



# Shetland in Statistics



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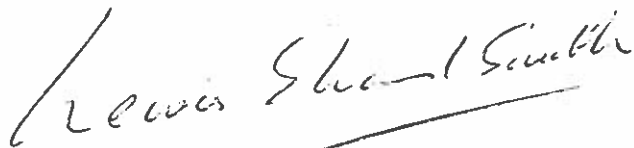
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Cover photo:  
Small Boat Harbour,  
Lerwick

## Introduction

Shetland in Statistics is now in its 24th year of production. It has grown from a 10 page leaflet to a 72 page booklet and covers the most often requested and most useful statistics available in relation to Shetland. The past 24 years have seen many changes in Shetland socially, politically and economically. We have attempted to record and present the statistics and information which reflect these changes in as accurate and interesting a way as possible. I hope that the many students, journalists, researchers, tourists and Shetlanders who buy and read this book will find it fulfils their needs.



**Lewis S. Smith**  
*Convener, Shetland Islands Council*

## Acknowledgements

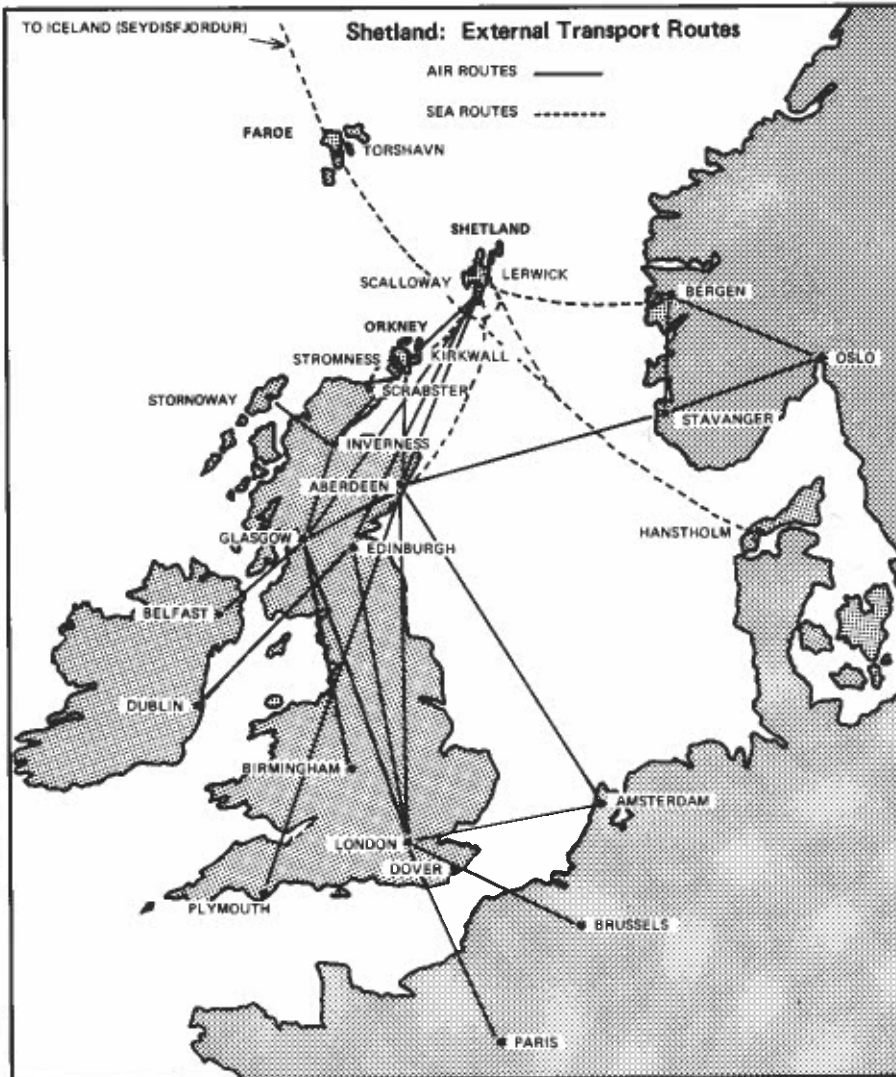
The Development Department would like to thank all those who have contributed information to this publication. Their help and co-operation is greatly appreciated.

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## Shetland: Location

Lerwick is Lat 60° 9' N  
Lon 1° 9' W



## Shetland: Physical Characteristics

Distance by road in kilometres (miles) from Lerwick.

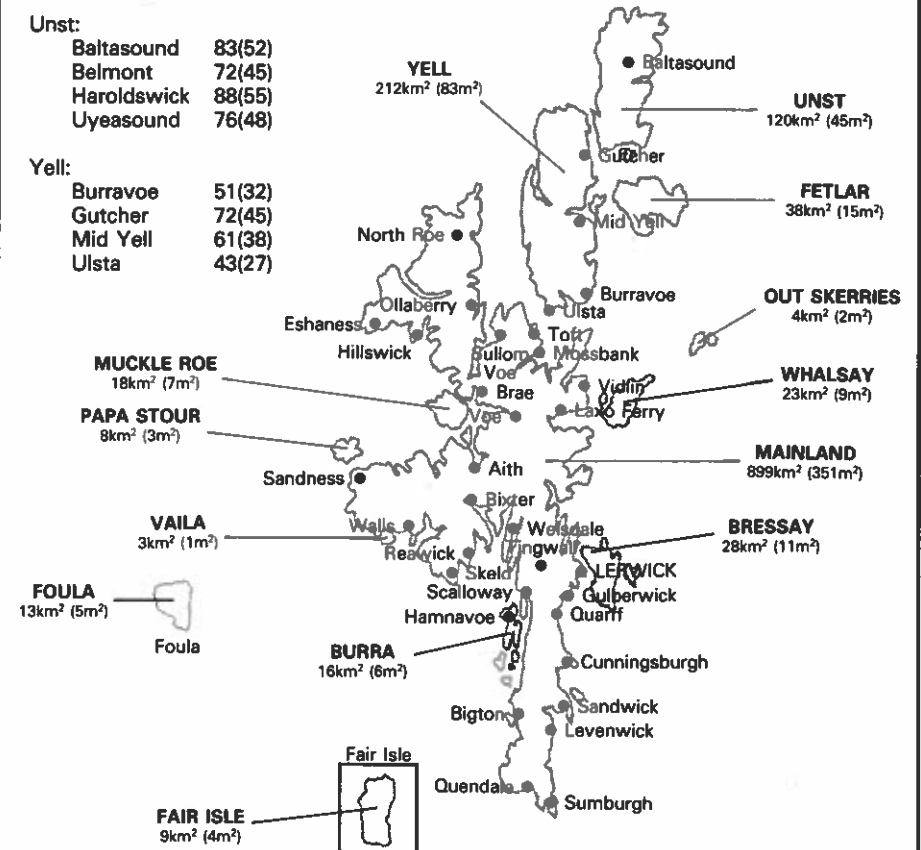
|                 |        |            |        |            |        |
|-----------------|--------|------------|--------|------------|--------|
| Aith            | 34(21) | Laxo Ferry | 35(22) | Scalloway  | 13(8)  |
| Bigton          | 30(19) | Levenwick  | 28(18) | Skeld      | 40(25) |
| Bixter          | 27(17) | Mossbank   | 43(27) | Sullom Voe | 46(29) |
| Brae            | 35(22) | North Roe  | 61(38) | Sumburgh   | 40(25) |
| Cunningsburgh   | 18(11) | Ollaberry  | 53(33) | Tingwall   | 10(6)  |
| Eshaness        | 62(39) | Quarff     | 11(7)  | Toft Ferry | 43(27) |
| Girista         | 16(10) | Quendale   | 38(24) | Vidlin     | 38(24) |
| Gulberwick      | 6(4)   | Reawick    | 38(24) | Voe        | 29(18) |
| Hamnavoe, Burra | 16(10) | Sandness   | 46(29) | Walls      | 40(25) |
| Hillswick       | 56(35) | Sandwick   | 24(15) | Weisdale   | 17(11) |

Unst:

|             |        |
|-------------|--------|
| Baltasound  | 83(52) |
| Belmont     | 72(45) |
| Haroldswick | 88(55) |
| Uyeasound   | 76(48) |

Yell:

|          |        |
|----------|--------|
| Burravoe | 51(32) |
| Gutcher  | 72(45) |
| Mid Yell | 61(38) |
| Ulst     | 43(27) |



Total Area of Shetland: 1,468 square kilometres (567 square miles)\*  
Total Length of coastline: approx. 1,450 kilometres (900 miles)\*\*

\* Ordnance Survey, 1988

\*\* Prof. D. Flinn, 1975 estimate

Number of islands: 100 +

Number of inhabited islands: 15

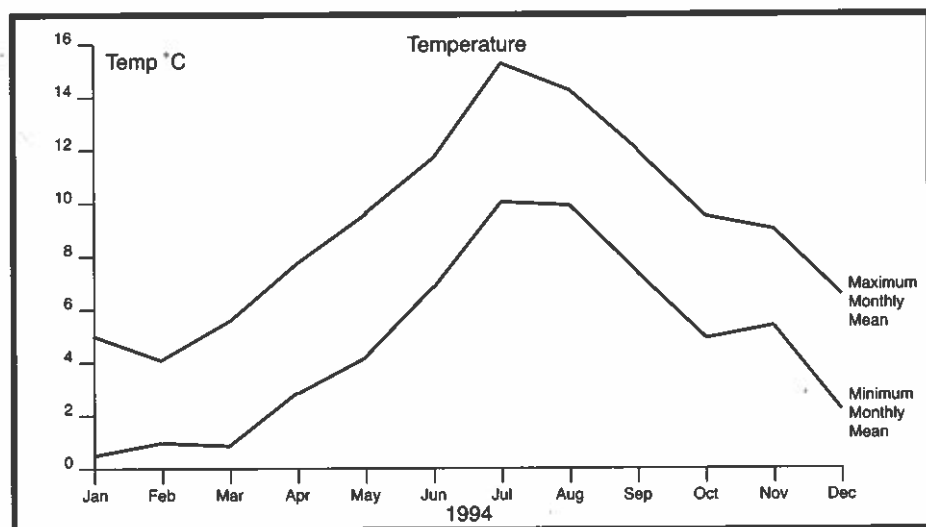
# Climate

Observations are recorded in Shetland by staff employed by the Meteorological Office in Lerwick, Sella Ness and Sumburgh. There are also official Auxiliary Synoptic Reporting Stations in Fair Isle and Foula.

Observations from the Lerwick Observatory began in 1921, although the first full year of recordings was not until 1922. The recorded meteorological observations from Lerwick Observatory for 1994 are as follows:

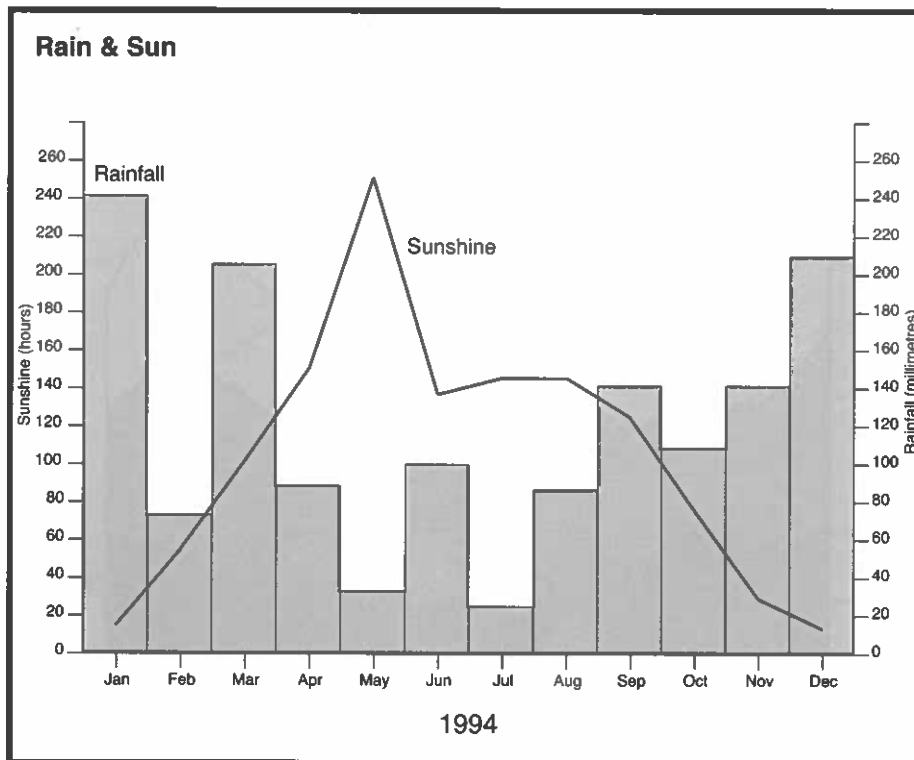
## Temperature (degrees C)

|             | 1994<br>monthly mean |            | Extreme Daily Values<br>(1922-1994) |                           |
|-------------|----------------------|------------|-------------------------------------|---------------------------|
|             | Max.                 | Min.       | Max. (Year)                         | Min. (Year)               |
| Jan         | 5.0                  | 0.4        | 11.7 ('32, '50)                     | -8.9 ('52, '59)           |
| Feb         | 4.1                  | 0.9        | 11.7 ('45)                          | -7.3 ('80)                |
| Mar         | 5.5                  | 0.6        | 13.3 ('61)                          | -8.3 ('47)                |
| Apr         | 7.7                  | 2.8        | 16.1 ('42)                          | -5.7 ('68)                |
| May         | 9.7                  | 4.1        | 20.7 ('92)                          | -2.8 ('23)                |
| Jun         | 11.5                 | 6.9        | 23.3 ('58)                          | -0.6 ('24, '29, '31, '51) |
| Jul         | 15.1                 | 10.0       | 23.4 ('91)                          | 3.3 ('21)                 |
| Aug         | 14.2                 | 9.8        | 21.5 ('82)                          | 1.7 ('21)                 |
| Sep         | 12.0                 | 7.4        | 19.4 ('53)                          | -0.6 ('54)                |
| Oct         | 9.5                  | 4.9        | 17.2 ('55)                          | -3.3 ('48)                |
| Nov         | 9.0                  | 5.3        | 13.9 ('46)                          | -5.7 ('62)                |
| Dec         | 6.5                  | 2.2        | 12.2 ('48)                          | -8.2 ('61)                |
| <b>Year</b> | <b>9.1</b>           | <b>4.6</b> |                                     |                           |



## Sunshine and Rainfall (Monthly Totals)

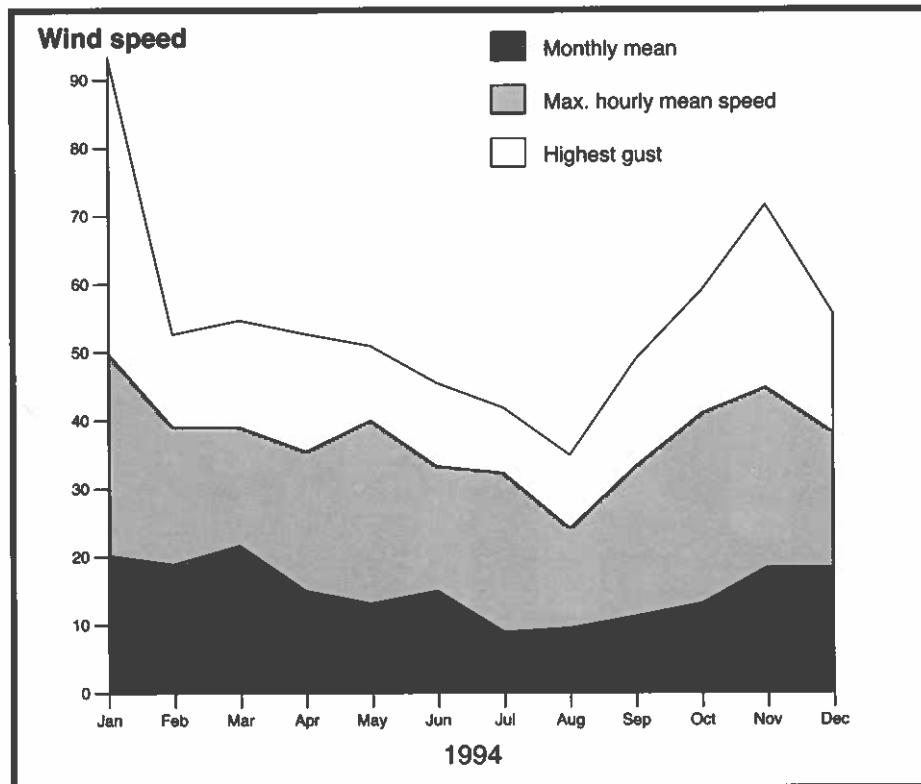
|             | Sunshine (hours) |                                     | Rainfall (millimetres) |                                     |
|-------------|------------------|-------------------------------------|------------------------|-------------------------------------|
|             | 1994             | Extreme daily values<br>(1922-1994) | 1994                   | Extreme daily values<br>(1922-1994) |
| Jan         | 15.3             | 6.6 ('39)                           | 242                    | 39 ('27)                            |
| Feb         | 53.5             | 9.8 ('40)                           | 75                     | 44 ('26)                            |
| Mar         | 101.8            | 11.6 ('64)                          | 206                    | 40 ('52)                            |
| Apr         | 151.4            | 14.8 ('26)                          | 89                     | 34 ('40)                            |
| May         | 251.9            | 16.2 ('40, '57, '80)                | 34                     | 50 ('66)                            |
| Jun         | 138.2            | 17.4 ('34)                          | 100                    | 37 ('81)                            |
| Jul         | 144.0            | 16.6 ('35)                          | 25                     | 86 ('35)                            |
| Aug         | 144.2            | 15.1 ('38)                          | 86                     | 47 ('94)                            |
| Sep         | 124.3            | 12.6 ('43)                          | 141                    | 47 ('54)                            |
| Oct         | 77.8             | 10.1 ('37)                          | 109                    | 59 ('81)                            |
| Nov         | 29.7             | 6.8 ('67)                           | 141                    | 66 ('49)                            |
| Dec         | 13.7             | 5.1 ('57)                           | 210                    | 37 ('51)                            |
| <b>Year</b> | <b>1245.8</b>    |                                     | <b>1458</b>            |                                     |



## Wind Speed (knots)

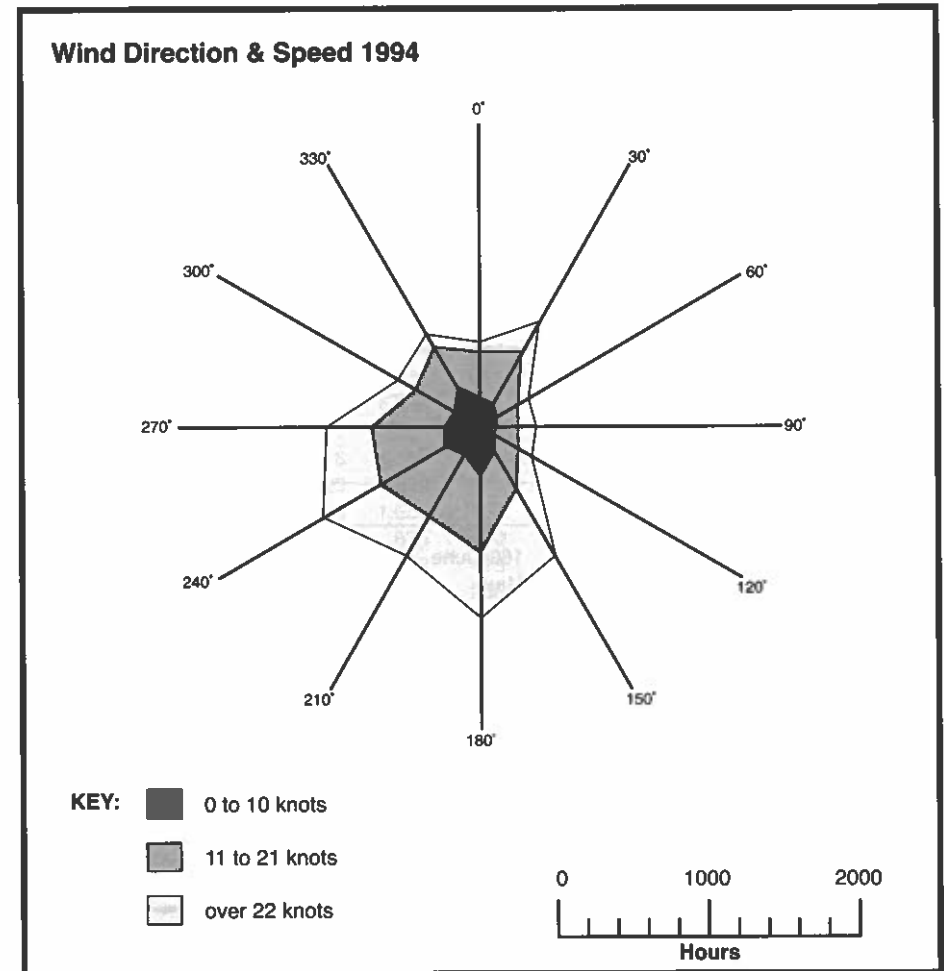
|     | Monthly mean<br>1994 | Max. hourly mean speed<br>1922-1994 |       |           |       | Highest gust<br>1922-1994 |       |           |              |
|-----|----------------------|-------------------------------------|-------|-----------|-------|---------------------------|-------|-----------|--------------|
|     |                      | 1994                                | speed | direction | year  | 1994                      | speed | direction | year         |
| Jan | 20.2                 | 50                                  | (64   | 220       | 1961) | 94                        | (95   | 220       | 1960 & 1992) |
| Feb | 18.9                 | 39                                  | (56   | 230       | 1981) | 53                        | (83   | 220       | 1957)        |
| Mar | 21.9                 | 39                                  | (53   | 240       | 1967) | 55                        | (77   | 240       | 1967)        |
| Apr | 15.1                 | 36                                  | (55   | 250       | 1957) | 53                        | (78   | 250       | 1957)        |
| May | 13.3                 | 40                                  | (44   | 100       | 1982) | 51                        | (65   | 110       | 1982)        |
| Jun | 15.1                 | 33                                  | (42   | 260       | 1955) | 46                        | (61   | 260       | 1955)        |
| Jul | 9.1                  | 32                                  | (40   | 030       | 1940) | 42                        | (61   | 290       | 1964)        |
| Aug | 9.8                  | 24                                  | (50   | 240       | 1923) | 35                        | (71   | 240       | 1923)        |
| Sep | 12.5                 | 33                                  | (59   | 210       | 1978) | 49                        | (87   | 260       | 1963)        |
| Oct | 15.1                 | 41                                  | (58   | 230       | 1965) | 59                        | (90   | 250       | 1980)        |
| Nov | 18.6                 | 45                                  | (51   | 240       | 1973) | 72                        | (80   | 220       | 1938)        |
| Dec | 18.6                 | 38                                  | (58   | 260       | 1949) | 56                        | (90   | 220       | 1956)        |

(Lerwick Observatory: 60°08'N, 01°11'W. Wind vane 93m above sea level)



## Wind Direction & Speed in hours 1994

|                            | 0°  | 30° | 60° | 90° | 120° | 150° | 180° | 210° | 240° | 270° | 300° | 330° |
|----------------------------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|
| 0 to 10 knots              | 203 | 159 | 120 | 110 | 158  | 471  | 382  | 234  | 261  | 195  | 225  | 284  |
| 11 to 21 knots             | 278 | 278 | 182 | 117 | 201  | 368  | 411  | 327  | 578  | 353  | 205  | 281  |
| Over 22 knots              | 41  | 34  | 18  | 30  | 100  | 469  | 278  | 378  | 584  | 249  | 79   | 54   |
| Total hours under 11 knots | 203 | 159 | 120 | 110 | 158  | 471  | 382  | 234  | 261  | 195  | 225  | 284  |
| Total hours under 22 knots | 481 | 437 | 302 | 227 | 359  | 839  | 793  | 561  | 839  | 548  | 430  | 565  |
| Total hours                | 522 | 596 | 422 | 337 | 517  | 1310 | 1175 | 795  | 1100 | 743  | 655  | 849  |



## No. of days in 1994 with:

|              | Snow or Sleet | Air Frost | Thunder   | Gales     | Fog       | Rain       |
|--------------|---------------|-----------|-----------|-----------|-----------|------------|
| Jan          | 20            | 13        | 3         | 13        | 1         | 29         |
| Feb          | 13            | 8         | 2         | 4         | 0         | 15         |
| Mar          | 24            | 11        | 2         | 16        | 0         | 30         |
| Apr          | 5             | 1         | 0         | 3         | 0         | 23         |
| May          | 0             | 0         | 0         | 1         | 2         | 9          |
| Jun          | 0             | 0         | 0         | 1         | 2         | 24         |
| Jul          | 0             | 0         | 0         | 0         | 3         | 12         |
| Aug          | 0             | 0         | 0         | 0         | 1         | 13         |
| Sep          | 0             | 0         | 2         | 1         | 1         | 23         |
| Oct          | 4             | 4         | 0         | 4         | 0         | 22         |
| Nov          | 0             | 0         | 0         | 6         | 2         | 22         |
| Dec          | 9             | 5         | 1         | 10        | 0         | 28         |
| <b>Total</b> | <b>75</b>     | <b>42</b> | <b>10</b> | <b>59</b> | <b>12</b> | <b>250</b> |

Days of Snow or Sleet: snow or sleet observed at any time of day.

Air Frost: minimum air temperature less than 0.0 deg. C. at any time of day.

Thunder: thunder heard at any time of day.

Gales: mean wind speed greater than or equal to 34 knots for at least 10 minutes.

Fog: visibility less than 1000 metres at 09.00 H GMT.

Rain: precipitation 0.2mm or more recorded in the 24 hour period commencing 09.00 H GMT.

## Extreme Values 1994

### Temperature (deg. C.)

|            |            |        |
|------------|------------|--------|
| Max. Temp. | 1st August | 17.4°C |
| Min. Temp. | 21st March | -5.9°C |

### Sunshine (hours)

|                |           |             |
|----------------|-----------|-------------|
| Sunniest Day   | 16th June | 16.8 hours  |
| Sunniest Month | May       | 251.9 hours |

### Rainfall (millimetres)

|               |              |       |
|---------------|--------------|-------|
| Wettest Day   | 29th January | 27.1  |
| Wettest Month | January      | 241.7 |
| Driest Month  | July         | 25.1  |

### Wind Speed (knots)

|                |              |      |
|----------------|--------------|------|
| Highest Gust   | 23rd January | 95   |
| Windiest Month | March        | 21.9 |

## Population

After decades of decline the population of Shetland, which had fallen to nearly 17,000 in the mid-1960s, rose by 35% between 1971 and 1981 as a direct result of oil related activity. In the early 1980s the population fell due to out migration after the end of oil construction activity and difficulties at Sumburgh Airport. In the latter half of the 1980s and the early 1990s the population level has been fairly stable.

