

Shetland in Statistics



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Cover photograph: A busy scene during the European Fireball Championships 2003 held in July. Photo: Keith Morrison

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USE LOCATION MAP
(as last year)

with these new lines:-

Lerwick is Lat 60°09' N
Lon 01°09' W

Shetland: Physical Characteristics

Distance by road in kilometres (miles) from Lerwick:

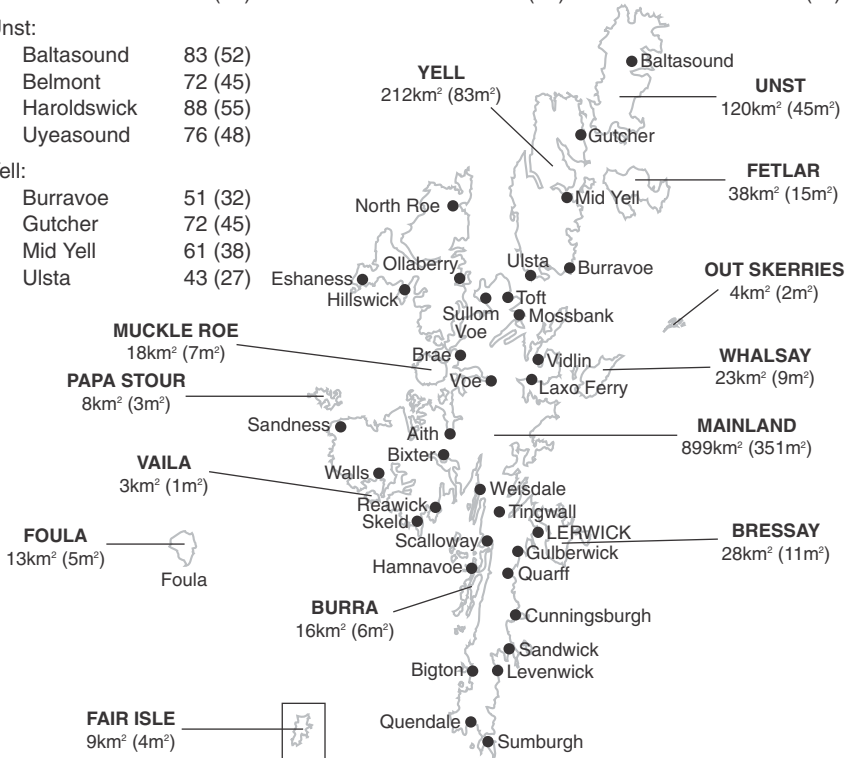
Aith	34 (21)	Laxo Ferry	35 (22)	Scalloway	13 (8)
Bigton	30 (19)	Levenwick	28 (18)	Skeld	40 (25)
Bixter	27 (17)	Mossbank	43 (27)	Sullom Voe	46 (29)
Brae	35 (22)	North Roe	61 (38)	Sumburgh	40 (25)
Cunningsburgh	18 (11)	Ollaberry	53 (33)	Tingwall	10 (6)
Eshaness	62 (39)	Quarff	11 (7)	Toft Ferry	43 (27)
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+

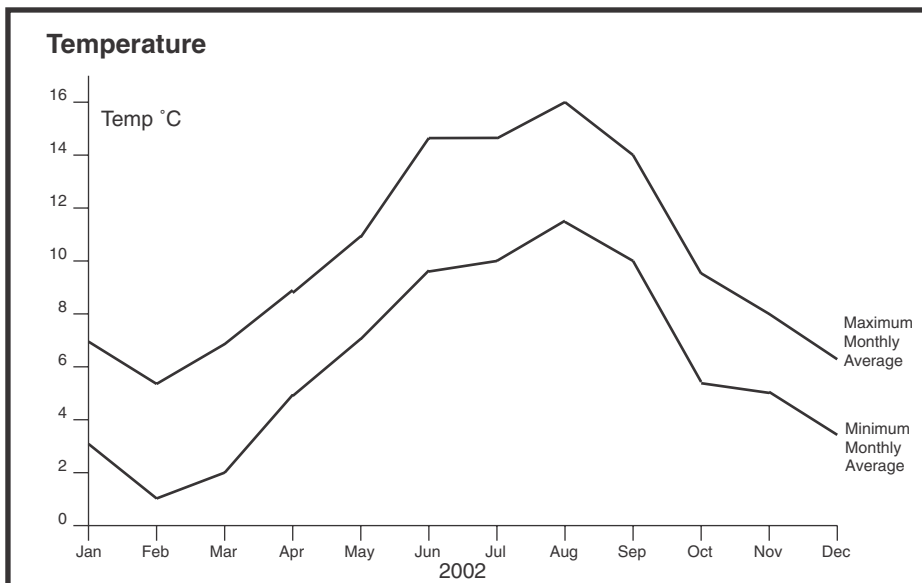
Number of inhabited islands: 15

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 2002 are as follows:

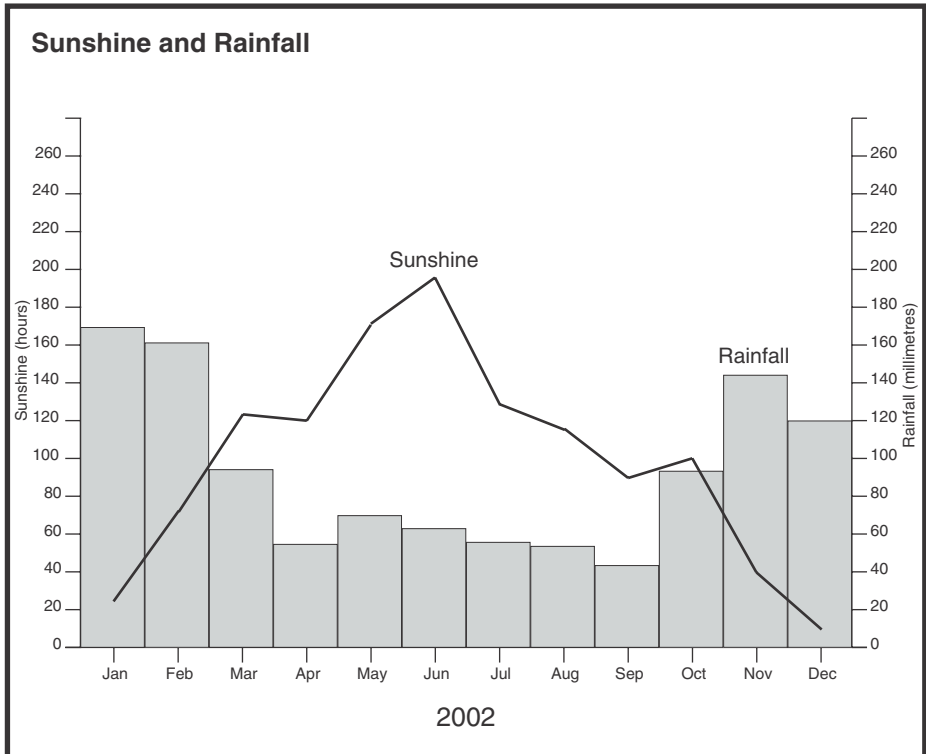
Temperature (°C)

Month	2002 Monthly Average		Mean (1961-1990)		Extreme Daily Values (1922-1998)	
	Max	Min	Max	Min	Max (Year)	Min (Year)
Jan	7.0	3.2	5.3	1.2	11.7 ('32,'50,'98)	-8.9 ('52,'59)
Feb	5.5	1.2	5.1	1.1	11.7 ('45)	-7.3 ('80)
Mar	6.9	2.1	6.0	1.6	13.3 ('61)	-8.3 ('47)
Apr	8.8	4.8	7.7	2.7	16.1 ('42)	-5.7 ('68)
May	10.9	6.9	10.0	5.2	20.7 ('92)	-2.8 ('23)
Jun	14.6	9.7	12.5	7.5	23.3 ('58)	-0.6 ('24,'29,'31,'51)
Jul	14.6	10.0	13.7	9.1	23.4 ('91)	3.3 ('21)
Aug	15.9	11.6	14.1	9.5	21.5 ('82)	1.7 ('21)
Sep	13.9	10.0	12.3	8.0	19.4 ('53)	-0.6 ('54)
Oct	9.4	5.4	10.2	6.3	17.2 ('55)	-3.3 ('48)
Nov	7.9	5.1	7.2	3.1	13.9 ('46)	-5.7 ('62)
Dec	6.2	3.5	6.0	1.8	12.2 ('48)	-8.3 ('61)
Year	10.1	6.2	9.2	4.8		



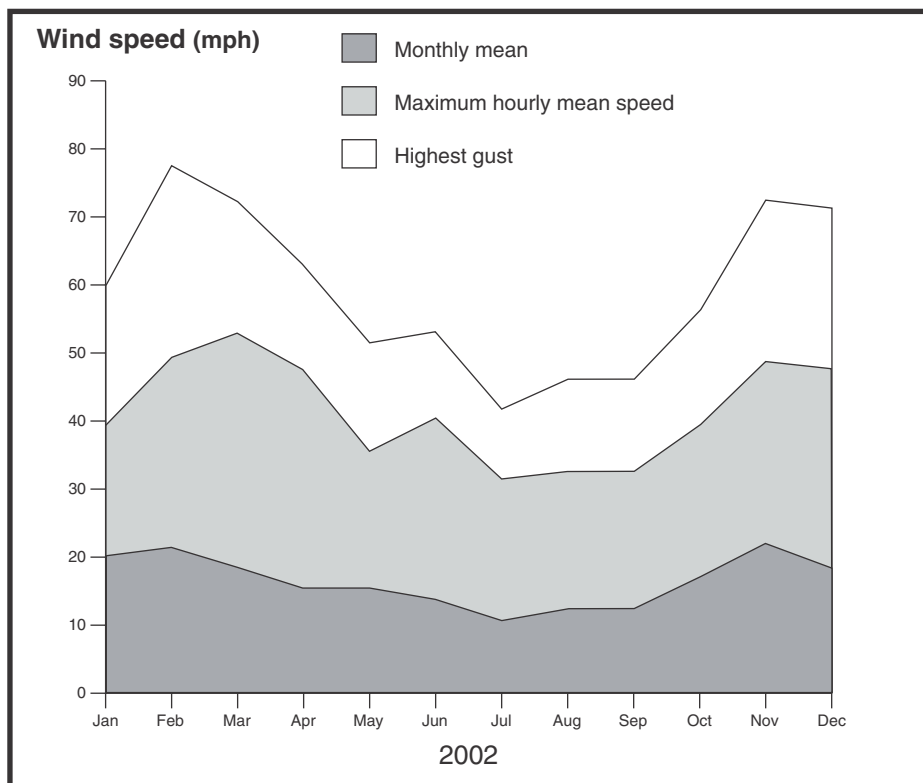
Sunshine and Rainfall (Monthly Totals)

	Sunshine (hours)			Rainfall (millimetres)		
	2002	Mean (1961-1990)	Extreme daily values (1922-1999)	2002	Mean (1961-1990)	Extreme daily values (1922-1999)
Jan	22.0	22.0	6.5 ('39)	170	133	43 ('37)
Feb	72.0	52.5	9.8 ('40)	161	93	47 ('51)
Mar	122.7	85.3	11.6 ('64)	95	115	47 ('52)
Apr	120.1	132.4	14.8 ('26)	55	73	37 ('40)
May	170.0	147.1	16.2 ('40,'57,'80)	70	62	50 ('66)
Jun	196.4	150.9	17.4 ('34)	63	62	37 ('81)
Jul	129.3	123.3	16.6 ('35)	57	64	94 ('35)
Aug	115.8	124.0	15.1 ('38)	55	77	47 ('45,'94)
Sep	89.2	94.4	13.0 ('24)	44	118	51 ('54)
Oct	99.7	60.5	10.1 ('37)	94	136	61 ('81)
Nov	41.4	31.2	6.8 ('61,'67)	144	143	71 ('49)
Dec	11.3	13.4	5.1 ('57)	120	144	68 ('95)
Year	1,189.9	1,037.0		1,128	1,220	



Wind Speed (mph)

	Monthly mean	Maximum hourly mean speed		Highest gust		
	2002	2002	Speed (1922-1999)	Year	Speed (1922-1999)	Year
Jan	20.1	39.1	73.7	('53,'61)	59.8	109.4 ('60,'92)
Feb	21.3	49.5	64.5	('57,'81)	77.1	95.6 ('43,'57)
Mar	18.3	52.9	61.0	('67)	72.5	88.7 ('67)
Apr	15.9	47.2	63.3	('57)	63.3	89.8 ('57)
May	15.9	35.7	50.7	('82)	51.8	74.9 ('82)
Jun	14.2	40.3	48.4	('55)	52.9	70.2 ('55)
Jul	11.9	32.2	46.1	('40)	42.6	70.2 ('64)
Aug	12.8	33.4	56.4	('23)	46.0	79.4 ('23)
Sep	12.8	33.4	67.9	('78)	46.0	100.2 ('63)
Oct	17.0	39.1	66.8	('65)	56.4	103.6 ('80)
Nov	22.2	48.3	58.7	('38,'73)	72.5	92.1 ('36,'38)
Dec	18.4	47.2	66.8	('49)	71.3	103.6 ('56)



Climatic Conditions 2002 (days)

	Rain	Hail or Ice Pellets	Snow or Sleet	Air Frost	Thunder	Gales	Fog
Jan	24	5	9	4	0	2	0
Feb	27	15	24	9	0	11	0
Mar	21	13	17	8	0	8	0
Apr	20	3	1	1	0	4	0
May	20	1	1	0	0	0	2
Jun	17	0	0	0	0	1	1
Jul	22	0	0	0	0	0	1
Aug	20	0	0	0	1	0	2
Sep	19	0	0	0	1	0	2
Oct	29	14	7	0	0	2	0
Nov	23	2	0	1	0	3	0
Dec	27	5	4	1	0	5	0
Total	269	58	63	24	2	36	8

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 2002

Temperature (°C)

Maximum	7 June	20.2°C
Minimum	25 January	-4.0°C

Sunshine (hours)

Sunniest Day	7 June	16.5 hours
Sunniest Month	June	196.4 hours

Rainfall (millimetres)

Wettest Day	26 January	23.6 mm
Wettest Month	February	161.11 mm
Driest Month	September	44.4 mm

Wind Speed (mph)

Highest Gust	2 February	77.05 mph
Windiest Month	February	11 gale days

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	
	2001	2002		2001	2002	2001	2002
Jan	334	343	330.4	292	276	380	414
Feb	357	387	358.5	273	320	501	471
Mar	408	393	383.3	329	308	487	507
Apr	395	385	387.9	340	330	438	460
May	366	365	376.1	315	313	440	425
Jun	382	347	358.5	340	296	449	391
Jul	358	333	341.2	320	291	395	393
Aug	327	303	322.1	267	272	377	335
Sep	290	272	299.4	261	226	353	325
Oct	293	289	286.8	267	259	352	352
Nov	275	304	279.3	223	274	327	358
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 became fairly stable. However, the 2001 Census recorded a significant decrease in population.

