

A photograph of a wind turbine against a blue sky with light clouds. The turbine is the central focus, with its three blades extending upwards and outwards. The sky is a deep blue, and there are some wispy white clouds on the right side. The overall tone is bright and clear.

Shetland in Statistics

2001

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Shetland in Statistics



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Aerogenerators, Burra Dale

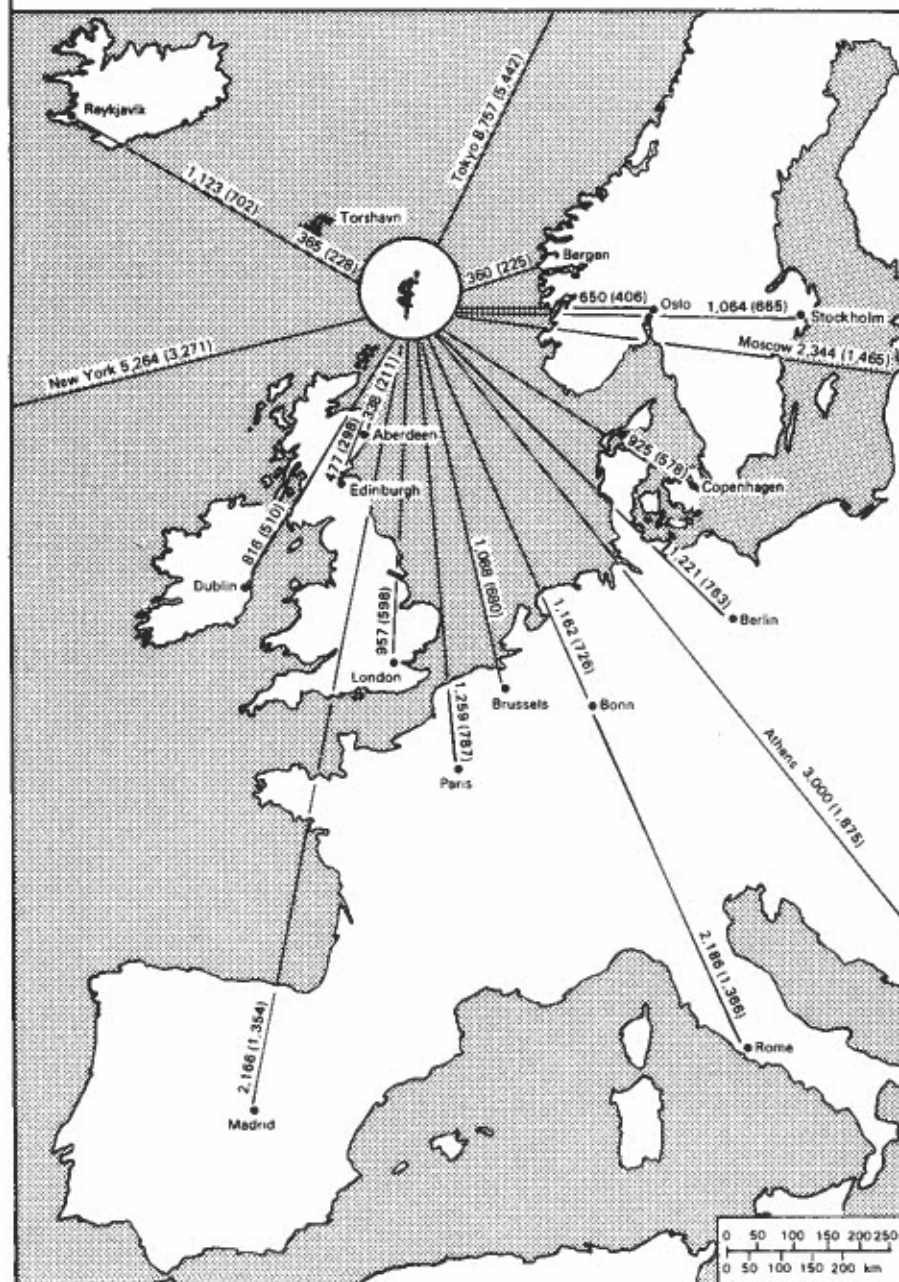
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Shetland: Location

Lerwick is Lat 60°09' N
Lon 01°09' W

Approximate distances from Shetland
in kilometres (statute miles)



Shetland: Physical Characteristics

Distance by road in kilometres (miles) from Lerwick:

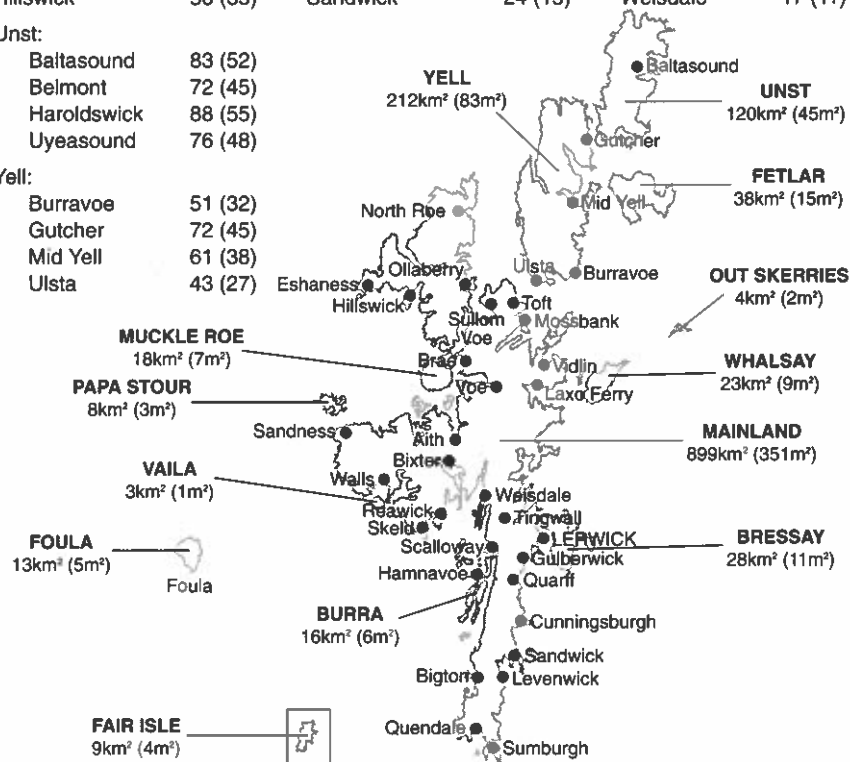
| | | | | | |
|-----------------|---------|------------|---------|------------|---------|
| Aith | 34 (21) | Laxo Ferry | 35 (22) | Scalloway | 13 (8) |
| Bigton | 30 (19) | Levenwick | 28 (18) | Skeld | 40 (25) |
| Bixter | 27 (17) | Mossbank | 43 (27) | Sullom Voe | 46 (29) |
| Brae | 35 (22) | North 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) |
| Girlsta | 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) |
| Ulsta | 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

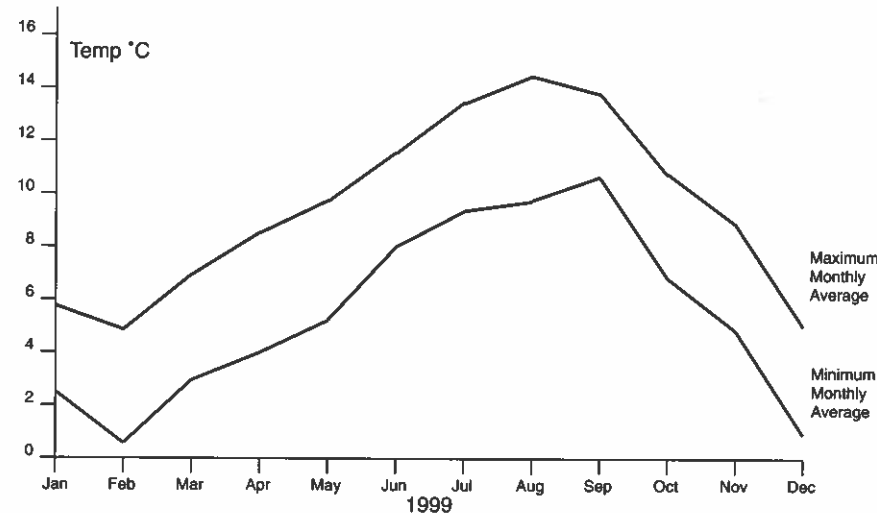
Weather

Observations are recorded in Shetland by staff employed by the Meteorological Office in Lerwick and Sella Ness. 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. (Lerwick Observatory: 60°08'N, 01°11'W. Wind vane 93m above sea level). The recorded meteorological observations from Lerwick Observatory for 1999 are as follows:

Temperature (°C)

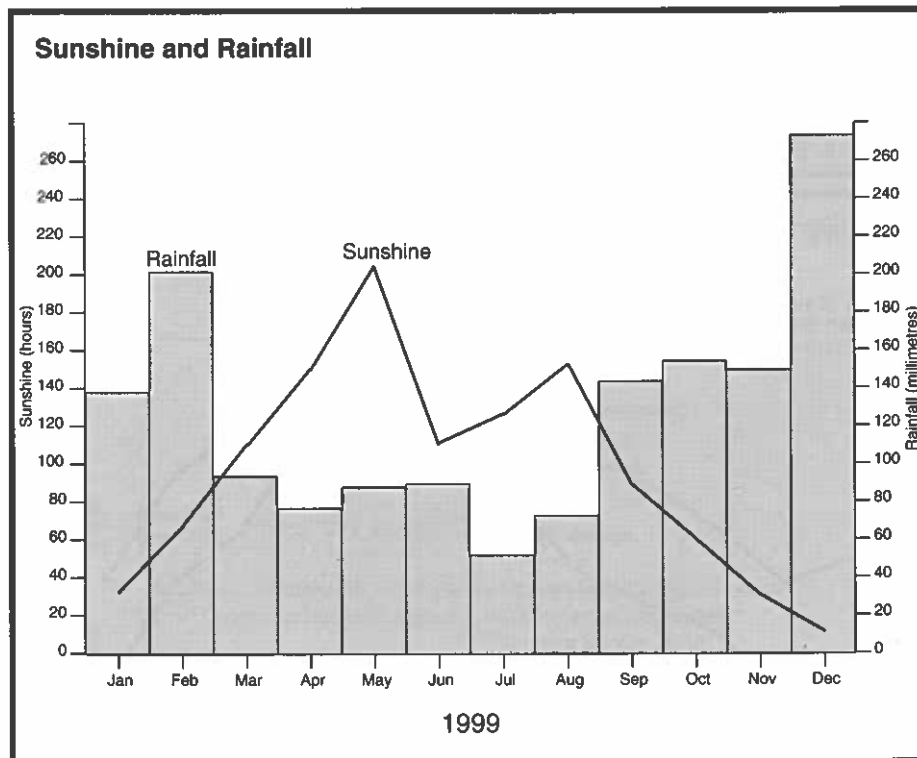
| Month | 1999 | | Mean (1961-1990) | | Extreme Daily Values (1922-1998) | |
|-------|-----------------|------|------------------|-----|----------------------------------|------------------------|
| | Monthly Average | | Max | Min | Max (Year) | Min (Year) |
| Jan | 5.7 | 2.4 | 5.3 | 1.2 | 11.7 ('32,'50,'98) | -8.9 ('52,'59) |
| Feb | 4.7 | 0.5 | 5.1 | 1.1 | 11.7 ('45) | -7.3 ('80) |
| Mar | 6.9 | 2.9 | 6.0 | 1.6 | 13.3 ('61) | -8.3 ('47) |
| Apr | 8.6 | 4.0 | 7.7 | 2.7 | 16.1 ('42) | -5.7 ('68) |
| May | 9.9 | 5.3 | 10.0 | 5.2 | 20.7 ('92) | -2.8 ('23) |
| Jun | 11.7 | 8.0 | 12.5 | 7.5 | 23.3 ('58) | -0.6 ('24,'29,'31,'51) |
| Jul | 13.6 | 9.4 | 13.7 | 9.1 | 23.4 ('91) | 3.3 ('21) |
| Aug | 14.4 | 9.7 | 14.1 | 9.5 | 21.5 ('82) | 1.7 ('21) |
| Sep | 13.8 | 10.6 | 12.3 | 8.0 | 19.4 ('53) | -0.6 ('54) |
| Oct | 10.7 | 6.9 | 10.2 | 6.3 | 17.2 ('55) | -3.3 ('48) |
| Nov | 8.9 | 4.8 | 7.2 | 3.1 | 13.9 ('46) | -5.7 ('62) |
| Dec | 5.2 | 0.9 | 6.0 | 1.8 | 12.2 ('48) | -8.3 ('61) |
| Year | 9.5 | 5.5 | 9.2 | 4.8 | | |

Temperature



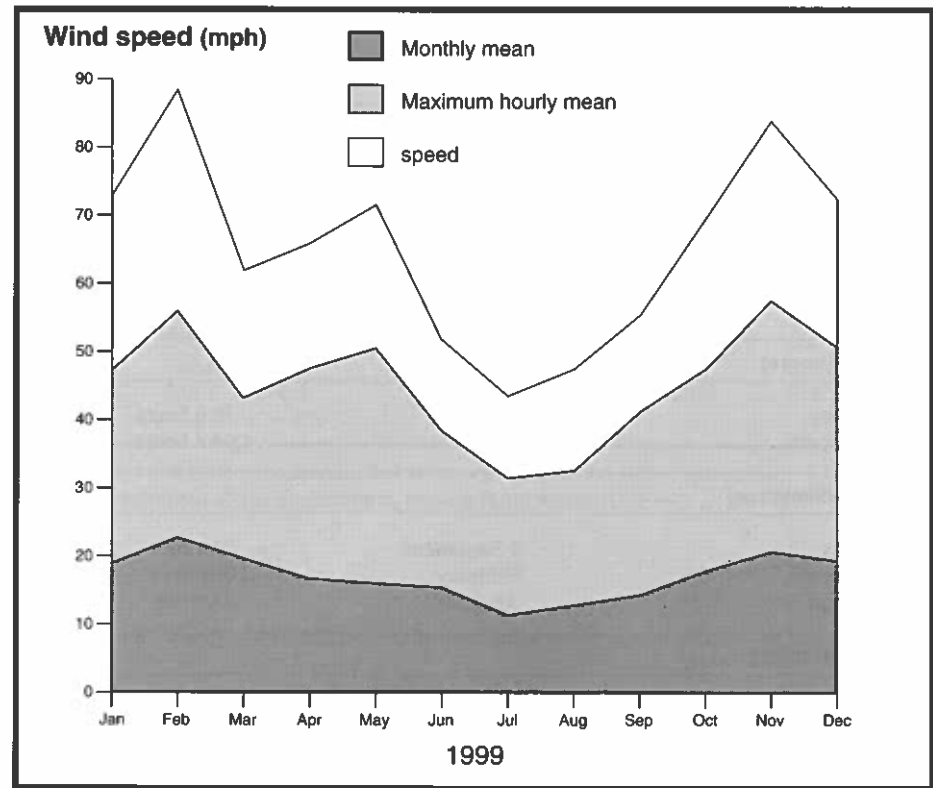
Sunshine and Rainfall (Monthly Totals)

| | Sunshine (hours) | | | Rainfall (millimetres) | | |
|-------------|------------------|----------------|--------------------|------------------------|--------------|--------------|
| | 1999 | Mean | Extreme | 1999 | Mean | Extreme |
| | | (1961-1990) | daily values | | (1961-1990) | daily values |
| | 1999 | (1961-1990) | (1922-1999) | 1999 | (1961-1990) | (1922-1999) |
| Jan | 34.1 | 22.0 | 6.5 ('39) | 139 | 133 | 43 ('37) |
| Feb | 66.5 | 52.5 | 9.8 ('40) | 203 | 93 | 47 ('51) |
| Mar | 111.4 | 85.3 | 11.6 ('64) | 94 | 115 | 47 ('52) |
| Apr | 148.4 | 132.4 | 14.8 ('26) | 77 | 73 | 37 ('40) |
| May | 206.1 | 147.1 | 16.2 ('40,'57,'80) | 87 | 62 | 50 ('66) |
| Jun | 110.9 | 150.9 | 17.4 ('34) | 89 | 62 | 37 ('81) |
| Jul | 124.7 | 123.3 | 16.6 ('35) | 53 | 64 | 94 ('35) |
| Aug | 154.7 | 124.0 | 15.1 ('38) | 74 | 77 | 47 ('45,'94) |
| Sep | 89.2 | 94.4 | 13.0 ('24) | 144 | 118 | 51 ('54) |
| Oct | 59.8 | 60.5 | 10.1 ('37) | 156 | 136 | 61 ('81) |
| Nov | 31.8 | 31.2 | 6.8 ('61,'67) | 151 | 143 | 71 ('49) |
| Dec | 12.6 | 13.4 | 5.1 ('57) | 274 | 144 | 68 ('95) |
| Year | 1,150.2 | 1,037.0 | | 1,541 | 1,220 | |



Wind Speed (mph)

| | Monthly mean 1999 | Maximum hourly mean speed | | Highest gust | |
|-----|-------------------|---------------------------|-------------------|--------------|-------------------|
| | | 1999 | Speed (1922-1999) | Year | Speed (1922-1999) |
| Jan | 19.3 | 47.2 | 73.7 ('53,'61) | 73.7 | 109.4 ('60,'92) |
| Feb | 23.6 | 56.4 | 64.5 ('57,'81) | 88.6 | 95.6 ('43,'57) |
| Mar | 19.9 | 43.7 | 61.0 ('67) | 62.2 | 88.7 ('67) |
| Apr | 16.9 | 47.2 | 63.3 ('57) | 65.6 | 89.8 ('57) |
| May | 16.3 | 50.6 | 50.7 ('82) | 71.4 | 74.9 ('82) |
| Jun | 15.7 | 38.0 | 48.4 ('55) | 51.8 | 70.2 ('55) |
| Jul | 12.0 | 32.2 | 46.1 ('40) | 43.7 | 70.2 ('64) |
| Aug | 13.1 | 33.4 | 56.4 ('23) | 47.2 | 79.4 ('23) |
| Sep | 14.5 | 41.4 | 67.9 ('78) | 55.2 | 100.2 ('63) |
| Oct | 17.8 | 47.2 | 66.8 ('65) | 69.1 | 103.6 ('80) |
| Nov | 20.9 | 57.6 | 58.7 ('38,'73) | 84.0 | 92.1 ('36,'38) |
| Dec | 19.6 | 50.6 | 66.8 ('49) | 72.5 | 103.6 ('56) |



Climatic Conditions 1999 (days)

| | Rain | Hail or Ice Pellets | Snow or Sleet | Air Frost | Thunder | Gales | Fog |
|--------------|------------|---------------------|---------------|-----------|----------|-----------|-----------|
| Jan | 27 | 11 | 8 | 5 | 0 | 11 | 0 |
| Feb | 26 | 17 | 21 | 12 | 1 | 11 | 0 |
| Mar | 27 | 6 | 8 | 1 | 0 | 7 | 2 |
| Apr | 24 | 7 | 9 | 5 | 0 | 5 | 3 |
| May | 14 | 3 | 0 | 0 | 0 | 2 | 1 |
| Jun | 19 | 1 | 0 | 0 | 0 | 1 | 2 |
| Jul | 16 | 0 | 0 | 0 | 0 | 0 | 4 |
| Aug | 12 | 0 | 0 | 0 | 0 | 0 | 1 |
| Sep | 20 | 0 | 0 | 0 | 0 | 2 | 3 |
| Oct | 28 | 2 | 0 | 0 | 0 | 4 | 0 |
| Nov | 26 | 9 | 6 | 2 | 0 | 7 | 0 |
| Dec | 30 | 21 | 18 | 8 | 0 | 8 | 0 |
| Total | 269 | 77 | 70 | 33 | 1 | 58 | 16 |

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

Hail or Ice Pellets: solid precipitation, of which the outer parts are clear ice observed at any time of day.

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

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

Thunder: thunder heard at any time of day.

Gales: mean wind speed greater than or equal to 39.2 mph (34 knots) for at least 10 minutes.

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

Source: The Met Office, Glasgow

Extreme Values 1999

Temperature (°C)

| | | |
|---------|-------------|--------|
| Maximum | 4 August | 21.1°C |
| Minimum | 16 February | -4.0°C |

Sunshine (hours)

| | | |
|----------------|--------|-------------|
| Sunniest Day | 19 May | 16.0 hours |
| Sunniest Month | May | 206.1 hours |

Rainfall (millimetres)

| | | |
|---------------|-------------|----------|
| Wettest Day | 6 September | 29.7 mm |
| Wettest Month | February | 205.0 mm |
| Driest Month | July | 53.0 mm |

Wind Speed (mph)

| | | |
|----------------|------------|----------|
| Highest Gust | 4 February | 88.6 mph |
| Windiest Month | February | 23.6 mph |

Source: The Met Office, Lerwick

Ozone

Lerwick is one of only two stations in the UK where measurements of ozone are made, the other being Camborne in Cornwall. These stations are part of the Met Office's UK Upper Air Observing Network. Ground based Dobson Spectrophotometers are used daily to measure total ozone, the largest part of which exists in the stratospheric ozone layer (at a height of 8-30 km). At Lerwick ozone concentration profiles are also measured using balloon borne ozonesondes.

Total ozone levels are at their peak in the late winter and early spring. However, it is also at this time when man-made substances can lead to enhanced ozone depletion in the stratosphere. It is difficult to quantify these losses precisely since levels vary naturally by large amounts.

Stratospheric ozone acts as a shield by absorbing potentially harmful ultraviolet (UV) radiation which would otherwise reach the earth's surface. (It should not be confused with tropospheric ozone. Part of this is a pollutant formed in the lower atmosphere (troposphere) by the action of sunlight on other compounds such as those from car exhausts.)

High quality measurements over the last 20 years suggest a long term rate of decrease in total ozone over the UK of between 5-6% per decade. This is consistent with findings for other stations at similar latitudes in the northern hemisphere.

Ozone Values (Dobson Units)

| | Monthly Mean | | Monthly Mean (1981-1998) | Lowest Daily Value | | Highest Daily Value | |
|------|--------------|-------|-----------------------------|--------------------|------|---------------------|------|
| | 1998 | 1999 | | 1998 | 1999 | 1998 | 1999 |
| Jan | 297.6 | 337.5 | 330.4 | 235 | 290 | 385 | 377 |
| Feb | 348.3 | 358.5 | 358.5 | 292 | 271 | 487 | 465 |
| Mar | 375.4 | n/a | 383.3 | 265 | n/a | 486 | n/a |
| Apr | 435.0 | 401.6 | 387.9 | 364 | 311 | 478 | 477 |
| May | 385.2 | 376.0 | 376.1 | 322 | 309 | 468 | 455 |
| Jun | 374.1 | 364.0 | 358.5 | 334 | 323 | 410 | 414 |
| Jul | 359.2 | 338.9 | 341.2 | 311 | 285 | 392 | 371 |
| Aug | 336.2 | 322.4 | 322.1 | 299 | 286 | 368 | 351 |
| Sep | 292.6 | 286.3 | 299.4 | 238 | 253 | 358 | 328 |
| Oct | 280.6 | 276.3 | 286.8 | 217 | 242 | 372 | 315 |
| Nov | 278.1 | 266.1 | 279.3 | 205 | 224 | 316 | 322 |
| Dec* | — | — | — | — | — | — | — |

* December values are not available due to low elevation of the sun in mid-winter.

Source: Department of the Environment, Food & Rural Affairs (DEFRA).

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.

