |  |  |
| Wales |  | $\mathbf{1 3 0 , 0 0 0}$ | $\mathbf{1 0 . 8 \%}$ | $\mathbf{1 2 . 8 \%}$ | $\mathbf{9 . 6 \%}$ | $\mathbf{1 1 . 2 \%}$ |  |
| Others | X | 16,000 | $7.7 \%$ | $10.2 \%$ | $7.4 \%$ | $7.4 \%$ |  |
| Valleys | V | 28,000 | $8.5 \%$ | $8.0 \%$ | $8.6 \%$ | $8.4 \%$ |  |
| Urban | U | 31,000 | $11.4 \%$ |  | $6.7 \%$ | $8.0 \%$ | $12.6 \%$ |
| Rural | R | 55,000 | $13.6 \%$ |  | $13.8 \%$ | $13.0 \%$ | $14.5 \%$ |
|  |  |  |  |  |  |  |  |

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)

Table HOUSE4 displays the percentage of Households rented privately from the 2001 Census (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km.). This is a feature of the housing market in rural areas of Wales and is most prevalent in the rural authorities of Conwy, Denbighshire, Anglesey, Pembrokeshire, Powys, and Gwynedd.

Table HOUSE 5 : House Prices by Unitary Authority 2004. (rural UAs in bold)

|  | Detached |  | $\begin{gathered} \text { Semi- } \\ \text { Detached } \end{gathered}$ |  | Temaced |  | Flat/ Maisonette |  | O verall |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Region/ Area | $\begin{gathered} \text { Av } \\ \text { Price } \\ £ \end{gathered}$ | Sales | $\begin{gathered} \text { Av } \\ \text { Price } \\ £ \end{gathered}$ | Sales | $\begin{gathered} \hline \text { Av } \\ \text { Price } \\ \text { £ } \\ \hline \end{gathered}$ | Sales | $\begin{gathered} \text { Av } \\ \text { Price } £ \end{gathered}$ | Sales | $\begin{gathered} \text { Av } \\ \text { Price } \\ £ \end{gathered}$ | Sales |
| Blaenau G went | 106004 | 27 | 58501 | 60 | 40226 | 177 | 23050 | 5 | 50585 | 269 |
| Bridgend | 166847 | 199 | 88564 | 356 | 61523 | 257 | 62410 | 15 | 98523 | 827 |
| Caerphilly | 145689 | 158 | 82250 | 282 | 61423 | 323 | 57000 | 15 | 86000 | 778 |
| Cardiff | 234395 | 293 | 145762 | 482 | 122560 | 734 | 120032 | 380 | 145318 | 1889 |
| Cammarthenshire | 144826 | 310 | 71557 | 228 | 64193 | 248 | 42065 | 4 | 97847 | 790 |
| Ceredigion | 157563 | 169 | 103554 | 69 | 98047 | 82 | 75000 | 9 | 129144 | 329 |
| Conwy | 164059 | 259 | 107061 | 236 | 88481 | 112 | 83959 | 69 | 123463 | 676 |
| Denbighshire | 138393 | 214 | 88288 | 175 | 74476 | 128 | 51336 | 11 | 104478 | 528 |
| Flintshire | 161564 | 239 | 94023 | 273 | 77321 | 156 | 64268 | 11 | 113477 | 679 |
| Gwynedd | 160465 | 178 | 106153 | 105 | 79830 | 230 | 83795 | 21 | 112040 | 534 |
| Isle Of Anglesey | 148370 | 123 | 88241 | 75 | 66315 | 86 | 124900 | 5 | 107942 | 289 |
| Merthyr Tydfil | 118704 | 53 | 59806 | 61 | 42267 | 174 | 29000 | 4 | 59623 | 292 |
| Monmouthshire | 225064 | 206 | 126343 | 139 | 110203 | 91 | 87329 | 30 | 164320 | 466 |
| Neath Port Talbot | 121157 | 117 | 65043 | 246 | 49348 | 278 | 37394 | 10 | 68001 | 651 |
| Newport | 197232 | 170 | 116323 | 197 | 86600 | 304 | 73601 | 29 | 121294 | 700 |
| Pembrokeshire | 167917 | 260 | 94571 | 126 | 88807 | 189 | 103300 | 18 | 125157 | 593 |
| Powys | 177132 | 259 | 99939 | 142 | 80090 | 109 | 42000 | 7 | 133641 | 517 |
| $\begin{aligned} & \text { RhonddaCynon } \\ & \text { Taff } \\ & \hline \end{aligned}$ | 141326 | 266 | 76325 | 263 | 50431 | 789 | 36475 | 14 | 73549 | 1332 |
| Swansea | 160182 | 264 | 95000 | 386 | 75002 | 425 | 103102 | 45 | 103101 | 1120 |
| $\begin{aligned} & \text { The Vale Of } \\ & \text { Glamorgan } \\ & \hline \end{aligned}$ | 229226 | 252 | 132689 | 210 | 100211 | 274 | 101979 | 84 | 148358 | 820 |
| Torfaen | 189563 | 96 | 98347 | 82 | 70410 | 180 | 51750 | 14 | 106615 | 372 |
| Wrexham | 170464 | 203 | 96189 | 180 | 71444 | 134 | 51150 | 3 | 118548 | 520 |