Population Breakdown by Age and Sex

Age group	1971			1981			1991			2001		
	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	669	659	1,328
5-9	715	680	1,395	901	881	1,782	815	743	1,558	813	721	1,534
10-14	620	595	1,215	959	913	1,872	903	837	1,740	820	822	1,642
15-19	585	550	1,135	907	846	1,753	831	790	1,621	700	605	1,305
20-24	610	515	1,125	886	791	1,677	838	757	1,595	645	546	1,191
25-29	565	530	1,095	1,006	852	1,858	883	785	1,668	695	656	1,351
30-34	505	470	975	1,052	874	1,926	857	792	1,649	792	778	1,570
35-39	485	465	950	857	782	1,639	917	795	1,712	883	843	1,726
40-44	475	445	920	706	577	1,283	933	787	1,720	802	772	1,574
45-49	565	515	1,080	571	518	1,089	767	713	1,480	862	767	1,629
50-54	405	495	900	503	520	1,023	614	556	1,170	888	737	1,625
55-59	530	555	1,085	542	516	1,058	500	491	991	715	660	1,375
60-64	490	610	1,100	385	488	873	439	454	893	537	516	1,053
65-69	440	580	1,020	443	510	953	415	474	889	420	448	868
70-74	345	450	795	371	512	883	295	439	734	335	406	741
75-79	205	355	560	239	411	650	261	396	657	260	407	667
80-84	120	245	365	157	259	416	165	314	479	139	277	416
85 +	60	160	220	64	191	255						
85-89							72	182	254	78	188	266
90 +							24	61	85	18	109	127
Total	8,430	8,895	17,325	11,437	11,331	22,766	11,359	11,163	22,522	11,071	10,917	21,988

Sources: Population Census

Population of Shetland by Area based on Census

	1931	1961	1971	1981	1991	2001
Bressay	452	269	258	334	352	384
Burra	767	648	565	850 *	929	850
Delting	958	701	718	2,211	1,976	1,734
Dunrossness	1,089	857	907	1,591	1,502	1,471
Fair Isle	108	64	65	69 *	67	69
Fetlar	217	127	96	101	90	86
Foula	118	54	33	45 *	42	32 *
Gulberwick/Quarff	1,518	385	171	579 *	398	662
Lerwick	4,221	5,913	6,028	6,899	7,336	6,830
Nesting	822	434	426	506	512	570
Northmavine	1,343	816	734	898	878	841
Papa Stour	100	55	24	35 *	35 *	24
Sandsting	1,552	957	912	1,002	891	945
Sandwick/Cunningsburgh	1,507	1,172	1,120	1,303 *	1,352	1,432
Scalloway**	n/a	n/a	n/a	1,160	802	812
Skerries	110	108	100	88 *	87	76
Tingwall	1,440	1,603	1,680	1,080	1,431	1,722
Trondra	91	20	17	88	117	133
Unst	1,341	1,151	1,163	1,140	1,055	720
Walls and Sandness	884	561	516	573	554	601
Whalsay	900	764	871	1,025	1,041	1,034
Yell	1,883	1,155	1,178	1,191	1,075	957
Total	21,421	17,814	17,582	22,768	22,522	21,988

* Estimated

** From 1931 to 1971 the population figures for Scalloway are included in the figures for Tingwall.

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

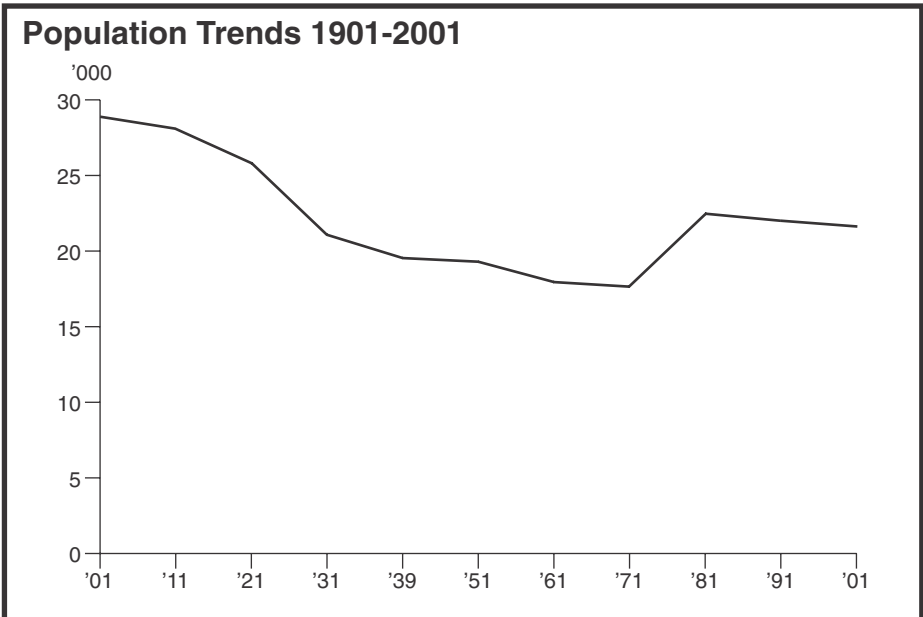
1981 Census – Resident Population **excluding** absent households.

1991/2001 Census – Resident Population **including** absent households.

Population by Doctor Registration Areas (July)

	1991	1996	1999	2000	2002
Unst	900	862	794	716	672
Yell	1,158	1,133	1,058	1,034	1,036
Whalsay	1,136	1,110	1,091	1,093	1,094
Northmavine	700	676	697	699	671
Brae	2,775	2,733	2,508	2,444	2,358
Walls	665	695	671	685	672
Bixter	1,047	1,085	1,062	1,035	1,045
Levenwick	2,429	2,386	2,294	2,234	2,200
Scalloway	2,677	2,670	2,638	2,580	2,591
Lerwick	9,373	9,617	9,562	9,622	9,590
Total	22,860	22,967	22,375	22,142	21,929

Source: Shetland Health Board



Source: General Register Office, Scotland

Economy and Industry

Economic Performance

The last 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 2000 and 2001. Figures for catching and processing increased although salmon production fell slightly.

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

	1996	1998	1999	2000	2001
Oil Production Operations	50.4	57.8	53.7	53.0	116.1
Combined Fisheries Output	97.8	156.3	185.9	202.8	223.9
Agriculture	14.3	12.0	11.8	11.7	12.4
Knitwear	4.0	5.4	4.9	5.0	2.5
Tourism	11.3	12.8	14.4	12.0	12.75
Shetland Islands Council	111.1	103.5	112.7	124.7	150.5
Total	288.9	347.8	383.4	409.2	518.1

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. Operations significantly increased in 2001 due to the Gas Plant Overhaul and Oil Recovery programme which took place at the Sullom Voe Oil Terminal.

Traditional Industry Output Values (£ m)

	1982/83	1985/86	1992	1998	1999	2000	2001
Fish Catching	11.2	17.0	20.0	156.3	185.9	202.8	223.9
Fish Processing	12.7	15.0	25.0				
Salmon Farming	0.0	3.3	33.0				
Agriculture	5.8	7.8	11.0	12.0	11.8	11.7	12.4
Knitwear	4.2	6.4	4.0	5.4	4.9	5.0	2.5
Tourism	3.5	5.9	10.0	12.8	14.4	12.0	12.75
Total	37.4	55.4	103.0	186.5	217.0	231.5	251.6

Source: Economic Development Unit, SIC & Review of the Shetland Economy, AB Associates Ltd.

Employment

Economic Activity in Shetland

	1981			1991			2001		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
A	11,437	11,331	22,768	11,359	11,163	22,522	11,071	10,917	21,988
B	8,511	8,493	17,004	8,653	8,633	17,286	8,100	7,598	15,698
C	7,056	3,901	10,957	6,906	4,541	11,447	6,569	5,220	11,789
D	6,721	3,743	10,464	6,382	4,309	10,691	6,337	5,043	11,380
E	335	158	493	387	149	536	218	159	377
F	82.9%	45.9%	64.4%	79.8%	52.5%	66.2%	84.1%	68.7%	75.1%

A – Total Population (Census); B – 1981 & 1991 - Total Population 16+; 2001 - Total Population 16-74;
 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	2000	2001	2002
Shetland %	3.8	3.5	5.3	6.3	3.6	3.8	2.9	1.4	1.8
Actual Figures Jan:	360	n/a	402	805	354	438	390	266	199
July:	170	n/a	457	771	314	466	401	192	240
Orkney %	3.9	3.4	9.0	11.7	5.5	4.3	2.2	2.2	1.9
Western Isles %	18.0	14.5	20.1	19.1	14.5	10.6	6.9	4.9	5.2
Aberdeen %						3.7	2.2	1.7	1.6
Aberdeenshire %	3.7*	3.3*	7.6*	8.8*	4.0*	4.2	3.2	2.1	2.0
Scotland %	5.5	6.7	13.5	14.0	9.0	7.7	4.8	4.2	4.1

* Prior to 1996 these figures refer to Grampian Region.
 Source: Employment Service, Aberdeen

School Leavers' Main Destinations 2001/02

School	Full-time Higher Education	Full-time Further Education	Training	Employment	Other*	Total Leavers
Aith Junior High	0	0	0	5	2	7
Anderson High	73	16	0	90	19	198
Baltasound Junior High	0	0	0	3	0	3
Brae High	10	7	0	32	7	56
Mid Yell Junior High	0	0	0	3	0	3
Sandwick Junior High	0	1	0	7	2	10
Scalloway Junior High	0	3	0	8	0	11
Skerries School	0	0	0	0	0	0
Symbister Junior High	0	0	0	5	0	5
Total	83	27	0	153	30	293
% Leavers	28.3	9.2	0	52.2	10.3	100.0

* Includes unemployed

Source: Shetland Careers Service

Employment in Shetland

	1971(a)	1977(b)	1981(c)	1983(d)	1991(d)	1997(d)	2000(d)	2003(e)
Primary	279	322	938	1,276	1,258	1,465	1,055	819
Manufacturing	1,335	1,125	940	923	1,121	1,322	1,052	1,105
Construction	489	1,004	906	763	817	946	1,375	928
Services	2,885	4,400	6,189	5,779	5,817	8,125	8,416	9,396
Self Employed	1,445	1,450	1,452	1,455	1,691	–	–	–
Total	6,433	8,301	10,425	10,196	10,704	11,858	11,898	12,248

Statistics for Self-Employed are now included in the figures for Primary, Manufacturing, Construction and Services.

These figures do not include agricultural employment.

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

Employment Distribution (June 2003) *

Area	Employees				Subtotals					
	Male		Female		Male	Female	FT	PT	Total	FTE**
	FT	PT	FT	PT						
Bressay	46	8	8	18	54	26	54	26	80	63
Burra & Trondra	55	30	8	20	85	28	63	50	113	80
Delting	819	140	244	242	959	486	1,063	382	1,445	1,090
Dunrossness	124	35	69	119	159	188	193	154	347	244
Fetlar	3	4	8	11	7	19	11	15	26	16
Gulb, Quarff & Cunn †	54	8	7	58	62	65	61	66	127	83
Lerwick	2,636	599	1,767	2,180	3,235	3,947	4,403	2,779	7,182	5,329
Nesting & Lunnasting	38	7	13	15	45	28	51	22	73	58
Northmavine	54	15	21	89	69	110	75	104	179	110
Sandness & Walls	96	17	40	103	113	143	136	120	256	176
Sandsting & Aithsting	161	22	58	87	183	145	219	109	328	255
Sandwick	62	20	40	57	82	97	102	77	179	128
Scalloway	213	32	157	135	245	292	370	167	537	426
Skerries	22	7	4	16	29	20	26	23	49	34
Ting, White & Weis Σ	123	31	31	68	154	99	154	99	253	187
Unst	150	39	74	138	189	212	224	177	401	283
Whalsay	193	23	33	100	216	133	226	123	349	267
Yell	130	34	45	115	164	160	175	149	324	225
Total	4,979	1,071	2,627	3,571	6,050	6,198	7,606	4,642	12,248	9,054

* It is important to note that this table reflects the areas where respective companies and organisations are based, not necessarily where employees are based.

** Full-Time Equivalent jobs – 3 PT jobs = 1 FTE

† Gulberwick, Quarff and Cunningsburgh

Σ Tingwall, Whiteness and Weisdale

Source: Economic Development Unit, SIC

Fisheries

Fish Landings in Shetland

	White Fish		Shell Fish		Sandeels	
	Tonnes	£	Tonnes	£	Tonnes	£
1971	17,954	1,057,691	783	159,370	0	0
1976	13,457	2,587,548	588	202,339	18,548	515,398
1981	11,444	3,212,175	695	328,200	40,731	1,173,560
1986	18,941	9,979,705	736	630,639	11,960	359,162
1991	10,603	10,823,185	1,004	1,402,010	8,249	392,776
1993	12,633	11,670,477	1,020	1,374,362	2,943	123,949
1995	12,851	13,207,665	1,727	2,145,969	4,506	249,584
1996	15,810	13,090,578	1,725	1,784,000	9,008	489,110
1997	11,165	10,300,370	2,037	2,469,971	13,276	738,763
1998	9,076	10,164,827	1,774	2,143,127	11,585	732,075
1999	15,807	11,586,405	1,674	2,027,324	6,775	282,638
2000	18,499	12,185,057	1,573	1,591,563	9,654	399,949
2001	10,868	12,739,484	1,234	1,633,827	1,264	55,081

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 2001 (all vessels)

Species	Weight (Tonnes)	Value (£)	Species	Weight (Tonnes)	Value (£)
Anglerfish (Monks)	1,325	3,753,661	Megrims	221	306,407
Argentines (Silver Smelt)	3	930	Nephrops (Norway Lobster)	122	464,459
Capelin	2,107	189,630	Other flatfish	13	11,754
Catfish	37	57,485	Other or mixed Demersal	38	18,499
Cod	1,983	3,115,230	Plaice	189	120,921
Crabs - Brown (Edible)	316	259,611	Pollack (Lythe)	86	107,867
Crabs - Green	<1	10	Redfish	48	44,242
Crabs - Velvet (Swim)	75	81,290	Roes	3	3,557
Dabs	<1	76	Saithe (Coalfish)	588	245,494
Dogfish - Spur	70	101,505	Sandeels	1,264	55,081
Eels - Conger	<1	112	Scallops	485	668,454
Forkbeard	1	717	Scallops - Queen	18	10,991
Haddock	2,880	2,768,423	Sharks	3	3,070
Hake	29	38,706	Skates and Rays	167	114,610
Halibut	6	18,372	Sole - Lemon	94	157,178
Halibut - Greenland	13	22,587	Squid	34	51,968
Herring	12,087	2,977,278	Turbot	10	50,601
John Dory	<1	255	Tusk	42	28,071
Ling	469	577,374	Whelks	181	64,077
Ling - Blue	2	1,707	Whiting	1,206	1,001,226
Lobsters	3	32,967	Whiting - Blue	26,959	1,300,709
Mackerel	25,374	11,014,650	Witches	83	64,699
Mackerel - Horse	157	11,600	Total	78,795	29,918,111

Herring		Mackerel		Other Pelagic	
Tonnes	£	Tonnes	£	Tonnes	£
22,813	584,148	190	3,296	116	2,126
4,010	461,243	775	38,623	973	64,895
871	57,158	826	49,560	0	0
51,230	5,216,706	226	29,558	313	31,302
41,684	3,963,148	38,514	4,829,790	5,124	284,674
32,310	3,392,744	59,871	7,547,925	27,514	1,331,573
61,826	6,048,796	38,533	5,805,839	15,884	841,889
27,440	2,286,944	5,995	1,957,673	20,004	1,184,439
12,937	1,151,724	15,927	6,453,913	20,345	1,270,919
9,144	956,238	21,601	9,515,169	29,844	1,918,362
16,221	1,539,071	15,765	3,725,092	33,560	1,337,352
11,390	1,113,585	21,862	5,838,570	25,733	1,083,675
12,087	2,977,278	25,374	11,014,650	29,266	1,502,869

All Fish Landed in Shetland 2001

	Demersal		Pelagic		Shell Fish	
	Tonnes	£	Tonnes	£	Tonnes	£
Jan	623	863,398	3,872	1,215,323	85	125,370
Feb	848	1,064,997	7,197	1,276,219	72	122,885
Mar	660	776,561	13,225	1,033,793	71	90,126
Apr	1,221	1,427,486	10,026	470,258	114	107,056
May	1,598	1,319,203	1,631	78,451	124	127,680
Jun	806	1,022,104	6	3,483	122	139,518
Jul	810	1,045,516	6,227	1,193,235	114	163,419
Aug	1,114	1,111,167	5,808	1,459,219	107	116,523
Sep	1,005	1,266,395	2,230	546,147	143	164,258
Oct	899	1,099,765	8,959	4,465,184	113	156,606
Nov	667	916,115	7,085	3,542,411	93	143,497
Dec	617	876,786	422	211,073	75	176,529
Total	10,868	12,789,493	66,688	15,494,796	1,233	1,633,467