Population Breakdown by Age and Sex

| Age group | 1971 | | | 1981 | | | 1991 | | | 1999 | | |
|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | M | F | Total | M | F | Total | M | F | Total | M | F | Total |
| 0-4 | 710 | 680 | 1,390 | 888 | 890 | 1,778 | 830 | 797 | 1,627 | 729 | 702 | 1,431 |
| 5-9 | 715 | 680 | 1,395 | 901 | 881 | 1,782 | 815 | 743 | 1,558 | 893 | 849 | 1,742 |
| 10-14 | 620 | 595 | 1,215 | 959 | 913 | 1,872 | 903 | 837 | 1,740 | 861 | 790 | 1,651 |
| 15-19 | 585 | 550 | 1,135 | 907 | 846 | 1,753 | 831 | 790 | 1,621 | 762 | 694 | 1,456 |
| 20-24 | 610 | 515 | 1,125 | 886 | 791 | 1,677 | 838 | 757 | 1,595 | 682 | 555 | 1,237 |
| 25-29 | 565 | 530 | 1,095 | 1,006 | 852 | 1,858 | 883 | 785 | 1,668 | 752 | 728 | 1,480 |
| 30-34 | 505 | 470 | 975 | 1,052 | 874 | 1,926 | 857 | 792 | 1,649 | 926 | 851 | 1,777 |
| 35-39 | 485 | 465 | 950 | 857 | 782 | 1,639 | 917 | 795 | 1,712 | 975 | 900 | 1,875 |
| 40-44 | 475 | 445 | 920 | 706 | 577 | 1,283 | 933 | 787 | 1,720 | 853 | 799 | 1,652 |
| 45-49 | 565 | 515 | 1,080 | 571 | 518 | 1,089 | 767 | 713 | 1,480 | 868 | 736 | 1,604 |
| 50-54 | 405 | 495 | 900 | 503 | 520 | 1,023 | 614 | 556 | 1,170 | 830 | 745 | 1,575 |
| 55-59 | 530 | 555 | 1,085 | 542 | 516 | 1,058 | 500 | 491 | 991 | 673 | 628 | 1,301 |
| 60-64 | 490 | 610 | 1,100 | 385 | 488 | 873 | 439 | 454 | 893 | 495 | 489 | 984 |
| 65-69 | 440 | 580 | 1,020 | 443 | 510 | 953 | 415 | 474 | 889 | 419 | 408 | 827 |
| 70-74 | 345 | 450 | 795 | 371 | 512 | 883 | 295 | 439 | 734 | 332 | 422 | 754 |
| 75-79 | 205 | 355 | 560 | 239 | 411 | 650 | 261 | 396 | 657 | 246 | 418 | 664 |
| 80-84 | 120 | 245 | 365 | 157 | 259 | 416 | 165 | 314 | 479 | 116 | 263 | 379 |
| 85 + | 60 | 160 | 220 | 64 | 191 | 255 | | | | | | |
| 85-89 | | | | | | | 72 | 182 | 254 | 60 | 175 | 235 |
| 90 + | | | | | | | 24 | 61 | 85 | 15 | 101 | 116 |
| Total | 8,430 | 8,895 | 17,325 | 11,437 | 11,331 | 22,766 | 11,359 | 11,163 | 22,522 | 11,487 | 11,253 | 22,740 |

Sources: 1971, 1981, 1991 figures from Census
1999 mid-year estimate from General Register Office, Scotland

Population of Shetland by Area based on Census

| | 1931 | 1951 | 1961 | 1971 | 1981 | 1991 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Unst | 1,341 | 1,112 | 1,151 | 1,127 | 1,140 | 1,067 |
| Yell | 1,883 | 1,483 | 1,152 | 1,143 | 1,191 | 1,083 |
| Fetlar | 217 | 161 | 127 | 88 | 102 | 87 |
| Mavis Grind – North | 1,343 | 1,054 | 816 | 696 | 898 | 875 |
| Delting | 958 | 863 | 701 | 674 | 2,719 | 2,491 |
| Nesting | 822 | 563 | 434 | 380 | | |
| Whalsay | 900 | 859 | 764 | 871 | 1,025 | 1,043 |
| Skerries | 110 | 127 | 108 | 100 | 88 * | 87 |
| Tresta – Bridge of Walls | 1,562 | 1,225 | 957 | 873 | 859 | 899 |
| West of Bridge of Walls | 884 | 687 | 561 | 483 | 715 | 599 |
| Foula | 118 | 75 | 54 | 33 | 45 * | 42 |
| Papa Stour | 100 | 68 | 55 | 24 | 35 * | 35 * |
| Whiteness/Weisdale/Tingwall | | | | | 1,075 | 1,183 |
| Scalloway | 1,140 | 1,604 | 1,603 | 1,671 | 1,160 | 1,053 |
| Trondra | 91 | 54 | 20 | 17 | 88 * | 117 |
| Burra | 767 | 648 | 653 | 565 | 850 * | 889 |
| Sandwick/Cunningsburgh | 1,507 | 1,376 | 1,172 | 1,120 | 1,303 * | 1,352 |
| Bigton Junction – South | 1,089 | 1,021 | 858 | 848 | 1,347 | 1,519 |
| Fair Isle | 108 | 73 | 64 | 65 | 69 * | 68 |
| Lerwick | 4,221 | 5,538 | 5,908 | 6,127 | 7,143 | 7,280 |
| Bressay | 452 | 335 | 269 | 251 | 335 | 353 |
| Quarff/Gulberwick | 1,518 | 426 | 385 | 171 | 579 * | 400 |
| Total | 21,131 | 19,352 | 17,812 | 17,327 | 22,766 | 22,522 |

* 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.

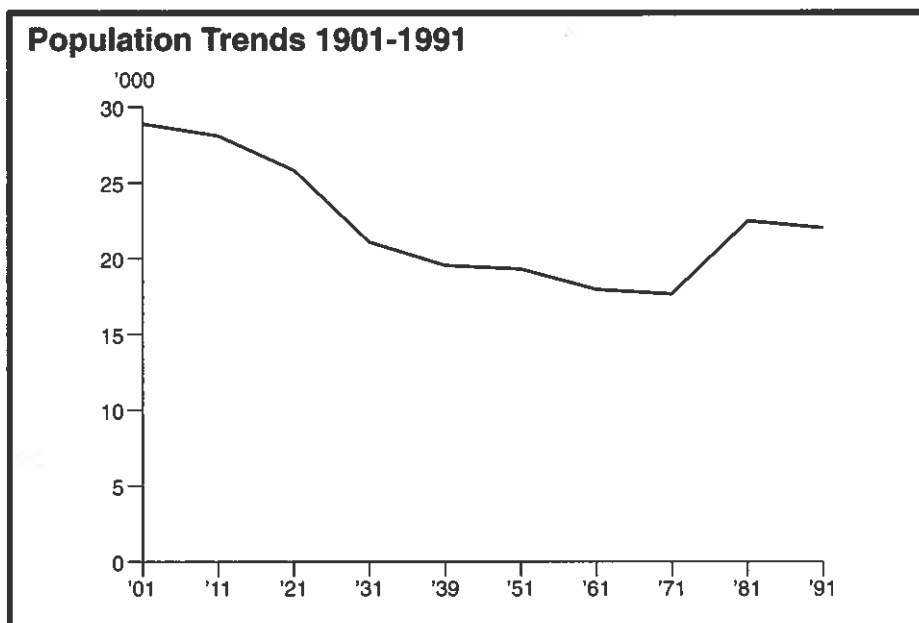
1991 Census – Resident Population including absent households.

The 1991 figure is the more accurate representation of the normally resident population. However, for comparative purposes with 1981, the 1991 figure on the same basis, 21,905, represents a drop of nearly 900 (4%) for the decade.

Population by Doctor Registration Areas (June)

| | 1991 | 1996 | 1998 | 1999 | 2000 |
|--------------|---------------|---------------|---------------|---------------|---------------|
| Unst | 900 | 862 | 848 | 794 | 716 |
| Yell | 1,158 | 1,133 | 1,096 | 1,058 | 1,034 |
| Whalsay | 1,136 | 1,110 | 1,091 | 1,091 | 1,093 |
| Northmavine | 700 | 676 | 702 | 697 | 699 |
| Brae | 2,775 | 2,733 | 2,630 | 2,508 | 2,444 |
| Walls | 665 | 695 | 699 | 671 | 685 |
| Bixter | 1,047 | 1,085 | 1,095 | 1,062 | 1,035 |
| Levenwick | 2,429 | 2,386 | 2,316 | 2,294 | 2,234 |
| Scalloway | 2,677 | 2,670 | 2,621 | 2,638 | 2,580 |
| Lerwick | 9,373 | 9,617 | 9,514 | 9,562 | 9,622 |
| Total | 22,860 | 22,967 | 22,612 | 22,375 | 22,142 |

Source: Shetland Health Board



Source: General Register Office, Scotland

Economy and Industry

Economic Performance

An economic survey conducted by Fraser of Allander Institute in 1998 calculated the overall value of the Shetland economy to be £761,261,000. The table below illustrates the contribution made by some sectors in recent years. Of greatest significance was the continued increase in fisheries output in 1999. This was caused by an increase in salmon production and fish processing which more than offset a fall in fish catching.

Value of Key Sectors of the Shetland Economy (£ m)

| | 1996 | 1998 | 1999 |
|---------------------------|--------------|--------------|--------------|
| Oil Production Operations | 50.4 | 57.8 | 53.7 |
| Combined Fisheries Output | 97.8 | 130.7 | 139.0 |
| Agriculture | 14.3 | 12.0 | 11.8 |
| Knitwear | 4.0 | 5.4 | 4.9 |
| Tourism | 11.3 | 12.8 | 14.4 |
| Shetland Islands Council | 111.1 | 103.5 | 112.7 |
| Total | 288.9 | 322.2 | 336.5 |

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 traditional 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.

Traditional Industry Output Values (£ m)

| | 1982/83 | 1985/86 | 1990/91 | 1992 | 1996 | 1998 | 1999 |
|-----------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| Fish Catching | 11.2 | 17.0 | 16.7 | 20.0 | 97.8* | 130.7* | 139.0* |
| Fish Processing | 12.7 | 15.0 | 21.0 | 25.0 | | | |
| Salmon Farming | 0.0 | 3.3 | 23.3 | 33.0 | | | |
| Agriculture | 5.8 | 7.8 | 10.0 | 11.0 | 14.3 | 12.0 | 11.8 |
| Knitwear | 4.2 | 6.4 | 3.5 | 4.0 | 4.0 | 5.4 | 4.9 |
| Tourism | 3.5 | 5.9 | 10.0 | 10.0 | 11.3 | 12.8 | 14.4 |
| Total | 37.4 | 55.4 | 84.5 | 103.0 | 127.4 | 160.9 | 170.1 |

* These figures are the combined output total for fisheries, calculated by subtracting the value of the parts of fish catching and salmon farming output which is processed in Shetland, thereby removing duplicated output.

Source: Development Department, SIC estimates

Employment

Economic Activity in Shetland

| | 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 | 8,633 | 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

| June | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 | 2000 |
|---------------------|------|------|------|------|------|------|------|------|------|
| Shetland % | 3.8 | 3.5 | 5.3 | 6.3 | 3.6 | 3.8 | 3.6 | 2.6 | 2.9 |
| Actual Figures Jan: | 360 | n/a | 402 | 805 | 354 | 438 | 436 | 340 | 390 |
| July: | 170 | n/a | 457 | 771 | 314 | 466 | 373 | 372 | 401 |
| Orkney % | 3.9 | 3.4 | 9.0 | 11.7 | 5.5 | 4.3 | 3.4 | 2.7 | 2.2 |
| Western Isles % | 18.0 | 14.5 | 20.1 | 19.1 | 14.5 | 10.6 | 8.3 | 8.1 | 6.9 |
| Aberdeen % | | | | | | 3.7 | 2.0 | 2.5 | 2.2 |
| Aberdeenshire % | 3.7* | 3.3* | 7.6* | 8.8* | 4.0* | 4.2 | 2.1 | 3.0 | 3.2 |
| Scotland % | 5.5 | 6.7 | 13.5 | 14.0 | 9.0 | 7.7 | 5.6 | 5.5 | 4.8 |

* Prior to 1996 these figures refer to Grampian Region.

Source: Employment Service, Aberdeen

School Leavers' Main Destinations 1999/2000

| School | Full-time Higher Education | Full-time Further Education | Training | Employment | Other* | Total Leavers |
|------------------------|----------------------------|-----------------------------|----------|------------|-----------|---------------|
| Aith Junior High | 0 | 2 | 0 | 7 | 1 | 10 |
| Anderson High | 76 | 21 | 1 | 80 | 16 | 194 |
| Baltasound Junior High | 0 | 0 | 0 | 0 | 1 | 1 |
| Brae High | 19 | 5 | 0 | 15 | 10 | 49 |
| Mid Yell Junior High | 0 | 1 | 0 | 1 | 1 | 3 |
| Sandwick Junior High | 0 | 4 | 0 | 6 | 1 | 11 |
| Scalloway Junior High | 0 | 4 | 1 | 7 | 0 | 12 |
| Skerries School | 0 | 0 | 0 | 1 | 0 | 1 |
| Symbister Junior High | 0 | 0 | 0 | 6 | 0 | 6 |
| Total | 95 | 37 | 2 | 123 | 30 | 287 |
| % Leavers | 33.1 | 12.9 | 0.7 | 42.9 | 10.4 | 100.0 |

* Includes unemployed

Source: Shetland Careers Service

Employment in Shetland

| | 1971(a) | 1977(b) | 1981(c) | 1983(d) | 1991(d) | 1994(d) | 1997(d) | 2000(d) |
|---------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Primary | 279 | 322 | 938 | 1,276 | 1,258 | 1,053 | 1,465 | 1,055 |
| Manufacturing | 1,335 | 1,125 | 940 | 923 | 1,121 | 1,130 | 1,322 | 1,052 |
| Construction | 489 | 1,004 | 906 | 763 | 817 | 749 | 946 | 1,375 |
| Services | 2,885 | 4,400 | 6,189 | 5,779 | 5,817 | 6,476 | 8,125 | 8,416 |
| Self Employed | 1,445 | 1,450 | 1,452 | 1,455 | 1,691 | 1,708 | 1,640 | 1,442 |
| Total | 6,433 | 8,301 | 10,425 | 10,196 | 10,704 | 11,116 | 13,498 | 13,340 |

Note: 1997 and 2000 Self Employed statistics are also split among the Primary, Manufacturing, Construction and Services. The employment total for 1997 is 11,858, and for 2000 is 11,898.

Sources: (a) 1971 Population Census and Department of Employment; (b) Department of Employment; (c) Research and Development Department, SIC estimate; (d) Development Department, SIC

Employment Distribution (June 2000)

| Area | Employees | | | | Self Employed | | | | Subtotals | | | | |
|------------------|--------------|------------|--------------|--------------|---------------|------------|------------|------------|--------------|--------------|--------------|--------------|---------------|
| | Male | | Female | | Male | | Female | | Male | | Female | | Total |
| | FT | PT | FT | PT | FT | PT | FT | PT | Male | Female | | | |
| Bigton Jct - S | 126 | 34 | 73 | 136 | 26 | 10 | 9 | 7 | 196 | 225 | 234 | 187 | 421 |
| Bressay | 40 | 5 | 6 | 9 | 5 | 2 | 1 | 0 | 52 | 16 | 52 | 16 | 68 |
| Burra | 7 | 2 | 9 | 13 | 57 | 1 | 3 | 3 | 67 | 28 | 76 | 19 | 95 |
| Delting/Nesting | 983 | 45 | 155 | 190 | 56 | 15 | 15 | 14 | 1,099 | 374 | 1,209 | 264 | 1,473 |
| Fair Isle | 6 | 7 | 2 | 7 | 7 | 0 | 3 | 4 | 20 | 16 | 18 | 18 | 36 |
| Fetlar | 7 | 0 | 0 | 8 | 1 | 3 | 0 | 3 | 11 | 11 | 8 | 14 | 22 |
| Foula | 4 | 4 | 1 | 7 | 0 | 0 | 0 | 0 | 8 | 8 | 5 | 11 | 16 |
| Lerwick | 2,398 | 417 | 1,586 | 2,009 | 265 | 55 | 80 | 74 | 3,135 | 3,749 | 4,329 | 2,555 | 6,884 |
| Northmavine | 37 | 6 | 27 | 57 | 27 | 11 | 5 | 5 | 81 | 94 | 96 | 79 | 175 |
| Papa Stour | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 4 | 5 |
| Quarff/G'wick | 23 | 1 | 4 | 4 | 9 | 8 | 3 | 4 | 41 | 15 | 39 | 17 | 56 |
| S'wick/C'burgh | 103 | 6 | 29 | 50 | 26 | 5 | 7 | 8 | 140 | 94 | 165 | 69 | 234 |
| Scalloway | 166 | 57 | 102 | 108 | 71 | 18 | 7 | 6 | 312 | 223 | 346 | 189 | 535 |
| Skerries | 8 | 4 | 1 | 20 | 16 | 0 | 2 | 5 | 28 | 28 | 27 | 29 | 56 |
| Tresta - B'Walls | 109 | 30 | 48 | 60 | 38 | 9 | 2 | 10 | 186 | 120 | 197 | 109 | 306 |
| Trondra | 23 | 4 | 6 | 0 | 2 | 3 | 3 | 1 | 32 | 10 | 34 | 8 | 42 |
| Unst | 73 | 12 | 27 | 59 | 16 | 9 | 8 | 10 | 110 | 104 | 124 | 90 | 218 |
| W of B'Walls | 20 | 10 | 19 | 67 | 21 | 19 | 2 | 23 | 70 | 111 | 62 | 119 | 181 |
| Whalsay | 96 | 6 | 67 | 120 | 152 | 1 | 2 | 3 | 255 | 192 | 317 | 130 | 447 |
| White/Weis/Ting | 115 | 9 | 30 | 60 | 31 | 7 | 8 | 15 | 162 | 113 | 184 | 91 | 275 |
| Yell | 90 | 19 | 70 | 89 | 54 | 16 | 4 | 11 | 179 | 174 | 218 | 135 | 353 |
| Total | 4,434 | 678 | 2,263 | 3,077 | 880 | 192 | 164 | 206 | 6,184 | 5,710 | 7,741 | 4,153 | 11,898 |

Source: Development Department, SIC

Fisheries

Fish Landings in Shetland

| | White Fish | | Shell Fish | | Sandeels | | Herring | | Mackerel | | Other Pelagic | |
|------|------------|------------|------------|-----------|----------|-----------|---------|-----------|----------|------------|---------------|-----------|
| | Tonnes | £ | Tonnes | £ | Tonnes | £ | Tonnes | £ | Tonnes | £ | Tonnes | £ |
| 1971 | 17,954 | 1,057,691 | 783 | 159,370 | 0 | 0 | 22,813 | 584,148 | 190 | 3,296 | 116 | 2,126 |
| 1976 | 13,457 | 2,587,548 | 588 | 202,339 | 18,548 | 515,398 | 4,010 | 461,243 | 775 | 38,623 | 973 | 64,895 |
| 1981 | 11,444 | 3,212,175 | 695 | 328,200 | 40,731 | 1,173,560 | 871 | 57,158 | 826 | 49,560 | 0 | 0 |
| 1986 | 18,941 | 9,979,705 | 736 | 630,639 | 11,960 | 359,162 | 51,230 | 5,216,706 | 226 | 29,558 | 313 | 31,302 |
| 1991 | 10,603 | 10,823,185 | 1,004 | 1,402,010 | 8,249 | 392,776 | 41,684 | 3,963,148 | 38,514 | 4,829,790 | 5,124 | 284,674 |
| 1992 | 10,556 | 11,171,700 | 1,163 | 1,593,000 | 4,152 | 185,300 | 37,497 | 3,596,300 | 59,777 | 7,255,200 | 3,945 | 183,200 |
| 1993 | 12,633 | 11,670,477 | 1,020 | 1,374,362 | 2,943 | 123,949 | 32,310 | 3,392,744 | 59,871 | 7,547,925 | 27,514 | 1,331,573 |
| 1994 | 11,994 | 12,048,171 | 1,268 | 1,615,556 | 8,691 | 423,773 | 44,167 | 4,769,194 | 81,814 | 10,838,992 | 19,693 | 1,126,183 |
| 1995 | 12,851 | 13,207,665 | 1,727 | 2,145,969 | 4,506 | 249,584 | 61,826 | 6,048,796 | 38,533 | 5,805,839 | 15,884 | 841,889 |
| 1996 | 15,810 | 13,090,578 | 1,725 | 1,784,000 | 9,008 | 489,110 | 27,440 | 2,286,944 | 5,995 | 1,957,673 | 20,004 | 1,184,439 |
| 1997 | 11,165 | 10,300,370 | 2,037 | 2,469,971 | 13,276 | 738,763 | 12,937 | 1,151,724 | 15,927 | 6,453,913 | 20,345 | 1,270,919 |
| 1998 | 9,076 | 10,164,827 | 1,774 | 2,143,127 | 11,585 | 732,075 | 9,144 | 956,238 | 21,601 | 9,515,169 | 29,844 | 1,918,362 |
| 1999 | 15,807 | 11,586,405 | 1,674 | 2,027,324 | 6,775 | 282,638 | 16,221 | 1,539,071 | 15,765 | 3,725,092 | 33,560 | 1,337,352 |

White fish, shell fish and sandeel landings are by UK vessels only. Herring, mackerel and other pelagic statistics are by UK and foreign vessels.