Within the overall picture there is a shift towards a more elderly society and fewer young people entering the labour market. This is a national trend and needs to be borne in mind when considering the level of service provision illustrated later on in this booklet.

Another issue related to population and the subsequent topic of unemployment is that of depopulation. As the table on page 15 shows, Shetland has a low level of unemployment compared to other areas of Scotland.

## Population Breakdown by Age and Sex

| Age group    | 1981          |               |               | 1991          |               |               | 1994          |               |               |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|              | Males         | Females       | Total         | Males         | Females       | Total         | Males         | Females       | Total         |
| 0-4          | 888           | 890           | 1,778         | 830           | 797           | 1,627         | 855           | 803           | 1,658         |
| 5-9          | 901           | 881           | 1,782         | 815           | 743           | 1,558         | 852           | 793           | 1,645         |
| 10-14        | 959           | 913           | 1,872         | 903           | 837           | 1,740         | 858           | 801           | 1,659         |
| 15-19        | 907           | 846           | 1,753         | 831           | 790           | 1,621         | 818           | 733           | 1,551         |
| 20-24        | 886           | 791           | 1,677         | 838           | 757           | 1,595         | 746           | 674           | 1,420         |
| 25-29        | 1,006         | 852           | 1,858         | 883           | 785           | 1,668         | 944           | 805           | 1,749         |
| 30-34        | 1,052         | 874           | 1,926         | 851           | 792           | 1,649         | 976           | 873           | 1,849         |
| 35-39        | 857           | 782           | 1,639         | 917           | 795           | 1,712         | 886           | 823           | 1,709         |
| 40-44        | 706           | 577           | 1,283         | 933           | 787           | 1,720         | 883           | 755           | 1,638         |
| 45-49        | 571           | 518           | 1,089         | 767           | 713           | 1,480         | 872           | 778           | 1,650         |
| 50-54        | 503           | 520           | 1,023         | 614           | 556           | 1,170         | 738           | 638           | 1,376         |
| 55-59        | 542           | 516           | 1,058         | 500           | 491           | 991           | 551           | 517           | 1,068         |
| 60-64        | 385           | 488           | 873           | 439           | 454           | 893           | 474           | 429           | 903           |
| 65-69        | 443           | 510           | 953           | 415           | 474           | 889           | 390           | 451           | 841           |
| 70-74        | 371           | 512           | 883           | 295           | 439           | 734           | 348           | 478           | 826           |
| 75-79        | 239           | 411           | 650           | 261           | 396           | 657           | 183           | 345           | 528           |
| 80-84        | 157           | 259           | 416           | 165           | 314           | 479           | 156           | 293           | 449           |
| 85 +         | 64            | 191           | 255           |               |               |               |               |               |               |
| 85-89        |               |               |               | 72            | 182           | 254           | 69            | 201           | 270           |
| 90 +         |               |               |               | 24            | 61            | 85            | 18            | 73            | 91            |
| <b>Total</b> | <b>11,437</b> | <b>11,331</b> | <b>22,768</b> | <b>11,359</b> | <b>11,163</b> | <b>22,522</b> | <b>11,617</b> | <b>11,263</b> | <b>22,880</b> |

1981 figures from 1981 Census – (usually resident population, not including temporary residents).

1991 figures from 1991 Census – (usually resident population). See note on page 12.

1994 figures – General Register Office mid-year estimate.

## Population of Shetland by area:

|  | 1931          | 1951          | 1961          | 1971          | 1981          | 1991          |
|--|---------------|---------------|---------------|---------------|---------------|---------------|
| Unst .....                                 | 1,341         | 1,112         | 1,151         | 1,127         | 1,140         | 1,055         |
| Yell .....                                 | 1,883         | 1,483         | 1,152         | 1,143         | 1,191         | 1,075         |
| Fetlar .....                               | 217           | 161           | 127           | 88            | 102           | 90            |
| Mavis Grind - North .....                  | 1,343         | 1,054         | 816           | 696           | 898           | 878           |
| Delting .....                              | 958           | 863           | 701           | 674           | 2,719         | 2,490         |
| Nesting .....                              | 822           | 563           | 434           | 380           |               |               |
| Whalsay .....                              | 900           | 859           | 764           | 871           | 1,025         | 1,041         |
| Skerries .....                             | 110           | 127           | 108           | 100           | 88*           | 85            |
| Tresta - Bridge of Walls .....             | 1,562         | 1,225         | 957           | 873           | 859           | 891           |
| West of Bridge of Walls .....              | 884           | 687           | 561           | 483           | 715           | 596           |
| Foula .....                                | 118           | 75            | 54            | 33            | 45*           | 42*           |
| Papa Stour .....                           | 100           | 68            | 55            | 24            | 35*           | 35*           |
| Whiteness/Weisdale/<br>Gott/Tingwall ..... | 1,140         | 1,604         | 1,603         | 1,671         | 1,075         | 1,177         |
| Scalloway .....                            | -             | -             | -             | -             | 1,160         | 1,056         |
| Trondra .....                              | 91            | 54            | 20            | 17            | 88*           | 117           |
| Burra .....                                | 767           | 648           | 653           | 565           | 850*          | 887           |
| Sandwick/Cunningsburgh .....               | 1,507         | 1,376         | 1,172         | 1,120         | 1,303*        | 1,339         |
| Bigton Junction - South .....              | 1,089         | 1,021         | 858           | 848           | 1,347         | 1,515         |
| Fair Isle .....                            | 108           | 73            | 64            | 65            | 69*           | 67            |
| Lerwick .....                              | 4,221         | 5,538         | 5,908         | 6,127         | 7,143         | 7,336         |
| Bressay .....                              | 452           | 335           | 269           | 251           | 335           | 352           |
| Quarff/Gulberwick .....                    | 1,518         | 426           | 385           | 171           | 579*          | 398           |
| <b>Total Population</b> .....              | <b>21,131</b> | <b>19,352</b> | <b>17,812</b> | <b>17,327</b> | <b>22,766</b> | <b>22,522</b> |

\* Estimated

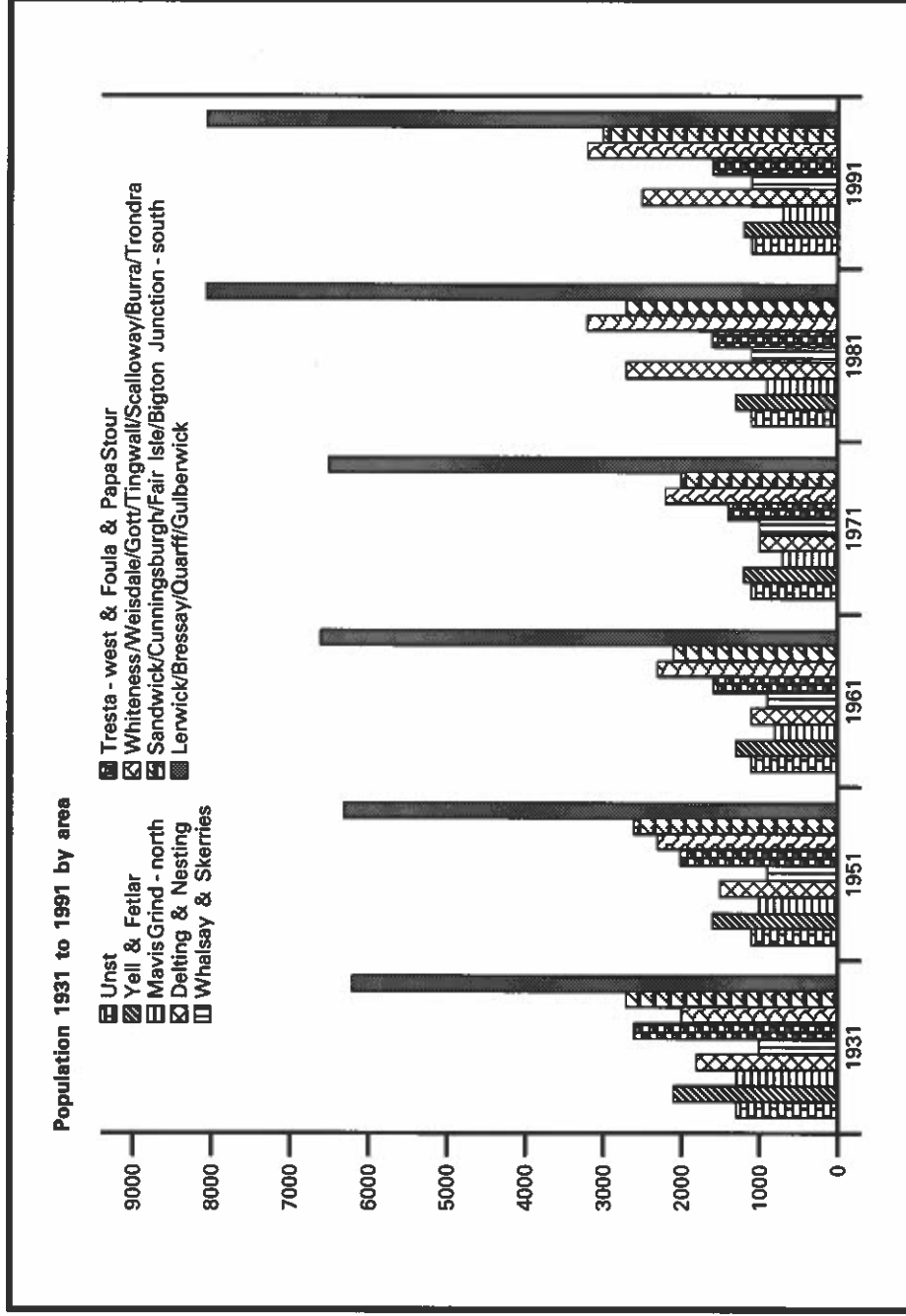
Populations were enumerated on a slightly different basis at the 1981 and 1991 Censuses and are therefore not strictly comparable.

1981 Census - Resident Population excluding absent households.

1991 Census - Resident Population including absent households.

The 1991 estimate is the more accurate representation of the usually resident population.

However, for comparative purposes with the 1981 figure, the 1991 estimate on the same basis, 21,905, represents a drop of nearly 900 (4%) for the decade.





## Introduction to Economy and Industry

One of the key aims of providing statistics is to give a sense of proportion to the various activities that take place within Shetland. The economy is an important factor in this and particularly the primary industries, because in one form or another they exploit the resources that are locally available.

### Value of the Economy 1994

|                  | £M            |
|------------------|---------------|
| Primary Industry | 128.5         |
| Service Sector   | 190.0         |
| Oil              | 90.0          |
| SIC              | 130.0         |
|                  | <u>£538.5</u> |

As the role of the oil industry declines in Shetland it is important that its value in economic terms is replaced. The approach taken has been to identify and encourage potential development opportunities in the primary industries. At present this approach would seem to be succeeding and although the relative value of the oil industry has declined since its peak in the early 1980s, it still provides a significant input to the local economy which it is hoped will continue well into the future.

The table below shows the trends in output in the primary industries over the past decade. Whilst it is encouraging to note that over this time total output has more than doubled, this growth is greater in certain sectors, particularly fisheries and within this specifically salmon farming.

### Traditional Industry Output Values (£ million)

|                 | 1982/83     | 1985/86     | 1987/88     | 1990/91     | 1992         | 1994         |
|-----------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Fish Catching   | 11.2        | 17.0        | 17.8        | 16.7        | 20.0         | 25.0         |
| Fish Processing | 12.7        | 15.0        | 17.5        | 21.0        | 25.0         | 42.0         |
| Salmon Farming  | -           | 3.3         | 19.9        | 23.3        | 33.0         | 35.0         |
| Agriculture     | 5.8         | 7.8         | 9.3         | 10.0        | 11.0         | 13.5         |
| Knitwear        | 4.2         | 6.4         | 6.5         | 3.5         | 4.0          | 3.0          |
| Tourism         | 3.5         | 5.9         | 8.1         | 10.0        | 10.0         | 10.0         |
| <b>Total</b>    | <b>37.4</b> | <b>55.4</b> | <b>79.1</b> | <b>84.5</b> | <b>103.0</b> | <b>128.5</b> |

Source: Development Department, SIC

## Employment

### Economic Activity in Shetland 1971-1991

|   | 1971  |        |        | 1981   |        |        | 1991   |        |        |
|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | Male  | Female | Total  | Male   | Female | Total  | Male   | Female | Total  |
| A | 8,432 | 8,895  | 17,327 | 11,437 | 11,331 | 22,768 | 11,359 | 11,163 | 22,522 |
| B | 6,245 | 6,825  | 13,070 | 8,511  | 8,493  | 17,004 | 8,653  | 8,638  | 17,286 |
| C | 4,935 | 1,890  | 6,825  | 7,056  | 3,901  | 10,957 | 6,906  | 4,541  | 11,447 |
| D | 4,645 | 1,785  | 6,430  | 6,721  | 3,743  | 10,464 | 6,382  | 4,309  | 10,691 |
| E | 290   | 105    | 395    | 335    | 158    | 493    | 387    | 149    | 536    |
| F | 79.0% | 27.7%  | 52.2%  | 82.9%  | 45.9%  | 64.4%  | 79.8%  | 52.5%  | 66.2%  |

A — Total Population (Census); B — Total Population 16+; C — Resident: Economically Active;

D — Resident: In Employment; E — Resident: Out of Employment;

F — % Economically Active (of 16+ population)

Source: Population Census

### Unemployment percentage as at June each year

|                     | 1977 | 1979 | 1981 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| Shetland %          | 4.0  | 2.8  | 5.3  | 6.4  | 4.9  | 3.7  | 3.6  | 3.6  | 4.1  | 3.2  |
| Actual Figures Jan: | 213  | 220  | 402  | 740  | 657  | 416  | 354  | 403  | 470  | 455  |
| July:               | 289  | 233  | 457  | 611  | 440  | 366  | 314  | 370  | 420  | 401  |
| Orkney %            | 4.8  | 5.7  | 9.0  | 11.2 | 7.9  | 5.6  | 5.5  | 5.5  | 5.5  | 4.6  |
| Western Isles %     | 14.0 | 11.8 | 20.1 | 20.2 | 14.3 | 11.9 | 14.5 | 11.0 | 14.7 | 11.6 |
| Grampian %          | 4.3  | 4.6  | 7.6  | 7.5  | 5.3  | 3.8  | 4.0  | 4.2  | 5.0  | 5.3  |
| Strathclyde %       | 9.8  | 9.8  | 16.1 | 15.6 | 12.6 | 11.3 | 12.3 | 11.3 | 12.9 | 11.6 |
| Scotland %          | 8.6  | 8.1  | 13.5 | 11.6 | 9.1  | 7.7  | 9.0  | 9.1  | 9.5  | 9.7  |

1994 percentage figures are for July

### School Leavers Main Destinations 1993/94

| School                 | Total number of leavers | Full time Higher Education | Full time Further Education | Training  | Employment | Other    | Unknown known |
|------------------------|-------------------------|----------------------------|-----------------------------|-----------|------------|----------|---------------|
| Aith Junior High       | 4                       | 0                          | 0                           | 4         | 0          | 0        | 0             |
| Anderson High          | 238                     | 90                         | 25                          | 45        | 72         | 5        | 1             |
| Baltasound Junior High | 2                       | 0                          | 1                           | 1         | 0          | 0        | 0             |
| Brae High              | 28                      | 1                          | 1                           | 16        | 10         | 0        | 0             |
| Mid Yell Junior High   | 3                       | 0                          | 0                           | 3         | 0          | 0        | 0             |
| Sandwick Junior High   | 8                       | 0                          | 2                           | 5         | 1          | 0        | 0             |
| Scalloway Junior High  | 13                      | 0                          | 0                           | 12        | 1          | 0        | 0             |
| Symbister Junior High  | 8                       | 0                          | 0                           | 6         | 2          | 0        | 0             |
| <b>Total</b>           | <b>304</b>              | <b>91</b>                  | <b>29</b>                   | <b>92</b> | <b>86</b>  | <b>5</b> | <b>1</b>      |

Note: Other known includes unemployed

Source: Shetland Careers Service

## Employment in Shetland

|               | 1971(a)      | 1977(b)      | 1981(c)       | 1983(d)       | 1988(d)       | 1991(d)       | 1994(d)       |
|---------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Primary       | 279          | 322          | 938           | 1,276         | 1,187         | 1,258         | 1,053         |
| Manufacturing | 1,335        | 1,125        | 940           | 923           | 962           | 1,121         | 1,130         |
| Construction  | 489          | 1,004        | 906           | 763           | 766           | 817           | 749           |
| Services      | 2,885        | 4,400        | 6,189         | 5,779         | 5,929         | 5,817         | 6,476         |
| Self Employed | 1,445        | 1,450        | 1,452         | 1,455         | 1,565         | 1,691         | 1,708         |
| <b>Total</b>  | <b>6,433</b> | <b>8,301</b> | <b>10,425</b> | <b>10,196</b> | <b>10,409</b> | <b>10,704</b> | <b>11,116</b> |

Sources: (a) 1971 Population Census and Department of Employment; (b) Department of Employment; (c) Shetland Islands Council Research and Development Department estimate; (d) Shetland Islands Council Research and Development Department surveys.

## Distribution of Employment by Area/Type/Gender 1994

| (Male/Female)         | Primary     |            | Manufacturing |            | Construction |           | Service     |             | Total       |             | Total         |
|-----------------------|-------------|------------|---------------|------------|--------------|-----------|-------------|-------------|-------------|-------------|---------------|
|                       | M           | F          | M             | F          | M            | F         | M           | F           | M           | F           |               |
|                       | Unst        | 66         | 9             | 12         | 5            | 16        | 2           | 73          | 96          | 167         | 112           |
| Yell                  | 80          | 17         | 14            | 12         | 6            | 0         | 40          | 97          | 140         | 126         | 266           |
| Fetlar                | 13          | 5          | 0             | 0          | 0            | 0         | 2           | 10          | 15          | 15          | 30            |
| Mavis Grind/North     | 69          | 16         | 7             | 2          | 0            | 1         | 27          | 45          | 103         | 64          | 167           |
| Delting               | 546         | 59         | 47            | 7          | 63           | 2         | 531         | 221         | 1187        | 289         | 1476          |
| Nesting               | 12          | 9          | 0             | 1          | 8            | 6         | 0           | 9           | 20          | 25          | 45            |
| Whalsay               | 188         | 1          | 27            | 62         | 0            | 1         | 15          | 76          | 230         | 140         | 370           |
| Skerries              | 51          | 0          | 0             | 0          | 0            | 1         | 5           | 11          | 56          | 12          | 68            |
| Tresta & Br. of Walls | 83          | 27         | 5             | 13         | 69           | 3         | 33          | 54          | 190         | 97          | 287           |
| West of Br. of Walls  | 100         | 26         | 6             | 2          | 8            | 0         | 15          | 40          | 129         | 68          | 197           |
| Foula                 | 0           | 2          | 0             | 2          | 0            | 0         | 2           | 5           | 2           | 9           | 11            |
| Papa Stour            | 6           | 0          | 0             | 0          | 0            | 2         | 1           | 2           | 7           | 4           | 11            |
| W/W/T**               | 54          | 27         | 46            | 18         | 73           | 3         | 28          | 61          | 201         | 109         | 310           |
| Scalloway             | 182         | 10         | 81            | 51         | 5            | 2         | 121         | 92          | 389         | 155         | 544           |
| Trondra               | 0           | 1          | 0             | 1          | 0            | 0         | 0           | 1           | 0           | 3           | 3             |
| Burra                 | 22          | 3          | 12            | 14         | 10           | 0         | 16          | 24          | 60          | 41          | 101           |
| S/C**                 | 26          | 15         | 12            | 21         | 66           | 3         | 25          | 51          | 129         | 90          | 219           |
| Bigton Jun/South      | 58          | 4          | 1             | 1          | 12           | 2         | 234         | 105         | 305         | 112         | 417           |
| Fair Isle             | 0           | 0          | 3             | 9          | 0            | 3         | 5           | 13          | 8           | 25          | 33            |
| Lerwick               | 192         | 7          | 447           | 216        | 588          | 27        | 1963        | 2760        | 3190        | 3010        | 6200          |
| Bressay               | 9           | 1          | 22            | 2          | 0            | 0         | 4           | 14          | 35          | 17          | 52            |
| Quarff/Gulberwick     | 1           | 1          | 13            | 2          | 1            | 2         | 4           | 6           | 19          | 11          | 30            |
| <b>Total</b>          | <b>1758</b> | <b>240</b> | <b>755</b>    | <b>441</b> | <b>925</b>   | <b>60</b> | <b>3144</b> | <b>3793</b> | <b>6582</b> | <b>4534</b> | <b>11,116</b> |

\*\* Whiteness, Weisdale and Tingwall.

\*\* Sandwick and Cunningsburgh

Source: Development Department, SIC

## Fisheries

### Fish landed in Shetland by UK vessels (Excluding pelagic landings)

|              | White Fish    |                   | Shell Fish   |                  | Sand Eels    |                |
|--------------|---------------|-------------------|--------------|------------------|--------------|----------------|
|              | Tonnes        | £                 | Tonnes       | £                | Tonnes       | £              |
| 1971         | 17,954        | 1,057,691         | 783          | 159,370          | 0            | 0              |
| 1976         | 13,457        | 2,587,548         | 588          | 202,339          | 18,548       | 515,398        |
| 1981         | 11,444        | 3,212,175         | 695          | 328,200          | 40,731       | 1,173,560      |
| 1985         | 15,314        | 8,806,974         | 642          | 416,693          | 17,223       | 528,129        |
| 1986         | 18,941        | 9,979,705         | 736          | 630,639          | 11,960       | 359,162        |
| 1987         | 17,298        | 12,764,227        | 868          | 623,891          | 8,141        | 249,273        |
| 1988         | 14,297        | 10,879,139        | 795          | 690,088          | 9,436        | 341,502        |
| 1989         | 12,427        | 10,735,844        | 1,033        | 1,134,586        | 7,947        | 304,986        |
| 1990         | 11,362        | 12,820,321        | 1,110        | 1,315,049        | 10,544       | 464,655        |
| 1991         | 10,603        | 10,823,185        | 1,004        | 1,402,010        | 8,249        | 392,776        |
| 1992         | 10,556        | 11,171,700        | 1,163        | 1,593,000        | 4,152        | 185,300        |
| 1993         | 12,633        | 11,670,477        | 1,020        | 1,374,362        | 2,943        | 123,949        |
| <b>1994</b>  |               |                   |              |                  |              |                |
| Jan          | 1,161         | 1,154,099         | 46           | 74,447           | 0            | 0              |
| Feb          | 1,252         | 1,228,070         | 70           | 113,090          | 0            | 0              |
| Mar          | 890           | 956,151           | 41           | 66,113           | 0            | 0              |
| Apr          | 1,016         | 1,065,307         | 123          | 144,851          | 0            | 0              |
| May          | 1,150         | 1,166,062         | 122          | 141,874          | 218          | 9,169          |
| Jun          | 915           | 872,764           | 168          | 181,127          | 2,948        | 139,354        |
| Jul          | 839           | 760,337           | 187          | 198,206          | 3,929        | 194,259        |
| Aug          | 848           | 818,384           | 191          | 200,996          | 1,596        | 80,991         |
| Sep          | 1,162         | 1,070,617         | 137          | 169,596          | 0            | 0              |
| Oct          | 996           | 1,009,311         | 61           | 101,773          | 0            | 0              |
| Nov          | 1,061         | 998,688           | 56           | 95,850           | 0            | 0              |
| Dec          | 704           | 948,381           | 66           | 127,633          | 0            | 0              |
| <b>Total</b> | <b>11,994</b> | <b>12,048,171</b> | <b>1,268</b> | <b>1,615,556</b> | <b>8,691</b> | <b>423,773</b> |

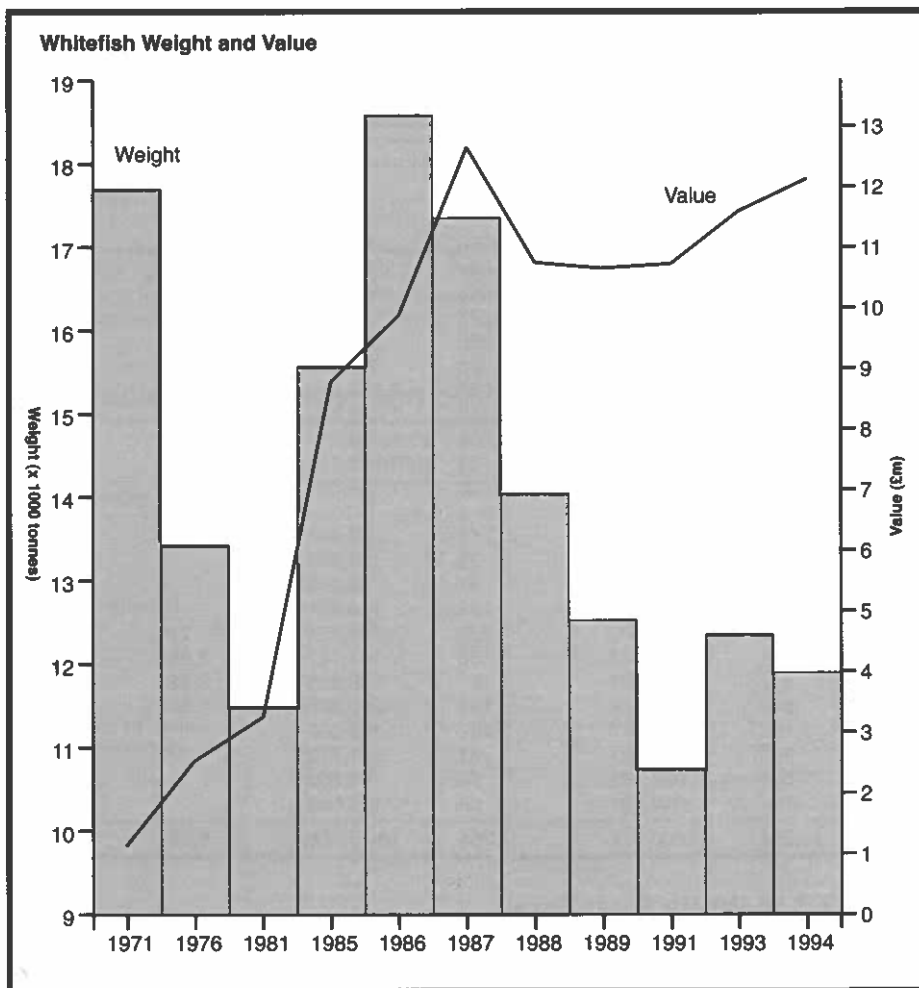
### Included in White Fish Total

|          | 1991   |           | 1993   |           | 1994   |           |
|----------|--------|-----------|--------|-----------|--------|-----------|
|          | Tonnes | £         | Tonnes | £         | Tonnes | £         |
| Cod      | 2,220  | 2,744,602 | 2,049  | 2,096,037 | 2,039  | 2,330,252 |
| Haddock  | 2,140  | 2,447,125 | 4,569  | 3,139,281 | 4,003  | 2,967,435 |
| Whiting  | 2,463  | 1,437,210 | 2,585  | 1,212,100 | 2,215  | 1,112,922 |
| Monkfish | 1,429  | 3,554,426 | 1,630  | 3,918,849 | 1,728  | 4,050,368 |