Included in Whitefish Total

	1991		1996		2000		2001	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
Cod	2,220	2,744,602	3,683	3,200,233	1,582	2,719,376	1,983	3,115,230
Haddock	2,140	2,447,125	3,347	1,952,526	2,564	2,933,975	2,880	2,768,423
Whiting	2,463	1,437,210	1,790	966,244	1,651	1,161,436	1,206	1,001,226
Monkfish	1,429	3,554,426	2,676	5,047,928	1,034	3,086,589	1,325	3,753,661

Average Quay Prices per tonne (£)

	1981	1986	1991	1996	2000	2001
Cod	337.31	828.42	1,236.31	868.92	1,718.42	1,570.87
Haddock	274.25	565.40	1,143.52	583.37	1,144.17	961.40
Whiting	270.31	506.43	583.52	539.80	703.64	830.47
Monkfish	584.69	1,507.60	2,487.35	1,886.37	2,984.64	2,833.34

Total Wet Fish Landed in Shetland

	1981	1986	1991	1996	2000	2001
Tonnes	53,872	74,839	104,187	78,627	77,484	77,556
£	4,492,453	15,547,208	21,338,570	20,907,671	20,220,888	28,284,281

Landings by Shetland Vessels outwith Shetland

	1971	1976	1981	1986	1991	1996	2000	2001
Tonnes	3,322	1,250	28,805	39,735	38,953	63,375	67,273	61,210
£	382,056	289,064	2,741,617	5,554,051	8,077,129	20,727,987	21,308,538	23,075,860

Distribution of Licensed Vessels by District

	1971	1976	1981	1986	1991	1996	2000	2001	
Creek 1 — South Mainland			13	13	11	5	3	13	17
Creek 2 — Lerwick/Bressay			13	20	17	13	7	39	43
Creek 3 — Whalsay						22	21	37	44
Creek 4 — Out Skerries			49	53	33	4	4	8	8
Creek 5 — Yell/Fetlar/Unst			29	26	14	7	5	25	21
Creek 6 — Northmavine			14	15	7	4	4	8	11
Creek 7 — Central Mainland			—	—	—	0	5	8	16
Creek 8 — West Mainland			30	32	28	17	10	28	26
Creek 9 — Scalloway/Burra/Trondra			68	61	45	41	32	60	56
Total			216	220	155	113	91	226	242

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
2000	23	37	182	242
2001	23	35	177	235

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

Employment in the Shetland Fishing Industry *

	1971	1976	1981	1986	1991	1996	2000	2001
Catching	636	652	542	507	458	502	372	352 **
Ancillary	171	225	243	265	330	301	232 *	220 *
Total	807	877	785	772	788	803	604	572

* Some fishermen serve on more than one vessel

** 261 are classed as full-time employed, 91 as part-time employed

* Figures were obtained using multipliers from Fraser & Allander Input-Output Table, 1999.

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

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			
	1996	2000	2001	2002	1996	2000	2001	2002	1996	2000	2001	2002
Belgium	2	1	0	1	3	1	0	2	12	11	0	7
Denmark	31	25	14	21	52	42	22	52	141	185	125	176
Eire	0	0	3	1	26	7	5	8	60	21	38	38
Faroe	3	0	2	0	8	4	9	5	12	7	20	31
France	19	17	20	28	58	34	41	39	154	141	116	183
Germany	17	13	11	11	30	14	15	7	78	68	66	62
Iceland	0	0	0	0	1	0	0	0	4	4	3	3
Netherlands	6	10	8	5	3	24	16	20	16	41	30	38
Norway	74	71	49	47	134	196	125	106	419	364	296	392
Spain	0	0	0	0	0	0	0	2	2	2	2	5
Sweden	0	1	0	0	1	10	4	2	8	33	28	44
UK	301	209	321	200	1,047	974	1,273	933	3,608	2,679	2,967	2,480
Other	0	0	0	0	1	2	3	1	4	21	10	5
Total	453	347	428	314	1,364	1,308	1,513	1,177	4,518	3,577	3,701	3,464

Source: Scottish Fisheries Protection Agency

Fish Processing

Fish Processing

	1977	1981	1986	1991	1996	2000	2001	2002
Firms	11	10	11	14	16	23	20	17
Factories	15	13	14	15	17	21	21	21

Processing Lines

	1977	1981	1986	1991	1996	2000	2001	2002
White Fish	11	10	12	5	6	10	10	7
Herring and Mackerel	3	2	1	1	1	7	7	7
Fish Meal Plants	3	1	2	1	1	1	1	1
Shellfish	3	2	2	3	3	8	8	7
Salmon	0	0	0	7	6	14	14	12
Smoking	3	2	2	3	3	6	7	7

Value (estimated turnover £ m)

	1991	1996	1999	2000	2001
	25.00	51.50	78.44	89.84	102.00

Source: Shetland Fish Processors' Association

Employment

	1977	1981	1986	1991	1996	1999	2001
Full-time	967	480	567	578	328	600	448
Part-time					234	230	209
Total	967	480	567	578	562	830	657

Sources: Shetland Fish Processors' Association, Shetland Fisheries Training Association and Economic Development Unit, SIC

Aquaculture

Salmon Farms

	1984	1986	1991	1996	2001	2002
Companies Established	5	13	0	1	0	0
Companies Producing	4	27	59	46	46	46
Total	9	40	59	47	46	46

Production

	1984	1986	1991	1996	2000	2001
Smolts Introduced (x000)	294	935	4,643	6,234	15,098	17,395
Production (tonnes)	50	1,500	10,614	19,710	35,369	43,871
Average Tonnes per Farm	13	56	180	428	769	954

Value

	1984	1986	1991	1996	2000	2001	2002
Production value (£m)	0.22	6	33	37	77.2	68.9	76.8
Average per Tonne (£)	4,400	3,787	3,146	1,878	2,183	1,571	1,600

Employment

	1986	1991	1996	2000	2001	2002
Direct	158	304	323	379	387	389
Ancillary	168	482	360	574	659	758
Total	326	786	683	953	1,046	1,147

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

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
	2000	258	77	43,133	129	7,189	3.7	16,360	4.5	19,584	4.1
	2001	227	52	39,745	142	4,905	3.7	16,441	4.3	18,269	4.4
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
	2000	1,141	256	128,959	92	45,229	3.6	44,374	4.2	36,323	4.3
	2001	1,066	191	138,520	110	42,066	3.8	54,473	4.7	40,754	4.5

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

Agriculture

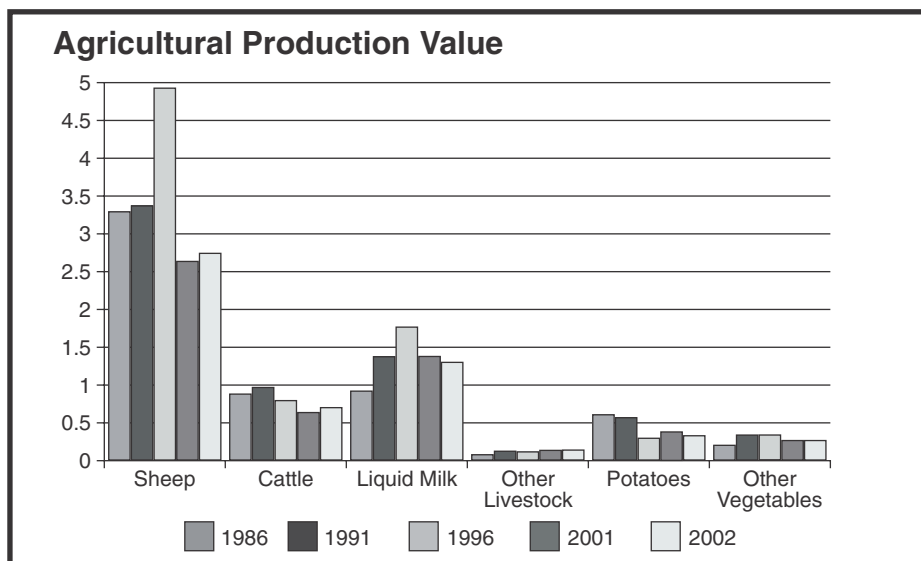
Main and Minor Holdings

	1971	1981	1991	1996	2001	2002
Land Use (ha):						
Tillage	1,410	1,062	740	423	437	447
Grassland and Crops	8,407	8,400	14,304	19,047	22,016	22,612
Rough/Common Grazing	129,019	133,160	130,943	126,853	124,021	126,246
Total Area Rented	38,130	36,046	36,781	40,244	43,060	43,393
Total Area Owned	28,161	30,368	33,840	34,454	35,622	36,851
No of Holdings	2,439	2,240	2,311	2,219	78,682	80,245
No of Common Grazings	93	93	100	100	141	142
Area Under Crops (ha):						
Grass (excl Rough Grazings)	6,998	7,338	13,563	18,623	21,580	22,166
Barley and Oats	857	511	214	82	50	49
Turnips and Swedes	134	103	106	61	40	41
Kale and Cabbage	73	34	30	15	15	12
Potatoes	256	232	144	93	53	48
All Other Crops	17	25	126	121	112	115
Livestock:						
Beef Cows and Heifers	2,492	1,896	2,129	2,340	2,172	2,283
Dairy Cows and Heifers	791	593	655	726	617	631
Total Cattle	6,945	5,103	5,701	6,224	5,756	6,037
Breeding Ewes and Gimmers	n/a	n/a	210,630	218,675	215,480	200,795
Total Sheep	264,779	297,558	387,468	399,162	393,686	364,852
Pigs	9	83	28	123	112	124
Poultry	12,950	8,672	4,428	4,182	4,972	4,773
Registered Slaughterhouses	9	8	4	3	3	3
Sheep Slaughtered	8,417	9,592	8,712	2,446	3,520	2,806
Cattle Slaughtered	485	278	339	89	76	59
Pigs Slaughtered	0	0	33	111	167	277
Sheep Exported	43,464	60,542	99,404	122,539	114,251	96,671
Cattle Exported	1,947	2,066	2,117	1,938	862	1,264
Ponies Exported	417	407	239	258	232	131
Pigs Exported	0	0	0	0	0	0
Wool Production (est kg)	218,000	245,000	337,000	350,000	323,220	301,190
Milk:						
Dairy Units	23	23	16	10	7	6
Milk Production (litres)	1,428,975	2,069,550	2,584,564	2,751,721	2,410,045	2,319,075
Employment:						
F/T and P/T Employees	222	204	244	304	336	311
F/T and P/T Occupiers	439	457	637	618	599	550
Others (including occupiers less than half time, wives/husbands of occupiers and casual/seasonal labour)	584	718	1,591	1,734	1,655	1,638

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

Production

Value (estimated £m)	1986	1991	1996	2001	2002
Sheep	3.28	3.35	4.93	2.63	2.71
Cattle	0.86	1.00	0.73	0.64	0.72
Liquid Milk	0.90	1.40	1.74	1.43	1.38
Other Livestock (inc eggs)	0.11	0.12	0.13	0.14	0.14
Potatoes	0.65	0.58	0.27	0.43	0.39
Other Vegetables	0.22	0.35	0.36	0.26	0.26
Total	6.02	6.80	8.16	5.53	5.60



Source: Economic Development Unit, SIC

SEERAD & EU Assistance (£m)

	1986	1991	1996	2001	2002
Hill Livestock Compensatory Allowance (HLCA)	1.33	1.61	1.25	–	–
Annual Premium Schemes	0.89	3.29	4.71	3.04	3.66
Environmentally Sensitive Area (ESA)	–	–	0.13	2.01	1.92
Less Favoured Areas Support Scheme (LFASS)	–	–	–	1.92	1.94
Total Assistance	2.22	4.90	6.09	6.97	7.52
Total Production Value and Value of Assistance	8.24	11.70	14.25	12.50	13.12

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 399 agricultural loans approved up to and including the Trust's meeting of 31 March 2001.

Development Projects

Type of Project	Numbers	Hectares	Metres	Gross Cost £
Drainage/Ditching		98	392,287	353,600
Fencing		219	519,868	1,019,073
Roads			30,977	213,390
Re-seeding		4,033		1,375,884
Buildings				4,967,302
Machinery				2,021,716
Livestock: Sheep	17,891			526,662
Cattle	740			394,915
Pigs	133			6,300
Hens	300			594
Quota: Sheep	5,742			167,171
Cattle	224			50,290
Milk (litres)	953,012			395,661
Land Purchased/Assigned		5,436		1,887,114
Emergency Stockpile				32,000
Other				283,704
Inflation				575,950
Total Gross Cost				14,271,266

Financed by:	Grants	4,403,584
	Personal Contributions	2,211,526
	Loans	7,656,156
Total Funding		14,271,266

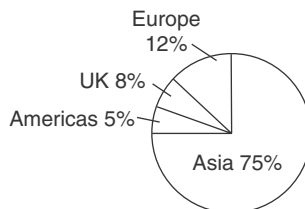
Source: Department of Corporate Services, SIC

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 2002

Market	% of production
Asia	75
Europe	12
United Kingdom	8
Americas	5



Value (estimated turnover £ m)

1976	1981	1986	1991	1996	1998	1999	2000	2001
2.0	4.0	6.4	3.5	4.0	5.4	4.9	5.0	2.5*

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
2000	59	17	76	8	6	11	n/a

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.

* Estimated

Sources: Shetland Knitwear Trades Association; Economic Development Unit, SIC and Review of the Shetland Economy, AB Associates Ltd.

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 group became the Shetland Art and Craft Association and has operated without a Craft Officer since 2000. In 2002 the Shetland Arts Trust appointed a Development Officer to carry out an Indigenous Craft Development Project for a period of three years.

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
Paper	cards cartoons photographs

Employment (Manufacturing only) 2003

Male		Female		Total	
F/T	P/T	F/T	P/T	F/T	P/T
9	5	22	20	31	25

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

Sources: Shetland Art and Craft Association and Economic Development Unit, SIC

Tourism

Shetland Islands Tourism Bed Spaces

Type of Accommodation	1976	1981	1986	1991	1996	2000	2001	2002
Hotels Lerwick	149	231	272	294	296	325	319	325
Hotels Country	292	342	310	301	295	315	225	218
Guest Houses Lerwick			29	31	75	78	87	88
Guest Houses Country			124	97	95	61	60	34
Bed & Breakfast Lerwick	206	103	71	93	65	82	80	83
Bed & Breakfast Country	154	203	107	208	143	146	142	123
Self Catering Lerwick				23	38	29	22	30
Self Catering Country	169	271	285	515	383	233	300	352
Caravans Country	106	104	39	17	0	0	0	0
Hostels Lerwick				48	64	60	60	60
Hostels Country	76	81	146	99	61	59	59	59
Camp Sites Lerwick				28	60	140	140	140
Camp Sites Country	0	0	117	42	39	60	60	60
Böds	0	0	0	0	63	71	71	71
Total	1,152	1,335	1,500	1,796	1,677	1,659	1,625	1,643

Tourist Information Centre Enquiries and Bookings

	1981	1986	1991	1996	2000	2001	2002
Postal Enquiries*	1,696	5,201	6,845	3,586	n/a	n/a	11,860 **
Telephone Enquiries	n/a	966	2,115	3,291			
Advance Bookings	101	220	252	383	821	869	541
Immediate Bookings	412	997	1,435	927	323	492	393

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

** Estimated

Source: Shetland Islands Tourism

Employment

	1978	1981	1986	1991	1994	1997	2000	2003
Hotel and Guest Houses	161	233	280	356	340	344	314	313
Bed & Breakfast Accom.	n/a	n/a	40	81	40	52	40	23
Self Catering, Cottages, etc.	n/a	n/a	64	89	28	62	67	36
Total	161	233	384	526	408	458	421	372

Source: Economic Development Unit, SIC

Top Visitor Attractions 2001

Paid Attraction	Visitors	Free Attraction	Visitors
Jarlishof	10,970	Shetland Museum	34,367
Croft House Museum	3,969	Bonhoga	11,839
Islesburgh Summer Exhibition	2,875	Old Scatness	4,600
Quendale Watermill	1,744	Da Warp & Weft	6,800
Up-Helly-Aa Exhibition	735		

Sources: Scottish Tourist Board and Shetland Arts Trust

Total Visitor Expenditure in Shetland (£ m)