Weight and Value of Catch by Species for 1999 (all vessels)

| Species | Weight (Tonnes) | Value (£) | Species | Weight (Tonnes) | Value (£) |
|------------------------|-----------------|-----------|---------------------------|-----------------|-------------------|
| Anglerfish (Monks) | 875 | 2,747,525 | Nephrops (Norway Lobster) | 144 | 477,363 |
| Bluemouth | <1 | 10 | Other flatfish | 13 | 9,682 |
| Catfish | 29 | 45,990 | Other or mixed Demersal | 47 | 20,889 |
| Cod | 1,632 | 2,763,402 | Plaice | 183 | 194,477 |
| Crabs - Brown (Edible) | 444 | 317,990 | Pollack (Lythe) | 35 | 37,552 |
| Crabs - Green | 6 | 2,627 | Pouting | <1 | 5 |
| Crabs - Velvet (Swim) | 95 | 105,272 | Redfish | <1 | 306 |
| Dabs | 1 | 488 | Roes | 4 | 3,438 |
| Dogfish - Spotted | 1 | 953 | Saithe (Coalfish) | 460 | 237,906 |
| Dogfish - Spur | 118 | 120,003 | Sandeels | 6,775 | 282,638 |
| Dogfish - Other | 7 | 5,780 | Scallops | 748 | 936,667 |
| Eels - Conger | <1 | 109 | Scallops - Queen | 55 | 21,628 |
| Forkbeard | <1 | 10 | Sharks | 1 | 791 |
| Haddock | 3,283 | 3,158,877 | Skates and Rays | 169 | 99,014 |
| Hake | 23 | 26,632 | Sole - Lemon | 62 | 78,731 |
| Halibut | 2 | 6,969 | Sole or Dover Sole | <1 | 51 |
| Halibut - Greenland | 1 | 2,234 | Sprats | 792 | 55,447 |
| Herring | 16,221 | 1,539,071 | Squid | 68 | 66,769 |
| John Dory | <1 | 25 | Turbot | 12 | 44,472 |
| Ling | 553 | 606,040 | Tusk | 15 | 8,540 |
| Ling - Blue | <1 | 53 | Whelks | 107 | 22,086 |
| Lobsters | 7 | 76,924 | Whiting | 1,319 | 790,198 |
| Mackerel | 15,765 | 3,725,092 | Whiting - Blue | 32,376 | 1,217,154 |
| Mackerel - Horse | 392 | 64,752 | Witches | 47 | 36,648 |
| Megrim | 145 | 260,919 | Total | 83,035 | 20,220,199 |

All Fish Landed in Shetland 1999

| | Demersal | | Pelagic | | Shell Fish | |
|--------------|---------------|-------------------|---------------|------------------|--------------|------------------|
| | Tonnes | £ | Tonnes | £ | Tonnes | £ |
| Jan | 657 | 929,475 | 5,014 | 776,117 | 94 | 147,371 |
| Feb | 752 | 792,590 | 10,145 | 994,017 | 84 | 100,287 |
| Mar | 1,287 | 986,440 | 13,467 | 859,818 | 95 | 101,852 |
| Apr | 1,729 | 945,121 | 12,742 | 405,732 | 101 | 119,455 |
| May | 1,640 | 1,158,515 | 0 | 0 | 133 | 123,802 |
| Jun | 3,185 | 1,197,061 | 349 | 48,420 | 133 | 115,312 |
| Jul | 815 | 1,019,680 | 3,354 | 417,082 | 185 | 167,216 |
| Aug | 2,876 | 1,021,117 | 5,550 | 581,485 | 174 | 212,076 |
| Sep | 934 | 987,382 | 4,826 | 399,841 | 244 | 375,550 |
| Oct | 786 | 1,005,687 | 4,097 | 1,237,070 | 195 | 252,359 |
| Nov | 674 | 829,331 | 3,720 | 612,453 | 153 | 173,769 |
| Dec | 498 | 718,958 | 2,283 | 269,480 | 83 | 138,277 |
| Total | 15,833 | 11,591,357 | 65,547 | 6,601,515 | 1,674 | 2,027,326 |

Included in Whitefish Total

| | 1991 | | 1996 | | 1998 | | 1999 | |
|----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|
| | Tonnes | £ | Tonnes | £ | Tonnes | £ | Tonnes | £ |
| Cod | 2,220 | 2,744,602 | 3,683 | 3,200,233 | 2,040 | 2,698,586 | 1,632 | 2,763,402 |
| Haddock | 2,140 | 2,447,125 | 3,347 | 1,952,526 | 3,300 | 2,650,093 | 3,283 | 3,158,877 |
| Whiting | 2,463 | 1,437,210 | 1,790 | 966,244 | 1,021 | 634,087 | 1,319 | 790,198 |
| Monkfish | 1,429 | 3,554,426 | 2,676 | 5,047,928 | 1,040 | 2,848,459 | 875 | 2,747,525 |

Average Quay Prices per tonne (£)

| | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|----------|--------|----------|----------|----------|----------|----------|
| Cod | 337.31 | 828.42 | 1,236.31 | 868.92 | 1,322.84 | 1,693.09 |
| Haddock | 274.25 | 565.40 | 1,143.52 | 583.37 | 803.06 | 962.31 |
| Whiting | 270.31 | 506.43 | 583.52 | 539.80 | 621.04 | 598.94 |
| Monkfish | 584.69 | 1,507.60 | 2,487.35 | 1,886.37 | 2,738.90 | 3,141.46 |

Total Wet Fish Landed in Shetland

| | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------|-----------|------------|------------|------------|------------|------------|
| Tonnes | 53,872 | 74,839 | 104,187 | 78,627 | 83,117 | 81,361 |
| £ | 4,492,453 | 15,547,208 | 21,338,570 | 20,907,671 | 23,499,939 | 18,192,873 |

Landings by Shetland Vessels outwith Shetland

| | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------|---------|---------|-----------|-----------|-----------|------------|------------|------------|
| Tonnes | 3,322 | 1,250 | 28,805 | 39,735 | 38,953 | 63,375 | 95,157 | 92,034 |
| £ | 382,056 | 289,064 | 2,741,617 | 5,554,051 | 8,077,129 | 20,727,987 | 36,272,247 | 19,537,001 |

Distribution of Licensed Vessels by District

| | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-----------------------------------|------------|------------|------------|------------|-----------|------------|------------|------------|
| Creek 1 — South Mainland | 13 | 13 | 11 | 5 | 3 | 13 | 19 | 17 |
| Creek 2 — Lerwick/Bressay | 13 | 20 | 17 | 13 | 7 | 39 | 43 | 43 |
| Creek 3 — Whalsay | 49 | 53 | 33 | 22 | 21 | 37 | 46 | 42 |
| Creek 4 — Out Skerries | | | | 4 | 4 | 8 | 7 | 8 |
| Creek 5 — Yell/Fetlar/Unst | 29 | 26 | 14 | 7 | 5 | 25 | 24 | 22 |
| Creek 6 — Northmavine | 14 | 15 | 7 | 4 | 4 | 8 | 10 | 10 |
| Creek 7 — Central Mainland | — | — | — | 0 | 5 | 8 | 14 | 16 |
| Creek 8 — West Mainland | 30 | 32 | 28 | 17 | 10 | 28 | 29 | 28 |
| Creek 9 — Scalloway/Burra/Trondra | 68 | 61 | 45 | 41 | 32 | 60 | 60 | 58 |
| Total | 216 | 220 | 155 | 113 | 91 | 226 | 252 | 244 |

Licensed Vessel Size

| | Over 80ft | 40-80ft | Under 40ft | Total |
|------|-----------|---------|------------|-------|
| 1971 | 0 | 64 | 152 | 216 |
| 1976 | 1 | 71 | 148 | 220 |
| 1981 | 8 | 52 | 95 | 155 |
| 1986 | 16 | 36 | 76 | 128 |
| | Over 25m | 10-25m | Under 10m | Total |
| 1991 | 20 | 46 | 23 | 89 |
| 1996 | 23 | 57 | 146 | 226 |
| 1998 | 21 | 44 | 187 | 252 |
| 1999 | 22 | 41 | 181 | 244 |

Source: Sea Fisheries Statistics Unit, Scottish Executive Environment & Rural Affairs Department (SEERAD)

Employment in the Shetland Fishing Industry*

| | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Catching | 636 | 652 | 542 | 507 | 458 | 502 | 599 | 623** |
| Ancillary | 171 | 225 | 243 | 265 | 330 | 301 | 281 | 313 |
| Total | 807 | 877 | 785 | 772 | 788 | 803 | 880 | 936 |

* Some fishermen serve on more than one vessel

** 424 are classed as "regularly employed" and 199 as "partially employed"

Sources: Development Department, SIC estimates; Sea Fisheries Statistics Unit, Scottish Executive Environment & Rural Affairs Department (SEERAD) and Shetland Fisheries Training Association

Fisheries Protection

The enforcement of UK and EU Common Fisheries Policy regulations is the responsibility of the Scottish Fisheries Protection Agency through inspections and observations by its protection vessels and sightings by SFPA surveillance aircraft.

The statistics below relate to activity in UK waters north of 59°30'N, and between 4°W and the UK/Norwegian median line.

| Vessel Nationality | Fisheries Protection Vessel Boardings | | | | Fisheries Protection Vessel Sightings | | | | Fisheries Protection Aircraft Sightings | | | |
|--------------------|---------------------------------------|------------|------------|------------|---------------------------------------|--------------|--------------|--------------|---|--------------|--------------|--------------|
| | 1991 | 1996 | 1998 | 1999 | 1991 | 1996 | 1998 | 1999 | 1991 | 1996 | 1998 | 1999 |
| Belgium | 0 | 2 | 1 | 3 | 1 | 3 | 3 | 8 | 1 | 12 | 7 | 5 |
| Denmark | 17 | 31 | 28 | 9 | 20 | 52 | 30 | 16 | 128 | 141 | 193 | 86 |
| Eire | 7 | 0 | 1 | 2 | 49 | 26 | 5 | 7 | 49 | 60 | 6 | 44 |
| Faroe | 2 | 3 | 1 | 3 | 15 | 8 | 4 | 3 | 23 | 12 | 24 | 19 |
| France | 101 | 19 | 26 | 20 | 212 | 58 | 42 | 46 | 371 | 154 | 114 | 130 |
| Germany | 51 | 17 | 24 | 15 | 78 | 30 | 32 | 33 | 196 | 78 | 56 | 80 |
| Iceland | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 4 | 1 | 0 |
| Netherlands | 13 | 6 | 10 | 14 | 26 | 3 | 25 | 55 | 65 | 16 | 35 | 51 |
| Norway | 120 | 74 | 96 | 67 | 179 | 134 | 144 | 182 | 377 | 419 | 403 | 376 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| Sweden | 5 | 0 | 0 | 1 | 8 | 1 | 0 | 5 | 19 | 8 | 4 | 9 |
| UK | 370 | 301 | 331 | 227 | 1,078 | 1,047 | 1,214 | 1,170 | 2,646 | 3,608 | 3,016 | 2,764 |
| Other | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 1 | 4 | 13 | 9 |
| Total | 686 | 453 | 518 | 361 | 1,667 | 1,364 | 1,500 | 1,529 | 3,879 | 4,518 | 3,872 | 3,575 |

Source: Scottish Fisheries Protection Agency

Fish Processing

Fish Processing

| | 1977 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-----------|------|------|------|------|------|------|------|
| Firms | 11 | 10 | 11 | 14 | 16 | 21 | 22 |
| Factories | 15 | 13 | 14 | 15 | 17 | 22 | 21 |

Processing Lines

| | 1977 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|----------------------|------|------|------|------|------|------|------|
| White Fish | 11 | 10 | 12 | 5 | 6 | 8 | 9 |
| Herring and Mackerel | 3 | 2 | 1 | 1 | 1 | 6 | 8 |
| Fish Meal Plants | 3 | 1 | 2 | 1 | 1 | 1 | 1 |
| Shellfish | 3 | 2 | 2 | 3 | 3 | 6 | 6 |
| Salmon | 0 | 0 | 0 | 7 | 6 | 9 | 10 |
| Smoking | 3 | 2 | 2 | 3 | 3 | 4 | 7 |

Value (estimated turnover £ m)

| | 1991 | 1996 | 1998 | 1999 |
|--|-------|-------|-------|-------|
| | 25.00 | 51.50 | 59.00 | 78.44 |

Source: Shetland Fish Processors' Association

Employment

| | 1977 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------|------------|------------|------------|------------|------------|------------|------------|
| Full-time | 967 | 480 | 567 | 578 | 328 | 614 | 600 |
| Part-time | | | | | 234 | 171 | 230 |
| Total | 967 | 480 | 567 | 578 | 562 | 785 | 830 |

Sources: Development Department, SIC; Shetland Fish Processors' Association and Shetland Fisheries Training Association

Aquaculture

Salmon Farms

| | 1984 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-----------------------|----------|-----------|-----------|-----------|-----------|-----------|
| Companies Established | 5 | 13 | 0 | 1 | 3 | 2 |
| Companies Producing | 4 | 27 | 59 | 46 | 50 | 46 |
| Total | 9 | 40 | 59 | 47 | 53 | 48 |

Production

| | 1984 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------------------|------|-------|--------|--------|--------|--------|
| Smolts introduced (x000) | 294 | 935 | 4,643 | 6,234 | 12,627 | 10,744 |
| Production (tonnes) | 50 | 1,500 | 10,614 | 19,710 | 33,304 | 36,408 |
| Average Tonnes per Farm | 13 | 56 | 180 | 428 | 666 | 791 |

Value

| | 1984 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-----------------------|-------|-------|-------|-------|-------|-------|
| Production value (£m) | 0.22 | 6 | 33 | 37 | 56 | 71 |
| Average per Tonne (£) | 4,400 | 3,787 | 3,146 | 1,878 | 1,680 | 1,980 |

Employment

| | 1984 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------|-----------|------------|------------|------------|------------|------------|
| Direct | 40 | 158 | 304 | 323 | 311 | 327 |
| Ancillary | 59 | 168 | 482 | 360 | 339 | 527 |
| Total | 99 | 326 | 786 | 683 | 650 | 854 |

Sources: Shetland Salmon Farmers' Association; Development Department, SIC estimates and Scottish Executive Environment & Rural Affairs Department (SEERAD)

Manpower and Production by Region

| Region | | Staff | | Annual Prod. (tonnes) | Prod. (t/man) | Grilse | | Pre-salmon | | Salmon | |
|--------------|------|-------|-----|-----------------------|---------------|--------|--------------|------------|--------------|--------|--------------|
| | | F/T | P/T | | | Tonnes | Mean wt (kg) | Tonnes | Mean wt (kg) | Tonnes | Mean wt (kg) |
| Shetland | 1991 | 202 | 102 | 10,614 | 35 | 826 | 2.8 | 4,322 | 3.1 | 5,466 | 3.9 |
| | 1996 | 209 | 114 | 19,710 | 61 | 2,042 | 2.8 | 8,814 | 3.9 | 8,854 | 4.8 |
| | 1998 | 218 | 93 | 33,304 | 107 | 11,162 | 1.4 | 16,690 | 4.2 | 5,330 | 4.7 |
| | 1999 | 227 | 100 | 36,408 | 111 | 4,449 | 2.7 | 15,111 | 4.0 | 16,447 | 4.3 |
| All Scotland | 1991 | 1,014 | 272 | 40,593 | 32 | 7,449 | 2.1 | 13,577 | 2.6 | 19,567 | 3.2 |
| | 1996 | 1,151 | 242 | 83,121 | 60 | 25,776 | 3.0 | 32,222 | 3.8 | 24,485 | 4.5 |
| | 1998 | 1,117 | 192 | 110,784 | 85 | 38,963 | 2.3 | 47,820 | 3.9 | 21,953 | 4.3 |
| | 1999 | 1,036 | 268 | 126,684 | 97 | 41,259 | 3.3 | 42,564 | 4.3 | 40,100 | 4.4 |

Source: Scottish Executive Environment & Rural Affairs Department (SEERAD)

Agriculture

Main and Minor Holdings

| | 1971 | 1981 | 1991 | 1996 | 1998 | 1999 |
|-----------------------|---------|---------|---------|---------|---------|---------|
| Land Use (ha): | | | | | | |
| Tillage | 1,410 | 1,062 | 740 | 423 | 398 | 399 |
| Grassland and Crops | 8,407 | 8,400 | 14,304 | 19,047 | 19,296 | 19,619 |
| Rough/Common Grazing | 129,019 | 133,160 | 130,943 | 126,853 | 126,357 | 127,704 |
| Total Area Rented | 38,130 | 36,046 | 36,781 | 40,244 | 40,129 | 41,291 |
| Total Area Owned | 28,161 | 30,368 | 33,840 | 34,454 | 36,243 | 36,297 |
| No of Holdings | 2,439 | 2,240 | 2,311 | 2,219 | 2,136 | 2,130 |
| No of Common Grazings | 93 | 93 | 100 | 100 | 115 | 143 |

Area Under Crops (ha):

| | | | | | | |
|-----------------------------|-------|-------|--------|--------|--------|--------|
| Grass (excl Rough Grazings) | 6,998 | 7,338 | 13,563 | 18,623 | 18,898 | 19,220 |
| Barley and Oats | 857 | 511 | 214 | 82 | 72 | 77 |
| Turnips and Swedes | 134 | 103 | 106 | 61 | 53 | 43 |
| Kale and Cabbage | 73 | 34 | 30 | 15 | 17 | 11 |
| Potatoes | 256 | 232 | 144 | 93 | 63 | 61 |
| All Other Crops | 17 | 25 | 126 | 121 | 109 | 122 |

Livestock:

| | | | | | | |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Beef Cows and Heifers | 2,492 | 1,896 | 2,129 | 2,340 | 2,420 | 2,336 |
| Dairy Cows and Heifers | 791 | 593 | 655 | 726 | 699 | 699 |
| Total Cattle | 6,945 | 5,103 | 5,701 | 6,224 | 6,206 | 6,028 |
| Breeding Ewes and Gimmers | n/a | n/a | 210,630 | 218,675 | 231,930 | 232,944 |
| Total Sheep | 264,779 | 297,558 | 387,468 | 399,162 | 424,312 | 420,547 |
| Pigs | 9 | 83 | 28 | 123 | 213 | 217 |
| Poultry | 12,950 | 8,672 | 4,428 | 4,182 | 4,276 | 4,893 |
| Registered Slaughterhouses | 9 | 8 | 4 | 3 | 2 | 3 |
| Sheep Slaughtered | 8,417 | 9,592 | 8,712 | 2,446 | 1,550 | 2,200 |
| Cattle Slaughtered | 485 | 278 | 339 | 89 | 175 | 129 |
| Pigs Slaughtered | 0 | 0 | 33 | 111 | 203 | 423 |
| Sheep Exported | 43,464 | 60,542 | 99,404 | 122,539 | 107,165 | 100,900 |
| Cattle Exported | 1,947 | 2,066 | 2,117 | 1,938 | 1,683 | 1,861 |
| Ponies Exported | 417 | 407 | 239 | 258 | 266 | 197 |
| Pigs Exported | 0 | 0 | 0 | 0 | 0 | 1 |
| Wool Production (est kg) | 218,000 | 245,000 | 337,000 | 350,000 | 348,000 | 349,400 |

Milk:

| | | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Dairy Units | 23 | 23 | 16 | 10 | 9 | 8 |
| Milk Production (litres) | 1,428,975 | 2,069,550 | 2,584,564 | 2,751,721 | 2,572,000 | 2,395,535 |

Employment:

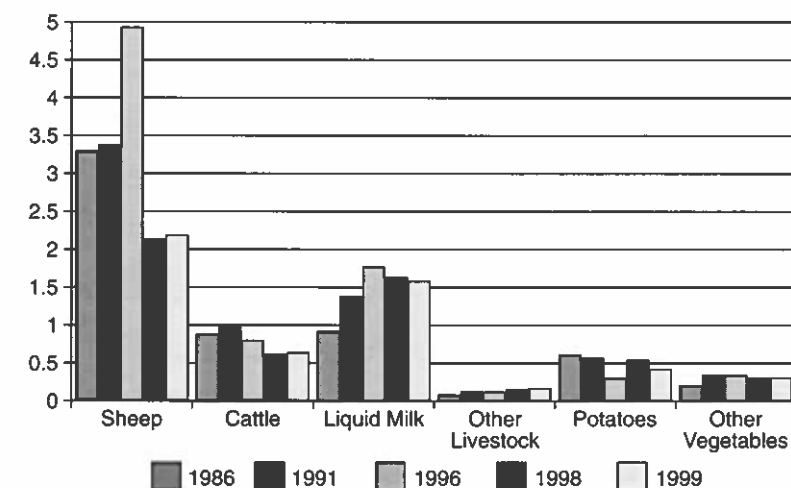
| | | | | | | |
|--|-----|-----|-------|-------|-------|-------|
| F/T and P/T Employees | 222 | 204 | 244 | 304 | 307 | 296 |
| F/T and P/T Occupiers | 439 | 457 | 637 | 618 | 627 | 622 |
| Others (including occupiers less than half time, wives/husbands of occupiers and casual/seasonal labour) | 584 | 718 | 1,591 | 1,734 | 1,677 | 1,681 |

Sources: Scottish Executive Environment & Rural Affairs Department (SEERAD) and The Meat Hygiene Service

Production

| Value (estimated £m) | 1986 | 1991 | 1996 | 1998 | 1999 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|
| Sheep | 3.28 | 3.35 | 4.93 | 2.12 | 2.18 |
| Cattle | 0.86 | 1.00 | 0.73 | 0.61 | 0.64 |
| Liquid Milk | 0.90 | 1.40 | 1.74 | 1.63 | 1.58 |
| Other Livestock (inc eggs) | 0.11 | 0.12 | 0.13 | 0.14 | 0.16 |
| Potatoes | 0.65 | 0.58 | 0.27 | 0.56 | 0.47 |
| Other Vegetables | 0.22 | 0.35 | 0.36 | 0.30 | 0.30 |
| Total | 6.02 | 6.80 | 8.16 | 5.36 | 5.33 |

Agricultural Production Value



Source: Development Department, SIC

SEERAD & EU Assistance (£m)

| | 1986 | 1991 | 1996 | 1998 | 1999 |
|---|-------------|--------------|--------------|--------------|--------------|
| Hill Livestock Compensatory Allowance (HLCA) | 1.33 | 1.61 | 1.25 | 1.28 | 1.99 |
| Annual Premium Schemes | 0.89 | 3.29 | 4.71 | 4.72 | 3.60 |
| Environmentally Sensitive Area (ESA) | — | — | 0.13 | 0.76 | 0.82 |
| Total Assistance | 2.22 | 4.90 | 6.09 | 6.76 | 6.41 |
| Total Production Value and Value of Assistance | 8.24 | 11.70 | 14.25 | 12.12 | 11.74 |

Source: Scottish Executive Environment & Rural Affairs Department (SEERAD)

Shetland Islands Council Charitable Trust Assistance to Shetland Agriculture

As part of Shetland Islands Council's Agricultural Strategy, the SIC Charitable Trust operates an Agricultural Loan Scheme which started in September 1982. The following table summarises the salient features of 383 agricultural loans approved up to and including the Trust's meeting of 30 March 2000.

Development Projects

| Type of Project | Numbers | Hectares | Metres | Gross Cost £ |
|-------------------------|---------|----------|---------|-------------------|
| Drainage/Ditching | | 98 | 389,287 | 350,600 |
| Fencing | | 219 | 515,368 | 1,003,698 |
| Roads | | | 30,977 | 213,390 |
| Re-seeding | | 4,033 | | 1,375,884 |
| Buildings | | | | 4,804,477 |
| Machinery | | | | 1,762,316 |
| Livestock: Sheep | 15,958 | | | 482,077 |
| Cattle | 584 | | | 318,415 |
| Pigs | 19 | | | 1,300 |
| Hens | 300 | | | 594 |
| Quota: Sheep | 4,295 | | | 148,891 |
| Cattle | 68 | | | 7,930 |
| Milk (litres) | 953,012 | | | 395,661 |
| Land Purchased/Assigned | | 5,057 | | 1,527,544 |
| Emergency Stockpile | | | | 32,000 |
| Other | | | | 275,183 |
| Inflation | | | | 305,766 |
| Total Gross Cost | | | | 13,005,726 |
| Financed by: Grants | | | | 4,281,533 |
| Personal Contributions | | | | 2,003,941 |
| Loans | | | | 6,720,252 |
| Total Funding | | | | 13,005,726 |

Source: Department of Corporate Services, SIC

Knitwear

The major marketing problem facing the Shetland knitwear industry 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 the native sheep. To counter this a certification trademark, 'The Shetland Lady', was registered. This forms the cornerstone of the industry's marketing activities.

Shetland Knitwear Export Markets 1999

| Market | % of production |
|----------------|-----------------|
| Asia | 70 |
| Europe | 20 |
| United Kingdom | 5 |
| Americas | 5 |



Value (estimated turnover £ m)

| 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|------|------|------|
| 1.0 | 2.0 | 4.0 | 6.4 | 3.5 | 4.0 | 5.4 | 4.9 |

Employment

| | Employees | | | Self-Employed | | | Home Knitters |
|------|-----------|-----------|-------|---------------|-----------|-------|---------------|
| | Full Time | Part Time | Total | Full Time | Part Time | Total | |
| 1971 | 234 | 111 | 345 | n/a | n/a | n/a | 2,268 |
| 1976 | 155 | 71 | 226 | n/a | n/a | n/a | 2,098 |
| 1981 | n/a | n/a | 131 | n/a | n/a | n/a | 1,200 |
| 1986 | 112 | 51 | 163 | 47 | 16 | 63 | n/a |
| 1991 | 56 | 33 | 89 | 15 | 13 | 28 | 1,345 |
| 1996 | 89 | 15 | 104 | 9 | 15 | 24 | 986 |
| 1998 | 110 | 17 | 127 | 8 | 14 | 22 | 975 |
| 1999 | 105 | 16 | 121 | 8 | 14 | 22 | 960 |

Shetland Tweed

A switch from traditional single width to double width looms producing a range of fine woollen tweeds and cloths using Shetland wool, has rejuvenated this industry. Statistics relating to the weaving sector are included above.

Sources: Shetland Knitwear Trades Association and Development Department, SIC

Crafts

Shetland has a long tradition of producing quality craft goods. The local development agencies participated in a joint "Craft Initiative" throughout 1995 and 1996, which resulted in the formation of a Craft Association and appointment of a Craft Officer in 1997.