Source : Land Registry 2004.
Table HOUSE 5 displays average house prices and numbers of sales in Welsh Unitary Authorities (rural UAs in bold text). In terms of overall sales, the average house prices show quite wide variability in the rural authorities with Monmouthshire having the highest average price across Wales - $£ 164320$ and Carmarthenshire having one of the lowest average prices outside of the valley authorities of south Wales - $£ 97,847$.

Table HOUSE6: Percentage household amenities and living space in 2001 by unitary authority

| Unitary Authority | Category | No bath / WC | Ave HH Size | Ave Rooms per Person | Overcrowded | No CH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flintshire | Other | 0.2\% | 2.43 | 5.68 | 3\% | 6.7\% |
| The Vale of Glamorgan |  | 0.2\% | 2.42 | 5.98 | 3\% | 5.1\% |
| Wrexham |  | 0.3\% | 2.39 | 5.51 | 4\% | 12.5\% |
| Carmarthenshire | Rural | 0.4\% | 2.35 | 5.89 | 3\% | 6.7\% |
| Ceredigion |  | 1.2\% | 2.33 | 5.89 | 6\% | 14.5\% |
| Conwy |  | 0.5\% | 2.28 | 5.59 | 4\% | 14.5\% |
| Denbighshire |  | 0.4\% | 2.31 | 5.69 | 4\% | 11.7\% |
| Gwynedd |  | 0.8\% | 2.32 | 5.79 | 4\% | 21.6\% |
| Isle of Anglesey |  | 0.6\% | 2.33 | 5.80 | 3\% | 19.3\% |
| Monmouthshire |  | 0.4\% | 2.39 | 6.09 | 3\% | 4.0\% |
| Pembrokeshire |  | 0.5\% | 2.35 | 5.82 | 4\% | 12.8\% |
| Powys |  | 0.4\% | 2.34 | 6.01 | 3\% | 8.5\% |
|  |  |  |  |  |  |  |
| Cardiff | Urban | 0.4\% | 2.42 | 5.67 | 7\% | 6.6\% |
| Newport |  | 0.3\% | 2.40 | 5.58 | 5\% | 3.6\% |
| Swansea |  | 0.3\% | 2.36 | 5.66 | 5\% | 3.9\% |
|  |  |  |  |  |  |  |
| Blaenau Gwent | Valley | 0.3\% | 2.35 | 5.16 | 5\% | 2.5\% |
| Bridgend |  | 0.3\% | 2.39 | 5.64 | 4\% | 4.2\% |
| Caerphilly |  | 0.2\% | 2.42 | 5.37 | 4\% | 2.6\% |
| Merthyr Tydfil |  | 0.2\% | 2.41 | 5.34 | 5\% | 4.5\% |
| Neath Port Talbot |  | 0.4\% | 2.34 | 5.56 | 3\% | 4.0\% |
| Rhondda Cynon Taff |  | 0.4\% | 2.43 | 5.39 | 5\% | 5.6\% |
| Torfaen |  | 0.1\% | 2.40 | 5.43 | 4\% | 2.7\% |
|  |  |  |  |  |  |  |
| Other |  | 0.2\% | 2.41 | 5.72 | 4\% | 8.1\% |
| Rural |  | 0.6\% | 2.33 | 5.84 | 4\% | 12.1\% |
| Urban |  | 0.4\% | 2.39 | 5.64 | 6\% | 5.1\% |
| Valley |  | 0.3\% | 2.39 | 5.41 | 4\% | 3.9\% |
|  |  |  |  |  |  |  |
| Wales |  | 0.4\% | 2.38 | 5.65 | 4\% | 7.5\% |
| Source: Census of Population 2001 |  |  |  |  |  |  |