### Average Quay Prices per tonne

|          | 1985   | 1986     | 1988     | 1989     | 1991     | 1993     | 1994     |
|----------|--------|----------|----------|----------|----------|----------|----------|
|          | £      | £        | £        | £        | £        | £        | £        |
| Cod      | 634.85 | 828.42   | 894.84   | 936.23   | 1,236.31 | 1,022.95 | 1,142.84 |
| Haddock  | 610.10 | 565.40   | 608.86   | 749.94   | 1,143.52 | 687.08   | 741.30   |
| Whiting  | 476.92 | 506.43   | 580.81   | 549.73   | 583.52   | 468.89   | 502.44   |
| Monkfish | —      | 1,507.60 | 1,450.83 | 2,029.40 | 2,487.35 | 2,404.20 | 2,343.96 |

Source: Scottish Fisheries Protection Agency



**Total Wet Fish landed in Shetland by UK vessels (all species)**

|               | 1985       | 1988       | 1991       | 1993       | 1994       |
|---------------|------------|------------|------------|------------|------------|
| <b>Tonnes</b> | 68,966     | 65,842     | 104,187    | 107,140    | 153,062    |
| <b>£</b>      | 13,826,680 | 15,661,106 | 21,338,570 | 23,907,266 | 30,101,794 |

Source: Scottish Fisheries Protection Agency

**Pelagic Landings in Shetland by UK vessels**

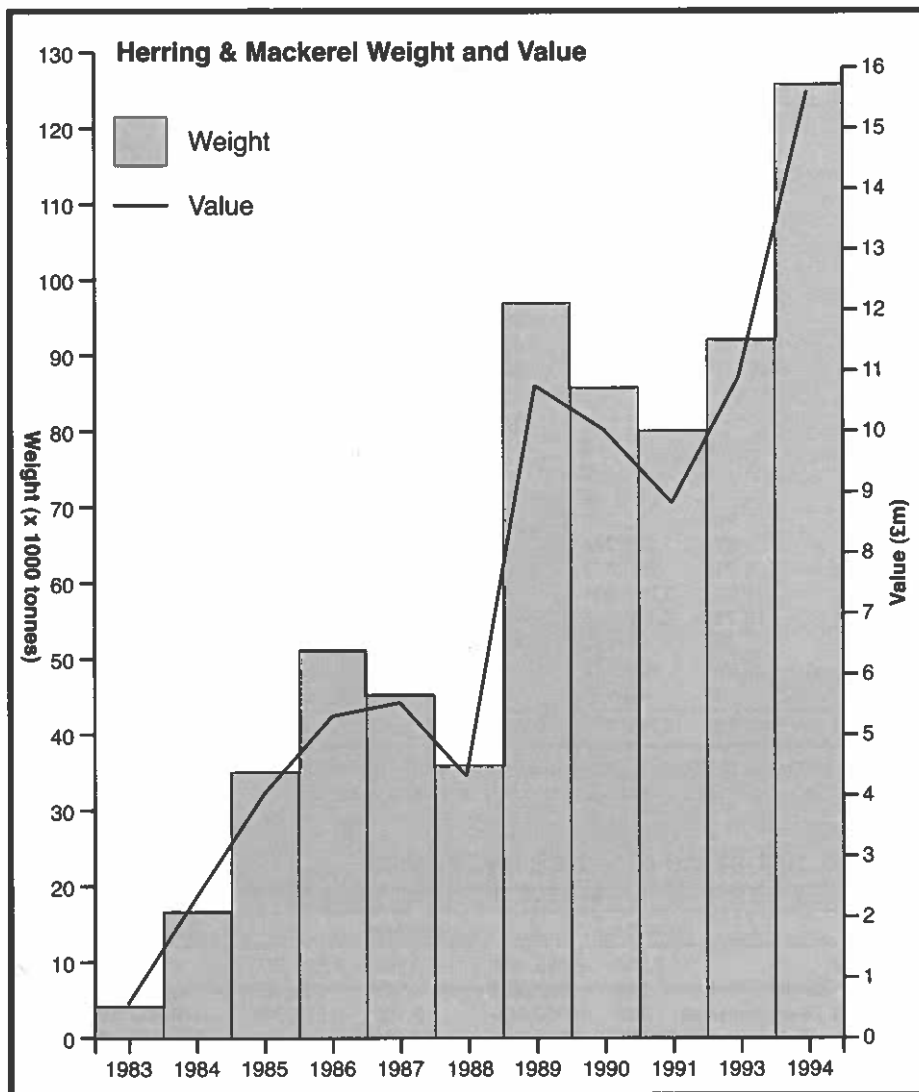
|              | Herring       |                  | Mackerel      |                   | Other Pelagic |                  |
|--------------|---------------|------------------|---------------|-------------------|---------------|------------------|
|              | Tonnes        | £                | Tonnes        | £                 | Tonnes        | £                |
| 1983         | 4,656         | 643,822          | 0             | 0                 | 0             | 0                |
| 1984         | 17,784        | 2,251,719        | 49            | 2,782             | 488           | 25,393 (a)       |
| 1985         | 31,938        | 3,804,000        | 2,710         | 226,585           | 1,109         | 49,886 (a)       |
| 1986         | 51,230        | 5,216,706        | 226           | 29,558            | 313           | 31,302 (a)       |
| 1987         | 45,193        | 5,425,585        | 1,120         | 118,517           | 335           | 22,441 (b)       |
| 1988         | 36,910        | 4,233,525        | 917           | 55,579            | 4,282         | 151,361          |
| 1989         | 49,572        | 5,331,545        | 47,776        | 5,450,084         | 3,252         | 151,888          |
| 1990         | 49,113        | 5,479,327        | 39,197        | 4,515,021         | 5,530         | 250,333          |
| 1991         | 41,684        | 3,963,148        | 38,514        | 4,829,790         | 5,124         | 284,674          |
| 1992         | 37,497        | 3,596,300        | 59,777        | 7,255,200         | 3,945         | 183,200          |
| 1993         | 32,310        | 3,392,744        | 59,871        | 7,547,925         | 27,514        | 1,331,573        |
| <b>1994</b>  |               |                  |               |                   |               |                  |
| Jan          | 0             | 0                | 34,612        | 4,532,024         | 0             | 0                |
| Feb          | 0             | 0                | 4,734         | 643,515           | 1,223         | 51,788 (c)       |
| Mar          | 0             | 0                | 120           | 9,966             | 5,162         | 216,822 (a+c)    |
| Apr          | 0             | 0                | 0             | 0                 | 7,757         | 326,613 (c)      |
| May          | 141           | 20,742           | 0             | 0                 | 1,284         | 210,818 (c)      |
| Jun          | 976           | 126,724          | 0             | 0                 | 0             | 0                |
| Jul          | 6,715         | 750,977          | 0             | 0                 | 0             | 0                |
| Aug          | 21,032        | 2,256,634        | 0             | 0                 | 0             | 0                |
| Sep          | 10,731        | 1,142,945        | 964           | 132,580           | 0             | 0                |
| Oct          | 427           | 43,097           | 22,492        | 2,949,028         | 4,119         | 310,670 (a)      |
| Nov          | 4,085         | 422,025          | 2,918         | 401,356           | 148           | 9,472 (a+b)      |
| Dec          | 60            | 6,050            | 15,974        | 2,170,523         | 0             | 0                |
| <b>Total</b> | <b>44,167</b> | <b>4,769,194</b> | <b>81,814</b> | <b>10,838,992</b> | <b>19,693</b> | <b>1,126,183</b> |

(a) Horse Mackerel; (b) Scad & Sprats; (c) Blue Whiting; (d) Capelin  
 Note: Blue Whiting figures include landings by Norwegian vessels

**Weight and Value of Catch by Method**

|                              | 1991           |                   | 1993           |                   | 1994           |                   |
|------------------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
|                              | Tonnes         | £                 | Tonnes         | £                 | Tonnes         | £                 |
| Seine Net                    | 3,346          | 2,595,164         | 2,157          | 1,521,250         | 1,602          | 1,224,082         |
| Industrial Trawler           | 8,249          | 392,856           | 3,173          | 133,157           | 8,764          | 427,578           |
| Single Boat Trawl (Demersal) | 7,692          | 8,983,964         | 9,700          | 9,617,341         | 9,403          | 10,085,870        |
| Purse Seine                  | 74,932         | 8,091,220         | 77,185         | 9,239,091         | 101,098        | 12,221,686        |
| Pair Trawl (Demersal)        | 359            | 261,024           | 833            | 637,038           | 647            | 514,132           |
| Pair Trawl (Pelagic)         | 2,798          | 344,707           | 7,189          | 831,306           | 20,564         | 2,669,305         |
| Single Boat Trawl (Pelagic)  | 7,583          | 732,290           | 5,931          | 667,873           | 9,370          | 1,119,372         |
| Pair Seine                   | 0              | 0                 | 0              | 0                 | 352            | 267,873           |
| Scallop Dredging             | 404            | 801,552           | 575            | 858,648           | 678            | 1,086,902         |
| Queen Escallop               | 40             | 15,116            | 21             | 7,933             | 10             | 7,182             |
| Creels                       | 404            | 398,285           | 304            | 264,162           | 519            | 385,074           |
| Hand & Small Lines           | 16             | 18,369            | 12             | 31,470            | 14             | 15,845            |
| Hand Gathered                | 39             | 52,766            | 59             | 97,997            | 41             | 76,893            |
| <b>Total</b>                 | <b>105,862</b> | <b>22,687,313</b> | <b>107,139</b> | <b>23,907,266</b> | <b>153,062</b> | <b>30,101,794</b> |

Source: Scottish Fisheries Protection Agency



## Distribution of Licensed Vessels by District

|                                   | 1993       | 1994       |
|-----------------------------------|------------|------------|
| Creek 1 — Grutness/Sandwick       | 16         | 11         |
| Creek 2 — Lerwick/Bressay         | 24         | 27         |
| Creek 3 — Whalsay                 | 42         | 40         |
| Creek 4 — Out Skerries            | 8          | 7          |
| Creek 5 — Yell/Fetlar/Unst        | 16         | 19         |
| Creek 6 — Northmavine             | 6          | 6          |
| Creek 7 — Central Mainland        | 4          | 4          |
| Creek 8 — West Mainland           | 34         | 28         |
| Creek 9 — Scalloway/Burra/Trondra | 59         | 55         |
| <b>Total Licensed Vessels</b>     | <b>209</b> | <b>197</b> |

Source: Scottish Fisheries Protection Agency

## Distribution by Licensed Vessel Size

|             | Over 80ft* | 50-80ft   | 30-50ft   | 0-30ft    | Total      |
|-------------|------------|-----------|-----------|-----------|------------|
| 1971        | 0          | 38        | 36        | 59        | 136        |
| 1976        | 0          | 46        | 29        | 57        | 137        |
| 1981        | 0          | 43        | 27        | 44        | 124        |
| 1983        | 0          | 43        | 25        | 46        | 125        |
| 1985        | 0          | 41        | 29        | 55        | 137        |
| 1986        | 0          | 36        | 19        | 48        | 113        |
| 1987        | 0          | 39        | 15        | 64        | 128        |
| 1988        | 5          | 34        | 15        | 47        | 111        |
| 1989        | 6          | 36        | 21        | 64        | 137        |
| 1990        | 5          | 34        | 20        | 22        | 91         |
| 1991        | 5          | 34        | 20        | 22        | 91         |
| 1993        | 25         | 22        | 37        | 125       | 209        |
| <b>1994</b> | <b>28</b>  | <b>23</b> | <b>48</b> | <b>98</b> | <b>197</b> |

Note: Due to changes in legislation vessels previously unregistered are now licensed, hence an apparent increase in overall vessel numbers.

Source: Scottish Fisheries Protection Agency

\* New category introduced in 1988

## Fisheries Development Projects

The Fisheries Division of the Shetland Islands Council Development Department is working with the North Atlantic Fisheries College and the proposed University of the Highlands and Islands on a number of fisheries development projects.

## 1995 Project Proposals — Fisheries Development

| Project Title                                | Total Costs    |
|--|----------------|
| Lobster Cultivation & Stock Enhancement      | 36,000         |
| Development of Sea Urchin Fishery            | 10,800         |
| Optimisation of Salmon Farming               | 28,000         |
| Establishment of Experimental Shellfish Farm | 15,000         |
| Maintenance of Halibut Brood Stock           | 10,000         |
| Fish Silage                                  | 6,000          |
| <b>Total</b>                                 | <b>105,800</b> |

## Employment in the Shetland Fishing Industry

|              | 1971         | 1981         | 1983         | 1988         | 1989         | 1990         | 1992         | 1993         | 1994         |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Catching     | 636          | 542          | 515          | 535          | 547          | 491          | 488          | 534          | 526          |
| Ancillary    | 171          | 243          | 244          | 330          | 386          | 332          | 352          | 385          | 381          |
| Processing   | 967          | 480          | 516          | 370          | 445          | 533          | 583          | 580          | 557          |
| Ancillary    | —            | 244          | 310          | 240          | 290          | 350          | 419          | 417          | 403          |
| <b>Total</b> | <b>1,774</b> | <b>1,509</b> | <b>1,585</b> | <b>1,475</b> | <b>1,695</b> | <b>1,706</b> | <b>1,842</b> | <b>1,916</b> | <b>1,867</b> |

Source: Development Department, SIC

## Fish Processing

|                     | 1984 | 1985 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|---------------------|------|------|------|------|------|------|------|------|------|------|
| Number of firms     | 8    | 8    | 11   | 12   | 13   | 14   | 14   | 15   | 16   | 16   |
| Number of factories | 14   | 14   | 14   | 14   | 14   | 15   | 15   | 16   | 17   | 17   |

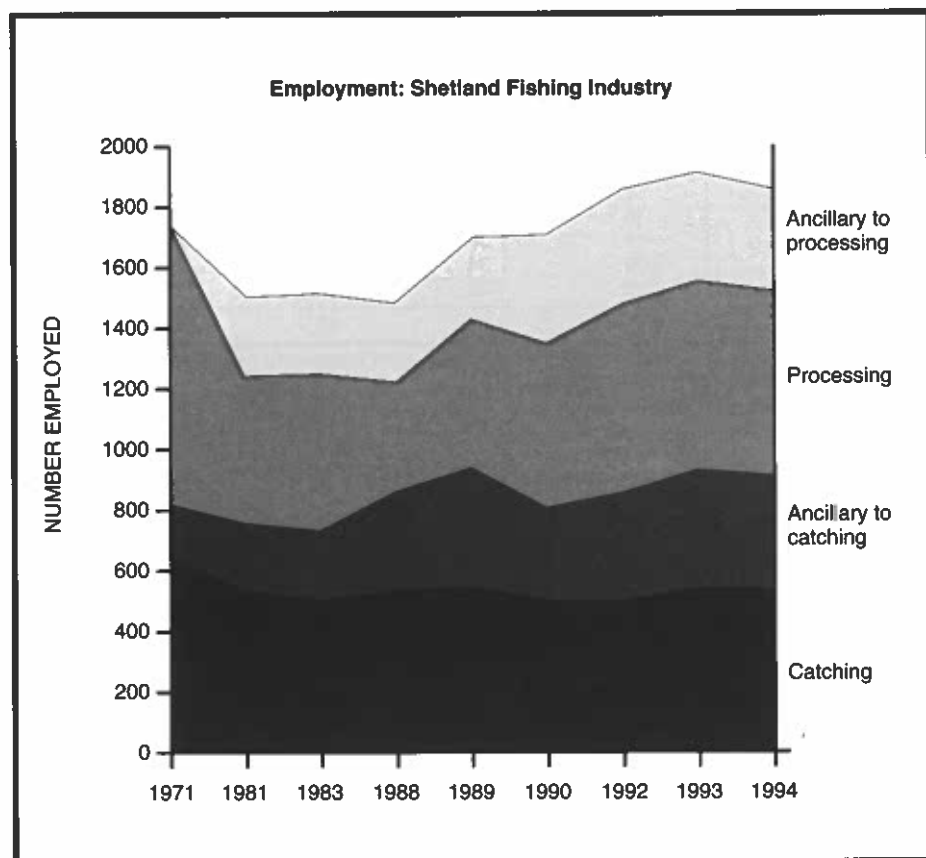
## Processing lines

|                    | 1984 | 1985 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--------------------|------|------|------|------|------|------|------|------|------|------|
| White fish         | 11   | 11   | 12   | 7    | 7    | 5    | 5    | 6    | 6    | 6    |
| Herring & Mackerel | 1    | 1    | 1    | 0    | 1    | 1    | 1    | 1    | 1    | 1    |
| Fish meal plants   | 2    | 2    | 2    | 2    | 2    | 1    | 1    | 1    | 1    | 1    |
| Shellfish          | 2    | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    |
| Salmon             | 0    | 0    | 0    | 5    | 6    | 7    | 7    | 5    | 5    | 6    |
| Smokers            | 0    | 0    | 2    | 2    | 2    | 2    | 2    | 3    | 4    | 3    |

## Value (Actual turnover figures) £million

| 1993 | 1994 |
|------|------|
| 44.3 | 46.5 |

Source: Shetland Fish Processors Association.



## Salmon Industry

Note: figures relate only to members of Shetland Salmon Farmers' Association

### Salmon Farms

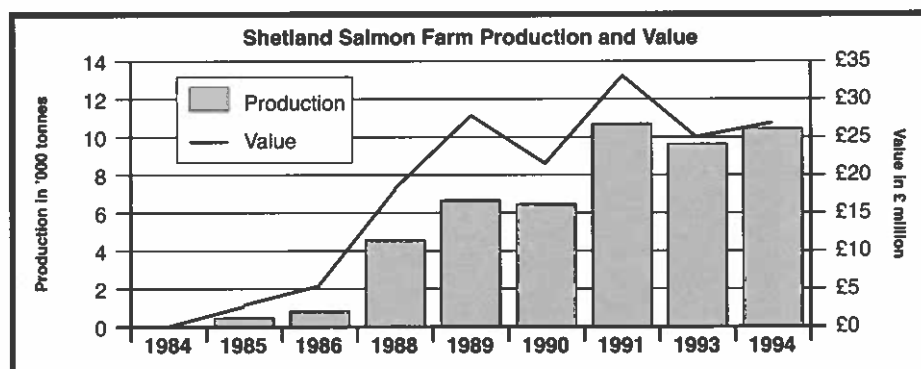
|                   | 1984     | 1985      | 1986      | 1988      | 1989      | 1990      | 1991      | 1992      | 1993      | 1994      |
|-------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Farms established | 5        | 14        | 13        | 10        | 6         | 1         | 0         | 0         | 2         | 1         |
| Farms Producing   | 4        | 13        | 27        | 43        | 49        | 58        | 59        | 52        | 51        | 51        |
| <b>Total</b>      | <b>9</b> | <b>27</b> | <b>40</b> | <b>53</b> | <b>55</b> | <b>59</b> | <b>59</b> | <b>52</b> | <b>53</b> | <b>52</b> |

### Production

|                          | 1984 | 1985 | 1986  | 1988  | 1989  | 1990  | 1991   | 1992   | 1993  | 1994   |
|--------------------------|------|------|-------|-------|-------|-------|--------|--------|-------|--------|
| Smolts Introduced (x000) | 294  | 575  | 935   | 3,195 | 3,716 | 4,143 | 4,005  | 5,138  | 3,805 | 2,913  |
| Production (tonnes)      | 50   | 700  | 1,500 | 4,575 | 6,731 | 6,461 | 10,614 | 10,679 | 9,700 | 10,500 |
| Average Tonnes per Farm  | 13   | 54   | 56    | 106   | 137   | 111   | 180    | 205    | 190   | 206    |

### Value

|                       | 1984  | 1985  | 1986  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Production value (£m) | .22   | 3     | 6     | 18    | 28    | 22    | 33    | 33    | 25    | 27    |
| Average per Tonne     | 4,400 | 3,857 | 3,787 | 4,000 | 3,526 | 3,405 | 3,146 | 3,080 | 2,667 | 2,571 |



### Employment

|              | 1984      | 1988       | 1990       | 1991       | 1992       | 1993       | 1994       |
|--------------|-----------|------------|------------|------------|------------|------------|------------|
| Direct       | 40        | 239        | 330        | 386        | 391        | 342        | 285        |
| Ancillary    | 59        | 280        | 390        | 482        | 488        | 415        | 400        |
| <b>Total</b> | <b>99</b> | <b>519</b> | <b>720</b> | <b>868</b> | <b>879</b> | <b>757</b> | <b>685</b> |

Source: Shetland Salmon Farmers' Association

## Agriculture

| Main and Minor Holdings                       | 1971    | 1981    | 1991    | 1993    | 1994    |
|---|---------|---------|---------|---------|---------|
| <b>Land Use</b> (Figures to nearest hectare): |         |         |         |         |         |
| Tillage                                       | 1,410   | 1,062   | 749     | 642     | 562     |
| Grassland & Crops                             | 8,407   | 8,400   | 15,232  | 17,407  | 19,374  |
| Rough Grazing (inc. C. Grazing)               | 129,019 | 133,160 | 130,516 | 127,958 | 125,805 |
| Total Area Rented                             | 38,130  | 36,046  | 36,738  | 38,023  | 38,510  |
| Total Area Owned                              | 28,161  | 30,368  | 34,400  | 34,290  | 34,319  |
| No. of Holdings                               | 2,439   | 2,240   | 2,433   | 2,417   | 2,418   |
| No. of Common Grazings                        | 93      | 93      | 100     | 100     | 100     |

### Area Under Crops

|                              | 1971  | 1981  | 1991   | 1993   | 1994   |
|------------------------------|-------|-------|--------|--------|--------|
| Grass (excl. Rough Grazings) | 6,998 | 7,338 | 14,482 | 16,765 | 18,813 |
| Barley & Oats                | 857   | 511   | 214    | 216    | 160    |
| Turnips & Swedes             | 134   | 103   | 110    | 80     | 77     |
| Kale & Cabbage               | 73    | 34    | 35     | 23     | 20     |
| Potatoes                     | 256   | 232   | 147    | 130    | 118    |
| All Other Crops              | 17    | 25    | 144    | 118    | 114    |

### Livestock:

|                            |         |           |           |           |           |
|----------------------------|---------|-----------|-----------|-----------|-----------|
| Beef Cows & Heifers        | 2,492   | 1,896     | 2,139     | 2,108     | 2,201     |
| Dairy Cows & Heifers       | 791     | 593       | 648       | 620       | 679       |
| Total Cattle               | 6,945   | 5,103     | 5,750     | 5,439     | 5,688     |
| Breeding Ewes & Gimmers    | *       | *         | 214,881   | 212,355   | 219,061   |
| Total Sheep                | 264,779 | 297,558   | 394,193   | 387,908   | 400,124   |
| Pigs                       | 9       | 83        | 28        | 40        | 59        |
| Poultry                    | 12,950  | 8,672     | 4,621     | 4,791     | 4,771     |
| Registered slaughterhouses | 9       | 8         | 4         | 3         | 3         |
| Sheep Slaughtered          | 8,417   | 9,592     | 8,712     | 6,703     | 8,620     |
| Cattle Slaughtered         | 485     | 278       | 339       | 151       | 30        |
| Pigs Slaughtered           | 0       | 0         | 33        | 37        | 40        |
| Sheep Exported             | 43,464  | 60,542    | 99,404    | 98,429    | 100,000   |
| Cattle Exported            | 1,947   | 2,066     | 2,117     | 1,688     | 1,700     |
| Ponies Exported            | 417     | 407       | 239       | *         | 169       |
| Wool Production (kilos)    | *       | c.212,000 | c.300,000 | c.300,000 | c.300,000 |

### Milk:

|                          |           |           |           |           |           |
|--------------------------|-----------|-----------|-----------|-----------|-----------|
| Dairy Units              | 23        | 23        | 16        | 12        | 12        |
| Milk Production (Litres) | 1,428,975 | 2,069,550 | 2,584,564 | 2,651,126 | 2,747,302 |

### Employment:

|  |     |     |       |       |       |
|--|-----|-----|-------|-------|-------|
| F/T & P/T Employees  | 222 | 204 | 262   | 311   | 319   |
| F/T & P/T Occupiers  | 439 | 457 | 918   | 734   | 780   |
| Others (including occupiers less than half time, wives/husbands of occupiers and casual/seasonal labour) | 584 | 718 | 1,446 | 1,520 | 1,582 |

Source: Scottish Office Agriculture and Fisheries Department.

\* Figures not available

## Shetland Islands Council Charitable Trust Assistance to Shetland Agriculture

As part of Shetland Islands Council's 10 Year Agricultural Plan, the SIC Charitable Trust operates an Agricultural Loans Scheme which started in September 1982. The following table summarises the salient features of 300 agricultural loans approved up to and including the Trustee's meeting of 18th November, 1994.