The following types of craft business are operating at the present time:

| | |
|--------------|---|
| Basketmakers | traditional Shetland kishies straw baskets |
| Ceramics | potters tile producers |
| Glass | stained glass |
| Leather | bridles, bags, belts |
| Metal Work | welding sculptors farrier, blacksmith |
| Pyrographers | pyrography items |
| Textiles | needle point weavers tapestry felted wool soft toys |
| Jewellery | silver smithing costume jewellery |
| Wood | cabinet makers boat builders fiddle makers turners toys |

Employment (Manufacturing only) 1999

| Male | | Female | | Total | |
|------|-----|--------|-----|-------|-----|
| F/T | P/T | F/T | P/T | F/T | P/T |
| 28 | 6 | 22 | 7 | 50 | 13 |

Note: These figures do not include those people active in the craft sector on a hobby basis.

Sources: Shetland Craft Association and Development Department, SIC

Tourism

Shetland Islands Tourism Bed Spaces

| Type of Accommodation | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Hotels Lerwick | 149 | 231 | 272 | 294 | 296 | 304 | 304 |
| Hotels Country | 292 | 342 | 310 | 301 | 295 | 367 | 258 |
| Guest Houses Lerwick | | | 29 | 31 | 75 | 91 | 89 |
| Guest Houses Country | | | 124 | 97 | 95 | 85 | 84 |
| Bed & Breakfast Lerwick | 206 | 103 | 71 | 93 | 65 | 46 | 45 |
| Bed & Breakfast Country | 154 | 203 | 107 | 208 | 143 | 118 | 111 |
| Self Catering Lerwick | | | | 23 | 38 | 42 | 42 |
| Self Catering Country | 169 | 271 | 285 | 515 | 383 | 322 | 290 |
| Caravans Country | 106 | 104 | 39 | 17 | 0 | 0 | 0 |
| Hostels Lerwick | | | | 48 | 64 | 64 | 64 |
| Hostels Country | 76 | 81 | 146 | 99 | 61 | 68 | 78 |
| Camp Sites Lerwick | | | | 28 | 60 | 60 | 60 |
| Camp Sites Country | 0 | 0 | 117 | 42 | 39 | 40 | 40 |
| Böds | 0 | 0 | 0 | 0 | 63 | 71 | 71 |
| Total | 1,152 | 1,335 | 1,500 | 1,796 | 1,677 | 1,678 | 1,536 |

Tourist Information Centre Enquiries and Bookings

| | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|---------------------|-------|-------|-------|-------|-------|------|
| Postal Enquiries* | 1,696 | 5,201 | 6,845 | 3,586 | 7,307 | n/a |
| Telephone Enquiries | n/a | 966 | 2,115 | 3,291 | | |
| Advance Bookings | 101 | 220 | 252 | 383 | 954 | 850 |
| Immediate Bookings | 412 | 997 | 1,435 | 927 | 703 | 461 |

* Postal enquiries excludes enquiries relating to Scottish Tourist Board campaigns.

Source: Shetland Islands Tourism

Employment

| | 1978 | 1981 | 1986 | 1991 | 1994 | 1997 | 2000 |
|-------------------------------|------------|------------|------------|------------|------------|------------|------------|
| Hotel and Guest Houses | 161 | 233 | 280 | 356 | 340 | 344 | 314 |
| Bed & Breakfast Accommodation | n/a | n/a | 40 | 81 | 40 | 52 | 40 |
| Self Catering, Cottages, etc. | n/a | n/a | 64 | 89 | 28 | 62 | 67 |
| Total | 161 | 233 | 384 | 526 | 408 | 458 | 421 |

Source: Development Department, SIC

Top Visitor Attractions 1999

| Paid Attraction | Visitors | Free Attraction | Visitors |
|------------------------------|----------|--------------------------|----------|
| Jarishof | 11,654 | Shetland Museum | 29,038 |
| Croft House Museum | 2,946 | Bonhoga | 13,125 |
| Islesburgh Summer Exhibition | 2,745 | Old Scatness | 5,182 |
| Quendale Watermill | 1,977 | Da Warp & Weft | 4,646 |
| Up-Helly-Aa Exhibition | 1,000 | Hermaness Visitor Centre | 4,612 |

Sources: Scottish Tourist Board and Shetland Arts Trust

Total Visitor Expenditure in Shetland (£ m)

| 1982 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|------|
| 3.6 | 6.9 | 10.0 | 11.3 | 12.0 | 14.4 |

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

Sources: Development Department, SIC and Shetland Visitor Survey 1995

Visitors on P&O Package Holidays

| Duration | 1982 | 1986 | 1991 | 1996 | 1998 | 1999 |
|----------|-------|-------|-------|-------|------|------|
| 7 Days | 276 | 2,017 | 2,184 | 1,810 | 809 | 732 |
| Midweek | 1,085 | 1,866 | 2,164 | 764 | 307 | 274 |

P&O Ferries Shetland Mini-Cruise Passengers

| 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-------|-------|-------|-------|-------|-------|------|
| 1,390 | 3,964 | 1,768 | 2,014 | 1,038 | 1,201 | 867 |

P&O Ferries Orkney and Shetland Mini-Cruise

| 1996 | 1998 | 1999 |
|-------|-------|-------|
| 2,215 | 1,652 | 1,474 |

Source: P&O Scottish Ferries Ltd

Smyril Line (Summer Service only)

| Passengers | 1998 | 1999 | Lerwick outbound | 1998 | 1999 |
|-----------------|-------|-------|------------------|-------|-------|
| Lerwick inbound | | | | | |
| Hanstholm | 60 | 80 | Hanstholm | 20 | 48 |
| Tórshavn | 1,842 | 1,125 | Tórshavn | 1,808 | 1,116 |
| Bergen | 1,473 | 1,347 | Bergen | 1,398 | 1,202 |
| Seyðisfjørður | 299 | 191 | Seyðisfjørður | 458 | 279 |
| | 3,674 | 2,743 | | 3,684 | 2,645 |

| Vehicles | 1998 | 1998 | Lerwick outbound | 1998 | 1999 |
|-----------------|------|------|------------------|------|------|
| Lerwick inbound | | | | | |
| Hanstholm | 24 | 29 | Hanstholm | 11 | 23 |
| Tórshavn | 213 | 140 | Tórshavn | 207 | 131 |
| Bergen | 328 | 326 | Bergen | 310 | 306 |
| Seyðisfjørður | 87 | 75 | Seyðisfjørður | 134 | 105 |
| | 652 | 570 | | 662 | 565 |

Source: Smyril Line

Cruise Liner Arrivals (Lerwick Harbour)

| 1988 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|
| 20 | 21 | 35 | 37 | 42 |

Cruise Liner Passengers (Lerwick Harbour)

| 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-------|-------|-------|--------|--------|--------|
| 3,564 | 6,279 | 5,240 | 12,852 | 10,112 | 11,197 |

Source: Lerwick Port Authority

Extract from Shetland Visitor Survey 2000

| Purpose of Visit | No. of visitors | % |
|---|-----------------|------------|
| Holiday | 16,040 | 34 |
| Visiting friends and relatives — on holiday | 8,492 | 18 |
| Business | 21,231 | 45 |
| Other | 1,416 | 3 |
| Total | 47,179 | 100 |

| Method of Transport | Yachts/Cruise Liners |
|---------------------|----------------------|
| By Air | 373 |
| By Sea | 11,300 |
| | 6,800 |

Accommodation Used

| | | |
|------------------------------------|--------|-----|
| Hotel/Guest House | 21,230 | 45% |
| Staying with friends and relatives | 9,908 | 21% |
| Bed & Breakfast | 4,718 | 10% |
| Hostel | 2,076 | 4% |
| Self Catering | 3,161 | 7% |
| Caravan/Camper Van/Camping | 1,557 | 3% |
| Other | 4,529 | 10% |

Visitor Expenditure per person 2000

| Purpose of Visit | Average expenditure per person Inc travel (£) | excl travel (£) |
|--------------------------------|--|-----------------|
| Holiday | 435 | 237 |
| Business | 523 | 258 |
| Visiting friends and relatives | 395 | 195 |

Origin of Visitors 2000

| | % | Overseas Visitors | % |
|-----------------|-----|-------------------------|-------------|
| Scotland | 44 | Norway, Sweden, Finland | 3.5 |
| Rest of Britain | 36 | USA/Canada | 3.8 |
| Overseas | 20 | Australia/New Zealand | 2.7 |
| | 100 | Germany | 2.1 |
| | | Rest of Europe | 3.7 |
| | | Faroe | 1.2 |
| | | Other | 3.1 |
| | | Total | 20.1 |

Source: Shetland Visitor Survey 2000, Macpherson Research, Inverness

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. BP Exploration Operating Company Ltd operates the terminal on behalf of 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). It now averages over 650,000 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 25 November. The first oil was shipped out from the terminal by the Shell tanker 'Donovania' five days later and on 3 December the first oil arrived through the Ninian pipeline from the Heather oilfield.

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.

1994 – In August the terminal recorded one million manhours without a lost time injury.

1997 – On 13 June the six billionth barrel of crude oil was produced at the terminal.

1998 – During April the terminal was awarded, for the fourth consecutive year, the Gold Award for Occupational Safety by the Royal Society for the Prevention of Accidents. On 24 April the 'Hellespont Grand' became the largest tanker to visit the terminal with a dead-weight of 421,680 tonnes, and took the largest cargo from the terminal, 376,000 tonnes. In May the LPG ship 'Havrim', 37,300 cu.m., was the 1,000th LPG vessel to visit the terminal since operations commenced. On 8 August the 'Nordic Savonita' offloaded the first cargo of oil, 38,000 tonnes/300,000 barrels, from the Schiehallion field, west of Shetland. The 'Windsor' was the first tanker to collect a cargo of 630,000 barrels of Schiehallion crude, bound for Rotterdam on 19 August. October saw the longest tanker 'Empress Des Mers' to berth at Sullom Voe. This Nassau registered tanker was 381.82 metres long.

1999 – On 6 January the 'Hellespont Grand' took the largest cargo of oil from the terminal: 395,567 tonnes.

UK Port Traffic, Bulk Fuel and Crude Oil Handling Ports 1999

| Port Traffic (foreign & domestic) | '000 Tonnes | % UK Traffic | Oil Traffic (foreign & domestic) | '000 Tonnes | % UK Traffic |
|--------------------------------------|----------------|-----------------|-------------------------------------|------------------------|-------------------------|
| London | 52,206 | 9.2 | Forth | 41,654 | 15.5 |
| Grimsby & Immingham | 49,757 | 8.8 | Sullom Voe | 37,640 | 14.0 |
| Tees & Hartlepool | 49,316 | 8.7 | Milford Haven | 31,266 | 11.6 |
| Forth | 45,396 | 8.0 | Tees & Hartlepool | 29,377 | 10.9 |
| Sullom Voe | 37,680 | 6.7 | Grimsby & Immingham | 26,343 | 9.8 |
| Southampton | 33,289 | 5.9 | All above ports | 166,280 | 61.8 |
| Milford Haven | 32,187 | 5.7 | All UK major ports | 269,531 | 100.0 |
| Felixstowe | 31,466 | 5.6 | | | |
| Liverpool | 28,913 | 5.1 | Crude Oil | '000 Tonnes | % UK Traffic |
| Dover | 19,387 | 3.4 | Sullom Voe | 37,315 | 20.1 |
| Orkney | 16,998 | 3.0 | Forth | 33,411 | 18.0 |
| Medway | 13,973 | 2.5 | Tees & Hartlepool | 25,351 | 13.6 |
| Belfast | 12,862 | 2.3 | Orkney | 16,648 | 8.9 |
| Port Talbot | 11,821 | 2.1 | Southampton | 16,027 | 8.6 |
| Hull | 10,119 | 1.8 | All above ports | 128,751 | 69.2 |
| All UK ports | 565,614 | 100.0 | All UK major ports | 186,014 | 100.0 |

Source: Maritime Statistics Branch, Department of the Environment, Transport & the Regions

Sullom Voe Terminal: Oil Throughput (tonnes/barrels per day (bpd))

| | Brent Pipeline System (tonnes) | Ninian Pipeline System (tonnes) | Schiehallion (tonnes) | Total (tonnes) | Brent Pipeline System (av. bpd) | Ninian Pipeline System (av. bpd) | Schiehallion (av. bpd) | Terminal (av. bpd) |
|-------------|---|--|--------------------------|-------------------|--|---|---------------------------|-----------------------|
| 1978 | 856,991 | 92,186 | — | 949,177 | 177,526 | 23,439 | — | n/a |
| 1979 | 10,367,579 | 8,555,865 | — | 18,923,444 | 212,472 | 174,425 | — | 386,897 |
| 1981 | 23,116,490 | 15,545,240 | — | 38,661,730 | 478,094 | 317,083 | — | 795,177 |
| 1986 | 38,692,099 | 16,875,047 | — | 55,567,146 | 800,134 | 346,513 | — | 1,146,647 |
| 1991 | 20,263,701 | 15,576,512 | — | 35,840,213 | 419,864 | 322,592 | — | 742,455 |
| 1996 | 23,332,990 | 14,368,498 | — | 37,701,488 | 483,404 | 297,684 | — | 781,088 |
| 1998 | 19,246,136 | 9,671,451 | 1,146,033 | 28,917,587 | 399,503 | 200,761 | n/a | 600,264 |
| 1999 | 19,823,481 | 7,076,318 | 5,112,218 | 32,012,017 | 411,371 | 146,832 | 98,668 | 656,871 |

Sullom Voe Terminal: Gas Throughput (tonnes)

| | Brent Pipeline System Propane | Brent Pipeline System Butane | Ninian Pipeline System Propane | Ninian Pipeline System Butane | Total Propane | Total Butane |
|-------------|--|---------------------------------------|---|--|---------------|--------------|
| 1982 | 174,889 | 128,624 | 176,805 | 115,072 | 351,694 | 243,696 |
| 1986 | 476,742 | 375,641 | 346,478 | 254,621 | 823,220 | 630,262 |
| 1991 | 89,961 | 57,906 | 260,536 | 190,250 | 350,497 | 248,164 |
| 1996 | 73,381 | 18,284 | 214,052 | 174,388 | 287,433 | 192,672 |
| 1998 | 62,060 | 24,570 | 153,753 | 119,169 | 215,813 | 143,739 |
| 1999 | 76,192 | 41,102 | 111,741 | 81,237 | 187,933 | 122,339 |

Sullom Voe: Tankers Using Port

| | 1979 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-----|------|------|------|------|------|------|------|
| Oil | 270 | 432 | 654 | 423 | 395 | 306 | 365 |
| Gas | 0 | 0 | 112 | 45 | 32 | 29 | 30 |

Oilfields in Production

| Name of Field | Field on stream | Operator | Production 1999 '000 barrels* |
|-------------------|-----------------|----------------|-------------------------------|
| Brent | (B) 1976 | Shell | 35,333 |
| Dunlin | (B) 1978 | Shell | 4,628 |
| Heather | (N) 1978 | DNO Heather | 1,460 |
| Ninian | (N) 1978 | Kerr McGee | 15,276 |
| Thistle | (B) 1978 | BP | 2,298 |
| South Cormorant | (B) 1979 | Shell | 6,437 |
| Murchison | (B) 1980 | Kerr McGee | 5,701 |
| North Cormorant | (B) 1982 | Shell | 11,460 |
| North West Hutton | (B) 1983 | BP | 2,207 |
| Magnus | (N) 1983 | BP | 22,934 |
| Deveron | (B) 1984 | Britoil | 303 |
| Hutton | (B) 1984 | Kerr McGee | 4,127 |
| Alwyn North | (B) 1987 | Total Fina Elf | 8,278 |
| Eider | (B) 1988 | Shell | 4,512 |
| Tern | (B) 1989 | Shell | 15,983 |
| Don | (B) 1989 | Britoil | 671 |
| Osprey | (B) 1991 | Shell/Esso | 3,889 |
| Lyell | (N) 1993 | Kerr McGee | 1,089 |
| Strathspey | (N) 1993 | Texaco | 5,291 |
| Dunbar | (B) 1994 | Total Fina Elf | 14,641 |
| Ellon | (B) 1994 | Total Fina Elf | 918 |
| Columba D | (N) 1994 | Ranger | 673 |
| Hudson | (B) 1994 | Amerada Hess | 9,140 |
| South Magnus | (N) 1996 | BP | 3,612 |
| Columba B | (N) 1996 | Ranger | 1,161 |
| Dunlin SW | (B) 1996 | Shell | 1,708 |
| Pelican | (B) 1996 | Shell | 806 |
| Merlin | (B) 1997 | Shell | 6,295 |
| Columba E | (N) 1998 | Ranger | 1,298 |
| Schiehallion | (WoS) 1998 | BP | 35,966 |
| Grant | (B) 1998 | Total Fina Elf | 2,074 |

(B) part of Brent pipeline to Sullom Voe

(N) part of Ninian pipeline to Sullom Voe

(WoS) West of Shetland – Schiehallion oil sent to terminal by shuttle tanker

* The current year total production in barrels has been achieved by converting the total mass for each field by an average conversion factor applicable to that field.

Source: BP Exploration Operating Co Ltd

Permanent Terminal Workforce

| | 1978 | % local | 1981 | % local | 1986 | % local | 1991 | % local |
|------------------------|------------|-----------|------------|-----------|------------|-----------|--------------|-----------|
| SIC Marine Operations | 32 | 66 | 92 | 63 | 99 | 72 | 94 | 71 |
| Shetland Towage | 25 | 80 | 86 | 88 | 92 | 93 | 94 | 100 |
| BP | 113 | 31 | 407 | 48 | 583 | 59 | 516 | 58 |
| Sub-Contractors | n/a | n/a | 336 | 41 | 223 | 68 | 406 | 56 |
| Total Employees | 170 | 45 | 921 | 50 | 997 | 73 | 1,110 | 62 |

| | 1995 | % local | 1996 | % local | 1998 | % local | 1999 | % local |
|------------------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| SIC Marine Operations | 97 | 74 | 98 | 77 | 88 | 100 | 90 | 86 |
| Shetland Towage | 89 | 106 | 73 | 100 | 71 | 100 | 71 | 100 |
| BP | 363 | 67 | 333 | 70 | 312 | 71 | 312 | 71 |
| Sub-Contractors | 218 | 80 | 195 | 79 | 389 | 84 | 413 | 68 |
| Total Employees | 767 | 76 | 699 | 77 | 860 | 82 | 886 | 73 |

Sources: BP Exploration Operating Co Ltd; Shetland Towage; Marine Operations Department, SIC and Development Department, SIC

Marine Service Base

| Base | Area (ha) | Berths Operational |
|--|-----------|--------------------|
| Shetland Base Services Ltd (Green Head, Lerwick) | 16.20 | 9 |

Berthage for supply vessels is also available at Scalloway and Baltasound Harbours.

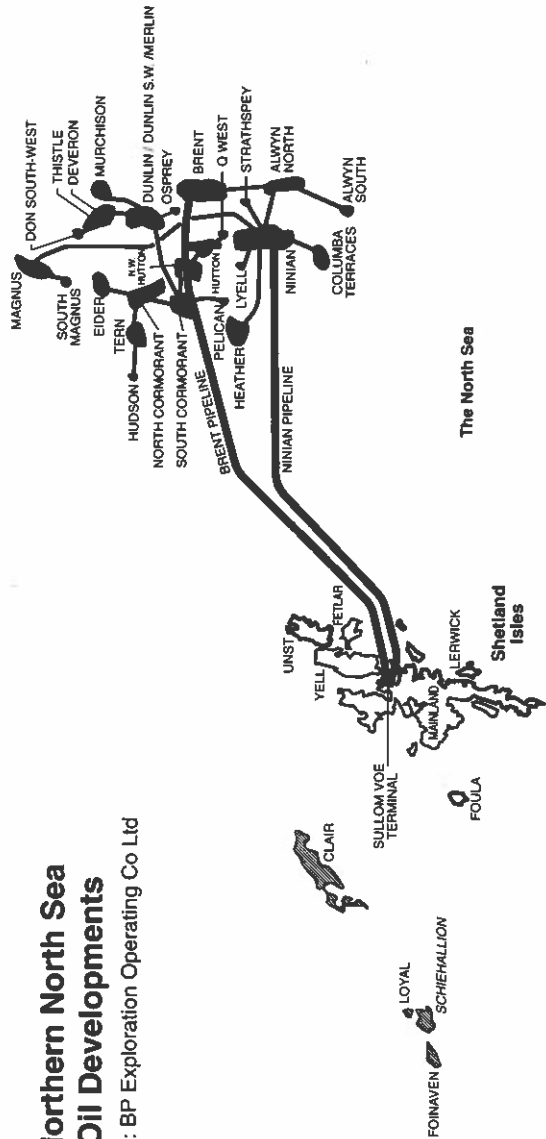
Marine Service Employment

| 1972 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|------|------|------|
| 21 | 185 | 391 | 318 | 229 | 224 | 214 | 177 |

Source: Development Department, SIC

Northern North Sea Oil Developments

Source: BP Exploration Operating Co Ltd



The North Sea

FAIR ISLE



Cost of Living

These indices are calculated from information collected in June 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.

| 1981 | | | | | | | 1986 | | | | | | |
|------------------------|-------|-------------|---------|-----------|----------|-------|-------|-------------|---------|-----------|----------|-------|--|
| Indices | Food | Other Goods | Housing | Transport | Services | Total | Food | Other Goods | Housing | Transport | Services | Total | |
| Shetland: Lerwick | 100.6 | 118.0 | 116.0 | 120.7 | 96.1 | 109.7 | 99.6 | 111.9 | 113.6 | 123.0 | 95.1 | 107.9 | |
| Outer Island | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| Remote | 116.9 | 129.3 | 112.7 | 132.2 | 95.7 | 119.8 | 108.1 | 123.0 | 109.5 | 140.5 | 91.2 | 114.5 | |
| Village A | 108.7 | 122.5 | 115.0 | 123.9 | 96.1 | 114.2 | 110.5 | 120.2 | 110.1 | 130.2 | 92.5 | 113.4 | |
| Village B | 113.1 | 126.5 | 116.0 | 124.6 | 94.0 | 117.0 | 113.8 | 124.4 | 113.6 | 130.6 | 93.0 | 116.2 | |
| Village C | 112.2 | 122.5 | 117.7 | 126.6 | 97.0 | 116.6 | 110.3 | 120.6 | 114.0 | 131.5 | 93.8 | 114.5 | |
| Scottish Rural Average | 118.3 | 124.0 | 108.6 | 111.5 | 90.0 | 115.1 | 104.7 | 116.8 | 106.9 | 111.6 | 90.1 | 107.3 | |
| Aberdeen | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| Edinburgh | n/a | n/a | n/a | n/a | n/a | n/a | 103.8 | 99.2 | 101.1 | 97.3 | 100.0 | 100.8 | |