1982	1986	1991	1996	1998	1999	2001
3.6	6.9	10.0	11.3	12.0	14.4	11.9

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

Sources: Shetland Visitor Survey 1995, 2000, Economic Development Unit, SIC

Visitors on 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

Shetland Mini-Cruise Passengers*

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

Orkney and Shetland Mini-Cruise*

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

* Recent figures are unavailable due to Northlink taking over the service from P&O Ferries

Source: P&O Scottish Ferries Ltd

Smyril Line (Summer Service only)

Passengers					
Lerwick inbound	2001	2002	Lerwick outbound	2001	2002
Tórshavn	1,102	1,177	Tórshavn	1,028	1,078
Bergen	1,750	1,799	Bergen	1,628	1,680
Seyðisfjørður	201	246	Seyðisfjørður	267	287
	3,053	3,222		2,923	3,045
Vehicles					
Lerwick inbound	2001	2002	Lerwick outbound	2001	2002
	483	545		479	548

Source: Smyril Line

Cruise Liner Arrivals (Lerwick Harbour)

1988	1991	1996	2000	2001	2002
20	21	35	40	42	37

Cruise Liner Passengers (Lerwick Harbour)

1981	1986	1991	1996	2000	2001	2002
3,564	6,279	5,240	12,852	9,941	11,601	10,864

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	65%	Visiting Yacht Passengers
By Sea	35%	Cruise Liner Passengers
		Cruise Ship Crew
		373
		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 2001

Port Traffic (foreign & domestic)	'000 Tonnes	% UK Traffic	Oil Traffic (foreign & domestic)	'000 Tonnes	% UK Traffic
Grimsby & Immingham	54,831	9.7	Forth	37,760	14.6
Tees & Hartlepool	50,842	9.0	Milford Haven	32,866	12.7
London	50,654	8.9	Sullom Voe	31,007	12.0
Forth	41,607	7.3	Tees & Hartlepool	30,712	11.8
Southampton	35,689	6.3	Grimsby & Immingham	25,549	9.9
Milford Haven	33,792	6.0	All above ports	157,894	61.0
Sullom Voe	31,166	5.5	All major UK ports	259,201	100.0
Liverpool	30,288	5.3			
Felixstowe	28,354	5.0			
Dover	19,074	3.4			
Orkney	18,407	3.3			
Medway	14,853	2.6			
Belfast	13,402	2.4			
Clyde	11,069	2.0			
Bristol	10,895	1.9			
All UK ports	566,366	100.0			

Crude Oil	'000 Tonnes	% UK Traffic
Sullom Voe	31,007	18.4
Forth	26,675	15.8
Tees & Hartlepool	23,619	14.0
Orkney	18,144	10.8
Southampton	15,712	9.3
All above ports	115,157	68.3
All major UK ports	168,557	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
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
2000	15,820,037	6,503,853	7,003,895	29,327,785	327,811	134,802	121,697	584,309
2001	13,368,931	5,994,252	5,441,468	24,804,651	277,732	124,520	110,966	513,219
2002	11,479,375	5,048,451	-	-	236,630	104,961	118,147	461,737

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
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
2000	60,659	34,692	104,782	75,208	165,441	109,900
2001	32,479	22,647	57,746	41,542	90,225	64,189
2002	39,419	26,445	75,043	51,283	114,462	77,728

Sullom Voe: Tankers Using Port

	1979	1981	1986	1991	1996	2000	2001	2002
Oil	270	432	654	423	395	333	295	227
Gas	0	0	112	45	32	22	12	19

Oilfields in Production

Name of Field	Field on stream	Operator	Production 2002 '000 barrels*	
Brent	(B)	1976	Shell	14,457
Dunlin	(B)	1978	Shell	3,515
Heather	(N)	1978	DNO Heather	1,525
Ninian	(N)	1978	Kerr McGee	11,340
Thistle	(B)	1978	BP	1,893
South Cormorant	(B)	1979	Shell	4,483
Murchison	(B)	1980	Kerr McGee	2,321
North Cormorant	(B)	1982	Shell	8,336
North West Hutton	(B)	1983	BP	225
Magnus	(N)	1983	BP	14,284
Deveron	(B)	1984	Britoil	143
Alwyn North	(B)	1987	Total Fina Elf	5,287
Eider	(B)	1988	Shell	1,622
Tern	(B)	1989	Shell	10,289
Don	(B)	1989	Britoil	143
Osprey	(B)	1991	Shell/Esso	2,193
Lyell	(N)	1993	Kerr McGee	661
Strathspey	(N)	1993	Texaco	3,980
Dunbar	(B)	1994	Total Fina Elf	11,565
Ellon	(B)	1994	Total Fina Elf	345
Hudson	(B)	1994	Amerada Hess	6,031
South Magnus	(N)	1996	BP	1,127
Dunlin SW	(B)	1996	Shell	3,515
Pelican	(B)	1996	Shell	4,138
Merlin	(B)	1997	Shell	2,268
Columba E	(N)	1998	Ranger	841
Schiehallion	(WoS)	1998	BP	38,008
Grant	(B)	1998	Total Fina Elf	1,074

(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

	1996	% local	2000	% local	2001	% local	2002	% local
SIC Marine Operations	98	77	103	97	106	97	110	96
Shetland Towage	73	100	71	100	71	100	68	100
BP	333	70	308	100	315	100	305	100
Sub-Contractors	195	79	321*	75*	514	67	186	88
Total Employees	699	77	803	89	1,006	83	669	96

* estimated

Sources: BP Exploration Operating Co Ltd; Shetland Towage; Ports and Harbours, SIC and Economic Development Unit, 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.

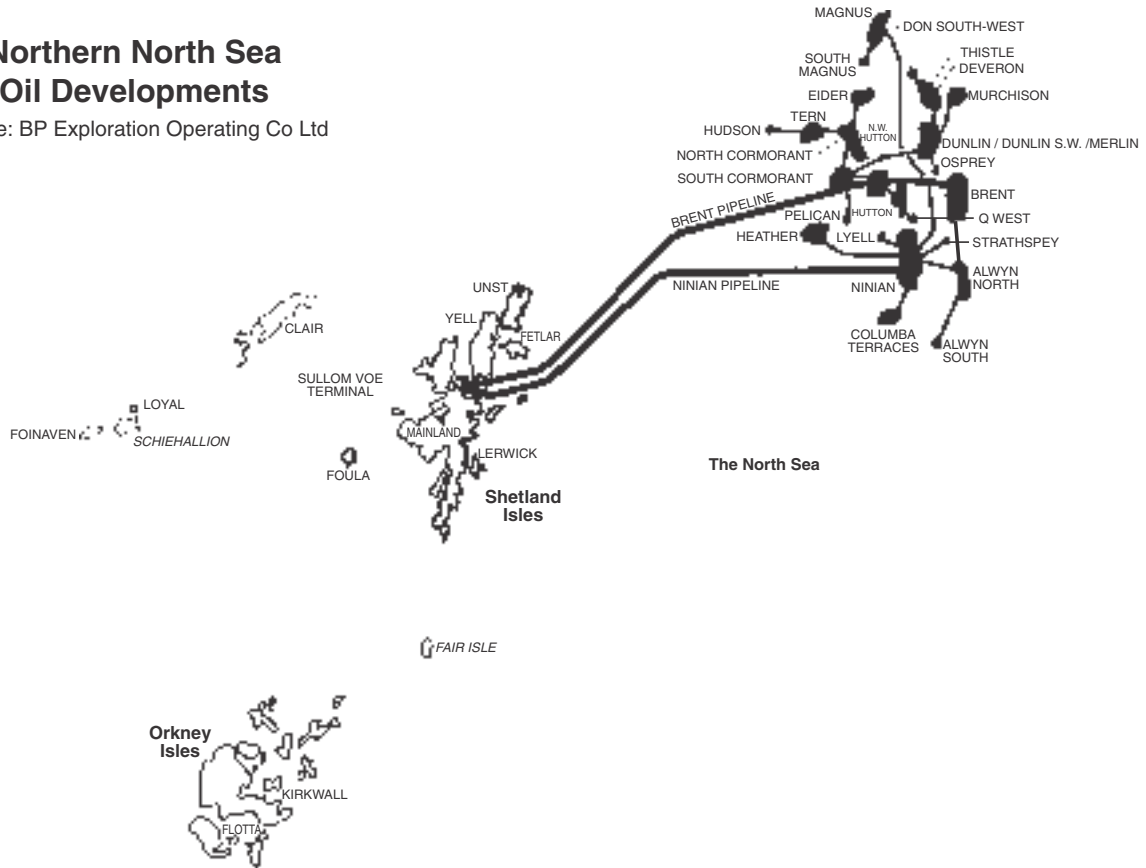
Marine Service Employment

1972	1976	1981	1986	1991	1999	2002
21	185	391	318	229	177	188

Source: Economic Development Unit, SIC

Northern North Sea Oil Developments

Source: BP Exploration Operating Co Ltd



Cost of Living

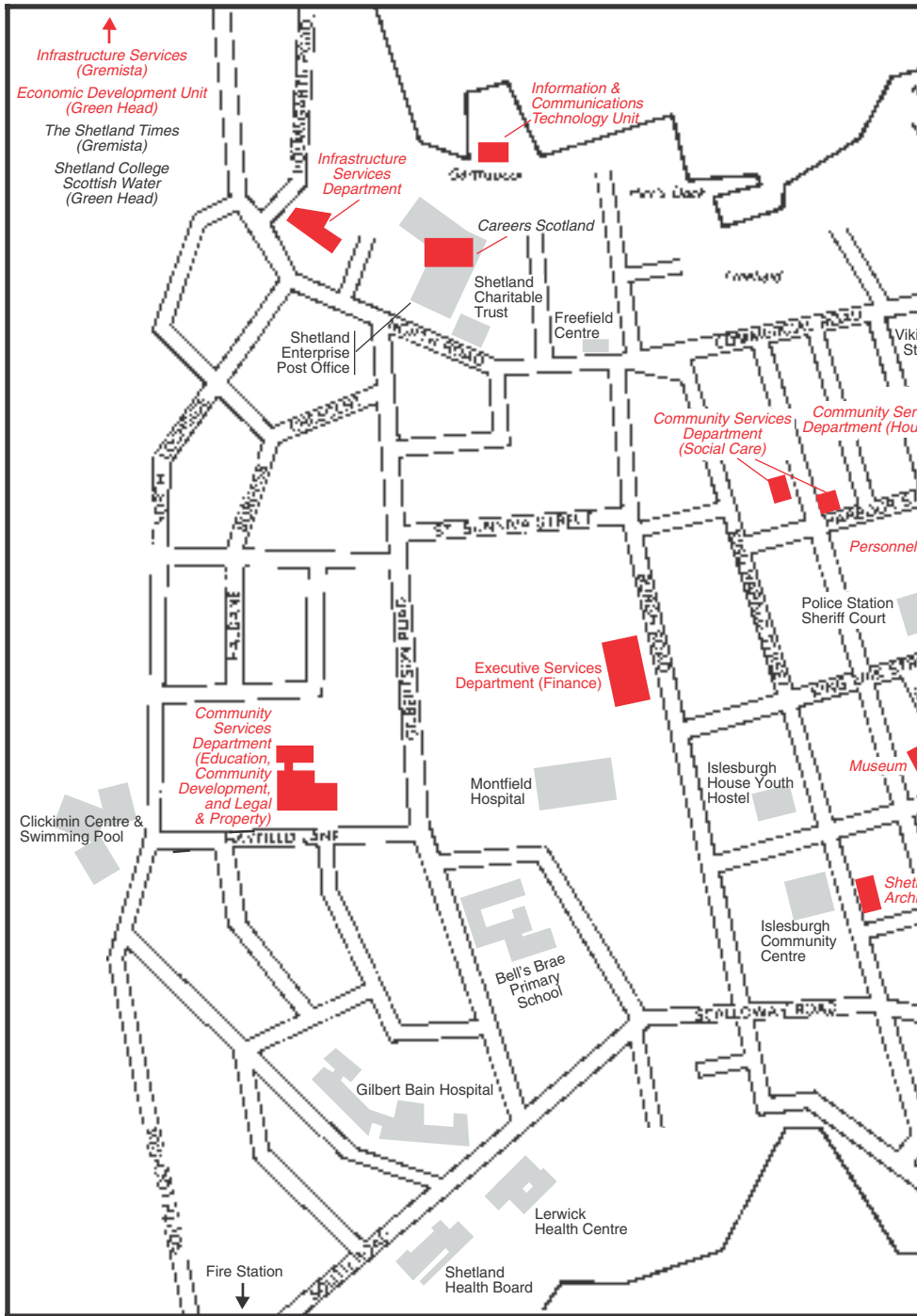
These indices are calculated from information collected in June on the price of food, housing, transport and goods in various locations in rural Scotland. Until 2000, the Rural Scotland Price Survey was carried out by MacKay Consultants. In 2001 and 2002 this survey was carried out by Snedden Economics and Market Research, using different sampling methods and locations. Edinburgh is not covered in the survey, and Shetland is recorded as one location rather than separate rural locations. The basis for comparison has changed from Aberdeen to the Scottish Urban Average. The figures are reflected as percentages rather than actuals.

		1981						1986						
Indices	Other							Other						
	Food	Goods	Housing	Transport	Services	Total	Food	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	Other							Other						
	Food	Goods	Housing	Transport	Services	Total	Food	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	Other							Other						
	Food	Goods	Housing	Transport	Services	Total	Food	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

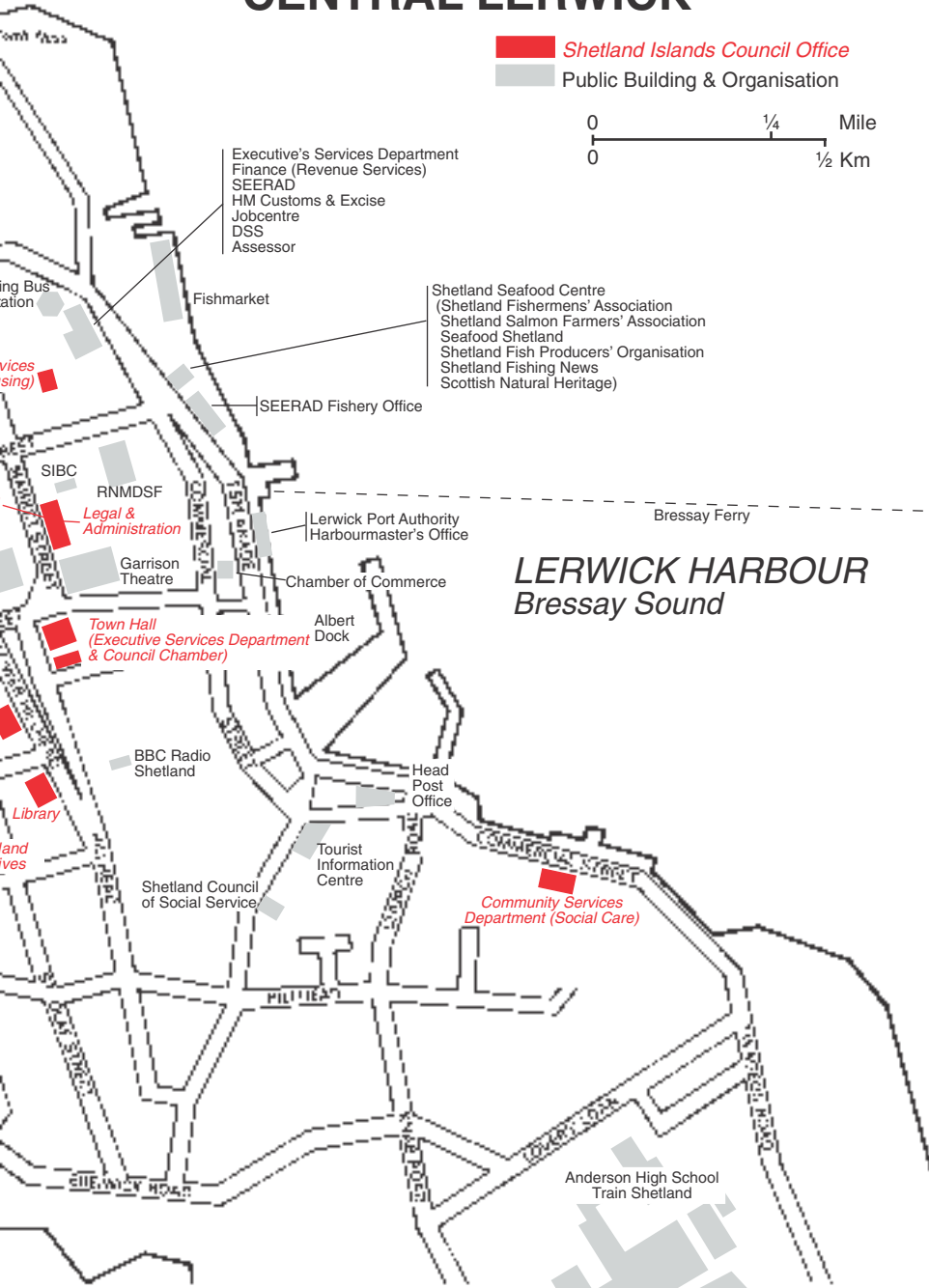
		2001						2002						
Indices	Other							Other						
	Food	Housing	Goods and Services	Motoring Expenditure	Road Fuel	Total	Food	Housing	Goods and Services	Motoring Expenditure	Road Fuel	Total		
Shetland	115.5	98.9	113.7	105.7	114.3	109.1	115.3	97.1	103.8	99.7	114.9	105.5		
All Scotland	107.9	92.5	104.6	98.2	107.3	102.1	106.4	92.0	101.6	98.6	105.3	100.7		
Scot. Urban Av.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Aberdeen	102.9	94.7	96.8	106.4	100.4	99.5	102.7	94.0	98.6	102.9	99.4	99.0		
Orkney	128.4	88.8	106.5	100.2	114.5	107.3	115.5	86.8	95.2	96.7	111.2	101.3		
Western isles	120.9	91.9	111.5	97.9	114.0	107.6	115.1	91.3	103.8	98.7	112.1	103.7		