### Development Projects

| Type of Project   | Numbers | Hectares | Metres  | Gross Cost £      |
|---|---------|----------|---------|-------------------|
| Drainage/Ditching   |         | 75.70    | 377,937 | 321,450           |
| Fencing   |         | 218.50   | 470,548 | 876,339           |
| Roads   |         |          | 29,507  | 192,690           |
| Reseeding   |         | 3,807.50 |         | 1,296,160         |
| Buildings   |         |          |         | 2,886,664         |
| Machinery   |         |          |         | 1,321,166         |
| Livestock: Sheep  | 12,821  |          |         | 386,597           |
| Cattle  | 499     |          |         | 271,645           |
| Pigs  | 19      |          |         | 1,300             |
| Hens  | 300     |          |         | 594               |
| Quota: Sheep  | 220     |          |         | 8,697             |
| Cattle  | 15.2    |          |         | 2,757             |
| Milk (litres)   | 508,535 |          |         | 193,180           |
| Land purchased/assigned   |         | 3,711.60 |         | 989,428           |
| Loan to NEF to provide<br>Emergency Stockpile of Animal Feedstuffs  |         |          |         | 32,000            |
| Other (Horticultural & Drystane Dykes)  |         |          |         | 161,683           |
| Allowance for inflation   |         |          |         | 270,462           |
| <b>Total Gross Cost</b>   |         |          |         | <b>£9,212,812</b> |
| Financed by:  |         |          |         |                   |
| Grants (from SOAFD, HIE and SIC Reserve Fund)   |         |          |         | £3,163,648        |
| Personal Contributions (A minimum of 15% of the Gross Costs<br>before inflation. This does not apply to the £32,000<br>Emergency Stockpile) |         |          |         | £1,402,773        |
| Loans from the SIC Charitable Trust   |         |          |         | £4,646,391        |
| Sums Relinquished/Loans Withdrawn   |         |          |         | £(565,945)        |
| Balance of Funds  |         |          |         | £399,254          |
| <b>Scheme Total</b>   |         |          |         | <b>£4,479,700</b> |

Note: This table shows loans approved, not necessarily schemes completed. Some applicants withdraw from the Scheme without taking up the loans offered, and because of this there may be differences in the figures shown above and those published in earlier editions of Shetland in Statistics.

Source: Finance Department, SIC

## Knitwear

The knitwear industry is currently enjoying a period of success in terms of sales and growth after a period of decline. One of the major issues facing the industry now is to regain its competitive position in the face of lower cost production, particularly from the Far East. In practice this has become increasingly concentrated on the need for knitwear manufacturers to mechanise their production and/or to identify the markets best suited to their garments whether traditional or machine made. Increased mechanisation is leading to a decline in the number of home knitters and an increase in the number of factory based employees.

### Employment

|      | Employees |           |       | Self-Employed |           |       | Home Knitter |
|------|-----------|-----------|-------|---------------|-----------|-------|--------------|
|      | Full Time | Part Time | Total | Full Time     | Part Time | Total |              |
| 1971 | 234       | 111       | 345   | —             | —         | —     | 2,268        |
| 1977 | 155       | 71        | 226   | —             | —         | —     | 2,098        |
| 1981 | —         | —         | 131   | —             | —         | —     | 1,200        |
| 1983 | 109       | 48        | 157   | 30            | 43        | 73    | 1,800        |
| 1988 | 79        | 39        | 117   | 42            | 35        | 77    | 1,400        |
| 1991 | 56        | 33        | 89    | 15            | 13        | 28    | 1,345        |
| 1992 | 70        | 17        | 87    | 11            | 8         | 19    | 1,003        |
| 1994 | 81        | 15        | 96    | 8             | 15        | 23    | 1,000        |

Source: Development Department, SIC

### Markets

Nearly 50 per cent of the garments made are directly exported throughout the world from Shetland. Of the remaining garments, about 40 per cent go to the UK market, many of which are sold to London retailers and wholesalers and exported. About 10 per cent are sold locally.

The major marketing problem is the plagiarism of the word 'Shetland' by knitwear manufacturers all over the world. Many millions more garments labelled 'Shetland' are turned out than are actually produced in the islands or can actually be accounted for by the production of wool from native sheep. Wool production for 1994 is estimated at about 300,000 kilos.

A number of Shetland knitwear manufacturers came together in 1983 to form the Shetland Knitwear Trades Association in order to promote 'Real' Shetland knitwear. A new certification trademark was patented (The Shetland Lady) and this forms the cornerstone of the Association's marketing campaign.

## Crafts

Shetland has a long tradition of producing high quality craft goods. The main products apart from knitwear include, tweed, jewellery (using local stones and designs), silverwork, pottery, leatherwork, woodwork, fiddle-making, tapestry, printed goods and cast figurines. There are also a number of local artists and photographers and there are approximately 40 people employed in the printing industry.

While the total number of people employed in craft work is not high, many of the businesses are located outside Lerwick and provide a valuable source of income in rural areas. The value of output (sales) in 1991/1992 was estimated to be c.£800,000. Many of the craft businesses sell through craft and trade fairs on the mainland as well as to visitors locally.

## Tourism

### Accommodation capacity available to Shetland Islands Tourism by bed spaces

| Type of Accommodation   | 1981         | 1985         | 1989         | 1990         | 1991         | 1992         | 1994         | 1995         |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Hotels Lerwick          | 231          | 366          | 307          | 301          | 294          | 295          | 310          | 300          |
| Hotels Country          | 342          | 346          | 314          | 312          | 301          | 281          | 307          | 291          |
| Guest Houses Lerwick    | 0            | 41           | 28           | 17           | 31           | 28           | 71           | 72           |
| Guest Houses Country    | 0            | 86           | 118          | 92           | 97           | 96           | 108          | 97           |
| Bed & Breakfast Lerwick | 103          | 75           | 100          | 96           | 93           | 95           | 97           | 97           |
| Bed & Breakfast Country | 203          | 119          | 238          | 273          | 208          | 216          | 163          | 171          |
| Self Catering Lerwick + | 271          | 342          | 474          | 19           | 23           | 23           | 22           | 22           |
| Self Catering Country + | 0            | 0            | 0            | 504          | 515          | 509          | 460          | 438          |
| Caravans Country        | 104          | 30           | 51           | 33           | 17           | 6            | 11           | 0            |
| Hostels Lerwick         | 81           | 140          | 147          | 48           | 48           | 48           | 0            | 64           |
| Hostels Country         | 0            | 0            | 0            | 99           | 99           | 99           | 61           | 61           |
| Camp Sites Lerwick +    | 0            | 89           | 70           | 28           | 28           | 28           | 60           | 60           |
| Camp Sites Country +    | 0            | 0            | 0            | 42           | 42           | 42           | 39           | 39           |
| Böds                    | 0            | 0            | 0            | 0            | 0            | 0            | 55           | 63           |
| <b>Total</b>            | <b>1,335</b> | <b>1,634</b> | <b>1,847</b> | <b>1,864</b> | <b>1,796</b> | <b>1,769</b> | <b>1,764</b> | <b>1,775</b> |

+ Category Sub-divided 1990

### Employment

|                               | 1978       | 1981       | 1983       | 1986       | 1988       | 1991       | 1992       | 1994       |
|-------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Hotel & Guest Houses          | 161        | 233        | 292        | 280        | 332        | 356        | 345        | 340        |
| Bed & Breakfast Accommodation | -          | -          | 40         | 40         | 40         | 81         | 84         | 40         |
| Self Catering, Cottages, etc. | -          | -          | 63         | 64         | 64         | 89         | 91         | 28         |
| <b>Total</b>                  | <b>161</b> | <b>233</b> | <b>395</b> | <b>384</b> | <b>436</b> | <b>526</b> | <b>520</b> | <b>408</b> |

### Tourist Enquiries and Bookings

|                     | 1981  | 1986  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Postal Enquiries    | 1,696 | 5,201 | 5,971 | 4,827 | 7,599 | 6,845 | 7,255 | 8,643 | 8,663 |
| Telephone Enquiries | -     | 966   | 1,845 | 1,559 | 2,087 | 2,115 | 2,467 | 2,384 | 2,367 |
| Advance Bookings    | 101   | 220   | 336   | 333   | 311   | 252   | 299   | 237   | 271   |
| Immediate Bookings  | 412   | 997   | 1,474 | 1,570 | 1,312 | 1,435 | 1,071 | 1,371 | 1,310 |

### Membership of Shetland Islands Tourism

|                  | 1981       | 1983       | 1985       | 1987       | 1989       | 1990       | 1991       | 1992       | 1993       | 1994       |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Hotels           | 16         | 18         | 19         | 18         | 16         | 16         | 16         | 14         | 15         | 15         |
| Guest House/B&B  | 64         | 46         | 68         | 63         | 93         | 95         | 87         | 87         | 92         | 84         |
| Self Catering    | 36         | 27         | 46         | 54         | 67         | 67         | 72         | 76         | 74         | 95         |
| Hostels          | 4          | 2          | 4          | 5          | 5          | 5          | 5          | 5          | 4          | 3          |
| Business & Trade | 120        | 101        | 106        | 96         | 150        | 138        | 153        | 133        | 139        | 132        |
| Camp Site        | -          | -          | 4          | 3          | 4          | 4          | 4          | 4          | 4          | 4          |
| Caravans         | -          | -          | -          | -          | -          | -          | 3          | 2          | 3          | 2          |
| Camping Böds     | -          | -          | -          | -          | -          | -          | -          | 4          | 4          | 5          |
| <b>Total</b>     | <b>240</b> | <b>194</b> | <b>247</b> | <b>239</b> | <b>335</b> | <b>325</b> | <b>340</b> | <b>325</b> | <b>335</b> | <b>340</b> |

Source: Shetland Islands Tourism

### Extract from Shetland Visitor Survey 1991

| Number of Visitors  | %      | Purpose of Visit     |   | %      |     |
|---------------------|--------|----------------------|---|--------|-----|
| May                 | 5,194  | 16                   | Holiday                                       | 21,000 | 66  |
| June                | 7,530  | 24                   | Visiting Friends & Relatives — on holiday     | 5,300  | 17  |
| July                | 9,872  | 31                   | Visiting Friends & Relatives — not on holiday | 400    | 1   |
| August              | 9,156  | 29                   | Business                                      | 4,300  | 14  |
|                     | 31,752 | 100                  | Other   | 700    | 2   |
|                     |        |                      |   | 31,700 | 100 |
| Method of Transport |        | Yachts/Cruise Liners |   |        |     |
| By Air              | 10,610 | 33                   | Visiting Yacht Passengers                     | 1,500  |     |
| By Sea              | 21,142 | 67                   | Cruise Liner Passengers                       | 4,400  |     |
|                     | 31,752 | 100                  |   | 5,900  |     |

It is estimated that the total number of visitors, including business visitors, for the 12 month period January to December 1991 was 56,000.

### Accommodation Used — number of visitors for period May – August 1991

|                                |      |                       |      |
|--------------------------------|------|-----------------------|------|
| Hotel                          | 8100 | Hostel                | 2200 |
| Bed & Breakfast                | 7200 | Guest House           | 1800 |
| Staying with friends/relatives | 5800 | Caravan/camper van    | 900  |
| Rented Accommodation           | 4200 | Other                 | 1500 |
| Tent                           | 3100 | No accommodation used | 1500 |

### Visitor Expenditure per person 1991

|                   |                            | Expenditure per person | Expenditure per person per night |
|-------------------|----------------------------|------------------------|----------------------------------|
| Mode of transport | Air                        | £200                   | £47                              |
|                   | Sea                        | £256                   | £53                              |
| Origin            | Scotland                   | £169                   | £40                              |
|                   | Rest of UK                 | £252                   | £52                              |
|                   | Overseas                   | £301                   | £63                              |
| Purpose           | Holiday                    | £277                   | £53                              |
|                   | Visiting friends/relatives | £115                   | £14                              |
|                   | Business                   | £165                   | £66                              |

Source: Shetland Visitor Survey 1991

### Total Visitor Expenditure in Shetland (£ million)

| 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1990 | 1991 | 1992 | 1994 |
|------|------|------|------|------|------|------|------|------|------|
| 4.1  | 4.8  | 5.9  | 6.9  | 7.5  | 7.75 | 8.1  | 10.0 | 10.5 | 10.0 |

Visitors include both tourists and business visitors, and include accommodation, and any goods and services purchased while in Shetland.

Source: Shetland Islands Council estimates and Shetland Visitor Survey 1991



## Origin of Visitors 1991 (percentage)

|                 | %   | Overseas Visitors     | %  |
|-----------------|-----|-----------------------|----|
| Scotland        | 16  | Norway                | 16 |
| Rest of Britain | 45  | Germany               | 14 |
| Overseas        | 39  | Sweden                | 14 |
|                 | 100 | North America         | 9  |
|                 |     | Faroe Islands         | 8  |
|                 |     | France                | 6  |
|                 |     | Holland               | 4  |
|                 |     | Italy                 | 4  |
|                 |     | Australia/New Zealand | 4  |

## Number of Visitors on Package Holidays (P&O)

| Duration   | 1982  | 1983 | 1984  | 1986  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  |
|------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Seven Days | 276   | 881  | 1,846 | 2,017 | 1,175 | 1,630 | 1,411 | 2,184 | 1,720 | 1,577 | 1,266 |
| Midweek    | 1,085 | 858  | 1,170 | 1,866 | 935   | 835   | 1,469 | 2,164 | 808   | 754   | 750   |

Source: P&O Ferries

## P&O Ferries Mini-Cruise Passengers

|  | 1983  | 1984  | 1985  | 1986  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|  | 2,108 | 1,746 | 1,897 | 1,768 | 1,804 | 1,799 | 1,847 | 2,014 | 1,533 | 1,009 | 1,270 |

Source: P&O Ferries

## Cruise Liner Arrivals at Lerwick Harbour

|  | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--|------|------|------|------|------|------|------|
|  | 20   | 15   | 21   | 21   | 24   | 32   | 26   |

Source: Lerwick Harbour Trust

## Cruise Liner Passengers

|  | 1981  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1991  | 1993  | 1994  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|  | 3,564 | 3,820 | 5,399 | 5,790 | 6,279 | 4,930 | 4,636 | 5,444 | 5,240 | 8,961 | 7,015 |

Source: Lerwick Harbour Trust

## Oil

The North Sea oil industry has long been recognised as a key component of not only Shetland's economy but the economy of the UK as a whole. At a local level this reflects in three main areas: Sullom Voe Oil Terminal, the offshore oil and gas fields and the services related to both of these.

### Sullom Voe Oil Terminal

The Terminal is situated at Calback Ness on a site of approximately 400 hectares (1,000 acres) on the shores of Sullom Voe, 46km (29 miles) north of Lerwick. It is Europe's largest oil and liquefied gas terminal and has a capacity to handle over half the UK's potential offshore oil production. BP Exploration Operating Company Ltd. operates the Terminal on behalf of c. thirty companies participating in the Brent and Ninian pipeline groups. The Terminal currently has a throughput design capacity of 1.2 million barrels of crude oil per day and reached a peak in 1984 with a total receipt of 439,434,656 barrels (58,328,785 tonnes), an average of over 1.2 million barrels per day. It now averages at just over 780,000 barrels per day.

### Exploration and Development

**1970** – The exploration phase for oil and gas offshore Shetland began when the Government allocated the first Licence Blocks.

**1975** – The development phase including the laying of the Brent and Ninian pipeline systems and the floatout of the Beryl and Brent field production platforms. Construction work began on the Sullom Voe Oil Terminal.

**1978** – The first oil was piped to Sullom Voe through the Brent pipeline from the Dunlin oilfield on 25th November. The first oil was shipped out from the terminal by the Shell tanker 'Donovania' five days later and on 3rd December the first oil arrived through the Ninian pipeline from the Heather oilfield. On 31st December the fuel bunkers of the tanker 'Esso Bernicia' were ruptured when she hit a mooring bollard. Resulting oil spillage caused widespread pollution around Yell Sound shores.

**1980** – Construction workforce peaked at over 7000.

**1982** – In April the first fractionation of gas took place at the terminal and a month later the first gas was shipped out. In December the final construction and commissioning work at the terminal was completed and Sullom Voe received its one billionth (1,000 million) barrel of oil.

**1987** – In September LPG processing and shipment was suspended for major repairs to corrosion under insulation on process pipelines (CUI). On 30th October the three billionth barrel of stabilised crude oil was produced at the terminal. The Alwyn North field was brought on stream in November through the Ninian line.

**1990** – In March the 412,611 metric tonne deadweight supertanker 'Chevron North America' was the largest tanker to visit the terminal. On 8th July the four billionth barrel of crude oil was produced at the terminal. In August the crude oil was commingled and renamed Brent Blend.

**1992** – In March, Staffa, a subsea development, linked to Ninian South platform 8.5km away, came on stream. On 1st December, PIMS Commingling, the blending of Brent and Ninian crude, took place for the first time after metering and before stabilisation.

**1993** – In March, Lyell came on stream followed in December by Strathspey. On 22nd December the five billionth barrel of oil was produced to store.

**1994** – The longest tanker to berth at Sullom Voe arrived in January, the 'Concordia 1' measured 370 metres in length. In August the terminal recorded one million manhours without a lost time injury. The Norwegian registered 'Companion' loaded the largest cargo of oil from the terminal, 349,454 metric tonnes, in September. October saw the Ninian Field producing its billionth barrel of oil and the Ninian Pipeline System produced its second billionth barrel of oil in November.

## Sullom Voe Terminal: throughput of oil

|         | 1979        | 1985        | 1990        | 1992        | 1993        | 1994        |
|---------|-------------|-------------|-------------|-------------|-------------|-------------|
| Barrels | 141,217,363 | 463,738,834 | 263,150,988 | 307,021,264 | 295,790,506 | 286,761,356 |
| Tonnes  | 18,923,444  | 57,986,378  | 34,883,218  | 40,569,604  | 39,095,588  | 37,922,091  |

## Sullom Voe Terminal: average barrels per day

|               | 1979    | 1985      | 1990    | 1991    | 1992    | 1993    | 1994    |
|---------------|---------|-----------|---------|---------|---------|---------|---------|
| Brent System  | 212,472 | 823,372   | 366,910 | 419,864 | 532,709 | 512,349 | 474,317 |
| Ninian System | 174,425 | 373,173   | 354,052 | 322,592 | 308,445 | 298,036 | 311,330 |
| Total         | 386,897 | 1,196,545 | 720,962 | 742,455 | 841,154 | 810,385 | 785,647 |

## Sullom Voe Terminal: total throughput of gas (tons)

|         | 1984    | 1985    | 1986    | 1990    | 1991    | 1992    | 1993    | 1994    |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Propane | 886,426 | 877,727 | 823,220 | 379,041 | 350,497 | 282,388 | 358,473 | 382,944 |
| Butane  | 649,833 | 650,337 | 630,262 | 260,483 | 248,164 | 192,358 | 242,724 | 253,160 |

## Brent Pipeline System: throughput of oil

|         | 1979       | 1985        | 1990        | 1992        | 1993        | 1994        |
|---------|------------|-------------|-------------|-------------|-------------|-------------|
| Barrels | 77,552,205 | 300,530,869 | 133,922,065 | 194,438,699 | 187,007,322 | 173,125,781 |
| Tonnes  | 10,367,579 | 39,796,300  | 17,789,666  | 25,692,715  | 24,717,747  | 22,893,988  |

## Ninian Pipeline System: throughput of oil

|         | 1979       | 1985        | 1990        | 1992        | 1993        | 1994        |
|---------|------------|-------------|-------------|-------------|-------------|-------------|
| Barrels | 63,665,158 | 136,207,965 | 129,228,923 | 112,582,565 | 108,783,184 | 113,635,575 |
| Tonnes  | 8,555,865  | 18,190,078  | 17,093,552  | 14,876,889  | 14,377,841  | 15,028,103  |

## Brent Pipeline System: throughput of gas (tons)

|         | 1984    | 1985    | 1986    | 1990    | 1992    | 1993    | 1994    |
|---------|---------|---------|---------|---------|---------|---------|---------|
| Propane | 492,419 | 188,713 | 476,742 | 110,567 | 102,112 | 130,963 | 124,811 |
| Butane  | 317,195 | 368,347 | 375,641 | 65,315  | 66,528  | 76,181  | 69,411  |

## Ninian Pipeline System: throughput of gas (tons)

|         | 1984    | 1985    | 1986    | 1990    | 1992    | 1993    | 1994    |
|---------|---------|---------|---------|---------|---------|---------|---------|
| Propane | 349,007 | 388,602 | 346,478 | 268,474 | 180,276 | 227,510 | 258,133 |
| Butane  | 278,638 | 281,990 | 254,621 | 195,168 | 125,830 | 166,543 | 183,749 |

Source: BP Exploration Operating Co. Ltd.

## Oilfields in Production

| Name of Field     | Date Field on stream | Operator     | Average production Jan-Dec 1988* |
|-------------------|----------------------|--------------|----------------------------------|
| Beryl A           | 1976                 | Mobil        | 66.2                             |
| Brent             | (B) 1976             | Shell        | 305.4                            |
| Dunlin            | (B) 1978             | Shell        | 49.4                             |
| Heather           | (N) 1978             | Union        | 14.5                             |
| Ninian            | (N) 1978             | Chevron      | 131.7                            |
| Thistle           | (B) 1978             | Britoil      | 52.1                             |
| South Cormorant   | (B) 1979             | Shell        | 43.8                             |
| UK Statfjord      | 1979                 | Conoco       | 112.5                            |
| Murchison         | (B) 1980             | Conoco       | 49.5                             |
| North Cormorant   | (B) 1982             | Shell        | 78.9                             |
| North West Hutton | (B) 1983             | Amoco        | 28.3                             |
| Magnus            | (N) 1983             | BP           | 141.4                            |
| Beryl B           | 1984                 | Mobil        | 33.1                             |
| Deveron           | (B) 1984             | Britoil      | 4.9                              |
| Hutton            | (B) 1984             | Conoco       | 62.9                             |
| Alwyn North       | (N) 1987             | Total        | 69.2                             |
| Eider             | (B) 1988             | Shell        | 2.8                              |
| Tern              | (B) 1989             | Shell        | n/a                              |
| Don               | (B) 1989             | Shell        | n/a                              |
| Osprey            | (B) 1991             | Shell/Esso   | n/a                              |
| Lyell             | (N) 1993             | Conoco       | n/a                              |
| Strathspey        | (N) 1993             | Texaco       | n/a                              |
| Dunbar            | (N) 1994             | Total        | n/a                              |
| Ellon             | (N) 1994             | Total        | n/a                              |
| Columba Terrace D | (N) 1994             | Ranger       | n/a                              |
| Hudson            | (B) 1994             | Amerada Hess | n/a                              |

(B) part of Brent pipeline to Sullom Voe. (N) part of Ninian pipeline to Sullom Voe.

\* '000 Barrels per day.

## Sullom Voe Harbour: total of tankers using port

|     | 1979 | 1982 | 1984 | 1985 | 1986 | 1988 | 1989 | 1990 | 1992 | 1993 | 1994 |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| Oil | 270  | 536  | 672  | 672  | 654  | 580  | 479  | 412  | 481  | 398  | 352  |
| Gas | 0    | 55   | 124  | 114  | 112  | 70   | 50   | 48   | 35   | 56   | 45   |

Source: BP Exploration Operating Co. Ltd.





## Industrial Sites

Eighteen serviced sites and estates have been developed throughout Shetland.

| Industrial Site          | Owner   | Area in hectares (acres) |
|--------------------------|---------|--------------------------|
| Baltasound               | HIE     | 0.90 (2.24)              |
| Blackhill, Lerwick       | LHT/BP  | 1.86 (4.60)              |
| Bressay                  | SIC     | 0.30 (0.74)              |
| Burra                    | SIC     | 1.00 (2.47)              |
| Cunningsburgh            | SIC     | 1.05 (2.60)              |
| Dunrossness              | SIC     | 0.90 (2.24)              |
| Fetlar                   | SIC     | 0.42 (1.03)              |
| Lower Blackhill, Lerwick | HIE     | 2.02 (5.00)              |
| North Gremista, Lerwick  | SIC     | 2.55 (6.30)              |
| Ollaberry                | SIC     | 1.13 (2.80)              |
| Sandness                 | SIC     | 0.60 (1.48)              |
| Scalloway                | SIC/HIE | 1.61 (3.98)              |
| Sella Ness               | SIC/HIE | 8.87 (21.91)             |
| Skeld                    | SIC     | 0.88 (2.17)              |
| South Gremista, Lerwick  | SIC/HIE | 5.45 (13.47)             |
| Staney Hill              | SIC     | 1.82 (4.50)              |
| Walls                    | SIC     | 0.60 (1.48)              |
| Wethersta                | SIC     | 0.31 (0.77)              |

SIC Shetland Islands Council  
LHT Lerwick Harbour Trust

BP BP Petroleum Development Ltd.  
HIE Highlands and Islands Enterprise

## Hospitals

### Hospital Activity Levels – Gilbert Bain Hospital

|  | 1992/93 | 1993/94 |
|--|---------|---------|
| Total No. of inpatient discharges                      | 1,960   | 2,283   |
| Total No. of day surgery discharges                    | 978     | 1,187   |
| Total No. of patients attending outpatient clinics     | 18,083  | 17,832  |
| Total No. of new patients attending outpatient clinics | 8,614   | 9,186   |

### Staff Employed by Shetland Health Board (Whole Time Equivalent)

|                                 | As at 31.03.95 |
|---------------------------------|----------------|
| Hospital medical & dental staff | 21.9           |
| Nursing – trained               | 167.1          |
| in training                     | 4.0            |
| others                          | 46.8           |
| Professions allied to medicine  | 44.2           |
| Administration                  | 66.8           |
| Works staff                     | 11.3           |
| <b>Independent Contractors</b>  |                |
| General medical practitioners   | 18             |
| General dental practitioners    | 8              |
| General ophthalmic opticians    | 3              |

Source: Shetland Health Board

## Transport

### Internal Air and Sea Transport

| Location   | Type of Transport     | Type of Service*   | Surface Type and Dimensions of Airstrip |
|------------|-----------------------|--------------------|---|
| Unst       | Air/SIC Vehicle Ferry |                    | Bituminous (640x28m)                    |
| Yell       | SIC Vehicle Ferry     |                    |   |
| Fetlar     | Air/SIC Vehicle Ferry | Air = Charter only | Soft Gravel (457x18m)                   |
| Skerries   | Air/SIC Vehicle Ferry |                    | Rolled Gravel (Firm) (381x18m)          |
| Whalsay    | Air/SIC Vehicle Ferry | Air = Charter only | Rolled Gravel (Firm) (457x18m)          |
| Scatsta    | Air                   |                    | Bituminous (960x28m)                    |
| Bressay    | SIC Vehicle Ferry     |                    |   |
| Tingwall   | Air                   |                    | Bituminous (740x18m)                    |
| Sumburgh   | Air                   |                    | Tarmac (1,084x46m)                      |
|            |                       |                    | Tarmac (1,426x46m)                      |
|            |                       |                    | Tarmac (550x45m)                        |
| Fair Isle  | Air/SIC Ferry         |                    | Rolled Gravel (Firm) (457x18m)          |
| Papa Stour | Air/SIC Ferry         | Air = Charter only | Soft Gravel                             |
| Foula      | Air/SIC Ferry         |                    | Soft Gravel (457x18m)                   |

\* All SIC vehicle ferries operate on both a charter and scheduled basis.