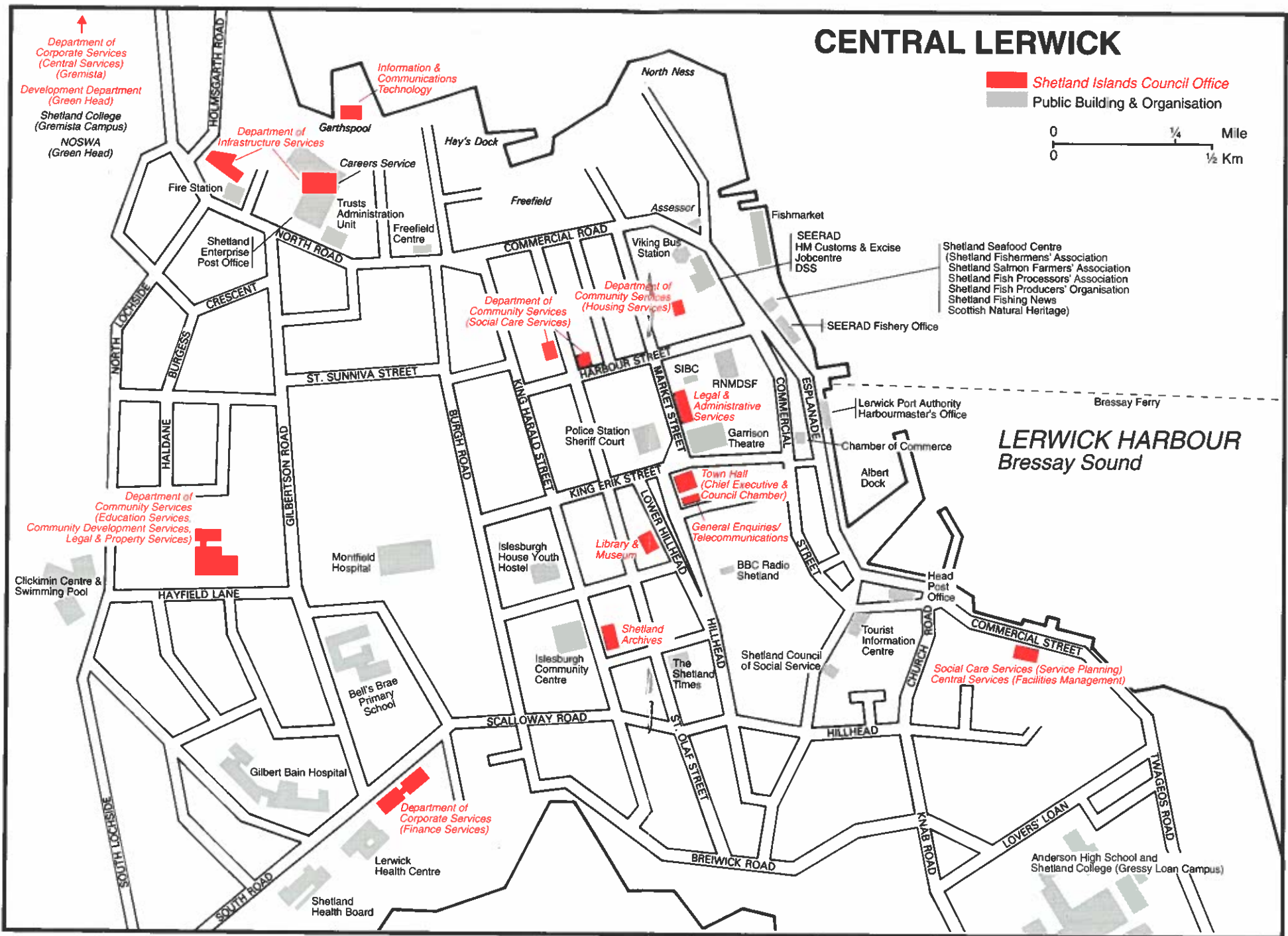
| 1991 | | | | | | | 1996 | | | | | | |
|------------------------|-------|-------------|---------|-----------|----------|-------|-------|-------------|---------|-----------|----------|-------|--|
| Indices | Food | Other Goods | Housing | Transport | Services | Total | Food | Other Goods | Housing | Transport | Services | Total | |
| Shetland: Lerwick | 98.7 | 113.4 | 88.9 | 125.6 | 96.7 | 103.8 | 105.5 | 112.6 | 89.5 | 127.5 | 99.5 | 106.6 | |
| Outer Island | 107.6 | 120.3 | 88.1 | 133.0 | 92.5 | 107.9 | 114.6 | 120.0 | 88.3 | 135.1 | 92.6 | 110.3 | |
| Remote | 112.4 | 125.2 | 87.7 | 140.3 | 92.8 | 111.6 | 110.5 | 126.1 | 87.6 | 140.3 | 93.5 | 111.5 | |
| Village A | 111.3 | 116.0 | 86.3 | 135.1 | 93.0 | 108.1 | 111.3 | 116.4 | 86.9 | 136.1 | 93.5 | 108.7 | |
| Village B | 109.6 | 124.8 | 86.9 | 136.0 | 93.1 | 110.0 | 115.6 | 122.4 | 87.4 | 136.8 | 93.3 | 111.3 | |
| Village C | 112.1 | 122.2 | 86.3 | 136.4 | 94.2 | 110.1 | 113.4 | 124.0 | 86.9 | 136.1 | 94.2 | 111.1 | |
| Scottish Rural Average | 104.9 | 116.0 | 87.3 | 115.4 | 90.1 | 103.2 | 107.4 | 114.7 | 86.4 | 112.5 | 91.6 | 103.1 | |
| Aberdeen | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| Edinburgh | 104.7 | 98.1 | 116.5 | 96.4 | 103.5 | 104.5 | 102.6 | 97.1 | 115.0 | 96.3 | 103.6 | 102.9 | |

| 1998 | | | | | | | 1999 | | | | | | |
|------------------------|-------|-------------|---------|-----------|----------|-------|-------|-------------|---------|-----------|----------|-------|--|
| Indices | Food | Other Goods | Housing | Transport | Services | Total | Food | Other Goods | Housing | Transport | Services | Total | |
| Shetland: Lerwick | 100.1 | 112.0 | 89.5 | 126.6 | 99.1 | 104.9 | 99.6 | 111.6 | 89.1 | 125.6 | 99.2 | 104.6 | |
| Outer Island | 106.3 | 119.6 | 88.0 | 133.8 | 92.5 | 107.9 | 109.5 | 119.3 | 88.2 | 133.8 | 92.6 | 108.9 | |
| Remote | 117.1 | 126.0 | 87.3 | 140.3 | 93.2 | 113.0 | 110.9 | 126.2 | 87.2 | 139.9 | 93.2 | 111.7 | |
| Village A | 111.7 | 115.5 | 87.0 | 135.0 | 93.4 | 108.4 | 109.0 | 115.5 | 86.8 | 134.7 | 93.4 | 107.9 | |
| Village B | 121.5 | 121.7 | 88.1 | 136.1 | 93.7 | 112.7 | 118.2 | 121.5 | 88.3 | 136.3 | 93.6 | 112.1 | |
| Village C | 117.6 | 124.5 | 86.7 | 135.4 | 94.1 | 112.0 | 111.0 | 124.0 | 86.7 | 135.3 | 94.0 | 110.5 | |
| Scottish Rural Average | 109.5 | 114.4 | 86.5 | 112.9 | 91.4 | 103.6 | 106.7 | 114.2 | 86.5 | 112.8 | 91.5 | 102.9 | |
| Aberdeen | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| Edinburgh | 103.1 | 97.5 | 115.6 | 96.3 | 104.1 | 103.4 | 100.1 | 97.6 | 115.3 | 96.5 | 104.4 | 102.6 | |

Source: Rural Scottish Summer Price Survey, Mackay Consultants

CENTRAL LERWICK

■ Shetland Islands Council Office
 Public Building & Organisation



Internal Transport

Internal Air and Sea Transport Infrastructure

| 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 | Air = Charter only | 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 | | Soft Gravel (457x18m) |
| 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 Loganair Ltd. Source: Department of Infrastructure Services, SIC

Inter Island Ferries

Shetland Islands Council Ferry Traffic

Passengers

| Ferry Route | 1976 | 1981 | 1986 | 1991 | 1996* | 1998 | 1999 |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Yell | 62,626 | 109,755 | 96,364 | 113,897 | 193,186 | 204,236 | 201,066 |
| Unst/Fetlar | 33,460 | 44,570 | 40,605 | 65,608 | 112,852 | 123,485 | 122,040 |
| Bressay | 71,615 | 92,454 | 96,849 | 135,447 | 219,619 | 211,879 | 227,368 |
| Whalsay | 23,110 | 42,631 | 45,888 | 67,385 | 144,606 | 141,064 | 133,640 |
| Total | 190,811 | 289,410 | 279,706 | 382,337 | 670,263 | 680,664 | 684,114 |

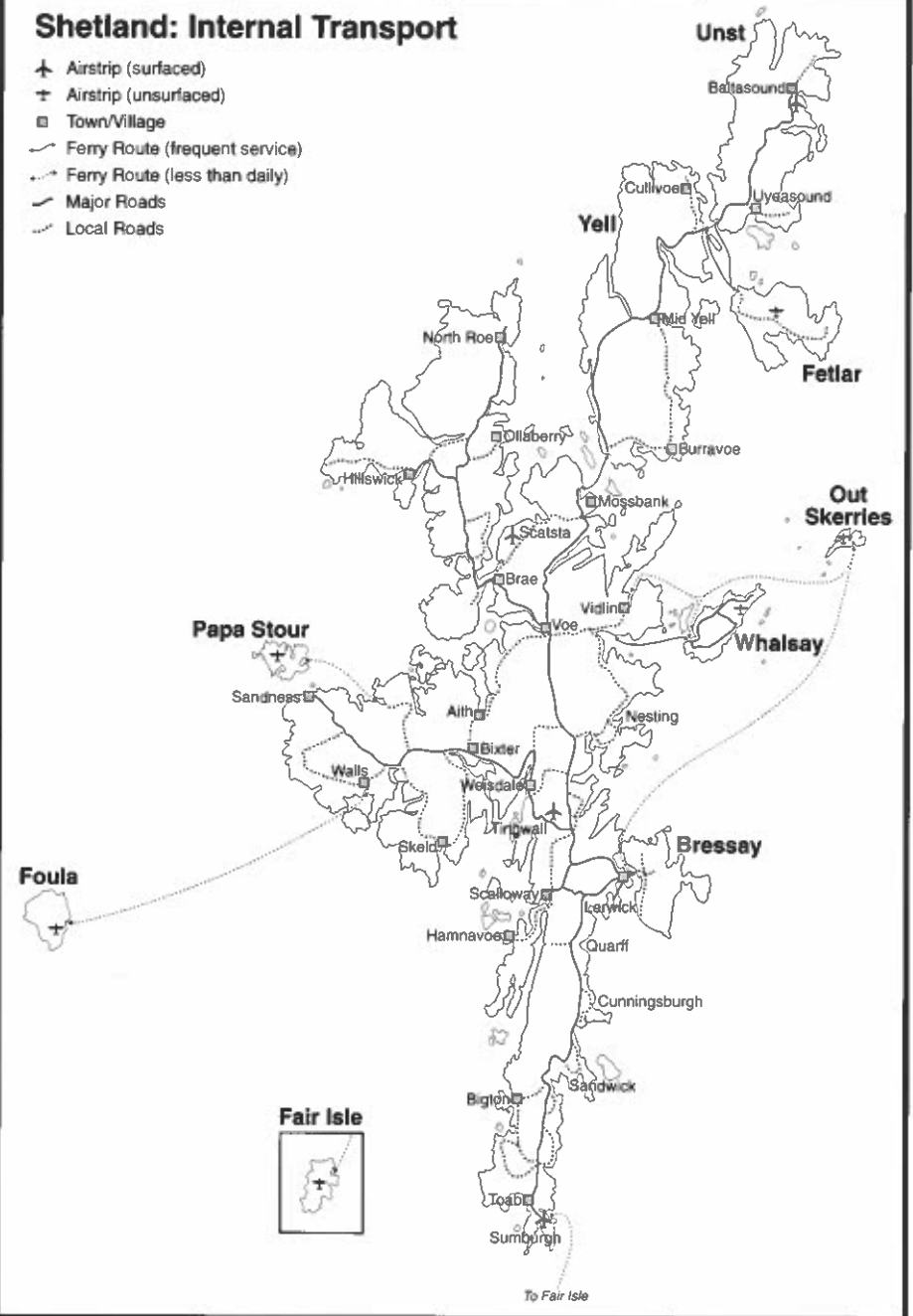
Vehicles

| Ferry Route | 1976 | 1981 | 1986 | 1991 | 1996* | 1998 | 1999 |
|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Yell | 33,333 | 50,310 | 65,264 | 89,041 | 97,180 | 100,247 | 101,248 |
| Unst/Fetlar | 16,920 | 22,897 | 28,202 | 51,816 | 52,034 | 57,337 | 59,797 |
| Bressay | 14,817 | 23,414 | 31,958 | 50,272 | 66,612 | 65,176 | 74,495 |
| Whalsay | 10,117 | 19,330 | 31,660 | 48,911 | 64,212 | 63,137 | 59,964 |
| Total | 75,187 | 115,951 | 157,084 | 240,040 | 280,038 | 285,897 | 295,504 |

* Prior to 1995 the fare gathering system did not record non-fare paying vehicles and passengers. Source: Marine Operations Department, SIC

Shetland: Internal Transport

- ✈ Airstrip (surfaced)
- ✈ Airstrip (unsurfaced)
- Town/Village
- Ferry Route (frequent service)
- ⋯ Ferry Route (less than daily)
- Major Roads
- ⋯ Local Roads



Overland Transport

Bus Services

| Route | Operator | Passengers | | |
|---|-----------------------------------|----------------|----------------|----------------|
| | | 1996 | 1998 | 1999 |
| Lerwick to: South Mainland (Sandwick/Sumburgh/ Sumburgh Airport) | J Leask & Son | 88,355 | 92,688 | 93,505 |
| North Mainland (Hillswick/Mossbank) | Whites Coaches | 71,108 | 67,928 | 70,907 |
| Toft (for Yell, Unst and Fetlar) | J Leask & Son | 14,447 | 12,632 | 7,992 |
| Laxo/Vidlin (for Whalsay) | Whites Coaches | 9,013 | 7,379 | 6,229 |
| West Mainland (Walls/Skeld/ Reawick/Aith) | Rapsons | 49,043 | 44,161 | 44,155 |
| Scalloway/Burra | Rapsons | 46,156 | 41,873 | 46,357 |
| Lerwick Town Service | J Leask & Son | 112,371 | 101,300 | 112,594 |
| Yell Services | R G Jamieson H Sinclair & Co } | 5,553 | 5,824 | 5,399 |
| Unst Services | P & T Coaches | 2,033 | 1,733 | 1,735 |
| Total | | 398,079 | 375,518 | 388,873 |

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) |

Sources: Department of Infrastructure Services, SIC and John Leask & Son

Vehicle Ownership

Vehicles licensed in Shetland on 31 December

| Type | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Private Cars and Light Goods | 3,600 | 5,076 | 7,048 | 7,808 | 8,933 | 10,031 | 10,154 | 10,337 |
| Goods/Agricultural Vehicles | 440 | 640 | 801 | 376 | 310 | 231 | 233 | 223 |
| Public Transport Vehicles | 138 | 171 | 164 | 187 | 121 | 88 | 92 | 95 |
| Motor Cycles | 350 | 397 | 545 | 379 | 287 | 251 | 253 | 252 |
| Miscellaneous | 652 | 826 | 831 | 966 | 967 | 889 | 945 | 949 |
| Total | 5,180 | 7,110 | 9,389 | 9,716 | 10,618 | 11,490 | 11,677 | 11,856 |

Sources: 1971: Local Taxation Office

1981 onwards: Department of the Environment, Transport and the Regions

External Ferries

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

| | | Passenger Journeys | Accompanied Car Journeys |
|-------------|--------------|-----------------------|-----------------------------|
| 1971 | | 22,693 | n/a |
| 1981 | | 52,531 | 8,398 |
| 1986 | | 63,323 | 9,788 |
| 1991 | | 80,346 | 11,350 |
| 1995 | | 60,669 | 11,073 |
| 1996 | | 62,561 | 11,734 |
| 1998 | | 60,938 | 11,254 |
| 1999 | Jan | 2,196 | 450 |
| | Feb | 1,476 | 324 |
| | Mar | 2,631 | 595 |
| | Apr | 4,868 | 782 |
| | May | 5,876 | 991 |
| | Jun | 7,292 | 1,214 |
| | Jul | 10,691 | 1,870 |
| | Aug | 11,375 | 1,938 |
| | Sep | 6,145 | 1,126 |
| | Oct | 4,414 | 1,016 |
| | Nov | 2,220 | 576 |
| | Dec | 2,986 | 639 |
| | Total | 62,170 | 11,521 |

Note: Each passenger and car journey is counted one way.

Freight on P&O Ferries Services Aberdeen – Lerwick

| | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|---------------------|--------|--------|--------|--------|--------|--------|
| Commercial Vehicles | 24,327 | 14,368 | 10,899 | 12,038 | 12,715 | 12,006 |
| Commercial Trailers | 26,959 | 25,745 | 56,255 | 64,244 | 86,049 | 79,468 |
| Unaccompanied Cars | 3,941 | 4,512 | 5,383 | 6,213 | 5,934 | 6,184 |

Figures expressed in metres

Source: P&O Scottish Ferries

Lerwick Harbour

Shipping in Lerwick Harbour

| | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| General | 316 | 470 | 418 | 625 | 738 | 662 | 719 | 695 |
| Oil Tankers | 51 | 99 | 140 | 105 | 114 | 127 | 112 | 94 |
| Oil Rig Tenders | 79 | 1,679 | 1,556 | 1,033 | 888 | 737 | 607 | 216 |
| Other Vessels | 489 | 769 | 430 | 486 | 522 | 611 | 692 | 960 |
| Yachts | | | 112 | 203 | 366 | 317 | 342 | 417 |
| British Fishing* | 1,440 | 893 | 677 | 1,762 | 1,606 | 1,099 | 1,118 | 1,182 |
| Foreign Fishing | 1,580 | 1,357 | 246 | 509 | 216 | 127 | 103 | 91 |
| Total | 3,955 | 5,267 | 3,579 | 4,723 | 4,450 | 3,680 | 3,693 | 3,655 |

* Excludes local fishing fleet

Tonnage Handled in Lerwick Harbour

| | 1971 | 1981 | 1991 | 1996 | 1998 | 1999 |
|-----------------------|---------------|----------------|----------------|----------------|----------------|----------------|
| General Cargo Imports | 45,760 | 200,077 | 226,715 | 317,580 | 393,318 | 352,736 |
| General Cargo Exports | 48,849 | 57,471 | 98,335 | 240,646 | 228,138 | 257,113 |
| Oil Related Imports | 342 | 288,999 | 238,684 | 177,522 | 36,532 | 3,906 |
| Oil Related Exports | 0 | 421,807 | 315,996 | 244,917 | 90,406 | 15,834 |
| Total | 94,951 | 968,354 | 879,730 | 980,665 | 748,394 | 629,589 |

Weight of containers excluded

Foreign Fishing Vessels in Lerwick Harbour

| | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|----------------------------|--------------|--------------|------------|------------|------------|------------|------------|-----------|
| Angola | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Bulgaria | 0 | 0 | 0 | 3 | 6 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark | 374 | 416 | 117 | 82 | 66 | 46 | 25 | 18 |
| Faroe | 242 | 203 | 14 | 3 | 19 | 6 | 5 | 7 |
| Finland | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| France | 16 | 11 | 13 | 13 | 18 | 4 | 4 | 8 |
| Germany (formerly E and W) | 3 | 4 | 1 | 14 | 22 | 10 | 12 | 3 |
| Greenland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Iceland | 215 | 86 | 2 | 9 | 0 | 0 | 2 | 0 |
| Ireland | 0 | 0 | 0 | 18 | 20 | 12 | 13 | 30 |
| Netherlands | 12 | 13 | 0 | 16 | 7 | 3 | 3 | 2 |
| Norway | 551 | 524 | 96 | 306 | 50 | 43 | 36 | 21 |
| Poland | 1 | 37 | 2 | 0 | 0 | 0 | 0 | 0 |
| Portugal | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Sierra Leone | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sweden | 100 | 43 | 1 | 5 | 7 | 0 | 0 | 0 |
| CIS (formerly USSR) | 60 | 13 | 0 | 39 | 1 | 0 | 3 | 1 |
| Total | 1,560 | 1,357 | 246 | 509 | 216 | 127 | 103 | 91 |

Fish Factory Ships and Related Vessels in Lerwick Harbour

| 1983 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|------|
| 41 | 219 | 230 | 249 | 213 | 162 |

Lerwick Harbour Trust Revenue (£)

| 1971 | 1981 | 1991 | 1996 | 1998 | 1999 |
|--------|-----------|-----------|-----------|-----------|-----------|
| 49,000 | 2,100,000 | 4,576,082 | 4,661,595 | 4,873,384 | 4,158,093 |

Source: Lerwick Port Authority

Scalloway Harbour

Shipping in Scalloway Harbour

| | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------------|------------|------------|------------|------------|------------|
| UK Commercial | 11 | 0 | 29 | 43 | 70 |
| Foreign Commercial | 100 | 103 | 147 | 193 | 220 |
| Oil-related | 5 | 1 | 8 | 27 | 44 |
| UK Fishing | 163 | 207 | 127 | 116 | 59 |
| Foreign Fishing | 17 | 28 | 19 | 14 | 15 |
| Yachts | 9 | 33 | 9 | 6 | 4 |
| Other | 0 | 0 | 42 | 32 | 31 |
| Total | 305 | 372 | 381 | 431 | 443 |

Cargo Handling (tonnes)

| | 1986 | 1991 | 1996 | 1998 | 1999 |
|---------|--------|-------|--------|--------|--------|
| Imports | 5,037 | 6,351 | 11,533 | 15,436 | 8,940 |
| Exports | 16,120 | 893 | 14,087 | 40,777 | 37,339 |

Scalloway Harbour Revenue (£)

| 1986/87 | 1991/92 | 1996/97 | 1998/99 | 1999/2000 |
|---------|---------|---------|---------|-----------|
| 160,838 | 202,598 | 359,773 | 276,507 | 282,192 |

Source: Marine Operations Department, SIC

Air Services

Total Aircraft Traffic at Sumburgh, Scatsta, Unst and Tingwall

| | 1978 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------------|---------|---------|---------|---------|---------|---------|---------|
| Passengers | 757,470 | 784,545 | 367,053 | 588,625 | 524,476 | 434,904 | 379,194 |
| Aircraft Movements | 57,343 | 52,863 | 29,457 | 39,863 | 34,122 | 27,735 | 24,521 |

Employment

| | 1978 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------|------------|------------|------------|------------|------------|------------|------------|
| Sumburgh | 529 | 650 | 206 | 296 | 235 | 199 | 191 |
| Tingwall | n/a | 12 | 10 | 8 | 6 | 3 | 3 |
| Scatsta | n/a | 42 | 10 | 11 | 58 | 60 | 60 |
| Unst | n/a | 68 | 66 | 42 | 10 | 6 | 5 |
| Total | 529 | 772 | 292 | 357 | 309 | 268 | 259 |