Table House6 shows the levels of household amenities in Unitary Authorities in Wales and in terms of rural or 'other' UAs a number of trends emerge. There are slightly higher levels of household with no bath or inside WC, household sizes (in persons) are generally lower than urban or valley areas, overcrowding is lower in rural areas (apart from Ceredigion), and a significant proportion of households in rural UAs do not have central heating (CH) - 12.1\% compared to the Wales average of 7.5\%.

## Theme 5 - Society and Community

Maps 31-33 illustrate the distribution of Welsh speakers and those whose ethnic origin is Welsh from the 2001 Census. In terms of Welsh language the 'heartland' areas of north-west Wales and south-west Wales are very evident with many wards in these areas falling in the top quintile of 52-88\% Welsh speaking. The Ethnic Welsh map (Map 32) (Ethnic Welsh refers to those people who indicated their nationality as 'Welsh' on the Census Form) is interesting at the all-Wales scale with the Welsh eastern borders area clearly evident as an area of low ethnic Welsh and other 'pockets' of low ethnic Welsh emerge in coastal areas, e.g. the Milford Haven area in Pembrokeshire - possibly related to the oil and port industries in that region.

Maps 34-38 are concerned with migration patterns in Welsh wards from 2001 Census data. The data relates to people who have moved address within one year of the Census taking place and the maps break this down further into Ethnic Welsh population moving within Wales and from outside Wales and non- Ethnic Welsh populations moving into Wales from outside. Map 34 displays the percentage of total population who have moved within Wales and at this level, it is hard to determine any definite patterns in relation to rural Wales although a fair proportion of rural wards are in the top two quintiles based on this measure. Looking at the proportions of total Ethnic Welsh people moving and those that have moved within the same Unitary Authority (Map 35 and 36) does highlight a striking trend, however, with large proportions of rural areas (particularly the north-west and south-west regions) in the top two quintiles based on these variables. Ethnic Welsh population moving back to Wales from outside the country also tend to concentrate in these rural areas (Map 37). Map 38 displays those non-Ethnic Welsh moving into Wales and while rural areas are favoured strongly again, the main concentrations here are in the eastern rural areas and parts of Ceredigion, Anglesey and Pembrokeshire.

## Map 39 - Population change at Unitary Authority level in Wales - 1991 2001

Map 39 displays population change at Unitary Authority level from 1991-2001 and clearly rural areas tend to be gaining population over this period, for example Ceredigion. As the maps above show, however, this is not a straightforward trend as many of these areas would seem to be losing indigenous population while achieving a net gain in population overall through a process of in-migration to these areas. This is clearly an area that will need to be analysed in more detail through the Observatory work programme.

## Map 40 - Population density (persons/ sq Km) (2001 Census data - ward level)

Map 40 displays the population density in Welsh wards (persons/ sq Km) to give an indication of the main centres of population across rural and non-rural areas of Wales.

## Map 41 - Percentage of Population Permanently Sick (2001Census)

Clearly the highest concentration of those defined as 'permanently sick' in the 2001 Census is within the former primary industrial areas of the South Wales Valleys (see Map 41), with levels as high as $16 \%$ of the population. There are pockets of concentration of this indicator across rural areas of Wales, however, particularly in the south-west around Llanelli and Milford Haven and to some extent in Ceredigion. In parts of Gwynedd and Anglesey there are also a number of wards in the top two quintiles for this particular indicator.