Source: Rural Scotland Expenditure Survey, Snedden Economics and Market Research



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	1986	1991	1996*	2000	2001	2002
Yell	62,626	96,364	113,897	193,186	188,027	192,661	203,082
Unst/Fetlar	33,460	40,605	65,608	112,852	111,714	110,688	124,501
Bressay	71,615	96,849	135,447	219,619	185,816	180,675	206,282
Whalsay	23,110	45,888	67,385	144,606	137,078	138,327	146,253
Total	190,811	279,706	382,337	670,263	622,635	622,351	680,118

Vehicles

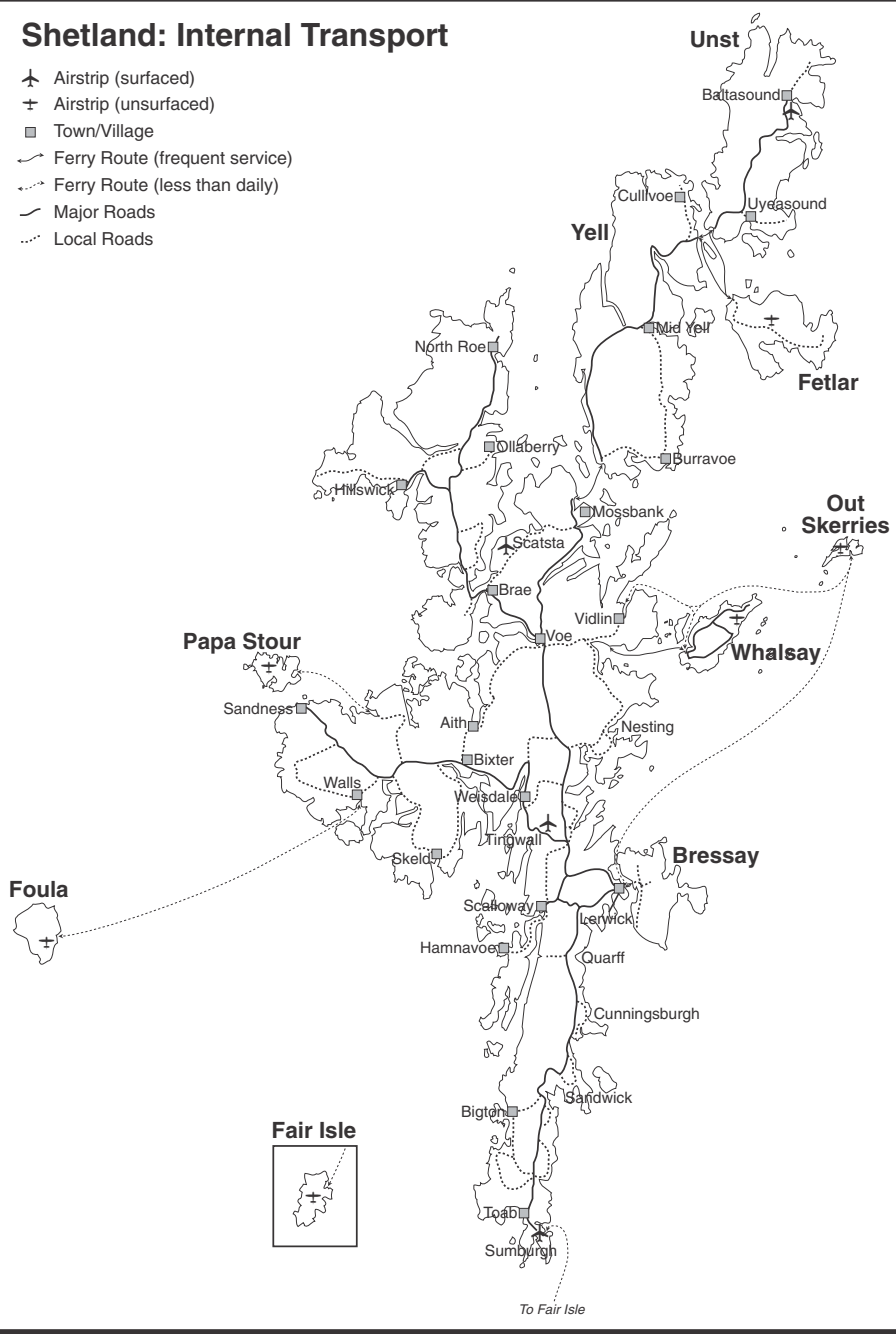
Ferry Route	1976	1986	1991	1996*	2000	2001	2002
Yell	33,333	65,264	89,041	97,180	96,480	100,889	107,160
Unst/Fetlar	16,920	28,202	51,816	52,034	54,643	56,459	62,553
Bressay	14,817	31,958	50,272	66,612	60,458	58,829	70,451
Whalsay	10,117	31,660	48,911	64,212	60,921	62,748	66,878
Total	75,187	157,084	240,040	280,038	272,502	278,925	307,042

* Prior to 1995 the fare gathering system did not record non-fare paying vehicles and passengers.

Source: Department of Infrastructure Services, SIC

Shetland: Internal Transport

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



To Fair Isle

Overland Transport

Bus Services

Route	Operator	Passengers		
		1999	2000	2001
Lerwick to: South Mainland (Sandwick/Sumburgh/ Sumburgh Airport)	J Leask & Son	93,505	92,758	91,941
North Mainland (Hillswick/Mossbank/Toft)	J Leask & Son	78,899	73,240	74,141
Laxo/Vidlin (for Whalsay)	White's Coaches	6,229	6,977	7,468
West Mainland (Walls/Skeld/ Reawick/Aith)	White's Coaches	44,155	44,018	45,533
Scalloway/Burra	J Leask & Son	46,357	42,154	48,983
Lerwick Town Service	J Leask & Son	112,594	116,838	115,057
Yell Services	R G Jamieson H Sinclair & Co }	5,399	4,936	4,788
Unst Services	P & T Coaches	1,735	1,638	1,536
Total		388,873	382,559	389,447

Schedule of County Roads

A Class Roads	224.6km (139.6 miles)
B Class Roads	161.7km (100.5 miles)
C Class Roads	198.5km (123.4 miles)
Unclassified Roads	459.9km (285.8 miles)
Total	1,044.7km (649.2 miles)

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

Vehicle Ownership

Vehicles licensed in Shetland on 31 December

Type	1976	1981	1986	1991	1996	2000	2001	2002
Private Cars & Light Goods	5,076	7,048	7,808	8,933	10,031	10,378	10,806	11,135
Goods/Agricultural Vehicles	640	801	376	310	231	225	251	271
Public Transport Vehicles	171	164	187	121	88	81	81	74
Motor Cycles	397	545	379	287	251	280	271	318
Miscellaneous	826	831	966	967	889	968	992	1,037
Total	7,110	9,389	9,716	10,618	11,490	11,932	12,401	12,835

Sources: 1976: 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		62,170	11,521
2002*	Oct	5,758	1,387
	Nov	2,655	704
	Dec	3,251	736
	Total	11,644	2,827

Note: Each passenger and car journey is counted one way

* Only figures from the last three months of 2002 are available

Freight 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, Northlink

Lerwick Harbour

Shipping in Lerwick Harbour

	1971	1976	1981	1986	1991	1996	2001	2002
General	316	470	418	625	738	662	796	1,087
Oil Tankers	51	99	140	105	114	127	105	91
Oil Rig Tenders	79	1,679	1,556	1,033	888	737	319	287
Other Vessels			{430	486	522	611	2,936	1,250
Yachts	489	769	112	203	366	317	415	362
British Fishing*	1,440	893	677	1,762	1,606	1,099	809	761
Foreign Fishing	1,580	1,357	246	509	216	127	103	178
Total	3,955	5,267	3,579	4,723	4,450	3,680	5,483	4,016

* Excludes local fishing fleet

Tonnage Handled in Lerwick Harbour

	1971	1981	1991	1996	2001	2002
General Cargo Imports	45,760	200,077	226,715	317,580	409,088	415,641
General Cargo Exports	48,849	57,471	98,335	240,646	325,055	390,755
Oil Related Imports	342	288,999	238,684	177,522	211,681	27,200
Oil Related Exports	0	421,807	315,996	244,917	203,685	36,464
Total	94,951	968,354	879,730	980,665	1,149,509	870,080

Weight of containers excluded

Foreign Fishing Vessels in Lerwick Harbour

	1971	1976	1981	1986	1991	1996	2001	2002
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	23	70
Faroe	242	203	14	3	19	6	6	4
Finland	6	7	0	0	0	0	0	0
France	16	11	13	13	18	4	8	18
Germany (formerly E and W)	3	4	1	14	22	10	8	11
Greenland	0	0	0	0	0	0	1	0
Iceland	215	86	2	9	0	0	0	0
Ireland	0	0	0	18	20	12	20	38
Netherlands	12	13	0	16	7	3	1	4
Norway	551	524	96	306	50	43	30	28
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	5	4
CIS (formerly USSR)	60	13	0	39	1	0	1	1
Total	1,560	1,357	246	509	216	127	103	178

Fish Factory Ships and Related Vessels in Lerwick Harbour

1983	1986	1991	1996	2001	2002
41	219	230	249	5	4

Lerwick Harbour Trust Revenue (£)

1971	1981	1991	1996	2001	2002
49,000	2,100,000	4,576,082	4,661,595	5,761,631	5,870,630

Source: Lerwick Port Authority

Scalloway Harbour

Shipping in Scalloway Harbour

	1986	1991	1996	2000	2001	2002
UK Commercial	11	0	29	47	61	84
Foreign Commercial	100	103	147	103	158	146
Oil-related	5	1	8	21	37	12
UK Fishing	163	207	127	74	68	91
Foreign Fishing	17	28	19	15	12	26
Yachts	9	33	9	5	1	0
Salmon Cages	0	0	0	21	87	30
SIC Vessels	0	0	9	9	15	10
Other	0	0	42	19	46	53
Total	305	372	381	314	485	452

Cargo Handling (tonnes)

	1986	1991	1996	2000	2001	2002
Imports	5,037	6,351	11,533	15,351	20,405	16,201
Exports	16,120	893	14,087	35,095	25,616	31,026

Scalloway Harbour Revenue (£)

1986/87	1991/92	1996/97	2000/01	2001/02	2002/03
160,838	202,598	359,773	218,086	313,086	237,848

Source: Ports and Harbours, SIC

Air Services

Total Aircraft Traffic at Sumburgh, Scatsta, Unst and Tingwall

	1981	1986	1991	1996	2000	2001	2002
Passengers	784,545	367,053	588,625	524,476	367,001	386,844	382,154
Aircraft Movements	52,863	29,457	39,863	34,122	24,111	24,896	25,013

Employment

	1981	1986	1991	1996	1998	1999	2003
Sumburgh	650	206	296	235	199	191	163
Tingwall	12	10	8	6	3	3	3
Scatsta	42	10	11	58	60	60	90
Unst	68	66	42	10	6	5	0
Total	772	292	357	309	268	259	256

Source: Highlands & Islands Airports Ltd., Department of Infrastructure Services, SIC

Sumburgh Airport Traffic: Passengers

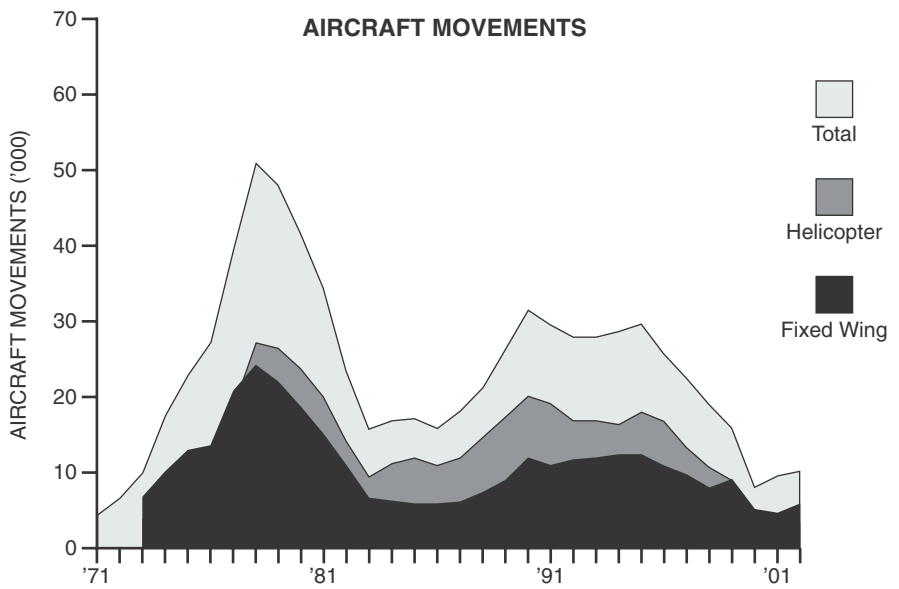
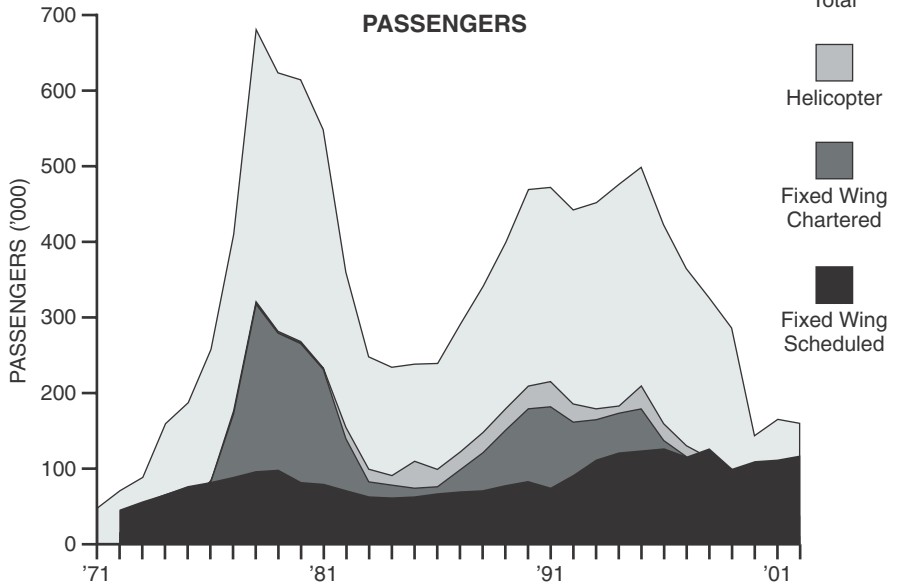
	Total Passengers	Fixed Wing Scheduled Passengers	Charter Passengers and Others	Helicopter Passengers
1971	46,994	n/a	n/a	n/a
1976	250,778	78,654	84,111	88,013
1978	685,492	90,601	323,151	271,740
1981	541,761	76,853	232,389	232,519
1986	239,744	63,200	77,805	98,739
1991	473,626	76,841	182,377	214,408
1996	423,476	125,744	137,384	160,348
2000	140,285	111,877	5,774	22,634
2001	168,281	112,146	14,824	41,311
2002	164,890	112,661	12,834	39,395

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
2000	9,566	6,179	3,387	957,717
2001	11,165	5,635	5,530	981,475
2002	11,830	7,028	4,802	1,031,036

Source: Highlands & Islands Airports Ltd.