Source: Development Department, SIC

Sumburgh Airport Traffic: Passengers

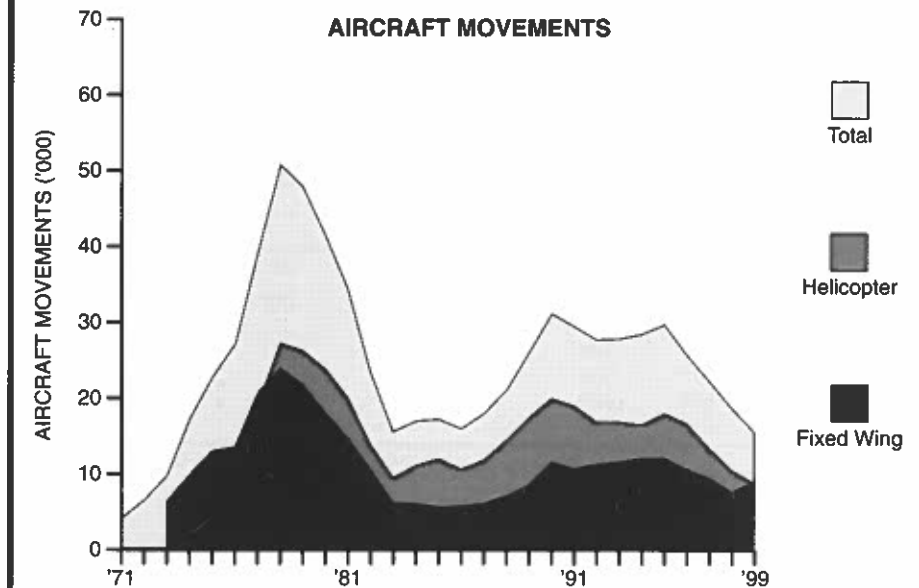
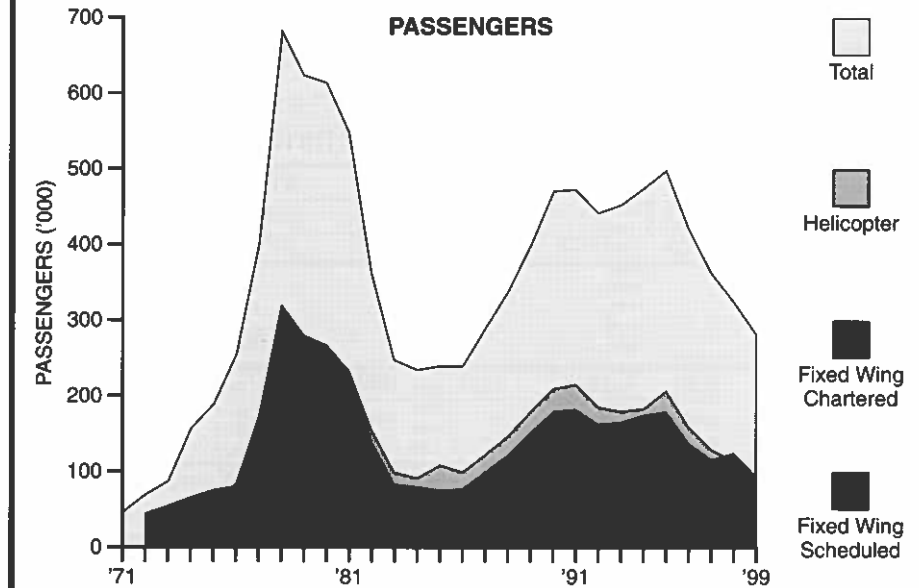
| | Total Passengers | Fixed Wing Scheduled Passengers | Charter Passengers and Others | Helicopter Passengers |
|------|------------------|---------------------------------|-------------------------------|-----------------------|
| 1971 | 46,994 | n/a | n/a | n/a |
| 1976 | 250,778 | 78,654 | 84,111 | 88,013 |
| 1978 | 685,492 | 90,601 | 323,151 | 271,740 |
| 1981 | 541,761 | 76,853 | 232,389 | 232,519 |
| 1986 | 239,744 | 63,200 | 77,805 | 98,739 |
| 1991 | 473,626 | 76,841 | 182,377 | 214,408 |
| 1996 | 423,476 | 125,744 | 137,384 | 160,348 |
| 1998 | 324,713 | 121,011 | 86,904 | 116,798 |
| 1999 | 280,013 | 111,649 | 72,600 | 95,764 |

Sumburgh Airport Traffic: Aircraft Movements and Freight

| | Total | Fixed Wing | Helicopter | Freight (kgs) |
|------|--------|------------|------------|---------------|
| 1971 | 3,895 | n/a | n/a | 440,000 |
| 1976 | 25,694 | 13,030 | 12,664 | 1,574,338 |
| 1978 | 50,666 | 23,843 | 26,823 | 1,950,287 |
| 1981 | 34,188 | 14,361 | 19,827 | 3,487,834 |
| 1986 | 15,968 | 5,621 | 10,347 | 1,409,284 |
| 1991 | 29,168 | 10,321 | 18,847 | 1,448,769 |
| 1996 | 25,350 | 10,202 | 15,148 | 1,611,102 |
| 1998 | 19,187 | 8,698 | 10,489 | 840,484 |
| 1999 | 16,794 | 8,451 | 8,343 | 1,290,427 |

Source: Highlands and Islands Airports Ltd

Sumburgh Airport



UK Airport Passengers ('000)

| | 1991 | 1996 | 1998 | 1999 |
|-------------------------------|---------------|----------------|----------------|----------------|
| Heathrow | 40,245 | 55,732 | 60,683 | 62,268 |
| Gatwick | 18,690 | 24,102 | 29,173 | 30,564 |
| Manchester | 10,102 | 14,485 | 17,351 | 17,578 |
| Stansted | 1,685 | 4,810 | 6,862 | 9,447 |
| Birmingham | 3,246 | 5,353 | 6,709 | 7,014 |
| Glasgow | 4,154 | 5,472 | 6,567 | 6,814 |
| Luton | 1,958 | 2,411 | 4,132 | 5,285 |
| Edinburgh | 2,340 | 3,810 | 4,589 | 5,119 |
| Belfast International | 2,168 | 2,351 | 2,672 | 3,036 |
| Newcastle | 1,527 | 2,433 | 2,985 | 2,994 |
| Aberdeen | 2,020 | 2,377 | 2,663 | 2,468 |
| East Midlands | 1,145 | 1,822 | 2,142 | 2,230 |
| Bristol | 783 | 1,394 | 1,838 | 1,993 |
| Jersey | 1,666 | 1,691 | 1,749 | 1,720 |
| Leeds Bradford | 838 | 1,053 | 1,407 | 1,462 |
| London City | 172 | 726 | 1,360 | 1,386 |
| Cardiff | 513 | 1,010 | 1,263 | 1,330 |
| Liverpool | 457 | 620 | 873 | 1,304 |
| Belfast City | 537 | 1,361 | 1,316 | 1,284 |
| Guernsey | 784 | 891 | 964 | 926 |
| Southampton | 428 | 551 | 737 | 755 |
| Teesside | 300 | 444 | 655 | 737 |
| Prestwick | 35 | 522 | 564 | 711 |
| Isle of Man | 473 | 605 | 728 | 701 |
| Humberside | 108 | 279 | 346 | 428 |
| Inverness | 199 | 285 | 341 | 349 |
| Norwich | 175 | 258 | 319 | 343 |
| Exeter | 164 | 205 | 251 | 297 |
| Bournemouth | 125 | 162 | 315 | 279 |
| Sumburgh | 433 | 401 | 306 | 266 |
| Plymouth | 85 | 98 | 140 | 149 |
| Isles of Scilly (St. Marys) | 102 | 125 | 132 | 134 |
| Penzance Heliport | 97 | 106 | 120 | 127 |
| Blackpool | 120 | 85 | 94 | 118 |
| Londonderry | 37 | 64 | 49 | 104 |
| Scatsta | 15 | 79 | 104 | 93 |
| Stornoway | 80 | 94 | 96 | 90 |
| Kirkwall | 102 | 92 | 91 | 88 |
| Sheffield City | — | — | 47 | 75 |
| Alderney | 83 | 84 | 77 | 73 |
| Isles of Scilly (Tresco) | 21 | 26 | 35 | 38 |
| Benbecula | 31 | 38 | 36 | 35 |
| Wick | 31 | 28 | 41 | 34 |
| Dundee | 9 | 13 | 11 | 30 |
| Islay | 20 | 19 | 21 | 21 |
| Cambridge | 26 | 29 | 16 | 14 |
| Campbeltown | — | 7 | 9 | 8 |
| Barra | — | 8 | 9 | 7 |
| Biggin Hill | — | 6 | 7 | 6 |
| Battersea Heliport | 4 | 5 | 4 | 5 |
| Tiree | 5 | 5 | 5 | 5 |
| Hawarden | 1 | — | 6 | 5 |
| Lerwick (Tingwall) | 11 | 4 | 4 | 4 |
| Southend | 21 | 6 | 4 | 3 |
| Lydd | 30 | — | 2 | 3 |
| Coventry | 6 | 3 | 3 | 3 |
| Gloucestershire | 4 | 2 | 2 | 2 |
| Shoreham | 1 | 3 | 2 | 2 |
| Unst | 85 | 18 | 2 | 2 |
| Kent International | 4 | 2 | 2 | 2 |
| Total: All UK airports | 98,301 | 138,665 | 163,031 | 172,368 |

Source: Civil Aviation Authority

Scatsta Airport Traffic

| | 1978 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------------|--------|---------|--------|--------|--------|---------|--------|
| Passengers | 42,601 | 109,063 | 13,157 | 14,495 | 78,807 | 104,356 | 93,171 |
| Aircraft Movements | 1,786 | 5,758 | 2,232 | 630 | 4,461 | 5,188 | 4,580 |

Tingwall Airport Traffic

| | 1978 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------------|-------|--------|--------|--------|-------|-------|-------|
| Passengers | 3,666 | 12,180 | 13,368 | 15,453 | 4,382 | 4,029 | 4,239 |
| Aircraft Movements | 1,442 | 2,815 | 3,333 | 2,917 | 2,582 | 2,439 | 2,395 |

Unst Airport Traffic

| | 1978 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------------|--------|---------|--------|--------|--------|-------|-------|
| Passengers | 25,711 | 120,564 | 97,138 | 85,051 | 17,848 | 1,806 | 1,771 |
| Aircraft Movements | 2,691 | 10,040 | 8,592 | 7,148 | 1,786 | 921 | 752 |

Source: Civil Aviation Authority

Small Airfield Traffic

Passengers

| Airfield | 1978 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------------|-------|-------|-------|-------|-------|-------|-------|
| Fair Isle | 1,021 | 841 | 1,822 | 2,048 | 1,910 | 2,314 | 1,905 |
| Fetlar | 76 | 57 | 60 | n/a | n/a | n/a | n/a |
| Foula | n/a | 1,175 | 1,100 | n/a | 1,344 | 1,098 | 1,380 |
| Papa Stour | n/a | n/a | n/a | n/a | n/a | 254 | 207 |
| Skerries | 150 | 271 | 624 | 900 | 545 | 586 | 660 |
| Whalsay | n/a | 80 | 100 | 360 | n/a | n/a | n/a |

Aircraft Movements

| Airfield | 1978 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------------|------|------|------|------|------|------|------|
| Fair Isle | 300 | 238 | 480 | 610 | 632 | 710 | 592 |
| Fetlar | 72 | 52 | 40 | n/a | n/a | 30 | n/a |
| Foula | 114 | 310 | 304 | 466 | 687 | 470 | 516 |
| Papa Stour | n/a | n/a | n/a | n/a | n/a | 140 | 139 |
| Skerries | 68 | 138 | 302 | 400 | 408 | 480 | 467 |
| Whalsay | 116 | 78 | 70 | 200 | n/a | 208 | n/a |

Sources: Loganair and Department of Infrastructure Services, SIC

Education and Training

Staffing

| | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 | 2000 |
|-----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Nursery Teachers | — | — | — | — | — | 11 | 11 | 11 | 16 |
| Primary Teachers | 91 | 117 | 164 | 150 | 140 | 177 | 184 | 183 | 162 |
| Secondary Teachers | 88 | 124 | 142 | 162 | 189 | 198 | 199 | 190 | 190 |
| Further Education Lecturers | 2 | 4 | 9 | 13 | 18 | 47 | 48 | 55 | 52 |
| Total | 181 | 245 | 315 | 325 | 347 | 433 | 442 | 439 | 420 |

From 1996 FE lecturers include North Atlantic Fisheries College lecturers

Further Education

Students Enrolled on Shetland College Courses

| | 1971 | 76/77 | 81/82 | 86/87 | 91/92 | 96/97 | 98/99 | 99/00 |
|---------------------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Full Time | 20 | 34 | 68 | 113 | 77 | 141 | 173 | 140 |
| Part Time | 20 | 22 | 54 | 62 | 36 | 1,627 | 1,353 | 1,625 |
| Evening Class | 557 | 815 | 1,171 | 1,387 | 1,336 | 1,072 | 1,120 | 1,114 |
| S. Seekers/M. Apprentices | — | — | — | 43 | 101 | 42 | 24 | 19 |
| Total | 597 | 871 | 1,293 | 1,605 | 1,550 | 2,882 | 2,670 | 2,898 |

Source: Shetland College of Further Education

Students Enrolled on North Atlantic Fisheries College Courses

| | 1992 | 1993 | 1994 | 1995 | 1996 | 1998 | 1999 | 2000 |
|------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Business Courses | 0 | 19 | 19 | 49 | 21 | 5 | 0 | 51 |
| Aquaculture Courses | 9 | 24 | 13 | 26 | 25 | 35 | 15 | 39 |
| Fisheries Science | 0 | 0 | 0 | 0 | 10 | 19 | 13 | 4 |
| Marine Engineering | 25 | 24 | 50 | 73 | 68 | 72 | 34 | 80 |
| Maritime Studies | 79 | 180 | 264 | 257 | 381 | 473 | 376 | 363 |
| Processing Courses | 0 | 0 | 46 | 53 | 24 | 17 | 5 | 2 |
| Courses run by Third Parties | 131 | 321 | 267 | 227 | 243 | 258 | 295 | 331 |
| Total | 244 | 568 | 659 | 685 | 772 | 879 | 738 | 870 |

Source: North Atlantic Fisheries College

Secondary Education

| School Roll (January) | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 | 2000 |
|-----------------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aith Junior High | 35 | 65 | 61 | 61 | 61 | 70 | 85 | 85 | 89 |
| Anderson High | 571 | 770 | 915 | 933 | 878 | 855 | 786 | 773 | 777 |
| Baltasound Junior High | 36 | 58 | 75 | 47 | 33 | 55 | 39 | 41 | 38 |
| Brae High | 47 | 68 | 164 | 263 | 211 | 242 | 261 | 266 | 260 |
| Mid Yell Junior High | 43 | 58 | 48 | 56 | 44 | 55 | 51 | 57 | 51 |
| Sandwick Junior High | 55 | 87 | 121 | 130 | 144 | 166 | 143 | 168 | 151 |
| Scalloway Junior High | 72 | 129 | 132 | 144 | 179 | 153 | 152 | 147 | 150 |
| Skerries School | 2 | 6 | 5 | 7 | 2 | 2 | 4 | 6 | 8 |
| Symbister House Junior High | 36 | 54 | 62 | 49 | 45 | 50 | 50 | 53 | 64 |
| Total | 897 | 1,295 | 1,583 | 1,690 | 1,597 | 1,648 | 1,571 | 1,596 | 1,588 |

Primary Education

| School Roll (January) | 1971 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 | 2000 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aith Junior High | 67 | 63 | 52 | 77 | 61 | 58 | 89 | 79 | 69 |
| Baltasound Junior High | 103 | 100 | 106 | 71 | 85 | 72 | 89 | 101 | 82 |
| Bell's Brae Primary | 722 | 790 | 501 | 416 | 357 | 383 | 385 | 389 | 378 |
| Bell's Brae Special | — | — | — | — | — | — | — | — | 23 |
| Brae High | 44 | 68 | 171 | 170 | 139 | 152 | 128 | 121 | 113 |
| Bressay Primary | 24 | 38 | 20 | 21 | 28 | 40 | 40 | 42 | 43 |
| Burra Primary | 16 | — | — | — | — | — | — | — | — |
| Burravoe Primary | 38 | 31 | 36 | 29 | 32 | 26 | 22 | 20 | 15 |
| Cullivoe Primary | 21 | 23 | 24 | 24 | 18 | 15 | 11 | 9 | 7 |
| Cunningsburgh Primary | 56 | 74 | 77 | 59 | 50 | 60 | 68 | 60 | 59 |
| Dunrossness Primary | 123 | 152 | 209 | 149 | 146 | 155 | 168 | 162 | 155 |
| Fair Isle Primary | 3 | 9 | 11 | 8 | 8 | 5 | 7 | 13 | 13 |
| Fetlar Primary | 14 | 6 | 15 | 9 | 7 | 13 | 10 | 8 | 5 |
| Firth Primary | 16 | — | — | — | — | — | — | — | — |
| Foula Primary | 4 | 4 | 7 | 7 | 4 | 5 | 1 | 3 | 2 |
| Gott Primary | 41 | 43 | 52 | 50 | 50 | 39 | 53 | 67 | 71 |
| Gruting Primary | 12 | 11 | 9 | — | — | — | — | — | — |
| Hamnavoe Primary | 64 | 65 | 107 | 110 | 96 | 78 | 71 | 68 | 60 |
| Happyhansel Primary | 43 | 40 | 48 | 55 | 57 | 58 | 54 | 58 | 51 |
| Haroldswick Primary | 38 | 33 | 21 | 30 | 25 | 14 | — | — | — |
| Lunnasting Primary | 20 | 22 | 38 | 26 | 21 | 26 | 24 | 24 | 26 |
| Mid Yell Junior High | 56 | 76 | 65 | 53 | 48 | 47 | 48 | 41 | 46 |
| Mossbank Primary | — | — | 136 | 117 | 70 | 85 | 92 | 98 | 88 |
| North Roe Primary | 17 | 16 | 23 | 17 | 20 | 22 | 16 | 15 | 14 |
| Ollaberry Primary | 18 | 12 | 16 | 29 | 36 | 27 | 27 | 23 | 23 |
| Olnafirth Primary | 19 | 30 | 46 | 44 | 31 | 29 | 27 | 25 | 27 |
| Papa Stour Primary | — | — | 5 | 3 | 4 | 0 | 5 | 6 | 6 |
| Quarff Primary | 17 | 19 | 23 | 21 | 15 | 10 | 9 | 8 | 12 |
| Sandness Primary | 6 | 7 | 15 | 21 | 13 | 17 | 16 | 16 | 12 |
| Sandwick Junior High | 44 | 81 | 96 | 65 | 69 | 86 | 101 | 101 | 87 |
| Scalloway Junior High | 120 | 136 | 150 | 138 | 117 | 96 | 100 | 103 | 98 |
| Skeld Primary | 13 | 26 | 36 | 19 | 14 | 24 | 22 | 24 | 23 |
| Skerries Primary | 16 | 12 | 11 | 8 | 9 | 8 | 7 | 5 | 4 |
| Sound Primary | — | — | 292 | 400 | 354 | 338 | 368 | 346 | 344 |
| South Nesting Primary | 16 | 14 | 26 | 21 | 11 | 14 | 21 | 23 | 27 |
| Symbister House Junior High | 125 | 149 | 146 | 121 | 125 | 110 | 107 | 109 | 104 |
| Urafirth Primary | 26 | 29 | 37 | 33 | 29 | 28 | 29 | 30 | 28 |
| Uyeasound Primary | 21 | 27 | 16 | 8 | 9 | 21 | 24 | 23 | 15 |
| Whiteness Primary | 31 | 56 | 87 | 68 | 85 | 100 | 94 | 93 | 101 |
| Total | 2,014 | 2,262 | 2,730 | 2,505 | 2,243 | 2,261 | 2,333 | 2,313 | 2,231 |

Nursery Education

| School Roll (January) | 1981 | 1991 | 1996 | 1998 | 1999 | 2000 |
|-----------------------------|------------|------------|------------|------------|------------|------------|
| Aith Junior High | 0 | 0 | 14 | 15 | 23 | 24 |
| Baltasound Junior High | 0 | 0 | 0 | 0 | 18 | 29 |
| Bell's Brae | 0 | 64 | 75 | 69 | 73 | 63 |
| Brae High | 51 | 60 | 40 | 32 | 35 | 36 |
| Bressay | 0 | 0 | 0 | 0 | 8 | 12 |
| Dunrossness | 0 | 33 | 31 | 27 | 19 | 28 |
| Fair Isle | 0 | 0 | 0 | 0 | 1 | 0 |
| Fetlar | 0 | 0 | 0 | 0 | 1 | 0 |
| Happyhansel | 0 | 0 | 17 | 20 | 12 | 10 |
| Mossbank | 0 | 23 | 29 | 28 | 24 | 17 |
| Sandwick Junior High | 0 | 38 | 30 | 30 | 24 | 24 |
| Skeld | 0 | 0 | 0 | 0 | 0 | 6 |
| Skerries | 0 | 0 | 0 | 0 | 1 | 0 |
| Sound | 60 | 60 | 58 | 58 | 57 | 59 |
| Symbister House Junior High | 0 | 0 | 19 | 24 | 20 | 21 |
| Urafirth | 0 | 0 | 10 | 13 | 12 | 10 |
| Whiteness | 0 | 0 | 0 | 0 | 0 | 13 |
| Total | 111 | 278 | 323 | 316 | 328 | 352 |

Source: Department of Community Services, SIC

Social Care Provision

The following services are provided by Shetland Islands Council Social Care Services except where stated otherwise:

| | 1996/97 | 1998/99 | 1999/00 |
|---|---------|---------|---------|
| Local Authority Beds for Older People | 53 | 73 | 63 |
| Voluntary Sector Beds for Older People* | 66 | 71 | 81 |
| Day Care Places for Older People** | 58 | 66 | 66 |
| Places in Hostel for Adults with Learning Disabilities | 16 | 4 | 5 |
| Independent Living for Adults with Learning Disabilities | - | 13 | 20 |
| Places in Children's Homes | 5 | 5 | 5 |
| Places for Mentally/Physically Disabled Children - Respite Care | 6 | 6 | 6 |
| Laundries | 4 | 4 | 6 |
| Meals on Wheels Schemes | 27 | 27 | 27 |
| Luncheon Clubs | 3 | 2 | 2 |
| Meals Delivered | 41,292 | 36,289 | 38,330 |
| Home Helps | 246 | 294 | 281 |
| Home Help Clients | 538 | 496 | 482 |
| Community Care Support Clients*** | 52 | 30 | 34 |
| Homes Connected to Community Alarm System | 614 | 657 | 686 |

* Voluntary sector beds for older people are provided by the Shetland Welfare Trust and the Church of Scotland.

** Shetland Welfare Trust care centres provide up to 44 of the day care places for older people.

*** Community Care Support Services are provided by the Shetland Welfare Trust. This service provides support to clients in order to allow them to remain living in their own home.

The Departments of Community Services and Corporate Services jointly manage one scheme of sheltered housing providing 10 places for people who are mentally ill and one scheme of very sheltered housing (16 units) for people aged 60 or over.

Source: Department of Community Services, SIC

Health

Health services in Shetland are provided by Shetland Health Board, which in 1998/99 received a grant of £25,300,000 from the Scottish Office. 1999/2000's allocation is £27,700,000. The Board maintains close links with Grampian Health Board for the provision of specialist services not available in Shetland.