## Map 42-47 - Age Structure data for Welsh Wards (2001 Census)

Maps 42-47 display age structure data in Welsh wards based on 2001 Census data. These maps graphically display the differences in concentration of particular age groups across the country and particularly striking is the relative concentration of younger age groups in the urban and valley areas of the country with the elderly age groups dominating the rural areas of the country. This is true at a generalised level, but there are anomalies in this general pattern. For example, in the 017 age group there are concentrations in the main settlements across rural Wales (e.g. Newtown in Powys, Milford Haven in Pembrokeshire) and more affluent areas of Cardiff and Swansea have relatively low concentrations of this age group. Conversely in the 60 and over age group there are some areas of rural Wales (e.g. Aberystwyth and Caernarfon) with relatively low levels of concentration - although the general trend across rural Wales is one of high concentration of this particular age group (Map 47).

## Map 48-50-Migration trends in the 0-17 Age Group (2001 Census)

We now explore migration trends in Wales in more detail by breaking down the migration data into age groups. The first age group (0-17) is shown in maps 48-50 and they display in-migration trends from within the same Unitary Authority, from within the UK and from outside the UK. Map 48 shows high concentrations of in-migration movements within the same UA in parts of rural areas, particularly the Newtown area of Powys, large parts of Ceredigion and to a lesser extent parts of G wynedd and Ceredigion. More striking is the pattern of inmigration from the rest of the UK suggesting an influx family with children into rural areas of Wales. In-migration from outside of the UK is limited to main settlements in rural areas.

## Map 51-53-Migration Trends in the 18-24 Age Group (2001Census)

A similar pattern to that see in the 0-17 age group emerges in the in-migration patterns of the 18-24 age groups (maps 51-53). Again in-migration within the same UA is evident in the top two quintiles in parts of Pembrokeshire, Ceredigion, Powys and parts of Gwynedd. There is also a clear concentration within rural areas of Wales in terms of in-migration from other parts of the UK. In-migration from outside of the UK occurs in pockets - again favouring the rural parts of Wales (map 53).

## Map 54-56-Migration Trends in the 25-39 Age Group (2001 Census)

The trends seen above continue for the 25-39 age group (maps 54-56), with a particularly interesting concentration within rural areas of Wales of in-migration from other parts of the UK (Map 55).

## Maps 57-65- Migration Trends in the 40-49 Age Group ( 2001 Census)

For the age groups of 40-49, 50-59 and 60 and over we can see the trends identified continuing apace with these older age groups tending to in-migrate to the rural areas of Wales (from the rest of the UK and from outside the UK. This pattern of in-migration is fairly uniform across rural areas of Wales for the older age groups displaying a marked contrast with the urban and valley areas of Wales where in-migration rates are low for these age groups.