Sumburgh Airport



UK Airport Passengers ('000)

	1991	1996	2001	2002
Heathrow	40,245	55,732	60,675	63,362
Gatwick	18,690	24,102	31,182	29,627
Manchester	10,102	14,485	19,307	18,809
Stansted	1,685	4,810	13,665	16,055
Birmingham	3,246	5,353	7,809	8,028
Glasgow	4,154	5,472	7,292	7,804
Edinburgh	2,340	3,810	6,067	6,931
Luton	1,958	2,411	6,555	6,487
Belfast International	2,168	2,351	3,619	3,577
Bristol	783	1,394	2,694	3,446
Newcastle	1,527	2,433	3,413	3,427
East Midlands	1,145	1,822	2,387	3,237
Liverpool	457	620	2,253	2,836
Aberdeen	2,020	2,377	2,529	2,550
Belfast City	537	1,361	1,193	1,896
London City	638	1,053	1,530	1,602
Leeds Bradford	172	726	1,619	1,530
Prestwick	35	522	1,240	1,490
Jersey	1,666	1,691	1,560	1,488
Cardiff	513	1,010	1,544	1,425
Guernsey	784	891	911	883
Southampton	428	551	858	789
Isle of Man	473	605	707	732
Teesside	300	444	734	671
Humberside	108	279	435	492
Norwich	175	258	390	424
Bournemouth	125	162	266	395
Inverness	199	285	364	387
Exeter	164	205	344	348
Scatsta	15	79	247	246
Londonderry	37	64	186	199
Isles of Scilly (St. Marys)	102	125	133	148
Penzance Heliport	97	106	128	136
Sumburgh	433	401	137	134
Kirkwall	102	92	94	106
Plymouth	85	98	172	101
Stornoway	80	94	88	94
Alderney	83	84	72	73
Blackpool	120	85	81	70
Dundee	9	13	49	45
Isles of Scilly (Tresco)	21	26	40	45
Benbecula	31	38	34	32
Wick	31	28	26	26
Islay	20	19	20	21
Sheffield City	–	–	33	13
Campbeltown	–	7	8	8
Barra	–	8	9	8
Tiree	5	5	5	5
Southend	21	6	4	5
Coventry	6	3	1	4
Lydd	30	–	1	3
Hawarden	1	–	3	2
Lerwick (Tingwall)	11	4	2	2
Cambridge	26	29	18	1
Biggin Hill	–	6	4	1
Shoreham	1	3	1	1
Gloucestershire	4	2	0.1	0.2
Kent International	4	2	6	0.1
Unst	85	18	0.25	–
Battersea Heliport	4	5	–	–
Total: All UK airports	98,301	138,665	182,317	189,815

Source: Civil Aviation Authority

Scatsta Airport Traffic

	1981	1986	1991	1996	2000	2001	2002
Passengers	109,063	13,157	14,495	78,807	240,361	247,131	246,187
Aircraft Movements	5,758	2,232	630	4,461	11,355	11,223	10,997

Tingwall Airport Traffic

	1981	1986	1991	1996	2000	2001	2002
Passengers	12,180	13,368	15,453	4,382	2,480	1,971	2,068
Aircraft Movements	2,815	3,333	2,917	2,582	2,555	2,441	2,240

Unst Airport Traffic

	1981	1986	1991	1996	2000	2001	2002
Passengers	120,564	97,138	85,051	17,848	1,429	252	–
Aircraft Movements	10,040	8,592	7,148	1,786	684	138	–

Source: Civil Aviation Authority

Small Airfield Traffic

Passengers

Airfield	1981	1986	1991	1996	2000	2001	2002
Fair Isle	841	1,822	2,048	1,910	2,171	2,030	2,243
Fetlar	57	60	n/a	n/a	n/a	n/a	n/a
Foula	1,175	1,100	n/a	1,344	1,291	1,296	1,378
Papa Stour	n/a	n/a	n/a	n/a	248	238	302
Skerries	271	624	900	545	904	840	1,000
Whalsay	80	100	360	n/a	n/a	n/a	n/a

Aircraft Movements

Airfield	1981	1986	1991	1996	2000	2001	2002
Fair Isle	238	480	610	632	599	605	642
Fetlar	52	40	n/a	n/a	n/a	n/a	n/a
Foula	310	304	466	687	560	492	523
Papa Stour	n/a	n/a	n/a	n/a	156	155	174
Skerries	138	302	400	408	560	570	546
Whalsay	78	70	200	n/a	n/a	n/a	n/a

Sources: Loganair and Department of Infrastructure Services, SIC

Education and Training

Staffing

	1971	1976	1981	1986	1991	1996	2000	2001	2002
Nursery Teachers	—	—	—	—	—	11	18	16	16
Primary Teachers	91	117	164	150	140	177	178	300	301
Secondary Teachers	88	124	142	162	189	198	224	232	238
Further Education Lecturers	2	4	9	13	18	47	52	61	57
Total	181	245	315	325	347	433	472	609	612

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	00/01	01/02
Full Time	20	34	68	113	77	141	168	173
Part Time	20	22	54	62	36	1,627	1,504	1,810
Evening Class	557	815	1,171	1,387	1,336	1,072	1,236	1,063
S. Seekers/M. Apprentices	—	—	—	43	101	42	9	7
Total	597	871	1,293	1,605	1,550	2,882	2,917	3,053

Source: Shetland College of Further Education, Education & Community Services Dept., SIC

Students Enrolled on North Atlantic Fisheries College Courses

	1992	1993	1994	1995	1996	2000	2001	2002
Business Courses	0	19	19	49	21	51	10	11
Aquaculture Courses	9	24	13	26	25	39	30	24
Fisheries Science	0	0	0	0	10	4	0	4
Marine Engineering	25	24	50	73	68	80	80	132
Maritime Studies	79	180	264	257	381	363	333	362
Processing Courses	0	0	46	53	24	2	143	36
Courses run by Third Parties	131	321	267	227	243	331	321	270
Total	244	568	659	685	772	870	917	839

Source: North Atlantic Fisheries College

Secondary Education

School Roll (January)	1971	1976	1981	1986	1991	1996	2000	2001	2002
Aith Junior High	35	65	61	61	61	70	89	98	84
Anderson High	571	770	915	933	878	855	777	784	791
Baltasound Junior High	36	58	75	47	33	55	38	31	37
Brae High	47	68	164	263	211	242	260	275	257
Mid Yell Junior High	43	58	48	56	44	55	51	48	46
Sandwick Junior High	55	87	121	130	144	166	151	162	172
Scalloway Junior High	72	129	132	144	179	153	150	143	127
Skerries School	2	6	5	7	2	2	8	8	7
Symbister House Junior High	36	54	62	49	45	50	64	66	68
Total	897	1,295	1,583	1,690	1,597	1,648	1,588	1,615	1,589

Primary Education

School Roll (January)	1971	1976	1981	1986	1991	1996	2000	2001	2002
Aith Junior High	67	63	52	77	61	58	69	80	90
Baltasound Junior High	103	100	106	71	85	72	82	56	59
Bell's Brae Primary	722	790	501	416	357	383	378	395	350
Bell's Brae Special	—	—	—	—	—	—	23	27	25
Brae High	44	68	171	170	139	152	113	110	101
Bressay Primary	24	38	20	21	28	40	43	49	42
Burra Primary	16	—	—	—	—	—	—	—	—
Burravoe Primary	38	31	36	29	32	26	15	18	20
Cullivoe Primary	21	23	24	24	18	15	7	12	12
Cunningburgh Primary	56	74	77	59	50	60	59	60	58
Dunrossness Primary	123	152	209	149	146	155	155	140	137
Fair Isle Primary	3	9	11	8	8	5	13	14	14
Fetlar Primary	14	6	15	9	7	13	5	7	4
Firth Primary	16	—	—	—	—	—	—	—	—
Foula Primary	4	4	7	7	4	5	2	2	2
Gott Primary	41	43	52	50	50	39	71	61	62
Gruting Primary	12	11	9	—	—	—	—	—	—
Hamnavoe Primary	64	65	107	110	96	78	60	20	64
Happyhansel Primary	43	40	48	55	57	58	51	51	48
Haroldswick Primary	38	33	21	30	25	14	—	—	—
Lunnasting Primary	20	22	38	26	21	26	26	22	31
Mid Yell Junior High	56	76	65	53	48	47	46	57	47
Mossbank Primary	—	—	136	117	70	85	88	76	74
North Roe Primary	17	16	23	17	20	22	14	12	14
Ollaberry Primary	18	12	16	29	36	27	23	19	21
Olnafirth Primary	19	30	46	44	31	29	27	24	28
Papa Stour Primary	—	—	5	3	4	0	6	3	2
Quarff Primary	17	19	23	21	15	10	12	12	14
Sandness Primary	6	7	15	21	13	17	12	10	14
Sandwick Junior High	44	81	96	65	69	86	87	81	86
Scalloway Junior High	120	136	150	138	117	96	98	83	82
Skeld Primary	13	26	36	19	14	24	23	19	20
Skerries Primary	16	12	11	8	9	8	4	3	4
Sound Primary	—	—	292	400	354	338	344	346	336
South Nesting Primary	16	14	26	21	11	14	27	25	29
Symbister House Junior High	125	149	146	121	125	110	104	100	98
Urafirth Primary	26	29	37	33	29	28	28	29	29
Uyeasound Primary	21	27	16	8	9	21	15	18	16
Whiteness Primary	31	56	87	68	85	100	101	95	89
Total	2,014	2,262	2,730	2,505	2,243	2,261	2,231	2,149	2,097

Nursery Education

School Roll (January)	1981	1991	1996	2000	2001	2002
Aith Junior High	0	0	14	24	19	22
Baltasound Junior High	0	0	0	29	20	16
Bell's Brae	0	64	75	63	60	50
Brae High	51	60	40	36	34	30
Bressay	0	0	0	12	8	8
Dunrossness	0	33	31	28	32	29
Fair Isle	0	0	0	0	2	0
Fetlar	0	0	0	0	2	2
Foula	0	0	0	0	2	1
Happyhansel	0	0	17	10	13	13
Mid Yell	0	0	0	0	0	17
Mossbank	0	23	29	17	20	18
Sandwick Junior High	0	38	30	24	21	30
Scalloway	0	0	0	0	15	18
Skeld	0	0	0	6	7	7
Skerries	0	0	0	0	2	1
Sound	60	60	58	59	52	54
Symbister House Junior High	0	0	19	21	23	25
Urafirth	0	0	10	10	13	10
Whiteness	0	0	0	13	5	18
Total	111	278	323	352	350	369

Source: Department of Education & Community Services, SIC

Social Care Provision

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

	1996/97	2000/01	2001/02
Local Authority Beds for Older People	53	56	56
Voluntary Sector Beds for Older People*	66	81	86
Day Care Places for Older People**	58	76	86
Places in Hostel for Adults with Learning Disabilities	16	5	5
Independent Living for Adults with Learning Disabilities	–	20	20
Places in Children's Homes	5	5	5
Places for Mentally/Physically Disabled Children – Respite Care	6	6	6
Laundries	4	6	4
Meals on Wheels Schemes	27	24	24
Luncheon Clubs	3	2	2
Meals Delivered	41,292	40,713	40,585
Home Helps	246	295	287
Home Help Clients	538	539	518
Community Care Support Clients***	52	32	55
Homes Connected to Community Alarm System	614	704	731

* 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 66 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 Social Care, SIC

Health

Health services in Shetland are provided by Shetland Health Board, which in 2001/02 received a grant of £30,500,000 from the Scottish Office. 2002/03's allocation is £31,800,000. 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	2000/01	2001/02
Shetland	312	675	862	872	720
Scottish average	392	695	813	682	756

Staffing

	1986	1991	1996	1999	2001
Hospital – medical and dental	12	15	14	16	16
Hospital nursing staff	152	206	193	143	158
Scientific and professional, PAMS and technical	37	37	52	59	59
Administration and clerical	43	59	72	77	99
Works, trades and ancillary	102	110	10	11	9
General medical practitioners	20	20	24	25	24
Other nursing staff	42	45	47	55	63
Dental practitioners	4	7	8	9	11

Hospital Activity

Discharges/Attendances	1986/87	1991/92	1996/97	2000/01	2001/02
In Patients (all specialities)	2,015	2,105	2,411	2,754	2,898
Day cases	801	974	1,119	1,113	1,332
Accident and Emergency out patients	2,817	7,212	7,608	7,407	8,972
Total out patients (incl A and E)	10,630	18,459	19,768	21,642	23,965

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

Housing

Ownership of dwellinghouses in Shetland

Type of Dwelling	1976	1981	1991	1996	2000	2001	2002
Local Authority and Housing Association	2,082	2,713	2,566	2,455	2,453	2,543	2,565
Private and others	5,205	5,899	6,590	7,110	7,366	7,334	7,812
Total	7,287	8,612	9,156	9,565	9,819	9,877	10,377

Source: Assessor & Electoral Registration Office, Lerwick

Leisure Facilities

Leisure Centres

	1991/92	1996/97	2000/01	2001/02
Clickimin	160,411	191,054	204,632	217,308
South Mainland	—	—	15,826	15,406
Scalloway	—	—	13,471	18,796
Whalsay	58,820	49,679	42,546	43,961
Yell	38,649	37,356	33,791	34,289
Unst	52,541	49,127	34,108	32,972
North Mainland	—	—	21,297	20,948
West Mainland*	—	—	n/a	n/a

Swimming Pools

	1991/92	1996/97	2000/01	2001/02
Lerwick	133,249	177,129	181,591	186,637
South Mainland	—	32,925	17,524	17,074
Scalloway	—	33,850	25,676	26,944
Whalsay	20,928	14,842	14,832	14,337
Yell	8,393	6,875	6,832	7,798
Unst	11,789	9,438	14,062	10,599
North Mainland	43,551	28,369	18,947	19,728
West Mainland*	—	—	n/a	n/a

* West Mainland Leisure Centre was officially opened in 2002/2003.

Source: Shetland Recreational Trust

Community Halls and Community Centres (by community work area)

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

Golf Facilities in Shetland

Dale Golf Course (18 holes)
Whalsay Golf Course (18 holes)
Asta Golf Course (9 holes)
Knab Golf Course (9 holes)
Moorpark (driving range)

Source: Department of Education & Community Services, SIC

Crime

The Shetland Area Command of the Northern Constabulary is run by the Northern Joint Police Commission, administered by Highland Council. In 2002/03 the requisition from Shetland Islands Council was £1,685,292, and in 2003/04 will be £1,765,260.

Police Stations 2002

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	2001	2002
21	45	36	36	37	38	38

Crimes and Offences reported to the Police

	1981	1986	1991	1996	2001	2002
Group 1	24	24	21	14	32	28
Group 2	12	2	3	8	7	19
Group 3	352	345	279	347	264	215
Group 4	126	133	199	235	188	261
Group 5	83	71	53	151	106	110
Group 6	422	286	322	471	292	314
Group 7	874	926	1,278	524	697	561
Total	1,893	1,787	2,155	1,750	1,586	1,508

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 56.1% in 2002.