Health Board Expenditure (£ per head of population)

| | 1986/87 | 1991/92 | 1996/97 | 1998/99 |
|------------------|---------|---------|---------|---------|
| Shetland | 312 | 675 | 862 | 939 |
| Scottish average | 392 | 695 | 813 | 890 |

Staffing

| | 1986 | 1991 | 1996 | 1998 | 1999* |
|---|------|------|------|------|-------|
| Hospital - medical and dental | 12 | 15 | 14 | 23 | 16 |
| Hospital nursing staff | 152 | 206 | 193 | 148 | 143 |
| Scientific and professional, PAMS and technical | 37 | 37 | 52 | 56 | 59 |
| Administration and clerical | 43 | 59 | 72 | 77 | 77 |
| Works, trades and ancillary | 102 | 110 | 10 | 10 | 11 |
| General medical practitioners | 20 | 20 | 24 | 24 | 25 |
| Other nursing staff | 42 | 45 | 47 | 54 | 55 |
| Dental practitioners | 4 | 7 | 8 | 9 | 9 |

* Provisional figures

Hospital Activity

| Discharges/Attendances | 1986/87 | 1991/92 | 1995/96 | 1996/97 | 1998/99 |
|-------------------------------------|---------|---------|---------|---------|---------|
| In Patients (all specialities) | 2,015 | 2,105 | 2,509 | 2,411 | 2,561 |
| Day cases | 801 | 974 | 1,092 | 1,119 | 1,144 |
| Accident and Emergency out patients | 2,817 | 7,212 | 7,774 | 7,608 | 7,753 |
| Total out patients (incl A and E) | 10,630 | 18,459 | 19,759 | 19,768 | 20,827 |

Source: Information & Statistics Division, National Health Service in Scotland

Housing

Ownership of dwellinghouses in Shetland

| Type of Dwelling | 1976 | 1981 | 1991 | 1996 | 1998 | 1999 | 2000 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Local Authority and Housing Association | 2,082 | 2,713 | 2,566 | 2,455 | 2,359 | 2,622 | 2,453 |
| Private and others | 5,205 | 5,899 | 6,590 | 7,110 | 7,429 | 7,240 | 7,366 |
| Total | 7,287 | 8,612 | 9,156 | 9,565 | 9,788 | 9,862 | 9,819 |

Source: Assessor & Electoral Registration Office, Lerwick

Leisure Facilities

Leisure Centres

| | 1991/92 | 1996/97 | 1998/99 | 1999/2000 |
|-----------|---------|---------|---------|-----------|
| Clickimin | 160,411 | 191,054 | 197,703 | 204,705 |
| Unst | 52,541 | 49,127 | 53,438 | 53,601 |
| Yell | 38,649 | 37,356 | 42,911 | 40,800 |
| Whalsay | 58,820 | 49,679 | 55,073 | 54,490 |

Swimming Pools

| | 1991/92 | 1996/97 | 1998/99 | 1999/2000 |
|----------------|---------|---------|---------|-----------|
| Lerwick | 133,249 | 177,129 | 169,487 | 169,273 |
| North Mainland | 43,551 | 28,369 | 31,508 | 30,959 |
| Unst* | 11,789 | 9,438 | 10,454 | 12,823 |
| Yell* | 8,393 | 6,875 | 6,530 | 7,476 |
| Whalsay* | 20,928 | 14,842 | 15,767 | 15,616 |
| South Mainland | — | 32,925 | 31,194 | 28,896 |
| Scalloway | — | 33,850 | 35,165 | 35,507 |

* Usage figures included in leisure centre totals.

Source: Shetland Recreational Trust

Community Halls and Community Centres (by community work area)

| | | |
|-------------------------------|----------------------------|------------------------------|
| North Isles | Scalloway Hall | North Nesting Hall |
| North Unst (Haroldswick) Hall | Scalloway Youth Centre | South Nesting Hall |
| Baltasound Hall — Unst | Trondra Hall | |
| South Unst (Uyeasound) Hall | Burra (Hamnavoe) Hall | South Mainland |
| Cullivoe Hall — Yell | Bridge End Hall | Gulberwick Hall |
| Sellafirth Hall — Yell | | Quarff Hall |
| North-a-Voe Hall — Yell | North Mainland | Cunningsburgh Hall |
| Herra Hall — Yell | North Roe and Lochend Hall | Sandwick (Carnegie) Hall |
| Mid Yell Hall | North Roe and Lochend | Sandwick Youth and |
| West Sandwick Hall — Yell | Central Hall | Community Centre |
| North Ness Hall — Yell | Eshanness Community Centre | Bigton Hall |
| Burrae Hall — Yell | Ollaberry Hall | Levenwick Hall |
| East Yell Hall | Hillswick Hall | Dunrossness (Boddam) Hall |
| Fetlar Hall | Mossbank Hall | Virkie (Bruce Memorial) Hall |
| | Mossbank Youth Centre | Fair Isle Hall |
| | Sullom and Gunnister Hall | |
| West Mainland | Brae Hall | Lerwick |
| Sandness Hall | Muckle Roe Hall | North Stoney Hill Hall |
| Aith Hall | Lunnasting Hall | Lerwick Town Hall |
| Bixter Hall | Olnafirth Hall — Voe | Islesburgh Youth and |
| Walls Hall | Symbister Hall — Whalsay | Community Centre |
| Gerमतwatt Youth Centre | Isbister Hall — Whalsay | Sound Hall |
| Gruting Community Centre | Livister Youth Centre — | Bressay Hall |
| Skeld Hall | Whalsay | Sandveien Neighbourhood |
| Whiteness and Weisdale Hall | Skerries Hall | Centre |
| Tingwall Hall | | St Clement's Hall |

Source: Department of Community Services, SIC

Crime

The Shetland Area Command of the Northern Constabulary is run by the Northern Joint Police Committee, administered by Highland Council. In 1999/2000, the requisition from Shetland Islands Council was £1,411,700, and in 2000/01 will be £1,438,500.

Police Stations 1999

Single Officer Police Stations: 5 (Scalloway, Dunrossness, Baltasound, Mid Yell and Whalsay)

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

Shetland Command Area Headquarters: 1 (Lerwick)

Police Establishment

| 1971 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|------|------|
| 21 | 45 | 36 | 36 | 37 | 38 | 38 |

Crimes and Offences reported to the Police

| | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Group 1 | 24 | 24 | 21 | 14 | 24 | 11 |
| Group 2 | 12 | 2 | 3 | 8 | 17 | 21 |
| Group 3 | 352 | 345 | 279 | 347 | 303 | 280 |
| Group 4 | 126 | 133 | 199 | 235 | 205 | 148 |
| Group 5 | 83 | 71 | 53 | 151 | 100 | 127 |
| Group 6 | 422 | 286 | 322 | 471 | 388 | 389 |
| Group 7 | 874 | 926 | 1,278 | 524 | 724 | 716 |
| Total | 1,893 | 1,787 | 2,155 | 1,750 | 1,761 | 1,692 |

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

The detection rate in respect of crimes as detailed in groups 1-5 above was 69.7% in 1999.

Source: Northern Constabulary, Inverness

Coastguard Services

HM Coastguard is part of the Maritime Coastguard Agency (MCA) and is an Executive Agency which discharges the Department of Environment, Transport & the Region's responsibility for maritime search and rescue and counter pollution operations in UK waters. Shetland Maritime Rescue Sub Centre (MRSC), located at the Knab in Lerwick, is manned 24 hours a day by a team of 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 the Coastguard and is available 24 hours a day.

Incidents Co-ordinated by Shetland Coastguard

| 1984 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|------|
| 64 | 62 | 104 | 123 | 146 | 141 |

1999 Statistics

| | | To Vessels: | |
|--------------------|-----|----------------------------|----|
| Persons assisted | 543 | Strandings (grounding) | 4 |
| Persons rescued | 64 | Taking water | 10 |
| Lives lost | 4 | Capsized | 3 |
| | | Sail, gear, mast failure | 3 |
| To Persons: | | Machinery failure | 24 |
| Casevac/Medevac | 35 | Vessels overdue | 6 |
| | | Adverse weather conditions | 6 |
| | | Fire/Explosions | 4 |
| | | Out of fuel | 5 |
| | | Fouled propeller | 8 |
| | | Uncertain position | 6 |
| | | Fishing gear snagged | 1 |
| | | Other | 12 |

Sumburgh Coastguard Helicopter Missions

| 1983 | 1986 | 1991 | 1996 | 1998 | 1999 |
|------|------|------|------|------|------|
| 1 | 37 | 58 | 76 | 88 | 76 |

1999 Helicopter Missions

| | |
|--|----|
| Medevacs | 31 |
| Assistance to offshore installations | 10 |
| Vessels sinking | 5 |
| Vessels afire or missing | 2 |
| Searches (including emergency transmissions) | 15 |
| Vessels aground or adrift | 3 |
| Missing persons | 7 |
| Other | 3 |

Source: Maritime Coastguard Agency, Lerwick

Fire Service

The Fire Service in Shetland is run by the Highland and Islands Fire Brigade, administered by Highland Council. In 1999/2000, the requisition from Shetland Islands Council was £937,803 and in 2000/01 will be £905,710.

Fire Units in Shetland 1999

| Location | Establishment | Appliances |
|--|---------------------------|--|
| Retained: | | |
| Lerwick | 20 + 2 full-time officers | 2 water tender ladders 1 light fire appliance |
| Brae | 18 | 2 water tender ladders |
| Volunteer: | | |
| Baltasound, Mid Yell, Sumburgh, Walls and Whalsay | 12 per unit | 1 light fire appliance, fully equipped with breathing apparatus per unit |
| Foula, Hillswick, Mossbank, Sandwick, Scalloway and Skerries | 12 per unit | 1 light fire appliance per unit |
| Bixter, Bressay, Fair Isle, Fetlar, Hamnavoe and Papa Stour | 12 per unit | 1 portable pump, hose and ancillary equipment |
| Total Retained and Volunteers | 242 | |

Fires Attended

| | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--|------------|------------|------------|------------|------------|------------|
| Chimney fire | 24 | 64 | 66 | 50 | 35 | 20 |
| Special services (pumping out boats, properties, road traffic accidents) | 17 | 9 | 40 | 19 | 25 | 19 |
| Property and small fires | 54 | 42 | 54 | 45 | 58 | 41 |
| False alarms, good intent | 6 | 26 | 42 | 84 | 110 | 90 |
| False alarms, malicious | 2 | 4 | 3 | 22 | 9 | 7 |
| Total | 103 | 145 | 205 | 220 | 237 | 177 |

Source: Highland and Islands Fire Brigade, Inverness

Postal Services

Post Office Employees

| | 1991 | | 1996 | | 1998 | | 1999 | |
|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|
| | Royal Mail Delivery | PO Counters Ltd | Royal Mail Delivery | PO Counters Ltd | Royal Mail Delivery | PO Counters Ltd | Royal Mail Delivery | PO Counters Ltd |
| Full Time Staff | 41 | 7 | 41 | 6 | 41 | 6 | 42 | 6 |
| Part Time Staff | 26 | 1 | 26 | 3 | 27 | 3 | 26 | 3 |
| Sub Postmasters | } { - 29 (FT) | | } { - 20 (FT) | | } { - 19 (FT) | | } { - 19 (FT) | |
| | } { - 23 (PT) | | } { - 27 (PT) | | } { - 25 (PT) | | } { - 23 (PT) | |
| Ancillary Staff | 8 | 0 | 5 | 0 | 4 | 0 | 1 | 0 |
| Total | 75 | 60 | 72 | 56 | 72 | 53 | 69 | 51 |

Sources: Royal Mail and PO Counters Ltd, Lerwick

Letters Posted Weekly

| 1972 | 1977 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 49,866 | 52,602 | 69,400 | 56,000 | 67,317 | 60,660 | 68,000 | 60,000 |

Source: Royal Mail, Lerwick

Television Licences

| 1972 | 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 4,574 | 5,463 | 6,647 | 6,480 | 7,013 | 7,965 | 8,146 | 8,178 |

Source: TV Licensing

Energy

Electricity Consumption Categories (megawatts)

| | 1971* | 1981* | 1985 | 1986 | 1987 | 1988 | 1989 |
|------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Domestic | n/a | n/a | 9,741 | 9,845 | 9,975 | 10,130 | 10,278 |
| Farms | n/a | n/a | 55 | 62 | 67 | 79 | 87 |
| Industrial | n/a | n/a | 1 | 1 | 1 | 1 | 2 |
| Construction | n/a | n/a | 4 | 7 | 15 | 6 | 17 |
| Other Commercial | n/a | n/a | 880 | 892 | 899 | 898 | 898 |
| Miscellaneous | n/a | n/a | 12 | 35 | 47 | 50 | 76 |
| Total | 7,169 | 10,211 | 10,693 | 10,842 | 11,004 | 11,164 | 11,358 |

* Breakdown of consumers in these categories available from 1985 to 1989 only

Electricity Generation

| | 1971/72 | 1981/82 | 1991/92 | 1996/97 | 1998/99 | 1999/2000 |
|-------------------------------------|------------|-------------|-------------|-------------|-------------|-------------|
| Units Generated (kilowatt hours) | 32,319,000 | 143,539,222 | 170,023,850 | 203,300,000 | 210,214,410 | 214,094,990 |
| Maximum demand (megawatts) | 11.69 | 36.0 | 41.2 | 40.2 | 41.4 | 43.2 |

Electricity Distribution (km)

| | 1971 | 1981 | 1991 | 1996 | 1998 | 1999 |
|--------------------------------|-------|-------|-------|-------|-------|-------|
| 33,000 Volt overhead lines | 24.7 | 98.0 | 128.3 | 133.0 | 133.0 | 133.0 |
| 33,000 Volt underground cables | 0.0 | 3.7 | 11.6 | 11.6 | 11.6 | 12.6 |
| 11,000 Volt overhead lines | 705.9 | 756.2 | 843.0 | 879.0 | 887.0 | 890.0 |
| 11,000 Volt underground cables | 15.1 | 65.5 | 99.3 | 111.0 | 120.0 | 130.0 |
| Low Voltage overhead lines | 340.1 | 345.6 | 324.5 | 294.0 | 282.0 | 240.0 |
| Low Voltage underground cables | 18.9 | 65.6 | 122.7 | 163.0 | 179.0 | 219.0 |

Figures from 1991 onwards are approximations only

Source: Scottish Hydro-Electric, Lerwick

Water and Wastewater Services

Water and wastewater services in Shetland are provided by the North of Scotland Water Authority, which took over responsibility from Shetland Islands Council on 1 April 1996. The North of Scotland Water Authority was established under the Local Government etc (Scotland) Act 1994 as a public corporation of a trading nature and formally constituted by the Secretary of State for Scotland on 17 July 1995. The Shetland Area office of the Authority is located at Green Head, Lerwick.

Water Supplied (millions of litres)

| 1976 | 1981 | 1986 | 1991 | 1996 | 1998 | 1999 |
|-------|-------|-------|-------|-------|-------|-------|
| 2,627 | 4,964 | 4,607 | 4,691 | 3,990 | 3,939 | 3,952 |

The Water Supply (Water Quality) (Scotland) Regulations came into force in 1990. Many thousands of water samples are now taken throughout Shetland during each year. These are analysed and compared against a number of different parameters.

Microbiological Quality (percentage compliance)

| 1991 | 1996 | 1998 | 1999 |
|-------|-------|-------|-------|
| 97.20 | 99.18 | 99.87 | 99.81 |

Distribution

| | 1998 | 1999 |
|---|-------|-------|
| Water connections: | | |
| Domestic | 9,436 | 9,502 |
| Non-domestic | 1,103 | 1,119 |
| Sewer connections: | | |
| Domestic | 6,636 | 6,701 |
| Non-domestic | 704 | 712 |
| Length of water mains (km) | 998 | 1,005 |
| Length of sewers (km) | 362 | 365 |
| Wastewater Treatment Plants (inc. septic tanks) | 59 | 60 |

The Authority maintains a programme for the decommissioning of small and inefficient rural waterworks and for the linking of these supply zones to larger works such as Lerwick (Sandy Loch) or Northmavine (Eela Water). This ensures better control of water quantity and quality.

The next stage of this programme, commencing in 2000, is to extend the Lerwick supply zone to Sumburgh. This will allow for the decommissioning of a further four works. A strategy for the North Isles is under consideration.

| | 1981 | 1996 | 1998 | 1999 |
|---|------|------|------|------|
| Water Treatment Works (excluding rechlorination stations) | 28 | 18 | 18 | 18 |

Source: North of Scotland Water Authority, Lerwick

Conservation

Buildings of Special Architectural or Historic Interest

Scottish Ministers compile 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 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.

| | Cat. A | Cat. B | Cat. C(s) | Total | List Published |
|-------------------------|-----------|------------|------------|------------|----------------|
| Bressay | 1 | 10 | 3 | 14 | 26/03/97 |
| Delting | 0 | 10 | 4 | 14 | 26/03/97 |
| Dunrossness | 4 | 18 | 8 | 30 | 26/03/97 |
| Fetlar | 0 | 3 | 3 | 6 | 30/03/98 |
| Lerwick | 3 | 57 | 47 | 107 | 12/08/96 |
| Lerwick Landward | 0 | 1 | 1 | 2 | 26/03/97 |
| Nesting | 0 | 14 | 8 | 22 | 30/03/98 |
| Northmavine | 0 | 10 | 8 | 18 | 26/03/97 |
| Sandsting and Aithsting | 2 | 7 | 6 | 15 | 26/03/97 |
| Tingwall | 2 | 10 | 29 | 41 | 28/07/00 |
| Unst | 3 | 10 | 12 | 25 | 30/03/98 |
| Walls and Sandness | 0 | 13 | 10 | 23 | 30/03/98 |
| Yell | 2 | 10 | 18 | 30 | 30/03/98 |
| Total | 17 | 173 | 157 | 347 | |

Conservation Areas

Conservation Areas are areas of architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. The designation recognises the value of groups of buildings and their settings and allows them to be treated as a whole. Within Conservation Areas planning authorities must ensure that strict and appropriate standards of development control are maintained and that positive plans are prepared for the preservation and enhancement of the area. The Council, as Planning Authority, has designated three Conservation Areas in Shetland: Lerwick Lanes Outstanding Conservation Area (designated in 1975); Lerwick New Town Conservation Area (1986); and Scalloway Conservation Area (1984).

Scheduled Ancient Monuments

Scottish Ministers maintain a schedule of ancient monuments of national importance and publishes a list of them from time to time. The only Scottish category not represented in Shetland is for Roman monuments.

Ancient Monuments

There were 353* scheduled ancient monuments as at 31 March 1999 in the following categories:

| | |
|-------------------------------------|-----|
| Prehistoric: ritual and funerary | 93 |
| Prehistoric: domestic and defensive | 198 |
| Crosses and carved stones | 1 |
| Ecclesiastical | 19 |
| Secular | 39 |
| Industrial | 13 |

* Some monuments appear in more than one category. Eight monuments are in the care of the Scottish Ministers.

Source: Department of Infrastructure Services, SIC

Archaeology

Shetland Amenity Trust maintains the Shetland Sites and Monuments Record, a record of all the known sites in Shetland. The record is constantly expanding, both as the result of survey work being carried out by the Trust's Archaeology team, visiting universities, and reports from the general public. The record incorporates sites of all periods, up to and including the crofting period, the Second World War and the Cold War.

The current number of recorded archaeological sites is 6001.

These include:

| | |
|----------------------|-----|
| Broch/possible broch | 138 |
| Burnt mounds | 324 |
| Chambered cairns | 115 |
| Viking/Norse houses | 44 |
| Souterrains | 21 |
| Military remains | 348 |
| Fishing Stations | 23 |
| Wheelhouses | 5 |

Excavation in 2000 was carried out at Old Scatness (broch and Iron Age village); St Ninian's Isle (chapel site); Burland, Trondra (Pictish site); and Cruester, Bressay (burnt mound).

| | |
|------------------------------------|------------|
| Visitor numbers to Old Scatness in | 1998: 3802 |
| | 1999: 5182 |
| | 2000: 6615 |

Source: Shetland Amenity Trust

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): | Herma Ness (Seabird Colony) | 980.3 ha |
| | Keen of Hamar (Serpentine Flora) | 51.3 ha |
| | Noss (Seabird Colony) | 313.0 ha |

78 Sites of Special Scientific Interest (SSSI)

| | | |
|---------------------------------|-------------------------------|---------------------------|
| Geology – 31 sites | Marsh and Meadow – 4 sites | Rare Plants – 5 sites |
| Geomorphology – 7 sites | Limestone Grassland – 1 site | Seabirds – 9 sites |
| Montane Habitats – 1 site | Sand Dune Flora – 2 sites | Moorland Birds – 11 sites |
| Serpentine Vegetation – 4 sites | Trees and Woodland – 4 sites | Wildfowl – 3 sites |
| Other Heathland – 4 sites | Intertidal Habitats – 6 sites | Aquatic Fauna – 3 sites |
| Peatland – 4 sites | Aquatic Flora – 6 sites | Mammals – 3 sites |

Note: Some sites are notified for more than one feature of interest.

10 of the ornithological sites are also designated as Special Protection Areas under the EC Birds Directive. A further 9 sites have been put forward as candidate Special Areas of Conservation under the EC Habitats & Species Directive.

Total area covered by statutory conservation sites is 16,988 hectares which represents 11.6 per cent of the total area of Shetland.

Approximate area coverage:

| | | | |
|---------------------|------|---|------|
| Foula – 2 sites | 100% | Noss – 1 site | 100% |
| Fetlar – 6 sites | 70% | Mainland & uninhabited islands | |
| Fair Isle – 1 site | 66% | – 45 sites (1 shared with Yell) | 9% |
| Papa Stour – 1 site | 79% | Yell – 7 sites (1 shared with Mainland) | 4% |
| Unst – 15 sites | 21% | Muckle Roe – 1 site | 0.1% |







Wildlife

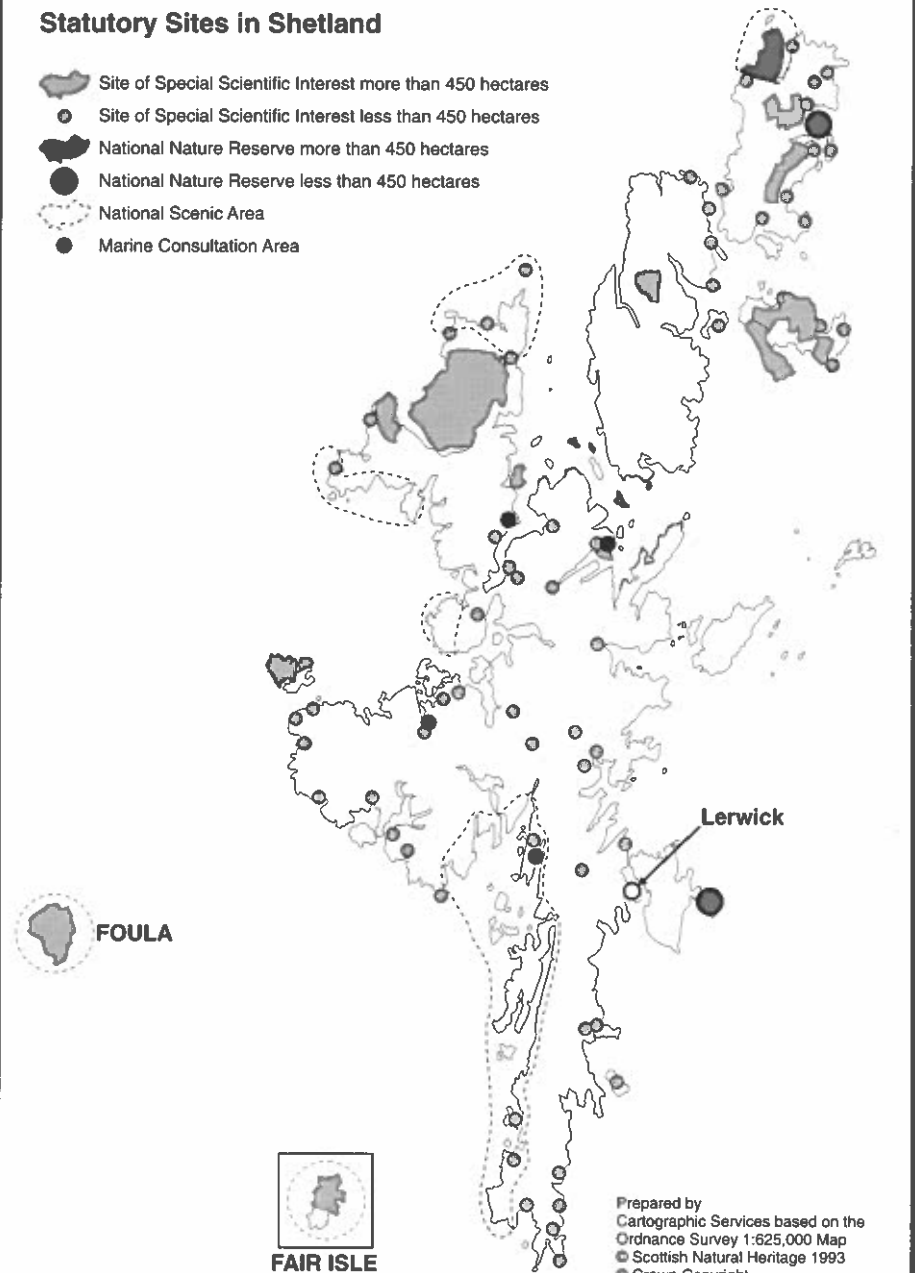
Latest population estimates for selected species are as follows:

| Species | Population | Proportion of GB population |
|--------------------------------|------------------------------------|-----------------------------|
| Red-necked Phalarope | 30-40 pairs | 95% |
| Whimbrel (tang-whaup) | 500 + pairs | 95% |
| Great Skua (bonxie) | 6,000 pairs | 76% |
| Arctic Skua (skootie alan) | 1,900 pairs | 61% |
| Red-throated Diver (raingoose) | 400 pairs | 50% |
| Arctic Tern (terrick) | 30,000 pairs | 40% |
| Fulmar (maalie) | 250,000 + pairs | 35% |
| Black Guillemot (tystie) | 12,000 adults | 30% |
| Shag (skarf) | 6,000 pairs | 27% |
| Puffin (tammie norie) | 100,000 pairs | 20% |
| Gannet (solan) | 17,000 pairs | 16% |
| Grey Seal (selkie) | 3,500 individuals (excluding pups) | 18% |
| Otter (dratsie) | 800 - 1,000 individuals | 12% |
| Common Seal (selkie) | 6,000 + individuals | 3% |