Air services operate similarly, except where stated.

All internal air services are operated by British Airways Express (formerly Loganair Ltd).

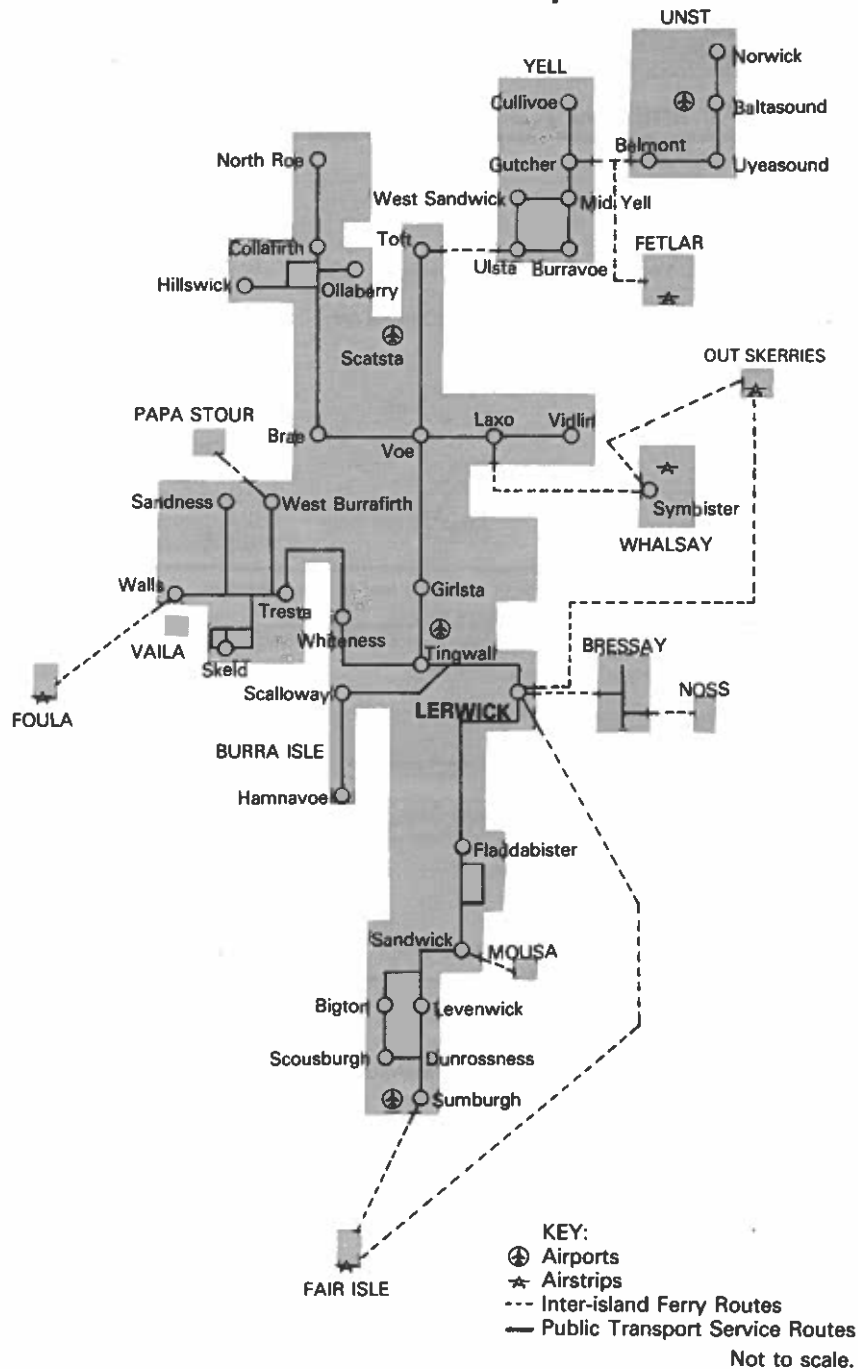
### Bus Services

| Route                          | Operator          |
|--------------------------------|-------------------|
| Lerwick to:                    |                   |
| Sumburgh, Sumburgh Airport     | J. Leask & Son    |
| Sandwick                       | Shalder Coaches   |
| Hillswick/Mosbank              | Shalder Coaches   |
| Skeld/Reawick                  | J. Watt & Son     |
| Walls                          | Shalder Coaches   |
| Toft (for Yell, Unst & Fetlar) | J. Leask & Son    |
| Laxo (for Whalsay)             | J. Leask & Son    |
| Scalloway, Burra               | Shalder Coaches   |
| Lerwick Town Service:          |                   |
| Yell:                          |                   |
| Ulsta/Gutcher/Cullivoe         | J. Leask & Son    |
| Ulsta/Mid Yell/West Sandwick   | R. G. Jamieson    |
| Unst:                          | H. Sinclair & Co. |
| Belmont/Baltasound/Saxa Vord   | P. Y. Mills       |

### Present Schedule of County Highways

|                     |                       |
|---------------------|-----------------------|
| Principal Roads     | 193.2km (120.0 miles) |
| Non-principal Roads | 382.7km (237.7 miles) |
| Unclassified Roads  | 419.8km (260.7 miles) |
| Total               | 995.7km (617.4 miles) |

## Shetland: Internal Transport



## Inter Island Ferries

### Shetland Islands Council Ferry Traffic: Passengers

| Ferry Route | 1986   | 1987   | 1990    | 1991    | 1992    | 1993    | 1994    |
|-------------|--------|--------|---------|---------|---------|---------|---------|
| Yell        | 96,364 | 83,694 | 105,228 | 113,897 | 119,150 | 107,881 | 137,391 |
| Unst/Fetlar | 40,605 | 47,774 | 59,482  | 65,608  | 65,177  | 69,657  | 79,948  |
| Bressay     | 96,849 | 94,389 | 146,073 | 135,447 | 146,326 | 123,681 | 154,643 |
| Whalsay     | 45,888 | 51,642 | 64,118  | 67,385  | 75,026  | 76,005  | 79,347  |

### Vehicles

| Ferry Route | 1986   | 1987   | 1990   | 1991   | 1992    | 1993    | 1994    |
|-------------|--------|--------|--------|--------|---------|---------|---------|
| Yell        | 65,264 | 65,925 | 84,336 | 89,041 | 100,506 | 104,531 | 103,192 |
| Unst/Fetlar | 28,202 | 38,627 | 41,996 | 51,816 | 58,246  | 50,500  | 51,547  |
| Bressay     | 31,958 | 33,462 | 47,520 | 50,272 | 58,238  | 71,104  | 81,894  |
| Whalsay     | 31,660 | 34,011 | 44,838 | 48,911 | 55,020  | 60,078  | 56,085  |

Source: Marine Operations Department, SIC

## External Ferries

### P&O Ferries Services: Passengers and Accompanied Cars Aberdeen- Lerwick

|              | Passenger Journeys | Accompanied Car Journeys |
|--------------|--------------------|--------------------------|
| 1982         | 53,546             | 8,328                    |
| 1983         | 57,365             | 8,542                    |
| 1984         | 59,520             | 8,983                    |
| 1985         | 64,839             | 9,504                    |
| 1986         | 63,323             | 9,788                    |
| 1987         | 70,805             | 10,211                   |
| 1988         | 71,887             | 10,499                   |
| 1989         | 73,793             | 11,268                   |
| 1990         | 78,372             | 11,786                   |
| 1991         | 80,346             | 11,350                   |
| 1992         | 71,944             | 11,653                   |
| 1993         | 66,436             | 11,563                   |
| 1994         |                    |                          |
| January      | 2,269              | 498                      |
| February     | 1,301              | 328                      |
| March        | 2,664              | 627                      |
| April        | 5,049              | 812                      |
| May          | 6,459              | 917                      |
| June         | 7,368              | 1,174                    |
| July         | 11,576             | 1,923                    |
| August       | 10,314             | 1,774                    |
| September    | 6,359              | 1,027                    |
| October      | 4,458              | 1,045                    |
| November     | 1,976              | 505                      |
| December     | 2,447              | 549                      |
| <b>Total</b> | <b>62,240</b>      | <b>11,179</b>            |

Note: Each passenger and car journey is counted one way.  
Source: P&O Scottish Ferries

## Freight on P&O Ferries Services Aberdeen – Lerwick

|                     | 1984   | 1985   | 1986   | 1988   | 1989   | 1991   | 1992   | 1993   | 1994   |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Commercial Vehicles | 16,625 | 18,814 | 14,368 | 10,773 | 12,609 | 10,899 | 9,687  | 10,478 | 9,422  |
| Commercial Trailers | 34,232 | 29,573 | 25,745 | 36,446 | 52,780 | 56,255 | 56,517 | 51,650 | 50,053 |
| Unaccompanied Cars  | 4,575  | 4,687  | 4,512  | 6,044  | 6,548  | 5,383  | 5,615  | 6,832  | 7,319  |

(Figures expressed in running metres)

## P&O Scottish Ferries Lerwick-Bergen Service: Passengers and Vehicles\*

|            | 1993 | 1994 |
|------------|------|------|
| Passengers | 3355 | 3463 |
| Vehicles   | 435  | 520  |

\* Total embarking and disembarking. Service between Shetland and Norway operates June, July and August.

Source: P&O Scottish Ferries

## Shipping in Lerwick Harbour

|                   | 1971         | 1981         | 1983         | 1985         | 1989         | 1991         | 1992         | 1993         | 1994         |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| General           | 316          | 418          | 451          | 639          | 754          | 738          | 796          | 710          | 677          |
| HM Ships          | 41           | 62           | 60           | 48           | 24           | 16           | 12           | 17           | 8            |
| Oil               | 51           | 140          | 106          | 135          | 113          | 114          | 112          | 149          | 164          |
| Oil Rig Tenders   | 79           | 1,556        | 1,300        | 1,277        | 911          | 888          | 812          | 1,016        | 919          |
| Other Vessels     | 448          | 480          | 582          | 710          | 973          | 841          | 920          | 818          | 978          |
| Yachts +          | n/a          | 112          | 181          | 242          | 421          | 366          |              | 372          | 324          |
| British Fishing** | 1,440        | 677          | 722          | 1,302        | 1,905        | 1,606        | 2,059        | 1,922        | 2,398        |
| Foreign Fishing   | 1,580        | 246          | 329          | 195          | 243          | 216          | 216          | 222          | 245          |
| <b>Total</b>      | <b>3,955</b> | <b>3,579</b> | <b>3,550</b> | <b>4,306</b> | <b>5,344</b> | <b>4,419</b> | <b>4,932</b> | <b>5,226</b> | <b>5,713</b> |

Source: Lerwick Harbour Trust \*\* Excludes local fishing fleet + Sub group of Other Vessels

## Foreign Fishing Vessels in Lerwick Harbour

|                        | 1971         | 1981       | 1983       | 1985       | 1989       | 1991       | 1992       | 1993       | 1994       |
|------------------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Belgium                | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          |
| Bulgaria               | 0            | 0          | 0          | 6          | 12         | 6          | 5          | 0          | 0          |
| Chile                  | 0            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| Denmark                | 374          | 117        | 115        | 65         | 49         | 66         | 35         | 32         | 43         |
| Faroe                  | 242          | 14         | 21         | 8          | 4          | 19         | 8          | 5          | 5          |
| France                 | 16           | 13         | 22         | 16         | 6          | 18         | 9          | 4          | 7          |
| Germany (West) } +     | 3            | 1          | 0          | 8          | 10         | 22         | 5          | 13         | 13         |
| Germany (East) } +     | 0            | 0          | 18         | 11         | 0          |            |            |            |            |
| Greenland              | 0            | 0          | 0          | 0          | 4          | 0          | 0          | 0          | 0          |
| Iceland                | 215          | 2          | 0          | 3          | 13         | 0          | 0          | 4          | 4          |
| Ireland                | 0            | 0          | 0          | 0          | 39         | 20         | 44         | 90         | 81         |
| Netherlands            | 12           | 0          | 8          | 8          | 13         | 7          | 4          | 5          | 0          |
| Norway                 | 551          | 96         | 143        | 66         | 62         | 50         | 95         | 61         | 90         |
| Panama                 | 0            | 0          | 0          | 0          | 3          | 0          | 0          | 0          | 0          |
| Poland                 | 1            | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| Portugal               | 0            | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          |
| Sweden                 | 100          | 1          | 1          | 0          | 7          | 7          | 7          | 7          | 1          |
| C.I.S. (formerly USSR) | 60           | 0          | 1          | 3          | 21         | 1          | 9          | 0          | 0          |
| <b>Total</b>           | <b>1,554</b> | <b>246</b> | <b>329</b> | <b>195</b> | <b>243</b> | <b>216</b> | <b>221</b> | <b>222</b> | <b>245</b> |

Source: Lerwick Harbour Trust + Unified 1990

## Total Tonnage Handled in Lerwick Harbour

(Weight of containers excluded)

|                       | 1971          | 1981           | 1985             | 1991           | 1992           | 1993             | 1994             |
|-----------------------|---------------|----------------|------------------|----------------|----------------|------------------|------------------|
| General Cargo Imports | 45,760        | 200,077        | 235,041          | 226,715        | 242,111        | 297,382          | 300,217          |
| General Cargo Exports | 48,849        | 57,471         | 49,578           | 98,335         | 140,391        | 193,555          | 227,155          |
| Oil Related Imports   | 342           | 288,999        | 300,314          | 238,684        | 221,254        | 267,714          | 246,310          |
| Oil Related Exports   | 0             | 421,807        | 486,059          | 315,996        | 287,266        | 369,558          | 338,301          |
| <b>Total</b>          | <b>94,951</b> | <b>968,354</b> | <b>1,070,992</b> | <b>879,730</b> | <b>891,022</b> | <b>1,128,239</b> | <b>1,111,983</b> |

Source: Lerwick Harbour Trust

## Lerwick Harbour Trust Revenue

|  | 1971    | 1981       | 1985       | 1991       | 1992       | 1993       | 1994       |
|--|---------|------------|------------|------------|------------|------------|------------|
|  | £49,000 | £2,100,000 | £3,062,000 | £4,576,082 | £4,429,042 | £5,460,629 | £5,815,704 |

Source: Lerwick Harbour Trust

## Fish Factory Ships and Related Vessels (Lerwick Harbour)

|  | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|
|  | 41   | 54   | 85   | 219  | 175  | 136  | 247  | 253  | 230  | 248  | 402  | 692  |

Source: Lerwick Harbour Trust

## UK Port Traffic 1993

|                                    | Thousand Tonnes | Percentage of UK Total Traffic |
|------------------------------------|-----------------|--------------------------------|
| London                             | 50,932          | 10.1                           |
| Tees and Hartlepool                | 42,741          | 8.4                            |
| Grimsby and Immingham              | 41,290          | 8.1                            |
| <b>Sullom Voe</b>                  | <b>39,374</b>   | <b>7.8</b>                     |
| Milford Haven                      | 35,740          | 7.1                            |
| Southampton                        | 30,939          | 6.1                            |
| Liverpool                          | 30,504          | 6.0                            |
| Forth                              | 26,374          | 5.2                            |
| Felixstowe                         | 20,333          | 4.0                            |
| Dover                              | 13,773          | 2.7                            |
| <b>All above Ports</b>             | <b>332,000</b>  | <b>65.5</b>                    |
| <b>All ports of United Kingdom</b> | <b>506,224</b>  | <b>100.0</b>                   |

Source: British Ports Association

## Shipping in Scalloway 1993-1994

|                              | 1993          |                | 1994          |                |
|------------------------------|---------------|----------------|---------------|----------------|
|                              | No. of Visits | GRT            | No. of Visits | GRT            |
| Foreign Commercial           | 140           | 73,002         | 97            | 58,345         |
| Foreign Fishing              | 12            | 3,547          | 15            | 3,410          |
| Foreign Yacht                | 10            | 118            | 9             | 270            |
| Foreign Miscellaneous        | 1             | 125            | 2             | 551            |
| British Commercial           | 56            | 23,484         | 35            | 22,565         |
| British Fishing              | 204           | 18,722         | 268           | 31,351         |
| British Miscellaneous        | 3             | 327            | 0             | 0              |
| British Tug                  | 2             | 286            | 1             | 24             |
| British Yacht                | 9             | 248            | 8             | 346            |
| SIC Vessels                  | 11            | 519            | 11            | 486            |
| Salmon Tenders (Period Dues) | 19            | 427            | 4             | 237            |
| Annual Dues                  | 20            | -              | 16            | -              |
| RNLI                         | 1             | -              | 2             | -              |
| <b>Total</b>                 | <b>488</b>    | <b>120,805</b> | <b>468</b>    | <b>117,585</b> |

## Scalloway – Imports/Exports

|                   | 1993              | 1994              |
|-------------------|-------------------|-------------------|
| Foreign Imports   | 1,834.193 tonnes  | 1,689.782 tonnes  |
| Foreign Exports   | 425.478 tonnes    | 42.877 tonnes     |
| Coastwise Imports | 17,201.154 tonnes | 13,325.185 tonnes |
| Coastwise Exports | 10,063.586 tonnes | 2,100.000 tonnes  |

## Shipping in Scalloway 1985-1992

|                           | 1985       | 1986       | 1989       | 1990       | 1991       | 1992       |
|---------------------------|------------|------------|------------|------------|------------|------------|
| British fishing**         | 201        | 163        | 302        | 134        | 207        | 278        |
| Foreign fishing           | 26         | 17         | 22         | 22         | 28         | 9          |
| Frozen fish cargo vessels | 22         | 20         | 3          | 0          | 1          | 1          |
| Oil-related/stand-by      | 20         | 5          | 7          | 1          | 1          | 2          |
| H.M. ships/Customs        | 0          | 0          | 1          | 2          | 0          | 1          |
| General cargo             | 57         | 80         | 82         | 70         | 58         | 49         |
| Other vessels             | 2          | 0          | 2          | 35         | 43         | 71         |
| Passenger ships/ferries   | 35         | 11         | 6          | 0          | 0          | 0          |
| Fishery research          | 3          | 0          | 2          | 12         | 1          | 4          |
| Yachts                    | 14         | 9          | 31         | 29         | 33         | 26         |
| Sail training ships       | 1          | 0          | 0          | 0          | 0          | 2          |
| <b>Total</b>              | <b>381</b> | <b>305</b> | <b>458</b> | <b>305</b> | <b>372</b> | <b>443</b> |

\*\* Excludes local fishing fleet

## Scalloway Harbour Revenue

| 1985/86  | 1986/87  | 1987/88  | 1988/89  | 1989/90  | 1990/91  | 1991/92  | 1992/93  | 1993/94  |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| £160,419 | £160,838 | £206,876 | £174,032 | £214,791 | £203,547 | £202,598 | £201,333 | £175,317 |

Source: Marine Operations Department, SIC

## Air Services

### Total aircraft traffic at Sumburgh, Scatsta, Unst and Tingwall

|                    | 1978    | 1984    | 1985    | 1988    | 1989    | 1990    | 1992    | 1993    | 1994    |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Aircraft Movements | 57,343  | 31,666  | 29,664  | 36,588  | 37,988  | 41,993  | 37,289  | 40,451  | 37,530  |
| Passengers         | 757,470 | 384,465 | 369,434 | 475,608 | 524,402 | 580,078 | 541,859 | 614,414 | 580,448 |

### Employment

|              | 1978       | 1982       | 1983       | 1984       | 1985       | 1988       | 1989       | 1990       | 1992       | 1993       | 1994       |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Sumburgh     | 529        | 501        | 238        | 232        | 209        | 217        | 248        | 304        | 282        | 290        | 286        |
| Tingwall     | n/a        | 10         | 10         | 10         | 10         | 10         | 8          | 8          | 8          | 8          | 7          |
| Scatsta      | n/a        | 41         | 28         | 12         | 9          | 13         | 13         | 11         | 9          | 14         | 16         |
| Unst         | n/a        | 69         | 72         | 61         | 66         | 41         | 38         | 44         | 75         | 79         | 65         |
| <b>Total</b> | <b>529</b> | <b>621</b> | <b>348</b> | <b>315</b> | <b>294</b> | <b>281</b> | <b>307</b> | <b>367</b> | <b>374</b> | <b>391</b> | <b>374</b> |

Source: Development Department, SIC

### Sumburgh Airport Traffic: Passengers & Freight

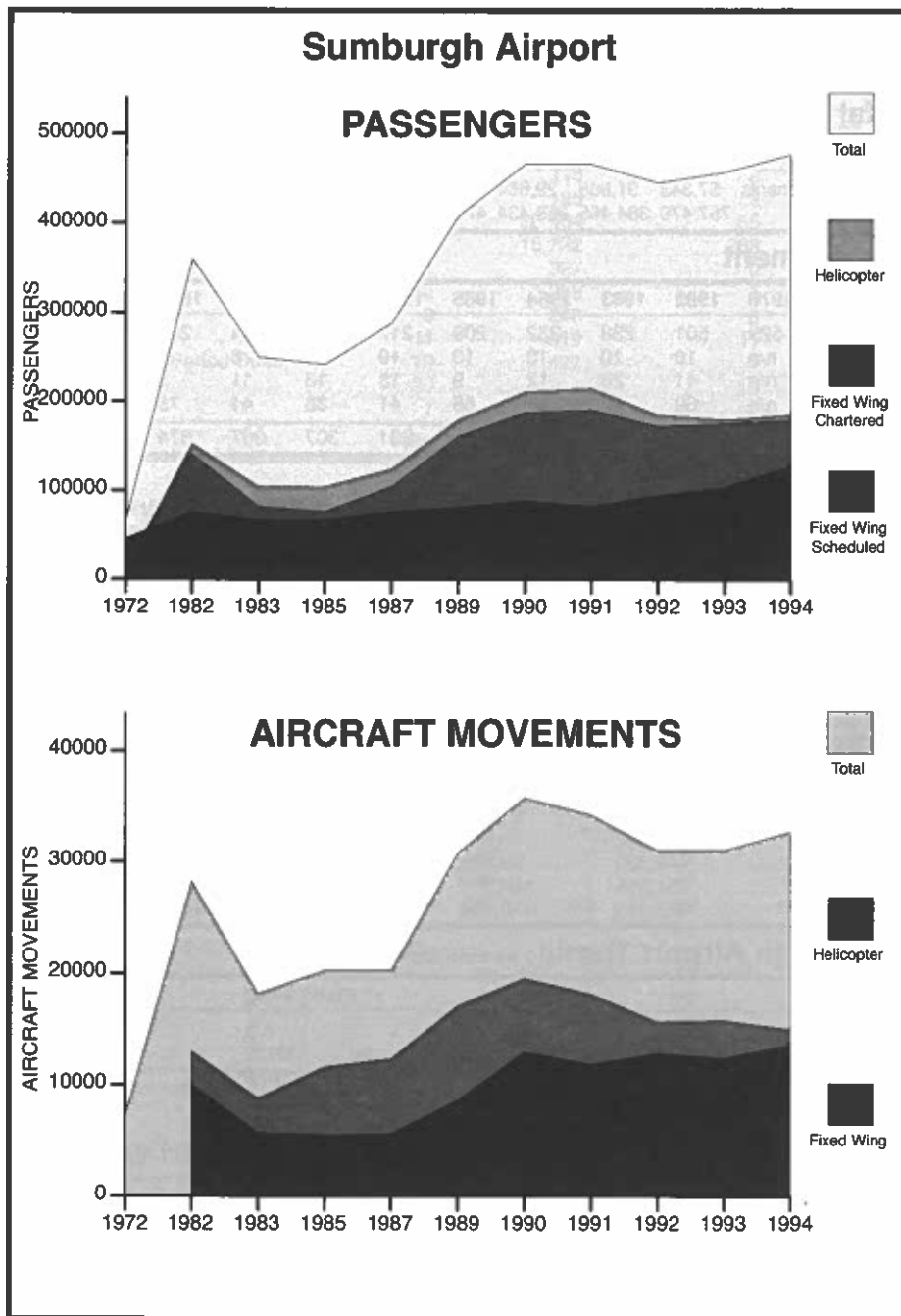
|      | Total Passengers | Fixed Wing Scheduled Passengers | Charter Passengers & Others | Helicopter Passengers | Freight (kgs) |
|------|------------------|---------------------------------|-----------------------------|-----------------------|---------------|
| 1972 | 70,589           | 45,781                          | 13,979                      | 10,739                | 205,303       |
| 1976 | 250,778          | 78,654                          | 84,111                      | 88,013                | 157,438       |
| 1982 | 367,307          | 70,543                          | 141,871                     | 154,893               | 2,176,402     |
| 1983 | 247,678          | 61,326                          | 84,162                      | 102,190               | 1,481,389     |
| 1985 | 239,159          | 60,724                          | 75,401                      | 103,034               | 1,599,378     |
| 1987 | 288,793          | 63,959                          | 102,205                     | 122,629               | 1,441,408     |
| 1989 | 405,347          | 73,966                          | 150,667                     | 180,714               | 1,524,111     |
| 1990 | 470,894          | 81,676                          | 179,648                     | 209,570               | 1,586,795     |
| 1991 | 473,626          | 76,841                          | 182,377                     | 214,408               | 1,448,769     |
| 1992 | 442,330          | 93,825                          | 163,060                     | 185,474               | 1,457,810     |
| 1993 | 451,055          | 104,311                         | 165,581                     | 181,163               | 1,522,012     |
| 1994 | 476,246          | 118,454                         | 173,353                     | 184,439               | 1,655,866     |

### Sumburgh Airport Traffic: Aircraft Movements

|      | Total  | Fixed Wing | Helicopter |
|------|--------|------------|------------|
| 1972 | 6,095  | n/a        | n/a        |
| 1976 | 25,694 | 13,030     | 12,664     |
| 1982 | 23,412 | 10,070     | 13,342     |
| 1983 | 15,255 | 5,948      | 9,277      |
| 1985 | 17,004 | 5,480      | 11,524     |
| 1987 | 17,518 | 5,722      | 11,796     |
| 1989 | 25,659 | 8,299      | 17,360     |
| 1990 | 30,898 | 11,150     | 19,748     |
| 1991 | 29,168 | 10,321     | 18,847     |
| 1992 | 27,412 | 10,920     | 16,696     |
| 1993 | 27,601 | 10,886     | 16,715     |
| 1994 | 28,052 | 11,789     | 16,263     |

Source: Highlands and Islands Airports Ltd.