Table : POP1-Migration in Welsh Unitary Authorities 2001

|  | ALL <br> PEOPLE | Migrants | Moved to area from elsewhere in UK | Moved to area from outside UK | Moved within area | Moved out of area to elsewhere in UK |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Isle of Anglesey | 66829 | 10.02 | 3.13 | 0.27 | 6.03 | 3.28 |
| Gwynedd | 116843 | 12.02 | 3.66 | 0.33 | 7.34 | 3.46 |
| Conwy | 109596 | 11.71 | 3.84 | 0.27 | 6.91 | 3.18 |
| Denbighshire | 93065 | 11.27 | 3.93 | 0.29 | 6.39 | 3.5 |
| Powys | 126354 | 10.67 | 3.73 | 0.34 | 6.04 | 3.4 |
| Ceredigion | 74941 | 18.04 | 6.54 | 0.64 | 10.07 | 5.39 |
| Pembrokeshire | 114131 | 12.03 | 3.3 | 0.34 | 7.68 | 2.96 |
| Carmarthenshire | 172842 | 10.5 | 3 | 0.24 | 6.55 | 2.53 |
| Monmouthshire | 84885 | 10.75 | 4.77 | 0.25 | 5.14 | 4.02 |
| Rural Average | 959486 | 119 | 4.0 | 0.3 | 6.9 | 3.5 |
|  |  |  |  |  |  |  |
| Flintshire | 148594 | 9.47 | 3.11 | 0.22 | 5.64 | 3.06 |
| Wrexham | 128476 | 10.35 | 2.84 | 0.29 | 6.67 | 2.38 |
| The Vale of Glamorgan | 119292 | 11.21 | 3.6 | 0.49 | 6.57 | 3.64 |
| Other Average | 396362 | 10.34 | 3.18 | 0.33 | 6.29 | 3.03 |
|  |  |  |  |  |  |  |
| Swansea | 223301 | 12.19 | 2.81 | 0.53 | 8.1 | 2.88 |
| Neath Port Talbot | 134468 | 9.23 | 2.13 | 0.11 | 6.4 | 2.08 |
| Bridgend | 128645 | 9.97 | 2.41 | 0.22 | 6.7 | 2.44 |
| Rhondda Cynon Taff | 231946 | 9.62 | 2.04 | 0.24 | 6.72 | 2.1 |
| Merthyr Tydfil | 55981 | 8.4 | 1.68 | 0.12 | 5.94 | 2.16 |
| Caerphilly | 169519 | 9.42 | 2.09 | 0.1 | 6.57 | 2.05 |
| Blaenau G went | 70064 | 9.05 | 1.4 | 0.06 | 6.88 | 1.79 |
| Torfaen | 90949 | 8.48 | 1.83 | 0.08 | 5.96 | 2.16 |
| Newport | 137011 | 10.41 | 2.97 | 0.27 | 6.39 | 2.66 |
| Cardiff | 305353 | 15.59 | 4.54 | 0.88 | 9.2 | 4.25 |
| Urban Average | 1547237 | 10.24 | 2.39 | 0.26 | 6.89 | 2.46 |
|  |  |  |  |  |  |  |
| Wales Average |  | 10.8 | 3.2 | 0.3 | 6.7 | 3.0 |

Source : Office of National Statistics

Table POP1 explores migration patterns at the Unitary Authority level in Wales in 2001. Clearly migration patterns within rural parts of Wales are much more dynamic than in other parts of the country. There are higher proportions of migrants (defined as those moved within the last year by the UK Census) in general in rural areas with the highest being $18 \%$ in Ceredigion. Ceredigion does stand out from all other authorities in Wales with the highest levels of in-migration, moves within the Authority and out-migration. In general terms rural areas are experiencing both high in-migration and high out-migration and this is described in more detail in the map analysis in this report.

Table POP2 : Persons Aged over 64 (Ranked by the average share for all Electoral Divisions)

|  |  |  | Share of total population |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  | Value | All | Sparse | Medium | Dense |  |
|  |  |  |  |  |  |  |  |
| Cardiff | U | 45,000 | $14.6 \%$ |  | - |  | $11.8 \%$ | X

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)
Table POP2 displays the percentage of persons aged over 64 (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km.). All rural authorities, apart from Monmouth, score highly in terms of their share of this population group with Powys, Denbighshire and Conwy having the highest percentage share.

Table POP3 : Persons of all ages with a limiting long term illness (Ranked by the average share for all Electoral Divisions)