Source: Scottish Natural Heritage, Lerwick

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



Electoral Statistics

European Assembly Election results in the Scottish Region:

JUNE 1999

| | |
|--------------------------------------|---------|
| Labour Party | 283,490 |
| Scottish National Party (SNP) | 268,528 |
| Scot Conservative and Unionist Party | 195,296 |
| Scottish Liberal Democrats | 96,971 |
| Scottish Green Party | 57,142 |
| Scottish Socialist Party | 39,720 |
| Pro Euro Conservative | 17,781 |
| UK Independence Party | 12,549 |
| Socialist Labour Party | 9,385 |
| British National Party | 3,729 |
| Natural Law Party | 2,087 |
| Charles F Y Lawson | 1,632 |

Total Electorate: 3,999,623

(Voting in the UK Parliamentary
Constituency of Orkney & Shetland)

| | |
|--------------------------------------|-------|
| Scottish Liberal Democrats | 2,233 |
| Scottish National Party (SNP) | 1,571 |
| Scot Conservative and Unionist Party | 1,336 |
| Labour Party | 1,097 |
| Scottish Green Party | 732 |
| Scottish Socialist Party | 200 |
| UK Independence Party | 162 |
| Pro Euro Conservative Party | 156 |
| Socialist Labour Party | 52 |
| British National Party | 31 |
| Natural Law Party | 28 |
| Charles F Y Lawson | 14 |

Electorate: 32,470 (Shetland: 16,978; Orkney: 15,492)

Scottish MEPs: David Martin (Labour Party), Ian Hughton (SNP), Struan Stevenson (Conservative & Unionist Party), William Miller (Labour Party), Donald MacCormick (SNP), John Purvis (Conservative & Unionist Party), Elspeth Attwooll (Scottish Liberal Democrats), Catherine Stihler (Labour Party)

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

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 |
| Lib Dem Majority | 5,033 |

Electorate: 31,472
(Shetland: 16,235; Orkney: 15,237)

MAY 1997

| | |
|---------------------------------|--------|
| James Wallace (Lib Dem) | 10,743 |
| James Paton (Lab) | 3,775 |
| Willie Ross (SNP) | 2,624 |
| Hope Anderson (Con) | 2,527 |
| Francis Adamson (Referendum) | 820 |
| Christian Wharton (Natural Law) | 116 |
| Arthur Robertson (Independent) | 60 |
| Lib Dem Majority | 6,968 |

Electorate: 32,291
(Shetland: 17,015; Orkney: 15,276)

Scottish Referendum:

SEPTEMBER 1997

Votes cast in Shetland:

| | |
|--|------------------------------|
| "I agree that there should be a Scottish Parliament" | 5,430 (62.38% of votes cast) |
| "I do not agree that there should be a Scottish Parliament" | 3,275 (37.62% of votes cast) |
| "I agree that a Scottish Parliament should have tax varying powers" | 4,478 (51.61% of votes cast) |
| "I do not agree that a Scottish Parliament should have tax varying powers" | 4,198 (48.39% of votes cast) |

Scottish Parliamentary Election results in the Shetland Constituency:

MAY 1999

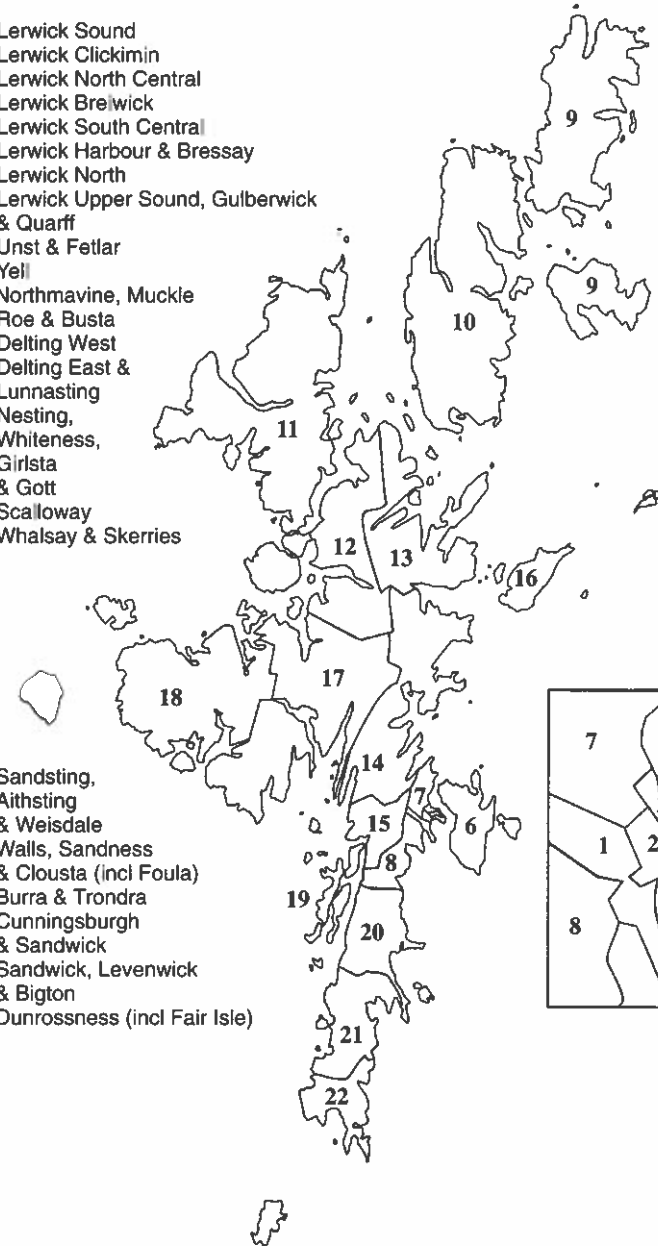
| | |
|--|-------|
| Tavish Scott (Scottish Liberal Democrat) | 5,435 |
| Jonathan Wills (Scottish Labour Party) | 2,241 |
| Willie Ross (SNP) | 1,430 |
| Gary Robinson (Scottish Conservative & Unionist Party) | 872 |
| Scottish Liberal Democrat majority | 3,194 |

Electorate: 16,978

Source: Department of Corporate Services, SIC

Local Government Electoral Divisions

- 1 Lerwick Sound
- 2 Lerwick Clickimin
- 3 Lerwick North Central
- 4 Lerwick Breiwick
- 5 Lerwick South Central
- 6 Lerwick Harbour & Bressay
- 7 Lerwick North
- 8 Lerwick Upper Sound, Gulberwick & Quarff
- 9 Unst & Fetlar
- 10 Yell
- 11 Northmavine, Muckie Roe & Busta
- 12 Delting West
- 13 Delting East & Lunnasting
- 14 Nesting, Whiteness, Girlsta & Gott
- 15 Scalloway
- 16 Whalsay & Skerries



- 17 Sandsting, Aithsting & Weisdale
- 18 Walls, Sandness & Clousta (incl Foula)
- 19 Burra & Trondra
- 20 Cunningsburgh & Sandwick
- 21 Sandwick, Levenwick & Bigton
- 22 Dunrossness (incl Fair Isle)

Shetland Islands Council

Members (May 1999 – May 2002)

| Ward | Councillor |
|--|---|
| 1 Lerwick Sound | Christine M Begg , 10 Westerloch Brae, Lerwick (Scottish Liberal Democrat) (Electorate 599. Elected unopposed) |
| 2 Lerwick Clickimin | William N Stove , 1 Lovers Loan, Lerwick (Independent) (Electorate 771. Elected unopposed) |
| 3 Lerwick North Central | Alexander J Cluness , 5 Twageos Road, Lerwick (Scottish Liberal Democrat) (Electorate 811. 425 votes: 52% poll – 65% of votes cast) |
| 4 Lerwick Breiwick | Cecil B Eunson , Uradale, East Voe, Scalloway (Independent) (Electorate 839. 550 votes: 66% poll – 60% of votes cast) |
| 5 Lerwick South Central | Leslie Angus , 12 Lovers Loan, Lerwick (Scottish Liberal Democrat) (Electorate 823. Elected unopposed) |
| 6 Lerwick Harbour & Bressay | Robert I Black , Melview, Bressay (Electorate 721. 496 votes: 69% poll – 45% of votes cast) |
| 7 Lerwick North | Robert J Anderson , 54 Breiwick Road, Lerwick (Scottish Liberal Democrat) (Electorate 673. 342 votes: 51% poll – 67% of votes cast) |
| 8 Lerwick Upper Sound, Gulberwick & Quarff | Peter Malcolmson , Skersund, Upper Sound, Lerwick (Scottish Liberal Democrat) (Electorate 890. Elected unopposed) |
| 9 Unst & Fetlar | James M Ritch , Flat 1, Muckle Flugga Shore Stn., Haroldswick, Unst (Scottish Liberal Democrat) (Electorate 690. 445 votes: 64% poll – 57% of votes cast) |
| 10 Yell | John P Nicolson , 10 Gibblestone Road, Scalloway (Scottish Liberal Democrat) (Electorate 818. Elected unopposed) |
| 11 Northmavine, Muckle Roe & Busta | William H Manson , Mangaster, Sullom (Independent) (Electorate 726. 469 votes: 65% poll – 54% of votes cast) |
| 12. Delting West | William A Ratter , Gaets-A-Voe, Ollaberry (Electorate 735. Elected unopposed) |
| 13 Delting East & Lunnasting | Mary U Colligan , Venndal, Voe (Independent) (Electorate 759. 447 votes: 59% poll – 54% of votes cast) |
| 14 Nesting, Whiteness, Girlsta & Gott | James C Irvine , 20 Twageos Road, Lerwick (Electorate 849. Elected unopposed) |
| 15 Scalloway | Iris J Hawkins , 48 Sycamore Avenue, Scalloway (Independent) (Electorate 875. 526 votes: 60% poll – 50% of votes cast) |

| Ward | Councillor |
|------------------------------------|--|
| 16 Whalsay & Skerries | Loretta Hutchison , Da Ankerhus, Mill Park, Hillhead, Symbister, Whalsay (Independent) (Electorate 848. Elected unopposed) |
| 17 Sandsting, Aithsting & Weisdale | Florence B Grains , Hoove, Whiteness (Independent) (Electorate 984. Elected unopposed) |
| 18 Walls, Sandness & Clousta | Frank A Robertson , Columbus, Selivoe, Bridge of Walls (Scottish Liberal Democrat) (Electorate 669. 409 votes: 61% poll – 70% of votes cast) |
| 19 Burra & Trondra | Charles A Goodlad , Cutts, Trondra (Electorate 770. 450 votes: 58% poll – 60% of votes cast) |
| 20 Cunningsburgh & Sandwick | Thomas W Stove , Nordaal, Setter, Sandwick (Independent) (Electorate 765. 506 votes: 66% poll – 56% of votes cast) |
| 21 Sandwick, Levenwick & Bigton | William Tait , Bonavista, East Ireland, Bigton (Independent Liberal Democrat) (Electorate 765. 537 votes: 70% poll – 37% of votes cast) |
| 22 Dunrossness | Gordon G Mitchell , Thistles, Bigton (Independent) (Electorate 769. 494 votes: 64% poll – 54% of votes cast) |

Shetland Islands Council Departments

Chief Executive: Morgan Goodlad, Town Hall, Lerwick

| Department/Service | Executive Director/ Director | Head of Service | Address |
|--|---------------------------------|--------------------|---|
| Department of Community Services | Jacqui Watt | | Hayfield House, Hayfield Lane, Lerwick |
| Community Development Services | | R George Smith | Hayfield House, Hayfield Lane, Lerwick |
| Education Services | | Malcolm Payton | Hayfield House, Hayfield Lane, Lerwick |
| Housing Services | | Chris Medley | Fort Road, Lerwick |
| Department of Corporate Services | Andrew Matthews | | Breiwick House, 15 South Road, Lerwick |
| Central Services | | Deborah Lamb | Gremista, Lerwick |
| Finance Services | | Graham Johnston | Breiwick House, 15 South Road, Lerwick |
| Legal & Administrative Services | | Jan Riise | 4 Market Street, Lerwick |
| Development Department | Alvin Bashforth | | Green Head, Lerwick |
| Department of Infrastructure Services | Graham Spall | | Grantfield, Lerwick |
| Public Protection Services | | R Jonathan Barrett | Grantfield, Lerwick |
| Roads Service | | Ian Halcrow | Grantfield, Lerwick |
| Transport & Environment Services | | Alastair Hamilton | Grantfield, Lerwick |
| Waste Management Services | | Stephen Cooper | Grantfield, Lerwick |
| Marine Operations Department | Capt George Sutherland | | Port Administration Building, Sella Ness, Sullom Voe |

Shetland Islands Council Finance

| Services Provided by Shetland Islands Council | 1999/2000 | | | 2000/01 (Budget) | | |
|--|-----------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|---------------------------|
| | Revenue Expend. £'000 | Capital Charges £'000 | Total Expend. £'000 | Revenue Expend. £'000 | Capital Charges £'000 | Total Expend. £'000 |
| GENERAL FUND EXPENDITURE | | | | | | |
| Development | 2,150 | 381 | 2,531 | 2,307 | 380 | 2,687 |
| Education/Community Services | 26,203 | 3,770 | 29,973 | 28,060 | 4,093 | 32,153 |
| Environment and Transportation | 13,647 | 3,732 | 17,379 | 13,266 | 5,358 | 18,624 |
| Housing | 1,123 | 13 | 1,136 | 1,269 | 28 | 1,297 |
| Marine Operations | 6,817 | 0 | 6,817 | 7,227 | 0 | 7,227 |
| Policy and Resources | 8,286 | (15,165) | (6,879) | 6,472 | (2,118) | 4,354 |
| Social Work | 7,896 | 373 | 8,269 | 8,456 | 352 | 8,808 |
| Committee Expenditure | 66,122 | (6,896) | 59,226 | 67,057 | 8,093 | 75,150 |
| Source of Finance: | | | | | | |
| Revenue Support Grant | | | (48,222) | | | (48,483) |
| Non-Domestic Rates | | | (6,067) | | | (7,440) |
| Council Tax | | | (4,163) | | | (4,710) |
| Contributions and Balances | | | (9,469) | | | (14,517) |
| General Fund Balance | | | (8,695) | | | 0 |
| HARBOUR ACCOUNT EXPENDITURE | | | | | | |
| Harbour Operations | 15,117 | 2,182 | 17,299 | 16,401 | 4,497 | 20,898 |
| Source of Finance: | | | | | | |
| Tanker Traffic | | | (7,738) | | | (8,215) |
| Mooring Charges | | | (380) | | | (446) |
| Boarding and Landing | | | (440) | | | (518) |
| Pilotage | | | (946) | | | (954) |
| Grants and Reimbursements | | | (3) | | | (3) |
| Other Income | | | (7,792) | | | (10,762) |
| Harbour Account Balance | | | 0 | | | 0 |
| HOUSING REVENUE ACCOUNT EXPENDITURE | | | | | | |
| Housing Services | 3,437 | 5,891 | 9,328 | 3,427 | 6,343 | 9,770 |
| Source of Finance: | | | | | | |
| Housing Support Grant | | | (2,708) | | | (3,025) |
| Rents and Other Client Income | | | (5,235) | | | (5,344) |
| Financing and Contributions | | | (1,385) | | | (1,401) |
| Housing Revenue Account Balance | | | 0 | | | 0 |

Source: Department of Corporate Services, SIC

Rating and Valuation

| | Non-Domestic | Rate per £ Domestic | Water | Total Non-Domestic R/V | Total Rateable Value £ |
|---|-------------------------|---------------------------------|---------------|---------------------------|---------------------------|
| 1976/77 | 140p | 113p | 20p | n/a | 463,641 |
| 1981/82 | 79p | 76p | 10p | n/a | 31,129,489 |
| 1986/87 | 59p | 52p | 3.5p | 63,333,199 | 66,465,033 |
| * Revaluation: 1 April 1978 and 1985, as well as 1990 and 1995. | | | | | |
| | 1996/97* | 1998/99 | 1999/2000 | 2000/01 | |
| | Pence per £ | Pence per £ | Pence per £ | Pence per £ | |
| Non-Domestic Rates | | | | | |
| General | 44.90 | 47.40 | 48.90 | 45.80 | |
| Water | 9.75 | 10.43 | 9.72 | 9.60 | |
| Sewerage | 8.06 | 8.62 | 6.12 | 8.04 | |
| Total | 62.71 | 66.45 | 64.74 | 63.44 | |
| | 1996/97* | 1998/99 | 1999/2000 | 2000/01 | |
| | Pence per £ | Pence per £ | Pence per £ | Pence per £ | |
| Non-Domestic Rates | | | | | |
| General | 443.21 | 558.00 | 621.00 | 684.00 | |
| Sewerage | 65.50 gross 4.50 net | 80.00 gross 60.52 net | 90.60 | 134.20 | |
| Water | 116.00 | 110.00 | 119.15 | 165.38 | |
| Total | 563.71 | 728.52 | 830.75 | 983.58 | |
| * Water and sewerage services passed to North of Scotland Water Authority on 1 April 1996. Domestic sewerage charges were subject to transitional relief grants, hence the gross and net figures given above for 1996/97 – 1998/99. | | | | | |
| Council Tax 2000/01 | | | | | |
| Band | Property Value | General Fund Council Tax (£) | | | |
| A | Up to £27,000 | 456.00 | | | |
| B | £27,001 – £35,000 | 532.00 | | | |
| C | £35,001 – £45,000 | 608.00 | | | |
| D | £45,001 – £58,000 | 684.00 | | | |
| E | £58,001 – £80,000 | 836.00 | | | |
| F | £80,001 – £106,000 | 988.00 | | | |
| G | £106,001 – £212,000 | 1,140.00 | | | |
| H | Over £212,001 | 1,368.00 | | | |

Source: Department of Corporate Services, SIC

Community Councils

| Community Council | Clerk | Tel. |
|---------------------------------------|---|-----------------------|
| Aithsting & Sandsting | Ms Laurena Fraser, West Burrafirih, Bridge of Walls | (01595) 809203 (Home) |
| Bressay | Mrs Sharon Anderson, 1 Roadside, Bressay | (01595) 820757 (Home) |
| Burra & Trondra | Mrs Joyce Adamson, 12 Atlaness, Hamnavoe, Burra | (01595) 859426 (Home) |
| Delting | Mrs Vera Clark, Braehead, Mossbank | (01806) 242282 (Home) |
| Dunrossness | Mrs Nancy Heubeck, Mansefield, Skelberry, Dunrossness | (01950) 460304 (Home) |
| Fetlar | Ms Brenda Thomason, Tresta, Fetlar | (01957) 733221 (Home) |
| Gulberwick, Quarff & Cunningsburgh | Mr Robert Jarmson, Meal, Cunningsburgh | (01950) 477259 (Home) |
| Lerwick | Mrs Morag MacLeod, Community Council Office, Stouts Court, Lerwick | (01595) 692447 |
| Nesting & Lunnasting | Mrs Marion Stonehouse, Kirkabister, Vidlin | (01806) 577283 (Home) |
| Northmavine | Mrs Frances Williamson, Kenika, Ollaberry | (01806) 544211 (Home) |
| Sandness & Walls | Ms Laurena Fraser, West Burrafirih, Bridge of Walls | (01595) 809203 (Home) |
| Sandwick | Mrs Rosemary Inkster, Wainui, Hoswick, Sandwick | (01950) 431284 (Home) |
| Scalloway | Mrs Sandra Reynolds 12 Berry Road, Scalloway | (01595) 880429 (Home) |
| Skerries | Mrs Marina Tait Emhoruo, East Isle, Skerries | (01806) 515245 (Home) |
| Unst | Mrs Josie McMillan Rockfield, Haroldswick, Unst | (01957) 711554 (Home) |
| Whalsay | Mrs Hazel Simpson, Old Haa, Symbister, Whalsay | (01806) 566224 (Home) |
| Whiteness, Weisdale & Tingwall | Mrs Thelma Jamieson, Varhjem, Upper Strand, Gott | (01595) 840489 (Home) |
| Yell | Mrs Patricia Odie, Kirkbrae, Burravoe, Yell | (01957) 722315 (Home) |

Association of Shetland Community Councils Secretary & Treasurer: Mrs Wendy Fraser,
11 Mounthooly Street, Lerwick (01595) 693816

Source: Department of Corporate Services, SIC

Culture and Media

Best Sellers 2000

Shetland Interest Books

- 1 Around Shetland: A Picture Guide**
Various
- 2 A Peerie Peek at da Past**
Hobbin, Agnes
- 3 House of Busta:
Its Triumphs & Tragedies**
Peterson, D Hilda
- 4 As Time Goes By**
Strachan, David
- 5 Images of Shetland**
Jackson, Bill
- 6 A Useful Peerie Book of
Shetland Sayings**
Deyell, Bertie
- 7 Walking the Coastline of Shetland:
No. 6 – South Mainland**
Guy, Peter
- 8 Rural Life in Shetland**
Tait, Ian
- 9 Toons and Tenants: Settlement &
Society in Shetland, 1299-1899**
Smith, Brian
- 10 Along the Road: One Man's Century**
Irvine, James W

Source: Shetland Times Bookshop

Shetland CD and Music Cassette Local Retail Sales

- 1 Indigo Skies**
Shoormal
- 2 Hamnataing**
Fiddlers' Bid
- 3 Another Gem**
Aly Bain & Phil Cunningham
- 4 Bold**
Catriona MacDonald
- 5 Under Canvas**
Various
- 6 Shetland Folk Festival
– 20 Years On**
Various
- 7 Yul, Hallimas & the Dead of Winter**
Laurence Tulloch
- 8 XS – Sessions**
Various
- 9 Time & Tide**
Filiska
- 10 Willie's Last Session**
Cullivoe Dance Band

Source: Shetland Arts Trust

Media

| | Av. Sales per Issue | | |
|-----------------------|---------------------|--------|---------------------|
| The Shetland Times | Weekly | 11,062 | (Jan – Jun '00) |
| Shetland Fishing News | Monthly | 1,650 | (Jan – Dec '00) |
| Shetland Life | Monthly | 2,438 | (Nov '99 – Sep '00) |
| Shetland Post | Monthly | n/a | |
| New Shetlander | Quarterly | 1,900 | (Jan – Dec '00) |

Sources: Shetland Fishing News; The Shetland Times and Shetland Council of Social Service

Local Radio

| | |
|--|-----------------|
| BBC Radio Shetland | 5 nights weekly |
| SIBC (Shetland Islands Broadcasting Company) | 24 hr |

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 0AJ. Tel: (01595) 695531. Fax: (01595) 692897. E-mail: bookshop@shetland-times.co.uk

General Interest

| | | £ |
|-----------------|--|------|
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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 | 1.016 |
| 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 | $C = \frac{5(F-32)}{9}$ |