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

1986	1991	1996	2000	2001	2002
62	104	123	152	300	357

2002 Statistics

		To Vessels:	
Persons assisted	1,807	Strandings (grounding)	10
Persons rescued	96	Taking water	4
Lives lost	7	Capsized	1
		Sail, gear, mast failure	0
To Persons:		Machinery failure	37
Casevac/Medevac	8	Vessels overdue	4
Cut off by tide	1	Adverse weather conditions	8
Missing person	6	Fire/Explosions	3
Person on cliff	7	Out of fuel	3
Divers in difficulty	20	Fouled propeller	17
Swimmer in trouble	1	Uncertain position	1
Other	13	Fishing gear snagged	4
		Other	58

Sumburgh Coastguard Helicopter Missions

1986	1991	1996	2000	2001	2002
37	58	76	47	85	88

2002 Helicopter Missions

Medevacs	64
Assistance to offshore installations	3
Vessels sinking	2
Vessels afire or missing	0
Searches (including emergency transmissions)	9
Vessels aground or adrift	4
Missing persons	4
Other	2

Source: Maritime Coastguard Agency, Lerwick

Fire Service

The Fire Service in Shetland is run by Highland and Islands Fire Brigade, administered by Highland Council. In 2002/03, the requisition from Shetland Islands Council was £1,134,252 and in 2003/04 will be £1,049,208.

Fire Units in Shetland 2002

Location	Establishment	Appliances
Retained:		
Lerwick	20 + 3 full-time officers	2 water tender ladders 1 light fire appliance
Brae	20	2 water tender ladders
Volunteer:		
Baltasound, Mid Yell, Scalloway, Fetlar, Fair Isle, Sumburgh, Walls and Whalsay	12 per unit	1 light fire appliance, fully equipped with breathing apparatus per unit
Foula, Hillswick, Mossbank, Bixter, Sandwich and Skerries	12 per unit	1 light fire appliance per unit
Bressay, Hamnavoe and Papa Stour,	12 per unit	1 portable pump, hose and ancillary equipment
Total Retained and Volunteers	245	

Fires Attended

	1981	1986	1991	1996	2001	2002
Chimney fire	24	64	66	50	27	13
Special services (pumping out boats, properties, road traffic accidents)	17	9	40	19	25	23
Property and small fires	54	42	54	45	62	33
False alarms, good intent	6	26	42	84	114	111
False alarms, malicious	2	4	3	22	7	9
Total	103	145	205	220	235	189

Source: Highland and Islands Fire Brigade, Inverness

Postal Services

Post Office Employees

	1991		1996		2001		2002	
	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	54	6	56	6
Part Time Staff	26	1	26	3	24	3	21	3
Sub Postmasters	{ -	29 (FT)	-	20 (FT)	-	15 (FT)	-	15 (FT)
	{ -	23 (PT)	-	27 (PT)	-	23 (PT)	-	23 (PT)
Ancillary Staff	8	0	5	0	1	0	1	0
Total	75	60	72	56	79	47	78	47

Sources: Royal Mail and PO Counters Ltd, Lerwick

Letters Posted Weekly

1977	1981	1986	1991	1996	2001	2002
52,602	69,400	56,000	67,317	60,660	62,889	62,280

Source: Royal Mail, Lerwick

Television Licences

1976	1981	1986	1991	1996	1998	1999	2002
5,463	6,647	6,480	7,013	7,965	8,146	8,178	8,869

Source: TV Licensing

Energy

Electricity Generation

	1971/72	1981/82	1991/92	1999/2000	2000/01	2001/02
Units Generated (kilowatt hours)	32,319,000	143,539,222	170,023,850	214,094,990	222,000,000	230,600,000
Maximum demand (megawatts)	11.69	36.0	41.2	43.2	44.0	45.2

Electricity Distribution (km)

	1971	1981	1991	1996	2001	2002
33,000 Volt overhead lines	24.7	98.0	128.3	133.0	167.3	167.3
33,000 Volt underground cables	0.0	3.7	11.6	11.6	10.7	10.7
11,000 Volt overhead lines	705.9	756.2	843.0	879.0	812.2	812.2
11,000 Volt underground cables	15.1	65.5	99.3	111.0	110.8	110.8
Low Voltage overhead lines	340.1	345.6	324.5	294.0	227.4	227.4
Low Voltage underground cables	18.9	65.6	122.7	163.0	219.0	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 Scottish Water. Scottish Water is a public corporation created in April 2002 from the merger of the three predecessor water authorities: North of Scotland, West of Scotland and East of Scotland Water Authorities. Scottish Water is the fourth largest water operator in the UK with a turnover of almost £1 billion and five million customers. It operates within a regulatory framework set up by Ministers and involving independent regulators, the Drinking Water Quality Regulator (DWQR), the Water Industry Commisisoner (WIC) and the Scottish Environment Protection Agency (SEPA). The Shetland Area office of Scottish Water is located at Greenhead, Lerwick.

Water Supplied (millions of litres)

1976	1981	1986	1991	1996	2001	2002
2,627	4,964	4,607	4,691	3,990	4,104	4,005

Many thousands of water samples are taken throughout Shetland during each year. These are analysed and compared against a number of bacterial and chemical parameters as specified in the Water Supply (Water Quality) (Scotland) Regulations 1990.

Microbiological Quality (percentage compliance at W.T.W.S.)

1991	1996	1998	1999	2000	2001	2002
97.20	99.18	99.87	99.81	99.91	99.94	99.88

Networks

		1999	2002
Water connections:	Domestic	9,502	9,655
	Non-domestic	1,119	1,133
Sewer connections:	Domestic	6,701	6,747
	Non-domestic	712	721
Length of water mains (km)		1,005	1,001
Length of sewers (km)		365	370

Treatment

	1999	2002
Wastewater treatment plants (including septic tanks)	60	64
Water treatment works (excluding re-chlorination stations)	18	18

Scottish Water 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.

During 2003, the Sandwick and Cunningsburgh zones were connected to Lerwick and the trunk main was extended to Sumburgh.

Other improvement scemes for 2003/04 include Out Skerries, West Burrarfirth, Unst, Fetlar, Mid Yell, Fair Isle and Papa Stour.

Source: Scottish Water, Lerwick

Built Heritage

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

A scheduled monument is an ancient monument that has been given legal protection under the Ancient Monuments and Archaeological Areas Act 1979. Ancient monuments must be considered to be of national importance before they can be scheduled. The Scottish Ministers are responsible for maintaining the scheduling of ancient monuments.

Ancient Monuments

There were 366* scheduled ancient monuments as at 30 April 2002 in the following categories:

Prehistoric: ritual and funerary	95
Prehistoric: domestic and defensive	208
Crosses and carved stones	3
Ecclesiastical	19
Secular	43
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

Sites and Monuments Record

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 6080.

These include:

Broch/possible broch	151
Burnt mounds	334
Chambered cairns	117
Viking/Norse houses	51
Souterrains	25
Military remains	420
Fishing Stations	28
Wheelhouses	7

Excavation

Excavations in 2002 were carried out in Burland, Trondra. This is the second year on this Pictish site.

Visitor numbers to old Scatness:	2000 – 6,615
	2001 – 4,600*
	2002 – 6,237

* Visitor numbers were affected by the foot and mouth crisis.

Source: Shetland Amenity Trust; Department of Infrastructure Services, SIC

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

81 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 – 14 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.

13 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 19,852 hectares which represents 13.5 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 – 9 sites (1 shared with Mainland)	4%
Unst – 16 sites	21%	Muckle Roe – 1 site	0.1%







Wildlife

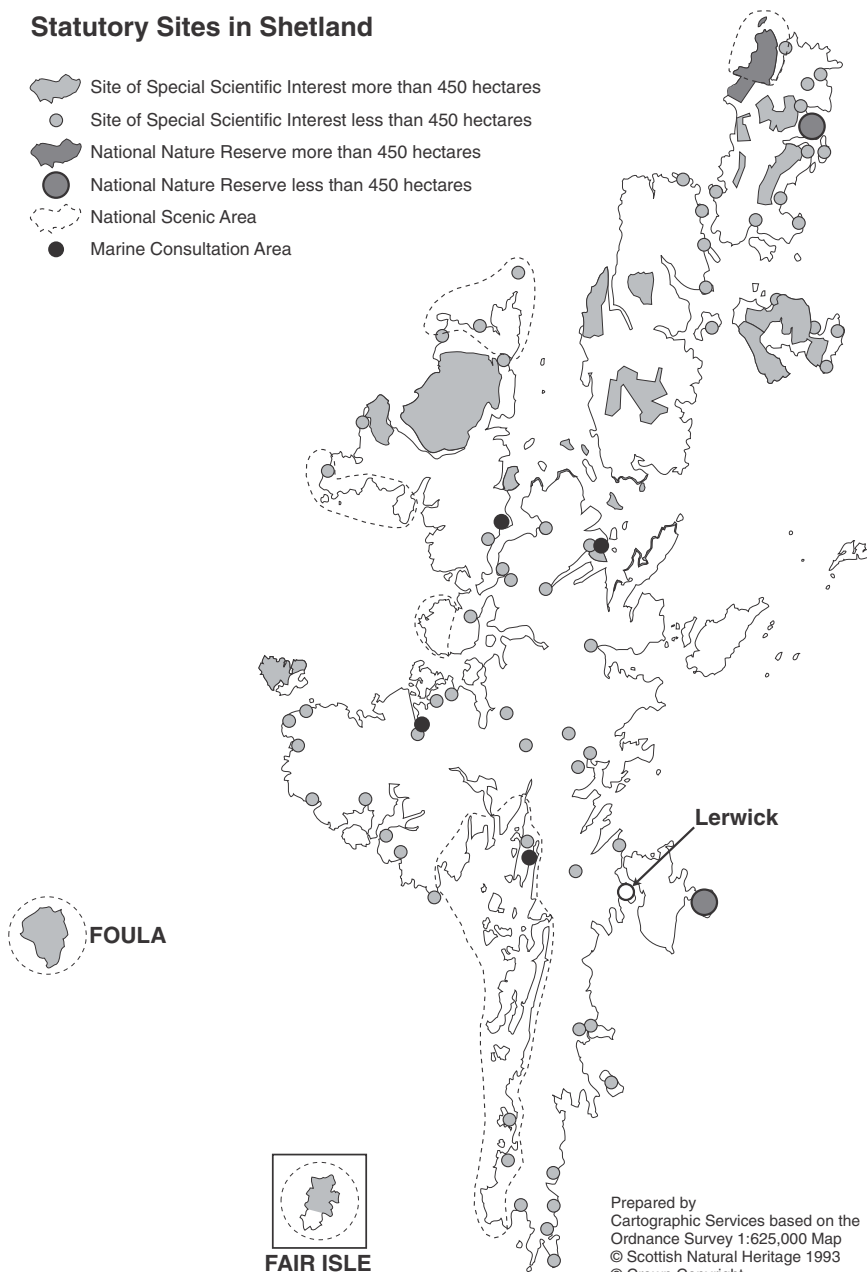
Latest population estimates for selected species are as follows:

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 (tirrick)	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 Hudgton (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:

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)

MAY 2001

Alastair Carmichael (Lib Dem)	6,919
Robert Mochrie (Lab)	3,444
John Firth (Con)	3,121
John Mowat (SNP)	2,473
Peter Andrews (SSP)	776

Electorate: 31,909

(Shetland: 16,899; Orkney: 14,931)

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)
Electorate (Shetland):	16,954

Scottish Parliamentary Election results in the Shetland Constituency:

MAY 2003

Tavish Scott (Scottish Liberal Democrat)	3,989
Willie Ross (Scottish National Party)	1,729
John Firth (Scottish Conservative & Unionist Party)	1,281
Peter Hamilton (Scottish Labour Party)	880
Peter Andrews (Scottish Socialist Party)	766

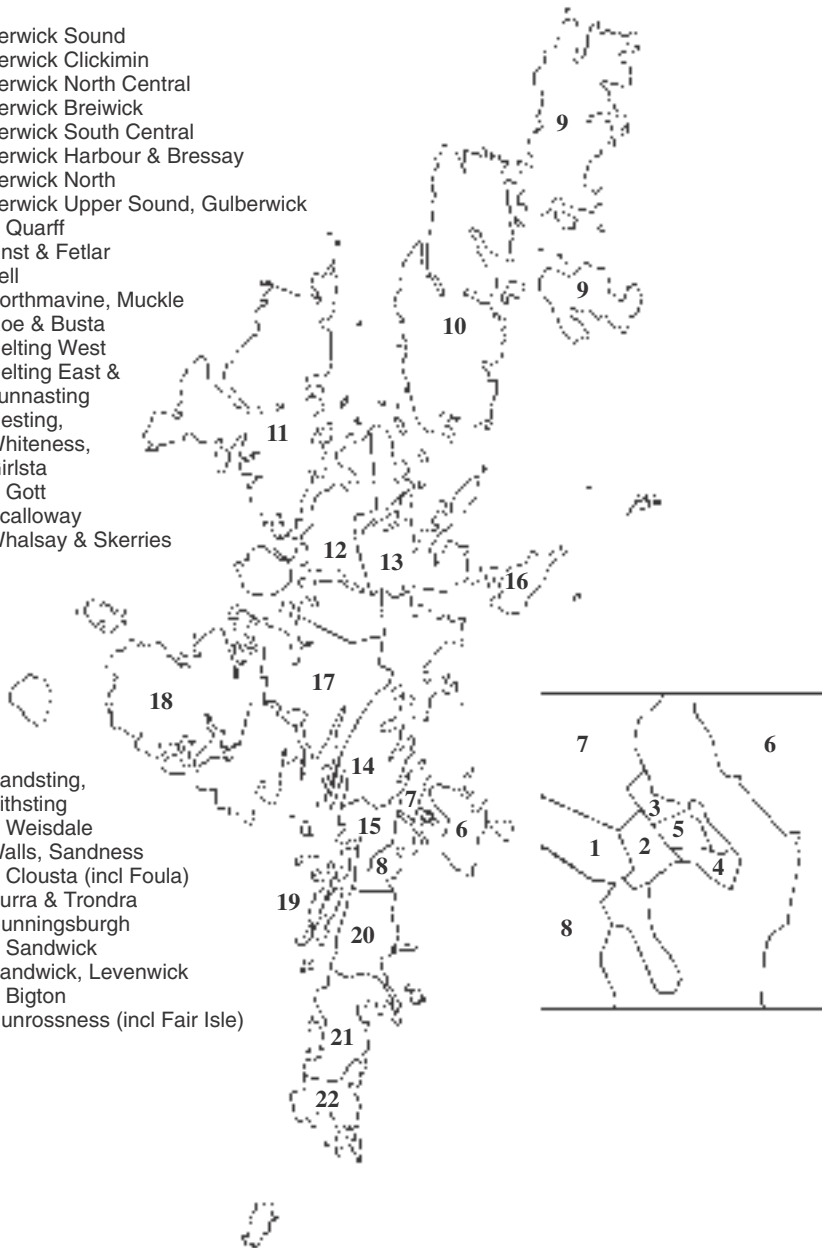
Electorate: 16,677 – Turnout: 8,718

Source: Department of Legal and Administrative 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, Muckle 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 2003 – May 2007)