|  |  |  | Share of total population |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Value | All | Sparse | Medium | Dense |
| Cardiff | U | 57,000 | 18.8\% | - | 14.8\% | 19.2\% |
| Monmouthshire | R | 16,000 | 19.1\% | 18.3\% | 18.6\% | 20.4\% |
| Flintshire | X | 29,000 | 19.2\% | 18.4\% | 18.9\% | 20.4\% |
| Vale of Glamorgan | X | 24,000 | 19.9\% | 18.0\% | 17.7\% | 21.6\% |
| Powys | R | 26,000 | 20.4\% | 20.2\% | 21.2\% | 18.8\% |
| Gwynedd | R | 24,000 | 20.6\% | 20.4\% | 21.6\% | 19.2\% |
| Ceredigion | R | 16,000 | 20.7\% | 21.4\% | 21.5\% | 16.8\% |
| Wrexham | X | 28,000 | 21.5\% | 18.2\% | 21.3\% | 22.9\% |
| Newport | U | 30,000 | 21.6\% | 17.7\% | 20.5\% | 22.6\% |
| Pembrokeshire | R | 25,000 | 22.3\% | 21.4\% | 22.4\% | 24.9\% |
| Isle of Anglesey | R | 15,000 | 22.4\% | 22.2\% | 21.6\% | 25.6\% |
| Denbighshire | R | 22,000 | 23.4\% | 19.0\% | 21.0\% | 27.9\% |
| Conwy | R | 26,000 | 23.5\% | 17.8\% | 24.1\% | 25.2\% |
| Swansea | U | 55,000 | 24.7\% | 21.7\% | 24.3\% | 25.2\% |
| Torfaen | X | 23,000 | 24.8\% | - | 25.2\% | 24.4\% |
| Bridgend | V | 32,000 | 25.0\% | 31.9\% | 25.5\% | 23.8\% |
| Carmarthenshire | R | 45,000 | 26.3\% | 23.9\% | 27.4\% | 30.2\% |
| Caerphilly | V | 45,000 | 26.3\% | 31.6\% | 26.6\% | 25.4\% |
| Rhondda Cynon Taff | V | 63,000 | 27.2\% | 28.1\% | 27.3\% | 26.0\% |
| Blaenau Gwent | V | 20,000 | 28.3\% | - | 28.3\% | 27.3\% |
| Neath Port Talbot | V | 39,000 | 29.4\% | 30.9\% | 27.8\% | 31.2\% |
| Merthyr Tydfil | V | 17,000 | 30.0\% | 29.4\% | 29.3\% | 32.2\% |
|  |  |  |  |  |  |  |
| Wales |  | 676,000 | 23.3\% | 21.2\% | 24.3\% | 23.1\% |
| Others | X | 102,000 | 21.0\% | 18.2\% | 20.7\% | 22.3\% |
| Urban | U | 142,000 | 21.4\% | 19.0\% | 21.7\% | 21.4\% |
| Rural | R | 215,000 | 22.4\% | 21.0\% | 23.0\% | 24.6\% |
| Valleys | V | 216,000 | 27.3\% | 30.7\% | 27.2\% | 26.9\% |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)
Table POP3 displays the percentage of persons with limiting long term illness from the 2001 Census (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km ., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km.). Apart from the valley authorities, rural areas have a relatively large share of this particular indicator, with Carmarthenshire the highest out of the rural authorities.

Table POP4: Households with dependent children aged 0-4 years old (Ranked by the average share for all Electoral Divisions)

|  |  |  | Share of all occupied households |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Value | All | Sparse | Medium | Dense |
|  |  |  |  |  |  |  |
| Ceredigion | R | 3,000 | 8.6\% | 9.1\% | 8.2\% | 7.4\% |
| Conwy | R | 5,000 | 9.5\% | 9.9\% | 9.6\% | 9.2\% |
| Powys | R | 5,000 | 9.8\% | 9.5\% | 9.9\% | 16.3\% |
| Isle of Anglesey | R | 3,000 | 10.2\% | 10.0\% | 10.1\% | 11.0\% |
| Denbighshire | R | 4,000 | 10.2\% | 9.3\% | 10.7\% | 10.4\% |
| Monmouthshire | R | 4,000 | 10.3\% | 9.1\% | 10.9\% | 10.6\% |
| Swansea | U | 10,000 | 10.4\% | 9.8\% | 11.3\% | 9.8\% |
| Neath Port Talbot | V | 6,000 | 10.4\% | 10.4\% | 10.4\% | 10.3\% |
| Carmarthenshire | R | 8,000 | 10.4\% | 9.7\% | 10.8\% | 11.1\% |
| Gwynedd | R | 5,000 | 10.8\% | 10.6\% | 11.1\% | 11.0\% |
| Pembrokeshire | R | 5,000 | 11.0\% | 10.0\% | 12.6\% | 10.0\% |
| Blaenau Gwent | V | 3,000 | 11.2\% | - | 11.1\% | 11.8\% |
| Wrexham | X | 6,000 | 11.4\% | 10.4\% | 11.6\% | 11.5\% |
| Torfaen | X | 4,000 | 11.4\% | - | 11.4\% | 11.4\% |
| Merthyr Tydfil | V | 3,000 | 11.6\% | 10.5\% | 11.7\% | 11.7\% |
| Bridgend | V | 6,000 | 11.7\% | 11.9\% | 11.5\% | 12.0\% |
| Flintshire | X | 7,000 | 11.8\% | 10.0\% | 12.0\% | 12.3\% |
| Rhondda Cynon Taff | V | 11,000 | 12.1\% | 9.7\% | 12.1\% | 13.0\% |
| Vale of Glamorgan | X | 6,000 | 12.2\% | 10.1\% | 12.0\% | 12.9\% |
| Cardiff | U | 15,000 | 12.2\% | - | 13.4\% | 12.1\% |
| Caerphilly | V | 9,000 | 12.5\% | 13.2\% | 12.2\% | 13.2\% |
| Newport | U | 7,000 | 12.8\% | 11.9\% | 12.6\% | 13.0\% |
|  |  |  |  |  |  |  |
| Wales |  | 135,000 | 11.2\% | 9.9\% | 11.4\% | 11.6\% |
| Rural | R | 41,000 | 10.2\% | 9.7\% | 10.6\% | 10.3\% |
| Others | X | 23,000 | 11.7\% | 10.2\% | 11.7\% | 12.1\% |
| Urban | U | 32,000 | 11.7\% | 11.2\% | 12.0\% | 11.6\% |
| Valleys | V | 38,000 | 11.7\% | 10.8\% | 11.7\% | 12.0\% |
|  |  |  |  |  |  |  |