## UK Airport Passengers — Year ended January 1995

|                              | 1995                      |   | 1994                      |   |
|------------------------------|---------------------------|---|---------------------------|---|
|                              | Terminal passengers (000) | Percentage of passengers at all UK airports | Terminal passengers (000) | Percentage of passengers at all UK airports |
| Heathrow                     | 51,665                    | 42.0  | 47,836                    | 42.4  |
| Gatwick                      | 21,101                    | 17.2  | 20,053                    | 17.8  |
| Manchester                   | 14,360                    | 11.7  | 12,912                    | 11.5  |
| Glasgow                      | 5,461                     | 4.4   | 5,023                     | 4.5   |
| Birmingham                   | 4,829                     | 3.9   | 4,047                     | 3.6   |
| Stansted                     | 3,307                     | 2.7   | 2,695                     | 2.4   |
| Edinburgh                    | 3,013                     | 2.5   | 2,719                     | 2.4   |
| Newcastle                    | 2,421                     | 2.0   | 2,090                     | 1.9   |
| Aberdeen                     | 2,159                     | 1.8   | 2,290                     | 2.0   |
| Belfast International        | 2,044                     | 1.7   | 2,159                     | 1.9   |
| Luton                        | 1,798                     | 1.5   | 1,824                     | 1.6   |
| East Midlands                | 1,618                     | 1.3   | 1,383                     | 1.2   |
| Bristol                      | 1,284                     | 1.0   | 1,120                     | 1.0   |
| Belfast City                 | 1,233                     | 1.0   | 881                       | 0.8   |
| Cardiff Wales                | 1,001                     | 0.8   | 775                       | 0.7   |
| Leeds/Bradford               | 813                       | 0.7   | 717                       | 0.6   |
| Isle of Man                  | 514                       | 0.4   | 494                       | 0.4   |
| London City                  | 491                       | 0.4   | 256                       | 0.2   |
| Southampton                  | 478                       | 0.4   | 422                       | 0.4   |
| <b>SUMBURGH</b>              | <b>461</b>                | <b>0.4</b>                                  | <b>426</b>                | <b>0.4</b>                                  |
| Liverpool                    | 436                       | 0.4   | 464                       | 0.4   |
| Teesside                     | 376                       | 0.3   | 319                       | 0.3   |
| Inverness                    | 264                       | 0.2   | 227                       | 0.2   |
| Humberside                   | 258                       | 0.2   | 196                       | 0.2   |
| Norwich                      | 215                       | 0.2   | 201                       | 0.2   |
| Exeter                       | 198                       | 0.2   | 175                       | 0.2   |
| Prestwick                    | 144                       | 0.1   | 11                        | 0.0   |
| Bournemouth                  | 113                       | 0.1   | 78                        | 0.1   |
| Isles of Scilly (St Mary's)  | 110                       | 0.1   | 100                       | 0.1   |
| Stornoway                    | 95                        | 0.1   | 89                        | 0.1   |
| Kirkwall                     | 92                        | 0.1   | 97                        | 0.1   |
| Penzance Heliport            | 89                        | 0.1   | 84                        | 0.1   |
| <b>UNST</b>                  | <b>83</b>                 | <b>0.1</b>                                  | <b>148</b>                | <b>0.1</b>                                  |
| Blackpool                    | 79                        | 0.1   | 99                        | 0.1   |
| Plymouth                     | 76                        | 0.1   | 63                        | 0.1   |
| Benbecula                    | 37                        | —   | 35                        | —   |
| Londonderry                  | 34                        | —   | 31                        | —   |
| Cambridge                    | 32                        | —   | 30                        | —   |
| Wick                         | 28                        | —   | 28                        | —   |
| Isles of Scilly (Tresco)     | 21                        | —   | 19                        | —   |
| Islay                        | 19                        | —   | 18                        | —   |
| Dundee                       | 14                        | —   | 15                        | —   |
| <b>SCATSTA</b>               | <b>13</b>                 | <b>—</b>                                    | <b>13</b>                 | <b>—</b>                                    |
| Biggin Hill                  | 11                        | —   | 8                         | —   |
| Barra                        | 6                         | —   | —                         | —   |
| Battersea Heliport           | 5                         | —   | 3                         | —   |
| Kent International           | 5                         | —   | 7                         | —   |
| Tiree                        | 5                         | —   | 5                         | —   |
| <b>LERWICK (TINGWALL)</b>    | <b>4</b>                  | <b>—</b>                                    | <b>4</b>                  | <b>—</b>                                    |
| Gloucestershire              | 4                         | —   | 9                         | —   |
| Coventry                     | 3                         | —   | 10                        | —   |
| Shoreham                     | 3                         | —   | 2                         | —   |
| Carlisle                     | 1                         | —   | 3                         | —   |
| Southend                     | 1                         | —   | 10                        | —   |
| Barrow-in-Furness            | —                         | —   | 1                         | —   |
| Lydd                         | —                         | —   | 1                         | —   |
| Hawarden                     | —                         | —   | —                         | —   |
| Cranfield                    | —                         | —   | —                         | —   |
| Oxford (Kidlington)          | —                         | —   | —                         | —   |
| Redhill                      | —                         | —   | —                         | —   |
| Rochester                    | —                         | —   | —                         | —   |
| Bembridge                    | —                         | —   | 1                         | —   |
| <b>All UK airports Total</b> | <b>122,922</b>            | <b>100.0</b>                                | <b>112,225</b>            | <b>100.0</b>                                |

Source: Civil Aviation Authority

## Scatsta Airport Traffic

|                    | 1984   | 1985   | 1986   | 1987   | 1989   | 1990   | 1991   | 1992   | 1993   | 1994   |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Passengers         | 14,313 | 14,938 | 13,157 | 13,216 | 17,151 | 12,892 | 14,495 | 14,118 | 13,157 | 12,270 |
| Aircraft Movements | 2,593  | 2,548  | 2,232  | 1,982  | 1,589  | 590    | 630    | 694    | 832    | 780    |

## Tingwall Airport Traffic

|                    | 1984   | 1985   | 1986   | 1987   | 1989   | 1990   | 1991   | 1992  | 1993  | 1994  |
|--------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| Passengers         | 14,925 | 14,364 | 13,368 | 13,093 | 15,224 | 12,748 | 15,453 | 5,062 | 4,442 | 4,481 |
| Aircraft Movements | 3,322  | 3,344  | 3,333  | 3,337  | 3,198  | 3,189  | 2,917  | 2,549 | 2,335 | 2,485 |

## Unst Airport Traffic: Passengers

|              | 1984           | 1985           | 1986          | 1987           | 1989          | 1990          | 1991          | 1992          | 1993           | 1994          |
|--------------|----------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|
| Fixed Wing   | 54,110         | 50,104         | 44,856        | 44,387         | 38,717        | 38,565        | 41,442        | 40,683        | 73,279         | 44,308        |
| Helicopter   | 61,799         | 50,869         | 52,282        | 57,981         | 47,963        | 44,979        | 43,609        | 39,666        | 72,481         | 43,143        |
| <b>Total</b> | <b>115,909</b> | <b>100,973</b> | <b>97,138</b> | <b>102,368</b> | <b>86,680</b> | <b>83,544</b> | <b>85,051</b> | <b>80,349</b> | <b>145,760</b> | <b>87,451</b> |

### Aircraft Movements

|              | 1984         | 1985         | 1986         | 1987          | 1989         | 1990         | 1991         | 1992         | 1993         | 1994         |
|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Fixed Wing   | 2,338        | 2,158        | 2,052        | 2,566         | 1,674        | 1,592        | 1,674        | 2,108        | 2,916        | 2,312        |
| Helicopter   | 5,426        | 4,610        | 6,540        | 7,963         | 5,868        | 5,724        | 5,474        | 4,526        | 6,767        | 3,901        |
| <b>Total</b> | <b>7,764</b> | <b>6,768</b> | <b>8,592</b> | <b>10,529</b> | <b>7,542</b> | <b>7,316</b> | <b>7,148</b> | <b>6,634</b> | <b>9,683</b> | <b>6,213</b> |

## Small Airfield Traffic: Passengers

| Airfield  | 1984  | 1985  | 1986  | 1987  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Fair Isle | 1,704 | 1,596 | 1,822 | 1,654 | 2,127 | 2,674 | 2,048 | 2,523 | 1,857 | 2,054 |
| Fetlar    | 50    | 52    | 60    | 58    | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   |
| Foula     | 1,228 | 1,276 | 1,100 | 1,158 | 1,600 | n/a   | n/a   | n/a   | n/a   | n/a   |
| Skerries  | 603   | 554   | 624   | 706   | 734   | 927   | 900   | 900   | n/a   | n/a   |
| Whalsay   | 90    | 100   | 100   | 140   | 400   | 320   | 360   | 300   | n/a   | n/a   |

### Aircraft Movements

|           | 1984 | 1985 | 1986 | 1987 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|-----------|------|------|------|------|------|------|------|------|------|------|
| Fair Isle | 478  | 426  | 480  | 458  | 596  | 710  | 610  | 683  | 628  | 620  |
| Fetlar    | 44   | 38   | 40   | 40   | n/a  | n/a  | n/a  | n/a  | n/a  | n/a  |
| Foula     | 364  | 344  | 304  | 320  | 496  | 522  | 466  | 488  | 536  | 548  |
| Skerries  | 364  | 154  | 302  | 294  | 376  | 432  | 400  | 400  | n/a  | n/a  |
| Whalsay   | 76   | 72   | 70   | 98   | 200  | 200  | 200  | 160  | n/a  | n/a  |

Source: Various local personnel. Some figures are estimates.

## Conservation

### Buildings of Special Architectural or Historic Interest

The Secretary of State for Scotland compiles lists of Buildings of Special Architectural or Historic Interest in order that such buildings may be identified and appropriate measures for their conservation can be taken. The list for Shetland contains a wide variety of building types and styles from castles to croft-houses and is sub-divided into categories. Category A buildings are of national and international importance whilst those in Category C(s) are of more local interest, of lesser importance or altered. The greatest number of buildings on the list are Category B and are representative of many of Shetland's most notable periods, styles, architects and famous people. Any works to a listed building which would affect its character (including demolition) normally requires permission (known as "Listed Building Consent") for which an application is made to the Council as Planning Authority. There are a wide range of planning powers and duties in respect of listed buildings which seek to conserve and enhance this fine built heritage.

### Scheduled Ancient Monuments

The Secretary of State maintains a schedule of ancient monuments of national importance and publishes a list of them from time to time. The list is for the whole of Scotland but arranged by local authority area. It is categorised according to type of monument. The only category not represented in Shetland is for Roman monuments but, as can be seen, the majority of scheduled ancient monuments are of prehistoric origin. There are a wide range of powers in respect of archaeological sites generally and scheduled ancient monuments in particular. The development planning and development control processes (exercised mainly by the Council) take account of archaeology generally, whilst works which would affect a scheduled ancient monument require the permission of the Secretary of State (Scheduled Monument Consent).

The List of Buildings of Special Architectural or Historic Interest for Shetland and the Schedule of Ancient Monuments in Scotland are held by the Director of Planning where they are open for public inspection by appointment.

### Buildings of Special Architectural or Historic Interest

|               |            |
|---------------|------------|
| Category A    | 8          |
| Category B    | 82         |
| Category C(s) | 62         |
| <b>Total</b>  | <b>152</b> |

### Ancient Monuments

There were 275 scheduled ancient monuments as at 1st January 1995 in the following categories:

|                                    |     |
|------------------------------------|-----|
| Prehistoric ritual and funerary    | 74  |
| Prehistoric domestic and defensive | 167 |
| Crosses and carved stones          | 1   |
| Ecclesiastical                     | 18  |
| Secular                            | 11  |
| Industrial                         | 4   |

Of these, 8 are in the care of the Secretary of State for Scotland

## Nature Conservation

Scottish Natural Heritage is the independent government agency responsible for safeguarding and enhancing Scotland's countryside and wildlife and promoting the understanding and enjoyment of the natural heritage.

### Statutory Conservation Sites in Shetland

#### 3 National Nature Reserves (NNR)

|                                  |           |
|----------------------------------|-----------|
| Hermaness (Seabird Colony)       | 980.3 ha. |
| Keen of Hamar (Serpentine Flora) | 51.3 ha.  |
| Noss (Seabird Colony)            | 313.0 ha. |

#### 76 Sites of Special Scientific Interest (SSSI)

|                             |             |                           |             |
|-----------------------------|-------------|---------------------------|-------------|
| 6 Freshwater                | 390.1 ha.   | 1 General Island Interest | 209.8 ha.   |
| 8 Seabird Colonies          | 3,858.7 ha. | 1 Peatland                | 165.2 ha.   |
| 5 Marsh or Meadow           | 211.0 ha.   | 1 Limestone Flora         | 81.8 ha.    |
| 4 Tree Sites or Plantations | 62.2 ha.    | 4 Serpentine Heath        | 3,021.4 ha. |
| 1 Upland                    | 4,906.7 ha. | 2 Tidal Flats/Saltmarsh   | 37.2 ha.    |
| 2 Sand Dune/Machair         | 201.3 ha.   | 29 Geological             | 715.6 ha.   |
| 3 Moorland Breeding Birds   | 1,546.1 ha. | 5 Geomorphological        | 347.0 ha.   |
| 1 Maritime Heath            | 34.2 ha.    | 3 Endemic Plant Species   | 3.1 ha.     |

3 of the ornithological SSSI's are also designated as Special Protection Areas under the EC Directive on the Conservation of Wild Birds.

Total area covered by statutory conservation sites is 15,792 hectares which represents 10.8 per cent of the total area of Shetland.

#### Approximate coverage of each island or island group as at March 1995:

|  |      |
|--|------|
| Papa Stour — 3 sites                                   | 64%  |
| Foula — 2 sites  | 100% |
| Fair Isle — 1 site                                     | 72%  |
| Fetlar — 6 sites                                       | 72%  |
| Bressay (Noss) — 1 site                                | 11%  |
| Unst — 15 sites  | 21%  |
| Mainland and associated uninhabited islands — 42 sites | 8%   |
| Yell — 5 sites   | 1%   |
| Muckle Roe — 1 site                                    | 0.1% |

Scottish Natural Heritage has also identified 4 key areas of coastline as Marine Consultation Areas. This unofficial and non-statutory designation is aimed at highlighting the conservation importance of these varied examples of Shetland's inshore marine environment.







Shetland is of considerable importance at national and international level for several species of animals. Shetland's approximate proportion of the British population of several species is shown below:

|                                |        |                          |     |
|--------------------------------|--------|--------------------------|-----|
| Whimbrel (Peerie Whaup)        | 95%    | Black Guillemot (Tystie) | 30% |
| Great Skua (Bonxie)            | 76%    | Shag (Scarf)             | 27% |
| Red-throated Diver (Raingoose) | 50-70% | Gannet (Solan)           | 16% |
| Red-necked Phalarope           | 90%    | Grey Seal                | 4%  |
| Arctic Skua (Aalin)            | 61%    | Common Seal              | 28% |
| Arctic Tern (Tirrick)          | 40%    | Otter                    | 12% |
| Fulmar (Maalie)                | 35%    |                          |     |

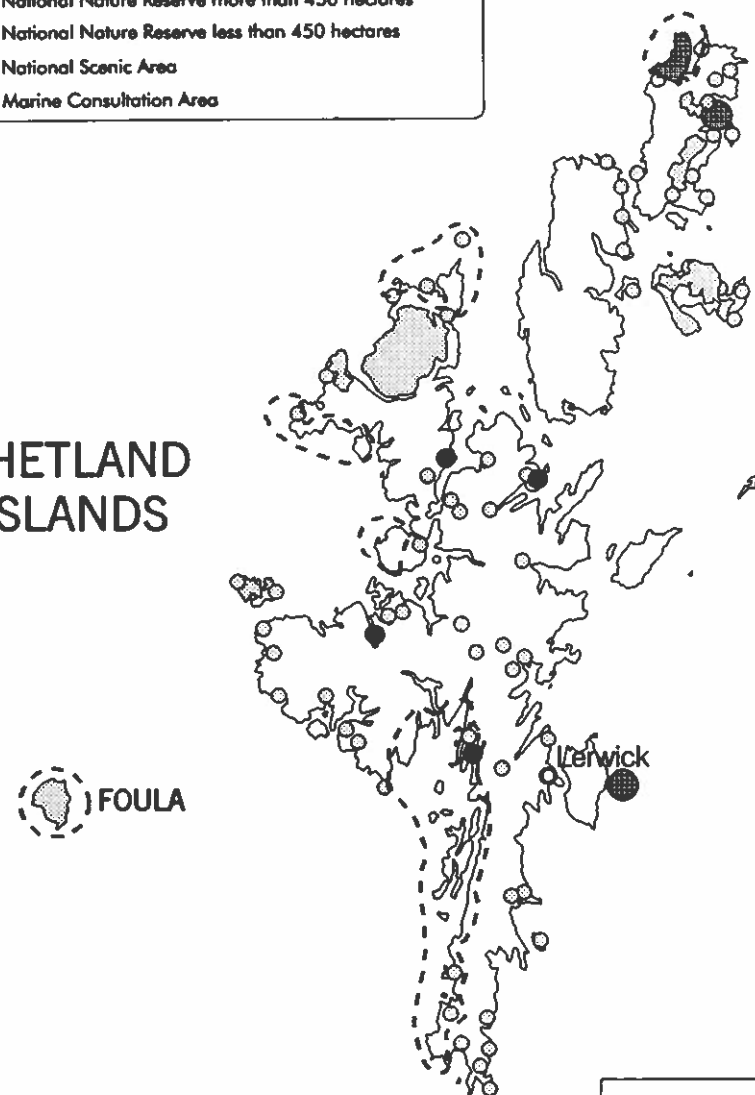
The Shetland population of Great Skua is the most significant in international terms with 43 per cent of the northern hemisphere's total.

SNH also has responsibility for the Shetland National Scenic Area (NSA) which covers 11,600 hectares of outstanding landscape value.

## STATUTORY SITES IN SHETLAND

-  Site of Special Scientific Interest more than 450 hectares
-  Site of Special Scientific Interest less than 450 hectares
-  National Nature Reserve more than 450 hectares
-  National Nature Reserve less than 450 hectares
-  National Scenic Area
-  Marine Consultation Area

### SHETLAND ISLANDS



Prepared by Cartographic Services Based on the Ordnance Survey 1:625,000 Map  
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 FAIR ISLE

## Leisure Facilities

### Leisure Centres — Usage to end of March each year

|           | 1989/90 | 1990/91 | 1991/92 | 1992/93 | 1993/94 |
|-----------|---------|---------|---------|---------|---------|
| Clickimin | 150,195 | 150,919 | 160,411 | 165,716 | 166,788 |
| Unst      | 54,314  | 53,333  | 52,541  | 48,300  | 49,063  |
| Yell      | 40,420  | 38,411  | 38,649  | 37,569  | 37,376  |
| Whalsay   |         | 69,147  | 58,820  | 55,935  | 54,524  |

Source: Shetland Recreational Trust Annual Reports

### Swimming Pools

|                | 1989/90 | 1990/91 | 1991/92 | 1992/93 | 1993/94 |
|----------------|---------|---------|---------|---------|---------|
| Lerwick        | 129,576 | 133,107 | 133,249 | 134,376 | 136,571 |
| North Mainland | 45,736  | 46,794  | 43,551  | 39,089  | 38,702  |
| Unst*          | 14,587  | 12,469  | 11,789  | 10,447  | 10,097  |
| Yell*          | 11,109  | 6,635   | 8,393   | 7,300   | 7,779   |
| Whalsay*       |         | 25,697  | 20,928  | 20,215  | 18,835  |
| South Mainland |         |         |         |         | 44,871  |
| Scalloway      |         |         |         |         | 44,346  |

Walls — no figures available at this time

Source: Lerwick Swimming Pool and Shetland Recreational Trust.

\* Usage figures included in leisure centre totals.

### Community Halls and Community Centres (by community work area)

| North Isles                   | South Mainland                     | Lerwick                               |
|-------------------------------|------------------------------------|---------------------------------------|
| North Unst (Haroldswick) Hall | South Nesting Hall                 | North Staneyhill Hall                 |
| Baltasound Hall — Unst        | Muckle Roe Hall                    | Lerwick Town Hall                     |
| South Unst (Uyeasound) Hall   | Trondra Hall                       | Islesburgh Youth and Community Centre |
| Cullivoe Hall — Yell          | Burra (Hamnavoe) Hall              | Sound Hall                            |
| Sellafirth Hall — Yell        | Bridge End Hall                    | Bressay Hall                          |
| North-a-Voe Hall — Yell       |                                    |                                       |
| Herra Hall — Yell             | <b>North Mainland</b>              |                                       |
| Mid Yell Hall                 | North Roe and Lochend Hall         |                                       |
| West Sandwick Hall — Yell     | North Roe and Lochend Central Hall |                                       |
| North Ness Hall — Yell        | Eshanness Community Centre         |                                       |
| Burra-voe Hall — Yell         | Ollaberry Hall                     |                                       |
| East Yell Hall                | Hillswick Hall                     |                                       |
| Fetlar Hall                   | Mossbank Hall                      |                                       |
|                               | Mossbank Youth Centre              |                                       |
|                               | Sullom and Gunnister Hall          |                                       |
|                               | Brae Hall                          |                                       |
|                               | Lunnasting Hall                    |                                       |
|                               | Olnafirth Hall — Voe               |                                       |
|                               | Symbister Hall — Whalsay           |                                       |
|                               | Isbister Hall — Whalsay            |                                       |
|                               | Livister Youth Centre — Whalsay    |                                       |
|                               | Skerries Hall                      |                                       |
|                               | North Nesting Hall                 |                                       |

## Social Provision & Services

### Cost of Living

| Indices           | June 1984 | June 1986 | June 1988 | June 1989 | June 1990 | June 1992 | June 1993 | June 1994 | June 1995 |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Shetland: Lerwick | 109.4     | 107.9     | 107.5     | 107.3     | 107.0     | 104.9     | 104.4     | 106.1     |           |
| Remote            | 118.5     | 114.5     | 114.0     | 113.4     | 114.3     | 112.1     | 111.5     | 111.1     |           |
| Village A         | 115.4     | 113.4     | 111.5     | 111.0     | 110.1     | 108.4     | 108.1     | 108.5     |           |
| Village B         | 117.1     | 116.2     | 115.8     | 116.1     | 114.1     | 112.1     | 111.7     | 111.0     |           |
| Village C         | 116.9     | 114.5     | 114.5     | 114.8     | 112.9     | 110.9     | 111.0     | 110.1     |           |
| Rural Average     | 109.0     | 107.3     | 106.6     | 106.3     | 106.1     | 102.6     | 102.7     | 103.0     |           |
| Aberdeen          | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     |           |
| Edinburgh         | 102.3     | 100.8     | 100.5     | 99.7      | 101.1     | 103.6     | 102.6     | 103.0     |           |

The indices are calculated from information collected on the price of food, housing, transport, services and other goods in various locations in rural Scotland using Aberdeen as the basis for comparison. For reasons of confidentiality single shop communities are not identified.

Source: Rural Scotland Price Survey

### Housing

|                                    | 1981  | 1983  | 1987  | 1988  | 1989   | 1991  | 1992   | 1993  | 1994  | 1995   |
|------------------------------------|-------|-------|-------|-------|--------|-------|--------|-------|-------|--------|
| Shetland Islands Council           | 2,655 | 2,610 | 2,648 | 2,621 | 2,566  | 2,566 | 2,580  | 2,579 | 2,561 | 2,550* |
| Scottish Homes                     | 156   | 154   | 145   | 136   | 131    | 112   | 108    | 112   | 119   | 119*   |
| Hjaltland Housing Assoc.           | n/a   | n/a   | n/a   | n/a   | n/a    | 178   | 174    | 170   | 168   | 168*   |
| No. of Sheltered Housing Schemes** | -     | -     | -     | -     | -      | -     | -      | -     | -     | 40     |
| No. of Sheltered Housing Units**   | -     | -     | -     | -     | -      | -     | -      | -     | -     | 289    |
| Private and Others                 | 5,507 | 5,840 | 6,018 | 6,299 | 6,300* | 6,300 | 6,438* | 6,307 | 6,520 | 6,560* |

\* Estimate

\*\* Up until 1995, sheltered housing was under the Social Work Department. These figures include both SIC and Hjaltland Housing Association stock.

### Vehicle Ownership

Vehicles licensed in Shetland on 31st December

| Type                               | 1971         | 1981         | 1985         | 1989          | 1990          | 1991          | 1992          | 1993          |
|------------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Private Cars and Light Goods       | 3,600        | 7,048        | 7,584        | 8,510         | 8,775         | 8,933         | 9,473         | 9,544         |
| Goods Vehicles (inc. Agricultural) | 440          | 801          | 372          | 359           | 319           | 310           | 307           | 305           |
| Buses & Coaches                    | 138          | 164          | 183          | 162           | 129           | 121           | 120           | 103           |
| Motor Cycles                       | 350          | 545          | 391          | 347           | 325           | 287           | 277           | 273           |
| Miscellaneous                      | 652          | 831          | 964          | 970           | 954           | 967           | 952           | 1,048         |
| <b>Total</b>                       | <b>5,180</b> | <b>9,389</b> | <b>9,494</b> | <b>10,348</b> | <b>10,502</b> | <b>10,618</b> | <b>11,129</b> | <b>11,273</b> |

1971 figures: Local Taxation Office.

1981 and onwards: Department of the Environment and Department of Transport.

A change in the taxation methods has meant that some light goods vehicles formerly licensed as 'Goods' are now licensed as 'Private'.