Ward	Councillor
1 Lerwick Sound	James Henry , 17 Murrayston, Lerwick (Independent) (Electorate 582. 49% poll – 52% of votes cast)
2 Lerwick Clickimin	William N Stove , 1 Lovers Loan, Lerwick (Independent) (Electorate 719. 40% poll – 61% of votes cast)
3 Lerwick North Central	Alexander J Cluness , 5 Twageos Road, Lerwick (Scottish Liberal Democrat) (Elected unopposed)
4 Lerwick Breiwick	Cecil B Eunson , Uradale, East Voe, Scalloway (Independent) (Electorate 814. 60% poll – 74% of votes cast)
5 Lerwick South Central	Leslie Angus , 12 Lovers Loan, Lerwick (Scottish Liberal Democrat) (Electorate 776. 55% poll – 56% of votes cast)
6 Lerwick Harbour & Bressay	Edward J Knight , 13 Gressy Loan, Lerwick (Independent) (Electorate 667. 65% poll – 65% of votes cast)
7 Lerwick North	Leonard G Groat , 10 Voderview, Lerwick (Independent) (Electorate 716. 40% poll – 59% of votes cast)
8 Lerwick Upper Sound, Gulberwick & Quarff	Robert G Feather , Klingrahoull, Gulberwick (Independent) (Electorate 751. 61% poll – 60% of votes cast)
9 Unst & Fetlar	Brian P Gregson , Quam, West Sandwick, Yell (Independent) (Electorate 618. 61% poll – 66% of votes cast)
10 Yell	John P Nicolson , Scarfataing, Trondra (Scottish Liberal Democrat) (Electorate 570. Elected unopposed)
11 Northmavine, Muckle Roe & Busta	William H Manson , Mangaster, Sullom (Independent) (Electorate 708. 66% poll – 58% of votes cast)
12. Delting West	William A Ratter , Gaets-A-Voe, Ollaberry (Independent) (Electorate 705. 56% poll – 66% of votes cast)
13 Delting East & Lunnasting	Barbara J Cheyne , Hillside, Voe (Independent) (Electorate 712. 59% poll – 58% of votes cast)
14 Nesting, Whiteness, Girlista & Gott	James C Irvine , 20 Twageos Road, Lerwick (Independent) (Electorate 849. Elected unopposed)
15 Scalloway	Iris J Hawkins , 48 Sycamore Avenue, Scalloway (Independent) (Electorate 904. 52% poll – 65% of votes cast)

Ward	Councillor
16 Whalsay & Skerries	Joseph G Simpson , Brucefield, Symbister (Independent) (Electorate 841. Elected unopposed)
17 Sandsting, Aithsting & Weisdale	Florence B Grains , Hoove, Whiteness (Independent) (Electorate 964. Elected unopposed)
18 Walls, Sandness & Clousta	Frank Robertson , Columbus, Selivoe, Bridge of Walls (Scottish Liberal Democrat) (Electorate 640. Elected unopposed)
19 Burra & Trondra	John A. Inkster , Hamnavoe, Burra (Independent) (Electorate 745. 71% poll – 51% of votes cast)
20 Cunningsburgh & Sandwick	Thomas W Stove , Nordaal, Setter, Sandwick (Independent) (Electorate 765. Elected unopposed)
21 Sandwick, Levenwick & Bigton	William Tait , Bonavista, East Ireland, Bigton (Independent) (Electorate 741. 62% poll – 61% of votes cast)
22 Dunrossness	Gordon G Mitchell , Thistles, Bigton (Scottish Liberal Democrat) (Electorate 709. Elected unopposed)

Shetland Islands Council Departments

Chief Executive: Morgan Goodlad, Town Hall, Lerwick

Department/Service	Executive Director/ Director	Head of Service	Address
Executive Services Dept. Information & Communication Technologies Unit Finance Services Legal & Administration Organisational Development	Morgan Goodlad	Stuart Moncrieff Graham Johnston Jan-Robert Riise John R Smith	Town Hall, Hillhead, Lerwick Garthspool, Lerwick Montfield, Burgh Road, Lerwick 4 Market Street, Lerwick 13 Hill Lane, Hillhead, Lerwick
Community Services Dept. Education Community Development Social Care Housing	Jacqui Watt	Alex Jamieson George Smith Christine Ferguson/ Ann Williamson (acting) Chris Medley	Hayfield House, Hayfield Lane, Lerwick Hayfield House, Hayfield Lane, Lerwick Hayfield House, Hayfield Lane, Lerwick Quendale House, Lerwick Fort Road, Lerwick
Economic Development Unit	Morgan Goodlad	Alastair Cooper/ Douglas Irvine	Greenhead, Lerwick
Infrastructure Services Dept. Transport Roads Environment Planning	Graham Spall	Ian Bruce Ian Halcrow Stephen Cooper Alastair Hamilton	Grantfield, Lerwick Grantfield, Lerwick Grantfield, Lerwick Grantfield, Lerwick Grantfield, Lerwick
Ports & Harbours Dept.	James Dickson		Port Administration Building, Sella Ness, Sullom Voe

Shetland Islands Council Finance

	2000/01			2001/02 (Budget)		
Services Provided by Shetland Islands Council	Revenue Expend. £'000	Capital Charges £'000	Total Expend. £'000	Revenue Expend. £'000	Capital Charges £'000	Total Expend. £'000
GENERAL FUND EXPENDITURE						
Chief Executive	6,016	120	6,136	4,038	120	4,158
Community Services	41,627	7,313	48,940	39,588	4,860	44,448
Corporate Services	7,621	(11,923)	(4,302)	1,746	(3,012)	(1,266)
Development	2,250	475	2,725	2,457	719	3,194
Infrastructure Services	14,865	6,782	21,647	16,205	5,862	22,067
Marine Operations	8,018	1	8,018	7,784	1	7,785
Committee Expenditure	80,397	2,768	83,165	71,836	8,550	80,386
Source of Finance:						
Revenue Support Grant			(48,593)			(52,387)
Non-Domestic Rates			(7,650)			(6,903)
Council Tax			(4,890)			(5,209)
Contributions and Balances			(22,030)			(15,887)
General Fund Balance			0			0
HARBOUR ACCOUNT EXPENDITURE						
Harbour Operations	6,251	3,832	10,083	6,681	709	7,390
Source of Finance:						
Tanker Traffic			(6,991)			(7,376)
Mooring Charges			(441)			(405)
Boarding and Landing			(448)			(480)
Pilotage			(821)			(871)
Grants and Reimbursements			(3)			(3)
Other Income			(6,336)			(1,693)
Harbour Account Balance			(4,956)			(3,439)
HOUSING REVENUE ACCOUNT EXPENDITURE						
Housing Services	3,359	6,150	9,509	3,850	5,915	9,765
Source of Finance:						
Housing Support Grant			(2,759)			(2,809)
Rents and Other Client Income			(5,200)			(5,343)
Financing and Contributions			(1,550)			(1,613)
Housing Revenue Account Balance			0			0

Source: Department of Finance 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* Pence per £	1999/2000 Pence per £	2000/01 Pence per £	2001/02 Pence per £
Non-Domestic Rates				
General	44.90	48.90	45.80	47.00
Water	9.75	9.72	9.60	9.76
Sewerage	8.06	6.12	8.04	9.61
Total	62.71	64.74	63.44	66.37

	1996/97* Pence per £	1999/2000 Pence per £	2000/01 Pence per £	2001/02 Pence per £
Council Tax (Band D)				
General	443.21	621.00	684.00	747.00
Sewerage	65.50 gross 4.50 net	90.60	134.20	157.55
Water	116.00	119.15	165.38	192.63
Total	563.71	830.75	983.58	1,097.18

* Water and sewerage services passed to North of Scotland Water Authority on 1 April 1996 and are now under the remit of Scottish Water.

Domestic sewerage charges were subject to transitional relief grants, hence the gross and net figures given above for 1996/97 – 1998/99.

Council Tax 2001/02

Band	Property Value	General Fund Council Tax (£)
A	Up to £27,000	498.00
B	£27,001 – £35,000	581.00
C	£35,001 – £45,000	664.00
D	£45,001 – £58,000	747.00
E	£58,001 – £80,000	913.00
F	£80,001 – £106,000	1,079.00
G	£106,001 – £212,000	1,245.00
H	Over £212,001	1,494.00

Source: Department of Finance Services, SIC

Community Councils

Community Council	Clerk	Tel.
Aithsting & Sandsting	Ms Laurena Fraser, West Burrafirth, Bridge of Walls	(01595) 809203 (Home)
Bressay	Mrs Sharon Anderson, 1 Roadside, Bressay	(01595) 820757 (Home)
Burra & Trondra	Mrs Joyce Adamson, 12 Atlanness, Hamnavoe, Burra	(01595) 859426 (Home)
Delting	Mrs Vera Clark, Braehead, Mossbank	(01806) 242282 (Home)
Dunrossness	Mrs Shirley Leslie, Ringesta, Quendale	(01950) 460868 (Home)
Fetlar	Mrs 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 E. Ganson, Lochend, Girlsta	(01950) 840460 (Home)
Northmavine	Mrs Frances Williamson, Kerika, Ollaberry	(01806) 544211 (Home)
Sandness & Walls	Mrs B. Henry, Pier House, Walls	(01595) 809274 (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 M. Smith, Stenaquoy, Wormadale	(01595) 840480 (Home)
Yell	Mrs J. Smiles, Aywick, East Yell	(01957) 702279 (Home)
Association of Shetland Community Councils	Secretary & Treasurer: Mrs Wendy Fraser, 11 Mounthooly Street, Lerwick	(01595) 693816

Source: Department of Legal & Administrative Services, SIC

Culture and Media

Best Sellers 2002

Shetland Interest Books

- 1 Shetland Humour**
John J. Graham
- 2 Around Shetland: A Picture Guide**
Various
- 3 Good Old Days**
James W. Irvine
- 4 Saga of the Earls**
Adam Robson
- 5 Shetland Black**
Laureen Johnson
- 6 Atween da Hills**
Aald Daa an Freends
- 7 Orkney and Shetland Steamers**
Alistair Deayton
- 8 The Shetland Bus**
David Howarth
- 9 Shetland Crofter Postie**
David Simmons
- 10 Aald Smucks**
Linda Agnes Miller

Source: Shetland Times Bookshop

Shetland CD and Music Cassette Local Retail Sales

- 1 Da Farder Ben Da Welcomer**
Fiddlers' Bid
- 2 Hamnataing**
Fiddlers' Bid
- 3 A Shetland Dance**
Da Fustra
- 4 Indigo Skies**
Shoormal
- 5 Bridging the Gap**
Shetland Young Heritage
- 6 The Silver Bow**
Aly Bain and Tom Anderson
- 7 Visions**
Shetland Young Heritage
- 8 Debbie Scott**
Debbie Scott
- 9 Willie's Last Session**
Willie Hunter
- 10 Rowin' Foula Doon**
Hom Bru

Source: Shetland Music Distributors Ltd.

Media

	Av. Sales per issue		
The Shetland Times	Weekly	10,977	(Jan – Jun '02)
Shetland Fishing News	Monthly	1,400	(Jan – Dec '02)
Shetland Life	Monthly	2,424	(Nov '01 – Sep '02)
Shetland Post	Monthly	n/a	
New Shetlander	Quarterly	1,800	(Jan – Dec '02)

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

£

Finnie, M	Shetland, An Illustrated Architectural Guide	6.00
Jackson, Bill	Images of Shetland	8.99
Penrith, James & Deborah	Scottish Islands: Orkney and Shetland	11.95
(Various)	Around Shetland: A Picture Guide	5.99

Economy, Archaeology and History

£

Ballantyne, John & Smith, Brian	Shetland Documents 1580-1611	7.50
Brown, Callum G	Up-Helly-Aa: Customs, Culture & Community in Shetland	12.00
Chadwick, Frank	Gash Boat	9.95
Crawford, B E	Northern Isles Connections	14.99
Donaldson, G	Court Book of Shetland 1615-1629	8.50
Donaldson, G	Isles of Home	15.00
Downes, Jane	Prehistoric Houses at Sumburgh in Shetland	20.00
Eastwood, M & J	E. B. Jamieson – Anatomist & Shetlander	9.99
Fojut, Noel	A Guide to Prehistoric and Viking Shetland	12.00
Graham, John	A Vehement Thirst After Knowledge: Four Centuries of Education in Shetland	20.00
Graham, L & Smith, B (Ed)	MacDairmid in Shetland	7.95
Grieg, Robert M	Doing His Bit: A Shetland Soldier in The Great War	8.99
Hobbin, Agnes	A Peerie Peek at da Past	8.99
Howarth, David	The Shetland Bus	7.99
Irvine, James W	Good Old Days	7.50
Irvine, James W	The Dunrossness Story	13.50
Nicolson, James R	Shetland Fishermen – Celebrating 50 years of the Shetland Fishermens' Association	15.99
Nicolson, James R	The Swan – Shetland's Legacy of Sail	9.99
Robarts, Fred	Ultima Thule – Recollections of Shetland Holidays in the 1930s – in Pictures	12.00
Robson, Adam	The Saga of the Earls	30.00
Sandison, Charles	Sixareen and Her Racing Descendents	4.50
Sandison, Ronald	Christopher Sandison of Eshaness (1781-1870) – Diarist in an Age of Social Change	24.00
Smith, Brian	Toons & Tenants: Settlement & Society in Shetland 1299-1899	13.99
Sørvaag, Trygve	The Shetland Bus 1940-45 – Faces and Places 60 Years On	25.00
Simmons, David	Shetland Crofter Postie	8.99
Strachan, David	As Time Goes By	8.99
Telford, Susan	In a World a Wir Ane: A Shetland Herring Girl's Story	7.99
Thomason, Edward	Island Challenge	18.00
Turner, Val	Ancient Shetland	15.99
Turner, Val (Ed)	The Shaping of Shetland	12.00
Walls Regatta Club	Walls Regattas 1895-1996	7.50

Natural Environment and Wildlife £

Copland, John	Hardy Plants in the North	5.99
Dymond, J	The Birds of Fair Isle	5.95
Gammack, Joyce	A Shetland Nature Diary	9.95
Gosling, A (Ed)	A Century of Shetlands 1890-1990	15.00
Guy, Peter	Walking the Coastline of Shetland, The Island of Yell	6.95
Guy, Peter	Walking the Coastline of Shetland, No. 2 (Unst)	9.99
Guy, Peter	Walking the Coastline of Shetland, No. 3 (Fetlar)	4.99
Guy, Peter	Walking the Coastline of Shetland, No. 4 (Northmavine)	4.00
Guy, Peter	Walking the Coastline of Shetland, No. 5 (Westside)	6.95
Guy, Peter	Walking the Coastline of Shetland, No. 6 (South Mainland)	8.99
Harrop, Hugh	Where to Watch Birds	6.00
Hodson, A	Shetland Pony	14.95
Hunter, Margaret	Shetland Ponies	17.99
Jamieson, Harry	Harry's Shetland Fishing Almanac 2003	3.90
Johnston, J Laughton	A Naturalist's Shetland	20.00
Russell, V	Shetland Ponies	15.99
Scott, Walter; Harvey, Paul;		
Riddington, Roger; & Fisher, Morag	Rare Plants of Shetland	21.75
Shetland Anglers' Association	Trout Fishing in Shetland	9.95
Welsh, M	Walks on Shetland	6.50

Language, Folklore, Fiction, Poetry, Food and Music £

Anderson, Tom	The Tom Anderson Collection, Volume One	8.95
Barnes, Michael P	The Norn Language of Orkney & Shetland	9.95
Cluness, A T	Told Round the Peat Fire	9.99
Cluness, Alex	Shetland and Other Poems	5.99
Cooper, Susan	Key Notes: The History of the Lerwick Orchestra	9.00
De Luca, Christine	Wast Wi' Da Valkyries	8.99
Graham, J J	Shadowed Valley	9.99
Graham, J J	Shetland Humour	6.99
Guy, Christine	Songs and Sights of Shetland	7.99
Hall, David Alan	Doon da Gait	9.50
Hallett, Nigel	Da Roup & Other Tunes	7.50
Hunter, William A	Tunes Composed by William A. Hunter, Shetland	8.50
Jamieson, F & R	Levenep Head	6.00
Jamieson, F & R	Vidlin Voe	7.50
Johnson, Laureen	Shetland Black	8.99
Nicolson, Judi	Waves of Sound	6.50
Polson, Sam	Unst Fiddle Tunes	6.50
Pugh, Sheenagh	Kirstie's Witnesses	8.95
Ritch, P J	Mother Wave – Collection of Verse	6.95
Robertson, T A & Graham, J	Grammar and Usage of the Shetland Dialect	6.95
Scott, Sir Walter	The Pirate	8.99
Simpson, Charlie	In Da Galley	12.99
Stove, Magnus J	The Shetland Violinist	6.50
Watt, Jessie	Holm Sweet Holm	12.00

Knitting £

Miller, Sharon	Heirloom Knitting	30.00
Simmons, J	A Shetland Dye Book	4.50

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