Source: Key Statistics for Wales from the 2001 Population Census (Crown Copyright)
Table POP4 displays the percentage of households with dependent children from the 2001 Census (ranked by the average share for all Electoral Divisions), and visualised in terms of sparse, medium and dense population densities (sparse $=$ less than 150 people per sq. km., medium $=150-1500$ people per sq. km , dense $=$ more than 1500 people per sq. km.). Rural areas have the lowest share of household with dependent children - reinforcing the evidence of an ageing population in rural Wales identified in table POP2 and displayed in the map analysis of age groups.

Table POP5 : Percentage of population who speak Welsh, were born in Wales or identify with being Welsh in 2001 by unitary authority

| Unitary Authority | Category | No Welsh Skills | Speaks Welsh | Welsh ethnicity | Born in Wales | Born in rest of UK |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Flintshire | Other | 83\% | 13\% | 6\% | 51\% | 46\% |
| The Vale of Glamorgan |  | 88\% | 10\% | 13\% | 76\% | 21\% |
| Wrexham |  | 81\% | 14\% | 9\% | 72\% | 26\% |
| Carmarthenshire | Rural | 39\% | 49\% | 23\% | 80\% | 18\% |
| Ceredigion |  | 43\% | 49\% | 22\% | 59\% | 38\% |
| Conwy |  | 63\% | 29\% | 12\% | 54\% | 43\% |
| Denbighshire |  | 66\% | 26\% | 11\% | 58\% | 39\% |
| Gwynedd |  | 27\% | 66\% | 27\% | 70\% | 27\% |
| Isle of Anglesey |  | 31\% | 59\% | 19\% | 68\% | 30\% |
| Monmouthshire |  | 93\% | 5\% | 7\% | 61\% | 35\% |
| Pembrokeshire |  | 75\% | 19\% | 13\% | 69\% | 28\% |
| Powys |  | 74\% | 19\% | 13\% | 56\% | 42\% |
|  |  |  |  |  |  |  |
| Cardiff | Urban | 87\% | 10\% | 13\% | 75\% | 17\% |
| Newport |  | 94\% | 5\% | 9\% | 81\% | 14\% |
| Swansea |  | 80\% | 13\% | 15\% | 82\% | 14\% |
|  |  |  |  |  |  |  |
| Blaenau Gwent | Valley | 93\% | 5\% | 12\% | 92\% | 7\% |
| Bridgend |  | 84\% | 12\% | 16\% | 85\% | 13\% |
| Caerphilly |  | 89\% | 9\% | 15\% | 90\% | 8\% |
| Merthyr Tydfil |  | 87\% | 10\% | 16\% | 92\% | 7\% |
| Neath Port Talbot |  | 75\% | 18\% | 17\% | 89\% | 9\% |
| Rhondda Cynon Taff |  | 83\% | 13\% | 17\% | 90\% | 8\% |
| Torfaen |  | 93\% | 5\% | 10\% | 86\% | 12\% |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Other |  | 84\% | 12\% | 9\% | 65\% | 32\% |
| Rural |  | 56\% | 36\% | 17\% | 65\% | 32\% |
| Urban |  | 86\% | 10\% | 13\% | 79\% | 16\% |
| Valley |  | 85\% | 11\% | 15\% | 89\% | 9\% |
|  |  |  |  |  |  |  |
| Wales |  | 76\% | 19\% | 14\% | 75\% | 21\% |
|  |  |  |  |  |  |  |
| Source: Censu s of Population 2001 |  |  |  |  |  |  |