## Education and Training

### No. of Teachers in Shetland

|                                   | 1971       | 1981       | 1990       | 1991       | 1992       | 1993       | 1994       | 1995       |
|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Nursery Teachers .....            | -          | -          | -          | -          | -          | -          | -          | 10         |
| Primary Teachers .....            | 91         | 164        | 140        | 140        | 158        | 164        | 172        | 171        |
| Secondary Teachers .....          | 88         | 142        | 178        | 189        | 193        | 195        | 195        | 200        |
| Further Education Lecturers ..... | 2          | 9          | 18         | 18         | 19         | 25         | 33         | 33*        |
| <b>Total</b> .....                | <b>181</b> | <b>315</b> | <b>336</b> | <b>347</b> | <b>370</b> | <b>384</b> | <b>400</b> | <b>414</b> |

\* Estimate

### Nursery Education (No. of pupils)

|                                   | 1981       | 1989       | 1990       | 1991       | 1992       | 1993       | 1994       | 1995       |
|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Aith Junior High .....            | 0          | 0          | 0          | 0          | 0          | 14         | 12         | 14         |
| Bell's Brae .....                 | 0          | 0          | 0          | 64         | 79         | 80         | 80         | 80         |
| Brae .....                        | 51         | 65         | 71         | 60         | 60         | 53         | 60         | 37         |
| Dunrossness .....                 | 0          | 0          | 0          | 33         | 25         | 32         | 35         | 26         |
| Happyhansel .....                 | 0          | 0          | 0          | 0          | 0          | 9          | 18         | 15         |
| Mossbank .....                    | 0          | 0          | 0          | 23         | 24         | 18         | 28         | 25         |
| Sandwick .....                    | 0          | 0          | 0          | 38         | 31         | 26         | 30         | 23         |
| Sound .....                       | 60         | 60         | 60         | 60         | 60         | 61         | 60         | 54         |
| Symbister House Junior High ..... | 0          | 0          | 0          | 0          | 0          | 0          | 26         | 16         |
| Urafirth .....                    | 0          | 0          | 0          | 0          | 0          | 0          | 10         | 12         |
| <b>Total</b> .....                | <b>111</b> | <b>125</b> | <b>131</b> | <b>278</b> | <b>279</b> | <b>293</b> | <b>359</b> | <b>302</b> |

### Primary Education

#### Primary School Rolls as at January each year

|                                   | 1971 | 1981 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
|-----------------------------------|------|------|------|------|------|------|------|------|
| Baltasound Junior High .....      | 103  | 106  | 79   | 85   | 68   | 70   | 71   | 71   |
| Mid Yell Junior High .....        | 56   | 65   | 47   | 48   | 49   | 48   | 49   | 54   |
| Brae Junior High .....            | 44   | 171  | 136  | 139  | 141  | 144  | 139  | 146  |
| Symbister House Junior High ..... | 125  | 146  | 120  | 125  | 117  | 123  | 118  | 111  |
| Aith Junior High .....            | 67   | 52   | 61   | 61   | 54   | 51   | 61   | 56   |
| Scalloway Junior High .....       | 120  | 150  | 123  | 117  | 113  | 118  | 103  | 98   |
| Sandwick Junior High .....        | 44   | 96   | 76   | 69   | 80   | 80   | 87   | 96   |
| Haroldswick Primary .....         | 38   | 21   | 27   | 25   | 22   | 28   | 28   | 26   |
| Uyeasound Primary .....           | 21   | 16   | 8    | 9    | 11   | 15   | 9    | 12   |
| Cullivoe Primary .....            | 21   | 24   | 20   | 18   | 16   | 15   | 13   | 12   |
| Burravoe Primary .....            | 38   | 36   | 30   | 32   | 34   | 30   | 28   | 28   |
| Fellar Primary .....              | 14   | 15   | 8    | 7    | 13   | 11   | 10   | 13   |
| North Roe Primary .....           | 17   | 23   | 19   | 20   | 20   | 23   | 22   | 19   |
| Ollaberry Primary .....           | 18   | 16   | 34   | 36   | 34   | 34   | 35   | 31   |
| Urafirth Primary .....            | 26   | 37   | 33   | 29   | 20   | 24   | 23   | 27   |
| Mossbank Primary .....            | 16   | 136  | 77   | 70   | 73   | 68   | 69   | 77   |
| Olnafirth Primary .....           | 19   | 46   | 40   | 31   | 35   | 37   | 38   | 37   |
| Lunnasting Primary .....          | 20   | 38   | 22   | 21   | 25   | 26   | 24   | 26   |
| South Nesting Primary .....       | 16   | 26   | 18   | 11   | 14   | 16   | 21   | 15   |

Table Contd.

## Education and Training

### Primary Education (continued)

|                             | 1971         | 1981         | 1990         | 1991         | 1992         | 1993         | 1994         | 1995         |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Skerries Primary .....      | 16           | 11           | 8            | 9            | 8            | 7            | 7            | 8            |
| Sandness Primary .....      | 6            | 15           | 14           | 13           | 13           | 10           | 17           | 16           |
| Foula Primary .....         | 4            | 7            | 6            | 4            | 3            | 4            | 5            | 7            |
| Papa Stour Primary .....    | 0            | 5            | 2            | 4            | 2            | 3            | 1            | 1            |
| Happyhansel Primary .....   | 43           | 48           | 58           | 57           | 54           | 54           | 52           | 48           |
| Gruting Primary .....       | 12           | 9            | 0            | 0            | 0            | 0            | 0            | 0            |
| Skeld Primary .....         | 13           | 36           | 11           | 14           | 11           | 12           | 20           | 22           |
| Whiteness Primary .....     | 31           | 87           | 78           | 85           | 96           | 92           | 96           | 95           |
| Burra Primary .....         | 16           | 0            | 0            | 0            | 0            | 0            | 0            | 0            |
| Hamnavoe Primary .....      | 64           | 107          | 100          | 96           | 94           | 92           | 90           | 85           |
| Gott Primary .....          | 41           | 52           | 54           | 50           | 43           | 34           | 40           | 42           |
| Cunningsburgh Primary ..... | 56           | 57           | 51           | 50           | 60           | 57           | 53           | 62           |
| Dunrossness Primary .....   | 123          | 209          | 152          | 146          | 156          | 144          | 151          | 148          |
| Fair Isle Primary .....     | 3            | 11           | 10           | 8            | 7            | 5            | 3            | 4            |
| Quarff Primary .....        | 17           | 23           | 23           | 15           | 14           | 10           | 11           | 13           |
| Bressay Primary .....       | 24           | 20           | 29           | 28           | 24           | 23           | 26           | 28           |
| Bell's Brae Primary .....   | 722          | 501          | 340          | 357          | 376          | 361          | 367          | 358          |
| Sound Primary .....         | 0            | 292          | 358          | 354          | 360          | 352          | 334          | 336          |
| <b>Total</b> .....          | <b>2,014</b> | <b>2,710</b> | <b>2,272</b> | <b>2,243</b> | <b>2,260</b> | <b>2,221</b> | <b>2,221</b> | <b>2,228</b> |

### Secondary Education

#### Secondary School Rolls as at January each year

|                                   | 1971       | 1981         | 1990         | 1991         | 1992         | 1993         | 1994         | 1995         |
|-----------------------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Anderson High .....               | 571        | 915          | 863          | 878          | 903          | 953          | 990          | 971          |
| Baltasound Junior High .....      | 36         | 75           | 29           | 33           | 33           | 51           | 62           | 50           |
| Mid Yell Junior High .....        | 43         | 48           | 44           | 44           | 38           | 47           | 48           | 51           |
| Brae High .....                   | 47         | 164          | 211          | 211          | 204          | 207          | 234          | 258          |
| Symbister House Junior High ..... | 36         | 62           | 41           | 45           | 50           | 54           | 53           | 55           |
| Aith Junior High .....            | 35         | 61           | 65           | 61           | 77           | 76           | 68           | 73           |
| Scalloway Junior High .....       | 72         | 132          | 187          | 179          | 160          | 157          | 146          | 156          |
| Sandwick Junior High .....        | 55         | 121          | 140          | 144          | 145          | 149          | 148          | 151          |
| Skerries School .....             | 2          | 5            | 3            | 2            | 5            | 4            | 4            | 3            |
| <b>Total</b> .....                | <b>897</b> | <b>1,583</b> | <b>1,583</b> | <b>1,597</b> | <b>1,615</b> | <b>1,698</b> | <b>1,753</b> | <b>1,768</b> |

Source: Education Department, SIC

### Further Education

#### Students Enrolled on Further Education Courses

|                     | 1976-77    | 1984-85      | 1988-89      | 1991-92      | 1992-93      | 1993-94      |
|---------------------|------------|--------------|--------------|--------------|--------------|--------------|
| Full Time .....     | 0          | 25           | 99           | 73           | 100          | 210          |
| Part Time .....     | 56         | 109          | 82           | 36           | 72           | 263          |
| Evening Class ..... | 815        | 973          | 1,228        | 1,336        | 1,200        | 1,071        |
| YT .....            | 0          | 0            | 69           | 101          | 108          | 102          |
| <b>Total</b> .....  | <b>871</b> | <b>1,107</b> | <b>1,478</b> | <b>1,550</b> | <b>1,480</b> | <b>1,646</b> |

## North Atlantic Fisheries College

The North Atlantic Fisheries College is a £6 million industry-led establishment which was completed in May 1992. The College provides training to all areas of the Shetland Seafood industry including courses in aquaculture, fish processing, fish catching, nautical studies and marine engineering, and at all levels from SCOTVEC to postgraduate projects.

The Development Department, on behalf of Shetland Islands Council, has managed the project through the design and construction stages to completion. The operation of the College is the responsibility of the Shetland Fisheries Training Centre Trust.

### Summary of Student Numbers

|                                 | 1992       | 1993       | 1994       |
|---------------------------------|------------|------------|------------|
| Business Courses                | 0          | 19         | 19         |
| Aquaculture Courses             | 9          | 15         | 7          |
| Nautical Courses                | 67         | 355        | 326        |
| Marine Engineering Courses      | 57         | 55         | 74         |
| Fish Processing Courses         | 0          | 0          | 94         |
| First Aid & Hygiene Courses     | 106        | 288        | 243        |
| <b>Total Student Enrolments</b> | <b>239</b> | <b>732</b> | <b>763</b> |

Source: North Atlantic Fisheries College

## Social Work

The following are part of the services provided by Shetland Islands Council Social Work Department:

|   | 1984-85 | 1990-91 | 1992-93 | 1993-94 | 1994-95 |
|---|---------|---------|---------|---------|---------|
| No. of Eventide Home Beds*  | 60      | 70      | 67      | 75      | 67      |
| No. of beds in Hostel for Mentally Handicapped                          | 6       | 16      | 16      | 16      | 16      |
| No. of beds in Children's Home  | 10      | 10      | 11      | 9       | 5       |
| No. of beds for Mentally/Physically Handicapped Children — Respite Care | 0       | 0       | 6       | 6       | 6       |
| No. of Sheltered Housing Schemes**                                      | 36      | 37      | 39      | 39      | —       |
| No. of Sheltered Houses**   | 257     | 288     | 300     | 300     | —       |
| No. of Laundries  | 4       | 6       | 6       | 6       | 6       |
| No. of Meals on Wheels Schemes  | 25      | 25      | 25      | 24      | 25      |
| No. of Luncheon Clubs   | 3       | 3       | 3       | 2       | 3       |
| No. of Meals Delivered  | 45,107  | 54,800  | 61,160  | 45,915  | 43,642  |
| No. of Home Helps   | 320     | 315     | 336     | 258     | 304     |
| No. of Home Help Clients  | 584     | 576     | 652     | 524     | 567     |
| No. of Homes Connected to Community Alarm System                        | 0       | 482     | 583     | 549     | 560     |

\* The Department also registers the Walter and Joan Gray Eventide Home in Scalloway (Church of Scotland) which has a capacity of 16 beds.

\*\* Sheltered housing schemes and sheltered houses now come under the Housing Department. See page 53 for relevant figures.

In addition, the Social Work Department continues to manage one scheme of Sheltered Housing at Annsbrae House (10 units) and one scheme of very sheltered housing at King Erik House (16 units).

The Shetland Welfare Trust operates four centres in Whalsay, Brae, Walls and Levenwick, which offer 10 residential and 5 day care places in Whalsay and 15 residential and 10 (max.) day care places in Brae, Walls and Levenwick.

## Coastguard Services

Coastguard is an Executive Agency which discharges the Department of Transport's responsibility for marine search and rescue and counter pollution operations in UK waters. Shetland Coastguard Maritime Rescue Sub Centre (MRSC) located at the Knab in Lerwick is manned 24 hours a day by a team of three Coastguard Officers. Auxiliary Coastguard Rescue Companies (CRCs) are located at various points around the Shetland coast. A Sikorsky S61N helicopter based at Sumburgh is under contract to Coastguard and is available 24 hours a day.

### Incidents Co-ordinated by Shetland Coastguard

| 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|------|------|------|------|------|------|------|------|------|------|------|
| 64   | 76   | 62   | 94   | 91   | 82   | 88   | 104  | 115  | 114  | 152  |

### Statistics for 1994

|   |     |
|---|-----|
| Persons assisted  | 385 |
| Persons rescued   | 267 |
| Lives lost/bodies recovered                                 | 9   |
| MEDEVACS/MEDICOS  | 51  |
| Vessels taking water or sinking                             | 7   |
| Vessels requiring tow or escort                             | 22  |
| Cliff incidents   | 8   |
| Miscellaneous incidents                                     | 50  |
| Coastguard helicopter R-OC scrambled by Shetland Coastguard | 93  |
| Coastguard Auxiliaries called out                           | 49  |
| Lerwick lifeboat launched on service                        | 29  |
| Aith lifeboat launched on service                           | 14  |

### Coastguard Helicopter (Sumburgh) Missions carried out

| 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 1    | 40   | 39   | 37   | 61   | 64   | 59   | 84   | 58   | 72   | 88   | 93   |

### Mission Statistics for 1994

|                                 |    |
|---------------------------------|----|
| MEDEVACS                        | 34 |
| Vessels sinking                 | 18 |
| Vessels aground or adrift       | 6  |
| Vessels afire or missing        | 3  |
| Man overboard                   | 4  |
| Assistance to oil installations | 9  |
| Missing persons                 | 2  |
| Diving casualties               | 2  |
| Pleasure craft                  | 6  |
| Aircraft                        | 1  |
| Flares                          | 4  |
| Emergency transmissions         | 4  |

## Crime

The Shetland Sub-Division of the Northern Constabulary is run by the Northern Joint Police Committee, administered by Highland Regional Council. The 1994/95 requisition from Shetland Islands Council was £997,055.

### Number of Police Stations in Shetland 1994

Single Officer Police Stations: 3 (Baltasound, Mid Yell & Whalsay)

Two Officer Police Stations: 2 (Scalloway & Dunrossness)

Section Stations under Sergeant-in-Charge: 1 (Brae)

Shetland Command Area Headquarters: 1 (Lerwick)

### Police Manpower

|  | 1971 | 1976 | 1981 | 1984 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
|  | 21   | 28   | 45   | 36   | 36   | 35   | 34   | 35   | 35   | 36   | 36   | 37   | 37   |

### Number of Crimes and Offences reported to the Police

|              | 1983         | 1984         | 1985         | 1986         | 1987         | 1988         | 1989         | 1990         | 1991         | 1992         | 1993         | 1994         |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Group 1      | 18           | 24           | 19           | 24           | 17           | 20           | 32           | 19           | 21           | 20           | 9            | 14           |
| Group 2      | 1            | 9            | 15           | 2            | 4            | 10           | 20           | 22           | 3            | 3            | 8            | 12           |
| Group 3      | 306          | 376          | 346          | 345          | 319          | 257          | 302          | 343          | 279          | 220          | 321          | 414          |
| Group 4      | 171          | 147          | 177          | 133          | 173          | 190          | 249          | 196          | 199          | 171          | 209          | 198          |
| Group 5      | 44           | 77           | 75           | 71           | 45           | 67           | 83           | 86           | 53           | 60           | 163          | 152          |
| Group 6      | 311          | 403          | 323          | 286          | 342          | 371          | 371          | 410          | 322          | 295          | 316          | 299          |
| Group 7      | 743          | 965          | 773          | 926          | 866          | 987          | 1,152        | 1,436        | 1,278        | 856          | 899          | 837          |
| <b>Total</b> | <b>1,594</b> | <b>2,001</b> | <b>1,728</b> | <b>1,787</b> | <b>1,766</b> | <b>1,902</b> | <b>2,209</b> | <b>2,512</b> | <b>2,155</b> | <b>1,625</b> | <b>1,925</b> | <b>1,926</b> |

Group 1: Non-sexual crimes against the person

Group 2: Crimes involving indecency

Group 3: Crimes involving dishonesty

Group 4: Fire-raising, malicious and reckless conduct

Group 5: Other crimes

Group 6: Miscellaneous

Group 7: Offences relating to motor vehicles

In 1994 the Northern Constabulary Shetland Command Area achieved a crime detection rate of 86.4% compared with 87.3% in 1993.

The detection rate in respect of crimes as detailed in groups 1-5 above was 67.1% in 1994.

## Fire Service

The Fire Service in Shetland is run by the Highlands and Islands Fire Board, administered by Highland Regional Council. The 1994/95 requisition from Shetland Islands Council was £622,828.

### Number of Fire Units in Shetland 1994

| Location  | Establishment             | Appliances                                       |
|---|---------------------------|--|
| Retained:   |                           |  |
| Lerwick   | 20 + 2 full-time officers | 2 Water Tender Ladders<br>1 Light Fire Appliance |
| Brae  | 16                        | 2 Water Tender Ladders                           |
| Volunteer:  |                           |  |
| Mid Yell, Sumburgh, Sandwick, Walls, Mossbank, Scalloway, Baltasound, Whalsay and Hillswick | 10 per unit               | 1 Light Fire Appliance for each unit             |
| Bixter, Bressay, Fair Isle, Fetlar, Hamnavoe, Skerries, Foula and Papa Stour                | 10 per unit               | 1 Portable Pump, Hose and Ancillary Equipment    |
| <b>Total Retained and Volunteers</b>  | <b>208</b>                |  |

### Number of fires attended

|  | 1981       | 1985       | 1988       | 1990       | 1991       | 1992       | 1993       | 1994       |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Chimney fire   | 24         | 64         | 59         | 51         | 66         | 51         | 68         | 56         |
| Special Services (pumping out boats, properties, road traffic accidents) | 17         | 7          | 30         | 39         | 40         | 23         | 34         | 26         |
| Property and small fires   | 54         | 48         | 60         | 41         | 54         | 62         | 35         | 42         |
| False alarms, good intent  | 6          | 23         | 35         | 32         | 42         | 66         | 42         | 56         |
| False alarms, malicious  | 2          | 0          | 6          | 10         | 3          | 4          | 9          | 8          |
| <b>Total</b>   | <b>103</b> | <b>142</b> | <b>190</b> | <b>173</b> | <b>205</b> | <b>206</b> | <b>188</b> | <b>188</b> |

## Postal Services

### Post Office Employees

|                 | 1990                |                    | 1993                |                    | 1994                |                    |
|-----------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|                 | Royal Mail Delivery | PO Counters Ltd    | Royal Mail Delivery | PO Counters Ltd    | Royal Mail Delivery | PO Counters* Ltd   |
| Full Time Staff | 45                  | 8                  | 41                  | 6                  | 41                  | 6                  |
| Part Time Staff | 21                  | -                  | 26                  | 2                  | 26                  | 3                  |
| Sub Postmasters | -                   | (FT) 30<br>(PT) 23 | -                   | (FT) 25<br>(PT) 23 | -                   | (FT) 23<br>(PT) 28 |
| Ancillary Staff | 9                   | -                  | 5                   | -                  | 5                   | -                  |
| <b>Total</b>    | <b>75</b>           | <b>61</b>          | <b>72</b>           | <b>56</b>          | <b>72</b>           | <b>60</b>          |

\*3 offices temporarily closed  
Source: Royal Mail (Lerwick)

## No. of Letters Posted Weekly

| 1972   | 1977   | 1981   | 1986   | 1987   | 1989   | 1990   | 1992   | 1993   | 1994   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 49,866 | 52,602 | 69,400 | 56,000 | 69,271 | 65,582 | 64,095 | 67,542 | 68,200 | 63,900 |

Source: Royal Mail (Lerwick)

## No. of Television Licences

| 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  |
|-------|-------|-------|-------|-------|-------|-------|
| 6,228 | 6,480 | 6,774 | 6,800 | 6,852 | 6,929 | 7,013 |

## Energy

### Electricity Consumption Categories (Megawatts)

|                  | 1971         | 1981          | 1985          | 1987          | 1988          | 1989          |
|------------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Domestic         |              |               | 9,941         | 9,975         | 10,130        | 10,278        |
| Farms            |              |               | 55            | 67            | 79            | 87            |
| Industrial       |              |               | 1             | 1             | 1             | 2             |
| Construction     |              |               | 4             | 15            | 6             | 17            |
| Other Commercial |              |               | 880           | 899           | 898           | 898           |
| Miscellaneous    |              |               | 12            | 47            | 50            | 76            |
| <b>Total</b>     | <b>7,169</b> | <b>10,211</b> | <b>10,893</b> | <b>11,004</b> | <b>11,164</b> | <b>11,358</b> |

Breakdown of consumers in current categories available from 1985 to 1989 only

Source: Hydro Electric

### Electricity Generation

|                                     | 1971-72    | 1989-90     | 1991-92     | 1992-93     | 1993-94     | 1994-95     |
|-------------------------------------|------------|-------------|-------------|-------------|-------------|-------------|
| Units Generated<br>(kilowatt hours) | 32,319,000 | 177,551,775 | 170,023,850 | 190,675,000 | 194,992,000 | 193,581,000 |
| Maximum demand<br>(megawatts)       | 11.69      | 36.1        | 41.2        | 40.3        | 39.5        | 39.8        |

Source: Lerwick Generating Station

### Hydro-Electric Distribution (all figures: distance in kilometres)

|                                | 1981  | 1989  | 1990* | 1991  | 1992  | 1993  | 1994  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| 33,000 Volt overhead lines     | 98.0  | 128.3 | 128.3 | 128.3 | 128.3 | 133.0 | 133.0 |
| 33,000 Volt underground cables | 3.7   | 11.6  | 11.6  | 11.6  | 11.6  | 11.6  | 11.6  |
| 11,000 Volt overhead lines     | 756.2 | 825.2 | 833.4 | 843.0 | 849.0 | 858.0 | 858.0 |
| 11,000 Volt underground cables | 65.5  | 96.1  | 97.8  | 99.3  | 101.7 | 103.8 | 104.0 |
| Low Voltage overhead lines     | 345.6 | 330.1 | 326.5 | 324.5 | 318.7 | 313.6 | 307.0 |
| Low Voltage underground cables | 65.6  | 116.1 | 119.7 | 122.7 | 132.9 | 139.8 | 141.0 |

\* Figures from 1990 onwards are approximations only

Source: Hydro Electric

## Electoral Statistics

### General Election results in the Orkney and Shetland Parliamentary Constituency:

#### JUNE 1987

|                                    |        |
|------------------------------------|--------|
| James Wallace (Lib/Alliance)       | .8,881 |
| Richard Jenkins (Con)              | .4,959 |
| John Aberdein (Lab)                | .3,995 |
| John Goodlad (O&S Movements)*      | .3,095 |
| Grierson Collister (Green)         | .389   |
| Majority                           | .3,922 |
| Electorate: 31,047                 |        |
| (Shetland: 16,357; Orkney: 14,690) |        |
| *Orkney & Shetland Movements       |        |

#### APRIL 1992

|                                    |        |
|------------------------------------|--------|
| James Wallace (Lib Dem)            | .9,575 |
| Paul McCormick (Con)               | .4,542 |
| John Aberdein (Lab)                | .4,093 |
| Frances McKie (SNP)                | .2,301 |
| Christian Wharton (Natural Law)    | .115   |
| Majority                           | .5,033 |
| Electorate: 31,472                 |        |
| (Shetland: 16,235; Orkney: 15,237) |        |

### European Assembly Election results in the Highlands and Islands Constituency:

#### JUNE 1989

|                          |         |
|--------------------------|---------|
| Winifred Ewing (SNP)     | .66,297 |
| Albert McQuarrie (Con)   | .21,602 |
| Norman MacAskill (Lab)   | .17,848 |
| Michael Gregson (Green)  | .12,199 |
| Neil Mitchison (Lib Dem) | .10,644 |
| SNP Majority             | .44,695 |

#### JUNE 1994

|                                   |         |
|-----------------------------------|---------|
| Winifred Ewing (SNP)              | .74,872 |
| Michael MacMillan (Lab)           | .19,956 |
| Mark Tennant (Scot. Con/Unionist) | .15,767 |
| Hamish Morrison (Lib Dem)         | .12,919 |
| Eleanor Scott (Green)             | .3,140  |
| Martin Carr (UK Independence)     | .1,096  |
| Margaret Gilmour (Natural Law)    | .522    |
| SNP Majority                      | .54,916 |

Total Electorate: 317,125 (Shetland: 16,088)

Total Electorate: 331,120 (Shetland: 16,768)

#### MARCH 1979

##### Referendum: Do you want the provisions of the Scotland Act 1978 to be put into effect?

|                              |        |
|------------------------------|--------|
| No                           | .5,466 |
| Yes                          | .2,020 |
| Total Electorate (Shetland): | 14,882 |

##### MARCH 1978: In view of the proposals for devolution for Scotland, do you agree that the Shetland Islands Council should continue to press for Shetland's position to be considered through the establishment of a commission as proposed by Mr Grimond?

|                              |        |
|------------------------------|--------|
| Yes                          | .9,162 |
| No                           | .1,028 |
| Majority                     | .8,134 |
| Total Electorate (Shetland): | 14,244 |

#### JUNE 1975

##### Referendum: Do you think the UK should stay in the European Economic Community (the Common Market)?

|                              |        |
|------------------------------|--------|
| No                           | .3,631 |
| Yes                          | .2,815 |
| Majority                     | .816   |
| Total Electorate (Shetland): | 13,437 |





| Ward                                   | Councillor  |
|--|---|
| 17. Whiteness Weisdale & Tingwall      | <b>James C. Irvine</b> , 20 Twageos Road, Lerwick*<br>(Labour)<br>(Electorate 900. 232 votes; 54% poll; 48% of total votes cast)  |
| 18. Scalloway                          | <b>Iris J. Hawkins</b> , 48 Sycamore Avenue, Scalloway<br>(Electorate 850. 241 votes; 56% poll; 50% of total votes cast)          |
| 19. Whalsay & Skerries                 | <b>Loretta Hutchison</b> , Mill House, Hillhead, Symbister, Whalsay<br>(Electorate 841. Elected unopposed)                        |
| 20. Sandsting & Aithsting              | <b>Florence B. Grains</b> , Hoove, Whiteness<br>(Independent)<br>(Electorate 647. Returned unopposed)                             |
| 21. Walls & Sandness                   | <b>James R. Gear</b> , Magdala, Foula<br>(Independent)<br>(Electorate 534. 189 votes; 60% poll; 59% of total votes cast)          |
| 22. Gulberwick, Quarff & Cunningsburgh | <b>Robert I. Black</b> , Melview, Bressay<br>(Electorate 784. 354 votes; 74% poll; 61% of total votes cast)                       |
| 23. Burra & Trondra                    | <b>Charles A. Goodlad</b> , Cutts, Trondra<br>(Independent)<br>(Electorate 732. Elected unopposed)                                |
| 24. Sandwick                           | <b>James L. B. Smith</b> , Bakkabrent, Sandwick<br>(Shetland Movement)<br>(Electorate 587. Returned unopposed)                    |
| 25. Dunrossness North                  | <b>William Tait</b> , Bonavista, East Ireland, Bigton<br>(Electorate 574. 241 votes; 51% poll; 83% of total votes cast)           |
| 26. Dunrossness South                  | <b>Magnus L. Flaws</b> , Westvoe, Virkie<br>(Shetland Movement)<br>(Electorate 603. 258 votes; 52% poll; 82% of total votes cast) |
| <b>Total Electorate</b>                | <b>16,741</b>   |

Note: Following the resignation of Councillor Jonathan Wills, James C. Irvine was elected on 4th May, 1995.