Table POP5 displays information on whether people have knowledge of the Welsh language, consider themselves to be Welsh (Welsh ethnicity), and country of birth information. While knowledge of the Welsh language and Welsh ethnicity data clearly mirror the previous map analysis with major concentrations in north-west and southwest Wales, it is interesting that the rural and 'other' UAs have the lowest levels of people born in Wales and the highest proportions of those born elsewhere in the UK reflecting migration patterns described previously in this Theme chapter.

Table POP6 : Percentage of population in broad age bands in 2001 by Unitary Authority

|  |  | Age bands |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unitary Authority | Category | 0-15 | 16-24 | 25-44 | 45-64 | 65+ |
| Flintshire | Other | 21\% | 10\% | 29\% | 26\% | 15\% |
| The Vale of Glamorgan |  | 21\% | 10\% | 26\% | 26\% | 17\% |
| Wrexham |  | 20\% | 11\% | 28\% | 25\% | 16\% |
| Carmarthenshire | Rural | 19\% | 10\% | 25\% | 26\% | 20\% |
| Ceredigion |  | 17\% | 16\% | 22\% | 26\% | 18\% |
| Conwy |  | 18\% | 9\% | 24\% | 26\% | 23\% |
| Denbighshire |  | 20\% | 9\% | 25\% | 26\% | 20\% |
| Gwynedd |  | 19\% | 12\% | 24\% | 25\% | 19\% |
| Isle of Anglesey |  | 19\% | 10\% | 25\% | 27\% | 19\% |
| Monmouthshire |  | 20\% | 9\% | 26\% | 28\% | 18\% |
| Pembrokeshire |  | 20\% | 9\% | 24\% | 27\% | 19\% |
| Powys |  | 19\% | 8\% | 25\% | 27\% | 20\% |
| Cardiff | Urban | 21\% | 15\% | 29\% | 21\% | 15\% |
| Newport |  | 22\% | 10\% | 28\% | 24\% | 16\% |
| Swansea |  | 19\% | 12\% | 26\% | 24\% | 18\% |
| Blaenau Gwent | Valley | 21\% | 10\% | 27\% | 25\% | 17\% |
| Bridgend |  | 20\% | 10\% | 28\% | 25\% | 17\% |
| Caerphilly |  | 22\% | 10\% | 28\% | 25\% | 15\% |
| Merthyr Tydfil |  | 22\% | 11\% | 27\% | 24\% | 16\% |
| Neath Port Talbot |  | 20\% | 10\% | 27\% | 25\% | 18\% |
| Rhondda Cynon Taff |  | 21\% | 11\% | 27\% | 24\% | 16\% |
| Torfaen |  | 21\% | 10\% | 27\% | 25\% | 17\% |
| Other |  | 21\% | 10\% | 28\% | 25\% | 16\% |
| Rural |  | 19\% | 10\% | 25\% | 27\% | 20\% |
| Urban |  | 20\% | 13\% | 28\% | 22\% | 16\% |
| Valley |  | 21\% | 10\% | 28\% | 25\% | 17\% |
| Wales |  | 20\% | 11\% | 27\% | 25\% | 17\% |
| Source: Census of Population 2001 |  |  |  |  |  |  |

Table POP7 displays in tabular form for Unitary Authorities in Wales the age structure of rural and 'other' UAs compared to urban and valley areas. Here, again the trends identified in map form are clearly evident with lower than average proportions of the younger age groups in the rural UAs but higher proportions of the older age groups as identified previously in the map analysis.