Source: Administrative Services Division, SIC

## Departments

Chief Executive: Malcolm Green, Town Hall, Lerwick, ZE1 0HB

| Department                  | Director         | Address   |
|-----------------------------|------------------|---|
| Commercial Services         | Deborah Lamb     | Gremista, Lerwick, ZE1 0PX  |
| Design & Technical Services | Alastair Inkster | Hayfield House, Hayfield Lane, Lerwick, ZE1 0QD   |
| Development                 | Alvin Bashforth  | 93 St Olaf Street, Lerwick, ZE1 0ES<br>SSQC Section, North Atlantic Fisheries College, Scalloway, ZE1 0UN |
| Education                   | Jim Halcrow      | Schlumberger, Gremista Industrial Estate, Lerwick, ZE1 0PX  |
| Environmental Services      | Martin Hall      | Greenhead, Lerwick, ZE1 0PY   |

| Department           | Director          | Address  |
|----------------------|-------------------|--|
| Finance              | Andrew Matthews   | Breivick House, Lerwick, ZE1 0RB   |
| Housing              | Marjorie Bain     | Fort Road, Lerwick, ZE1 0LR  |
| Leisure & Recreation | John Nicolson     | Dales Voe, Lerwick, ZE1 0PY  |
| Marine Operations    | George Sutherland | Port Administration Buildings, Sella Ness, Graven, Mossbank, ZE2 9QR   |
| Planning             | James Anderson    | 5 Mounthooly Street, Lerwick, ZE1 0BJ<br>Dales Voe, Lerwick, ZE1 0PY<br>Building Control Office, Hayfield House, Hayfield Lane, Lerwick, ZE1 0QD |
| Roads & Transport    | Joe Gray          | Grantfield, Lerwick, ZE1 0NT   |
| Social Work          | Bill Bennett      | 92 St Olaf Street, Lerwick, ZE1 0ES<br>Toll Clock Shopping Centre, Lerwick, ZE1 0PE<br>North Division, Brae, ZE2 9QJ                             |

Telephone: General enquiries Lerwick (01595) 693535

## Shetland Islands Council Finance

### General Fund Expenditure 1994/95

### 1995/96

| Service Provided By Shetland Islands Council | Revenue Expend. £'000 | Capital Financing £'000 | Total Expend. £'000 | Revenue Expend. £'000 | Capital Financing £'000 | Total Expend. £'000 |
|--|-----------------------|-------------------------|---------------------|-----------------------|-------------------------|---------------------|
| Development                                  | 1,965                 | 1,158                   | 3,123               | 1,782                 | 210                     | 1,992               |
| Education                                    | 23,082                | 3,837                   | 26,919              | 21,547                | 1,656                   | 23,203              |
| Environmental Services                       | 3,042                 | 706                     | 3,748               | 4,758                 | 2,112                   | 6,870               |
| Housing                                      | 709                   | 1,617                   | 2,326               | 758                   | 679                     | 1,437               |
| Leisure and Recreation                       | 4,492                 | 706                     | 5,198               | 3,976                 | 162                     | 4,138               |
| Planning                                     | 895                   | 5                       | 900                 | 923                   | 0                       | 923                 |
| Policy and Resources                         | 8,158                 | 69                      | 8,227               | 5,563                 | 283                     | 5,846               |
| Roads and Transport                          | 11,400                | 4,500                   | 15,900              | 11,128                | 3,992                   | 15,120              |
| Social Work                                  | 6,217                 | 1,031                   | 7,248               | 6,200                 | 1,523                   | 7,723               |
| <b>Committee Expenditure</b>                 | <b>59,960</b>         | <b>13,629</b>           | <b>73,589</b>       | <b>56,635</b>         | <b>10,617</b>           | <b>67,252</b>       |

### Source of Finance:

|                           |          |          |
|---------------------------|----------|----------|
| Revenue Support Grant     | (40,080) | (41,615) |
| Non-Domestic Rates        | (4,912)  | (5,319)  |
| Council Tax               | (2,320)  | (2,437)  |
| Sullom Voe Rent           | (8,218)  | (7,577)  |
| Capital Fund              | (13,609) | (6,298)  |
| Repairs and Renewals Fund | (4,200)  | (4,006)  |
| DLO Reserve Fund          | (250)    | 0        |

**General Fund Balance** 0 0

(Continued)

## General Fund Expenditure 1994/95

1995/96

|                                    | Revenue<br>Expend.<br>£'000 | Capital<br>Financing<br>£'000 | Total<br>Expend.<br>£'000 | Revenue<br>Expend.<br>£'000 | Capital<br>Financing<br>£'000 | Total<br>Expend.<br>£'000 |
|------------------------------------|-----------------------------|-------------------------------|---------------------------|-----------------------------|-------------------------------|---------------------------|
| <b>HARBOUR ACCOUNT EXPENDITURE</b> |                             |                               |                           |                             |                               |                           |
| Harbour Operations                 | 14,467                      | 1,532                         | 15,999                    | 9,840                       | 2,866                         | 12,706                    |
| <b>Source of Finance:</b>          |                             |                               |                           |                             |                               |                           |
| Tanker Traffic                     |                             |                               | (12,342)                  |                             |                               | (8,803)                   |
| Mooring Charges                    |                             |                               | (599)                     |                             |                               | (366)                     |
| Boarding & Landing                 |                             |                               | (595)                     |                             |                               | (373)                     |
| Grants and Reimbursements          |                             |                               | (600)                     |                             |                               | (1,085)                   |
| Other Income                       |                             |                               | (1,863)                   |                             |                               | (2,079)                   |
| <b>Harbour Account Balance</b>     |                             |                               | <b>0</b>                  |                             |                               | <b>0</b>                  |

**HOUSING REVENUE ACCOUNT EXPENDITURE**

|                              |       |       |          |       |       |          |
|------------------------------|-------|-------|----------|-------|-------|----------|
| Housing Services             | 4,177 | 5,535 | 9,712    | 3,705 | 6,362 | 10,067   |
| <b>Source of Finance:</b>    |       |       |          |       |       |          |
| Housing Support Grant        |       |       | (3,801)  |       |       | (4,220)  |
| Other Grants & Reimbursement |       |       | (3)      |       |       | (2)      |
| Rents                        |       |       | (4,316)  |       |       | (4,376)  |
| Other Client Income          |       |       | (63)     |       |       | (32)     |
| Financing and Contributions  |       |       | (1,529)  |       |       | (1,437)  |
| <b>HRA Balance</b>           |       |       | <b>0</b> |       |       | <b>0</b> |

**SEWERAGE ACCOUNT EXPENDITURE**

|                                 |     |       |          |     |       |          |
|---------------------------------|-----|-------|----------|-----|-------|----------|
| Sewerage Services               | 533 | 1,912 | 2,445    | 573 | 1,014 | 1,587    |
| <b>Source of Finance:</b>       |     |       |          |     |       |          |
| Grants and Reimbursements       |     |       | (145)    |     |       | (83)     |
| Rates                           |     |       | (662)    |     |       | (674)    |
| Council Tax                     |     |       | (477)    |     |       | (490)    |
| Other Income                    |     |       | (9)      |     |       | (9)      |
| Balances                        |     |       | (1,152)  |     |       | (331)    |
| <b>Sewerage Account Balance</b> |     |       | <b>0</b> |     |       | <b>0</b> |

**WATER ACCOUNT EXPENDITURE**

|                              |       |     |          |       |     |          |
|------------------------------|-------|-----|----------|-------|-----|----------|
| Water Services               | 1,516 | 966 | 2,482    | 1,442 | 982 | 2,424    |
| <b>Source of Finance:</b>    |       |     |          |       |     |          |
| Grants and Reimbursements    |       |     | (172)    |       |     | (185)    |
| Rates                        |       |     | (497)    |       |     | (491)    |
| Council Tax                  |       |     | (732)    |       |     | (815)    |
| Metered Water                |       |     | (772)    |       |     | (706)    |
| Balances                     |       |     | (309)    |       |     | (227)    |
| <b>Water Account Balance</b> |       |     | <b>0</b> |       |     | <b>0</b> |

Source: Finance Department, SIC

## Rating and Valuation

|            | Non-Domestic                                       | Rate per £<br>Domestic | Water | Total<br>Non-Domestic R/V | Total Rateable<br>Value £ |
|------------|--|------------------------|-------|---------------------------|---------------------------|
| 1976-1977  | 140p   | 113p                   | 20p   |                           | 463,641                   |
| 1977-1978  | 161p   | 130p                   | 25p   |                           | 584,996                   |
| 1978-1979* | 45p  | 42p                    | 10p   |                           | 6,234,214                 |
| 1979-1980  | 50p  | 47p                    | 11p   | Not available             | 15,529,780                |
| 1980-1981  | 75p  | 72p                    | 14p   | prior to                  | 25,311,238                |
| 1981-1982  | 79p  | 76p                    | 10p   | 1985-86                   | 31,129,489                |
| 1982-1983  | 95p  | 92p                    | 10p   |                           | 32,476,067                |
| 1983-1984  | 111p   | 108p                   | 11.5p |                           | 25,990,632                |
| 1984-1985  | 123p   | 120p                   | 6p    |                           | 25,751,883                |
| 1985-1986* | 58p  | 50p                    | 3.5p  | 62,870,356                | 65,925,451                |
| 1986-1987  | 59p  | 52p                    | 3.5p  | 63,333,199                | 66,465,033                |
| 1987-1988  | 59p  | 52p                    | 3p    | 63,048,562                | 66,248,965                |
| 1988-1989  | 108p   | 101p                   | 7.5p  | 62,728,990                | 66,006,192                |
| 1989-1990  | Introduction of Community Charge – see table below |                        |       |                           |                           |

\* Revaluation: 1st April 1978 and 1985

|                           | 1994/95<br>Pence per £ | 1995/96<br>Pence per £ |
|---------------------------|------------------------|------------------------|
| <b>Non-Domestic Rates</b> |                        |                        |
| General                   | 42.3                   | 43.2                   |
| Water                     | 10.5                   | 9.2                    |
| Sewerage                  | 9.2                    | 7.6                    |
| <b>Total</b>              | <b>62.0</b>            | <b>60.0</b>            |

|                                     | (£)           | (£)           |
|-------------------------------------|---------------|---------------|
| <b>Council Tax (Band D Charges)</b> |               |               |
| General                             | 341.52        | 358.60        |
| Sewerage                            | 68.33         | 69.62         |
| Water                               | 116.34        | 118.36        |
| <b>Total</b>                        | <b>526.19</b> | <b>546.58</b> |

**Council Tax 1995/96**

| Band | Property Value       | General<br>Fund<br>Element<br>(£) | Water<br>Account<br>Element<br>(£) | Sewerage<br>Account<br>Element<br>(£) | Total<br>Council<br>Tax<br>(£) |
|------|----------------------|-----------------------------------|------------------------------------|---------------------------------------|--------------------------------|
| A    | Up to £27,000        | 239.07                            | 78.91                              | 46.41                                 | 364.39                         |
| B    | £27,001 to £35,000   | 278.91                            | 92.06                              | 54.15                                 | 425.12                         |
| C    | £35,001 to £45,000   | 318.76                            | 105.21                             | 61.88                                 | 485.85                         |
| D    | £45,001 to £58,000   | 358.60                            | 118.36                             | 69.62                                 | 546.58                         |
| E    | £58,001 to £80,000   | 438.29                            | 144.66                             | 85.09                                 | 668.04                         |
| F    | £80,001 to £106,000  | 517.98                            | 170.96                             | 100.56                                | 789.50                         |
| G    | £106,001 to £212,000 | 597.67                            | 197.27                             | 116.03                                | 910.97                         |
| H    | Over £212,001        | 717.20                            | 236.72                             | 139.24                                | 1093.16                        |

Source: Finance Department, SIC

## Community Council Clerks

|   |   |  |
|---|---|--|
| <b>Aitheting &amp; Sandsting</b>                  | Mrs Laurena Fraser,<br>West Burrafirth, Bridge of Walls             | (01595) 809203                             |
| <b>Bressay</b>                                    | Mrs Joyce Garden, Tjaldur,<br>Voehead, Bressay                      | (01595) 820202                             |
| <b>Delting</b>                                    | Mrs Wendy Wilson,<br>5 Clach-na-strom, Whiteness                    | (01595) 830411                             |
| <b>Burra &amp; Trondra</b>                        | Mrs Denise Black,<br>9 North Toogs, Bridge-End, Burra               | (01595) 859469                             |
| <b>Dunrossness</b>                                | Ian Jamieson, Linksvie, Ringesta, Quendale                          | (01950) 460477                             |
| <b>Fetlar</b>                                     | Ms Jane Mack, Fetlar Community Office, Fetlar                       | (01957) 733219<br>(Fax (01957) 733219)     |
| <b>Gulberwick, Quarff<br/>&amp; Cunningsburgh</b> | Robert Jarmson, Meal, Cunningsburgh                                 | (01950) 477259                             |
| <b>Lerwick</b>                                    | Mrs E. Nicolson, Community Council Office,<br>Stouts Court, Lerwick | (01595) 694286                             |
| <b>Nesting &amp; Lunnasting</b>                   | Mrs M. Stonehouse, Kirkabister, Vidlin                              | Home (01806) 544283<br>Bus. (01806) 522370 |
| <b>Northmavine</b>                                | Mr Robert Jamieson, Fitchens, Ollaberry                             | (01806) 544317                             |
| <b>Sandness &amp; Walls</b>                       | Mrs Laurena Fraser,<br>West Burrafirth, Bridge of Walls             | (01595) 809203                             |
| <b>Sandwick</b>                                   | Mrs Rosemary Inkster,<br>Wainui, Hoswick, Sandwick                  | (01950) 431284                             |
| <b>Scalloway</b>                                  | Mrs Jacqui Diamond, St Clair<br>Court, Scalloway                    | (01595) 880379                             |
| <b>Unst</b>                                       | Mrs Annette Smith, Brakefield,<br>Uyeasound                         | (01957) 755243                             |
| <b>Whalsay &amp; Skerries</b>                     | Mrs Hazel Simpson,<br>Old Haa, Symbister, Whalsay                   | (01806) 566224                             |
| <b>Whiteness, Weisdale<br/>and Tingwall</b>       | Mrs Thelma Jamieson, Varhjem, Upper Strand,<br>Gott                 | (01595) 840489                             |
| <b>Yell</b>                                       | D. R. A. Rushton, Stonganess, Cullivoe, Yell                        | (01957) 744234                             |

Source: Administrative Services, SIC

## Shetland Interest Publications

Literature about Shetland is varied and the following is representative of currently available material. It makes no claim to be an exhaustive list. Books, and further information on the latest publications, are available from: The Shetland Times Bookshop, 71/79 Commercial Street, Lerwick, Shetland, ZE1 0AB. Tel: (01595) 695531. Fax: (01595) 692897.

| <b>General Interest</b>         |   | £     |
|---------------------------------|---|-------|
| Baxter, C. & Crumley, J.        | Shetland Land of the Ocean  | 15.00 |
| Dey, J.                         | Out Skerries – an Island Community                                      | 14.50 |
| Dif, G.                         | Shetland – Terre De Vent  | 35.00 |
| Finnie, M.                      | Shetland, An Illustrated Architectural Guide                            | 6.00  |
| Gear, S.                        | Foula, Island West of the Sun   | 10.95 |
| Jamieson, D.                    | Memory Be Green (Fetlar)  | 3.90  |
| Linklater, E.                   | Orkney and Shetland   | 9.95  |
| Mitchell, W. R.                 | It's A Long Way to Muckle Flugga  | 4.50  |
| Nicolson, J. R.                 | Traditional Life in Shetland  | 7.95  |
| Powell, M.                      | Edge of the World, the Making of a Film (Foula)                         | 6.99  |
| Shepherd, Stella                | Like a Mantle the Sea   | 6.95  |
| Shetland Times                  | A Picture Guide to Shetland   | 4.95  |
| Wills, J. & Warner, K.          | Innocent Passage – The Wreck of the <i>Braer</i>                        | 14.99 |
| <b>Economy &amp; History</b>    |   | £     |
| Anderson, Peter D.              | Black Patie – Earl Patrick Stewart                                      | 22.00 |
| Ballantyne, John & Smith, Brian | Shetland Documents 1611-1850  | 19.99 |
| Close-Brooks, J.                | St. Ninian's Isle Treasure  | 1.00  |
| Cohen, A. P.                    | Whalsay: Symbol, Segment and Boundary in a<br>Shetland Island Community | 25.00 |
| Coull, J. R. (Ed)               | The County of Shetland (Third Statistical Account<br>of Scotland)       | 22.50 |
| Donaldson, G.                   | Court Book of Shetland 1615-1629  | 8.50  |
| Donaldson, G.                   | Isles of Home   | 15.00 |
| Durham, J. R.                   | Night and Day: Recollections of an Island Doctor                        | 4.80  |
| Flinn, D.                       | Travellers in a Bygone Shetland   | 9.95  |
| Fojut, N.                       | A Guide to Prehistoric and Viking Shetland                              | 12.00 |
| Graham, L. & Smith, B. (Ed)     | MacDairmid in Shetland  | 7.95  |
| Halcrow, A.                     | The Sail Fishermen of Shetland  | 11.95 |
| Howarth, D.                     | The Shetland Bus  | 4.99  |
| Hudson, Norman                  | Souvenir Postcards from Shetland – Shetland in<br>Picture Postcards     | 14.95 |
| Irvine, J. W.                   | The Years Between   | 4.80  |
| Irvine, J. W.                   | Through Storm to Calm 1939-1950   | 7.20  |
| Irvine, J. W.                   | Up-Helly-Aa, A Century of Festival                                      | 5.00  |
| Jacobsen, J.                    | Place Names of Shetland   | 7.99  |
| Johnson, L.                     | Wrestlers with the Troubled Sea   | 4.25  |
| Leith, George                   | A Lerwick Lifeboatman's Story   | 14.00 |
| Manson, Thomas                  | Lerwick During the Last Half Century (1867-1917)                        | 21.00 |
| Nicolson, J. R.                 | Hay and Co., Merchants in Shetland                                      | 7.95  |
| Nicolson, J. R.                 | Lerwick Harbour   | 7.50  |
| Nicolson, J. R.                 | Traditional Life in Shetland  | 7.95  |
| Peterson, J. P.                 | The History of Shetland Football 1887-1987                              | 11.95 |

|                          |  |       |
|--------------------------|--|-------|
| Ritchie, A.              | Orkney and Shetland: Exploring Scotland's Heritage           | 7.95  |
| Robson, A.               | Saga of a Ship (Earl of Zetland)                             | 12.00 |
| Shetland Sub Aqua Club   | Shetland Shipwrecks  | 2.00  |
| Somner, G.               | From 70 North to 70 South<br>(History of the Salvesen Fleet) | 3.00  |
| Spence, J. C.            | Inga's Story<br>(Growing up in Shetland a Century Ago)       | 3.60  |
| Tudor, J. R. (Facsimile) | The Orkneys and Shetland                                     | 28.00 |
| Turner, V.               | How to Be a Detective  | 7.50  |

### Natural Environment & Wildlife £

|                  |  |       |
|------------------|--|-------|
| Dymond, J.       | The Birds of Fair Isle                                 | 5.95  |
| Gosling, A. (Ed) | A Century of Shetlands 1890-1990                       | 12.00 |
| Guy, P.          | Walking the Coastline of Shetland, The Island of Yell  | 3.00  |
| Guy, P.          | Walking the Coastline of Shetland, No. 2 (Unst)        | 4.00  |
| Guy, P.          | Walking the Coastline of Shetland, No. 3 (Fetlar)      | 3.00  |
| Guy, P.          | Walking the Coastline of Shetland, No. 4 (Northmavine) | 4.00  |
| Guy, P.          | Walking the Coastline of Shetland, No. 5 (Westside)    | 6.95  |
| Harrop, H.       | Where to Watch Birds                                   | 4.00  |
| Hodgson, A.      | Shetland Ponies  | 16.95 |
| Malcolm, D.      | Shetland's Wild Flowers                                | 6.95  |
| Tulloch, B.      | Bobby Tulloch's Shetland                               | 10.99 |
| Tulloch, B.      | Migrations - Travels of a Naturalist                   | 5.00  |
| Tulloch, B.      | A Guide to Shetland's Breeding Birds                   | 9.95  |

### Folklore, Language and Music £

|                               |  |       |
|-------------------------------|--|-------|
| Anderson, T.                  | Ringing Strings                            | 6.00  |
| Anderson, T.                  | Gies an A'                                 | 6.00  |
| Clark, Alistair               | Aly Bain - Fiddler on the Loose            | 14.99 |
| Cluness, A. T.                | Told Round the Peat Fire                   | 9.85  |
| Cook, P.                      | The Fiddle Tradition of the Shetland Isles | 37.50 |
| Deyell, B.                    | Shetland Proverbs and Sayings              | 5.00  |
| Graham, J. J.                 | Shadowed Valley                            | 9.95  |
| Graham, J. J. & Tait, J.      | The Shetland Folk Book, Volume 8           | 5.00  |
| Graham, John J.               | Shetland Dictionary                        | 9.95  |
| Jamieson, F. & R.             | Leveneep Head                              | 6.00  |
| Jamieson, F. & R.             | Vidlin Voe                                 | 7.50  |
| Ritch, P. J.                  | Mother Wave - Collection of Verse          | 6.95  |
| Robertson, T. A. & Graham, J. | Grammar and Usage of the Shetland Dialect  | 6.95  |

### Knitting £

|                             |   |       |
|-----------------------------|---|-------|
| Allen, John                 | Fabulous Fair Isle                                  | 16.00 |
| Amedro, Gladys              | Shetland Lace                                       | 15.95 |
| Dawson, P.                  | Traditional Island Knitting                         | 8.95  |
| Fryer, L. G.                | Knitting by the Fireside and on the Hillside        | 20.00 |
| McGregor, S.                | The Complete Book of Traditional Fair Isle Knitting | 4.99  |
| National Trust for Scotland | Traditional Fair Isle Knitting Patterns             | 1.50  |
| Simmons, J.                 | A Shetland Dye Book                                 | 4.50  |
| Smith, M. & Bunyan, C.      | A Shetland Knitter's Notebook                       | 6.95  |
| Smith, M. & Twatt, M.       | Shetland Pattern Book                               | 4.95  |

### Books For Children £

|              |                                       |      |
|--------------|---------------------------------------|------|
| Fidler, K.   | Haki the Shetland Pony                | 2.99 |
| Leask, W.    | Bess, Tales of a Middle Aged Sheepdog | 1.80 |
| Whittall, M. | My Travels in Shetland                | 4.99 |
| Wills, J.    | Magnus Pole                           | 2.50 |

### Local Information £

|                            |                                       |      |
|----------------------------|---------------------------------------|------|
| Jamieson, H.               | Harry's Shetland Fishing Almanac 1995 | 3.30 |
| SIC (Leisure & Recreation) | Shetland Community Directory          | 2.50 |
| Shetland Islands Tourism   | The Shetland Guide Book               | 3.50 |
| Shetland Islands Tourism   | Where To Stay In Shetland             | 0.50 |
| Shetland Islands Tourism   | Inter-Shetland Transport Timetable    | 0.50 |

### Maps £

|   |      |
|---|------|
| Bartholomew Shetland Leisure Map 1:100,000                      | 2.95 |
| Tourist Map Shetland and Orkney                                 | 3.25 |
| Lerwick Street Plan, Lerwick Community Council                  | 1.50 |
| Hjaltiland Map by Roy Gronneberg                                | 4.99 |
| Also Ordnance Survey Maps 1:25,000 (£3.95) and 1:50,000 (£4.50) |      |

### Shetland Economic Review 1993

This report is available from the Development Department, Shetland Islands Council, 93 St Olaf Street, Lerwick, Shetland, ZE1 0ES, at a cost of £3.00 (£3.75 including postage and packing).

# Conversion Factors

To convert to metric, multiply by the factor shown. To convert from metric, divide by the factor.

## Length

|                      |        |
|----------------------|--------|
| miles : kilometres   | 1.6093 |
| yards : metres       | 0.9144 |
| feet : metres        | 0.3048 |
| inches : millimetres | 25.4   |
| inches : centimetres | 2.54   |

## Area

|                                    |         |
|------------------------------------|---------|
| square miles : square kilometres   | 2.59    |
| square miles : hectares            | 258.999 |
| acres : square metres              | 4046.86 |
| acres : hectares                   | 0.4047  |
| square yards : square metres       | 0.8361  |
| square feet : square centimetres   | 929.03  |
| square inches : square millimetres | 645.16  |
| square inches : centimetres        | 6.4516  |

## Volume

|                                  |         |
|----------------------------------|---------|
| cubic yards : cubic metres       | 0.7646  |
| cubic feet : cubic metres        | 0.0283  |
| cubic feet : cubic decimetres    | 28.3168 |
| cubic inches : cubic centimetres | 16.3871 |

## Capacity

|                            |        |
|----------------------------|--------|
| gallons : cubic decimetres | 4.5461 |
| gallons : litres           | 4.546  |
| quarts : litres            | 1.137  |
| pints : litres             | 0.568  |

## Velocity

|  |        |
|--|--------|
| miles per hour : kilometres per hour       | 1.6093 |
| feet per second : metres per second        | 0.3048 |
| inches per second : millimetres per second | 25.4   |

## Mass

|                            |         |
|----------------------------|---------|
| tons : kilograms           | 1016.05 |
| tons : tonnes              | 1.0160  |
| hundredweights : kilograms | 50.8023 |
| stones : kilograms         | 6.3503  |
| pounds : kilograms         | 0.4536  |
| ounces : grams             | 28.3495 |

## Temperature

F = Degrees Fahrenheit      C = Degrees Centigrade  
 Centigrade : Fahrenheit       $F = \frac{9C}{5} + 32$

Fahrenheit : Centigrade       $C = \frac{5(F-32)}{9}$