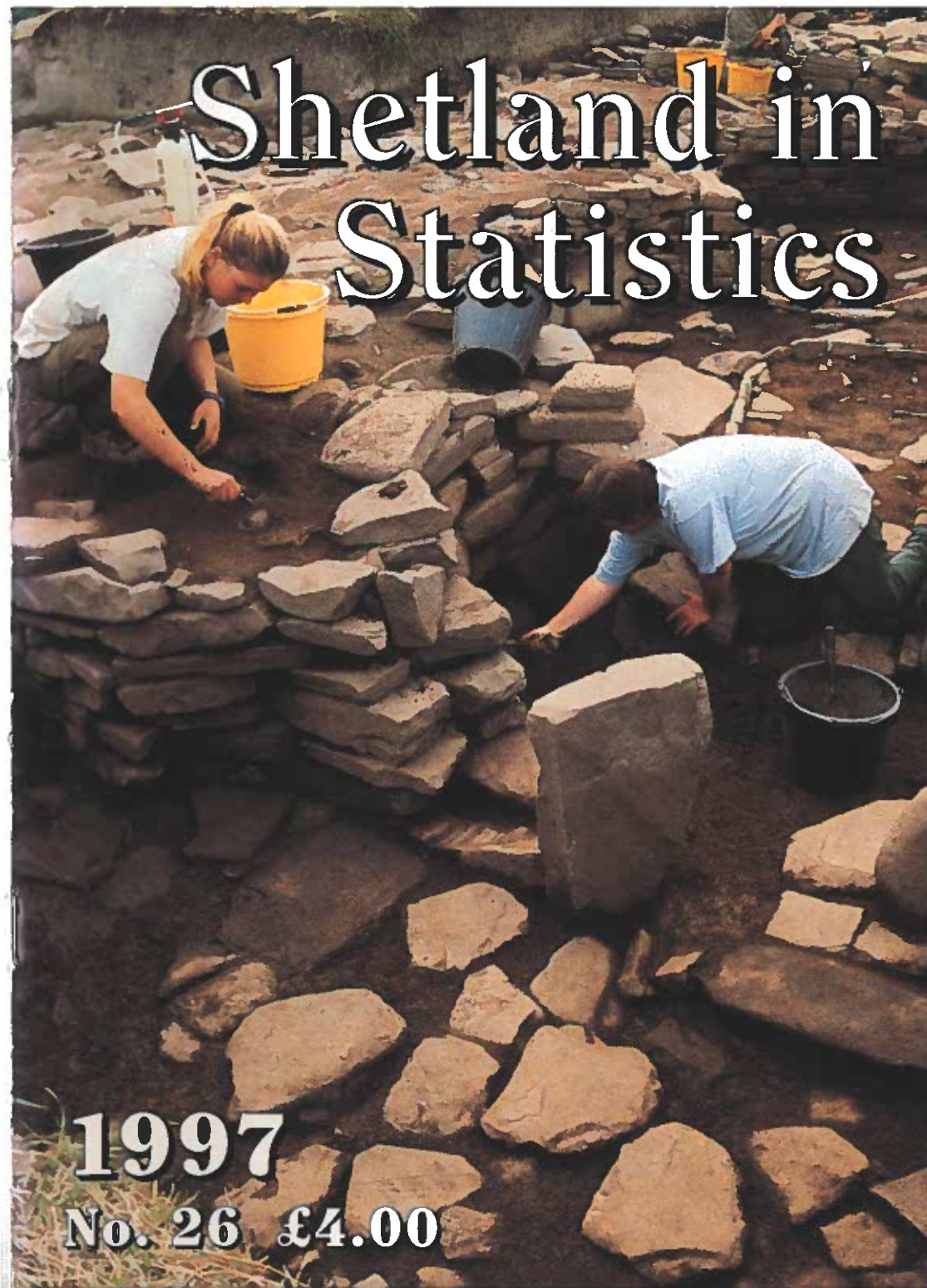


Map supplied by Shetland Islands Tourism



Shetland in Statistics

1997
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Shetland in Statistics



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Cover photo:
Old Scatness Broch Excavations,
Courtesy of Shetland Amenity Trust.

Shetland: Physical Characteristics

Distance by road in kilometres (miles) from Lerwick.

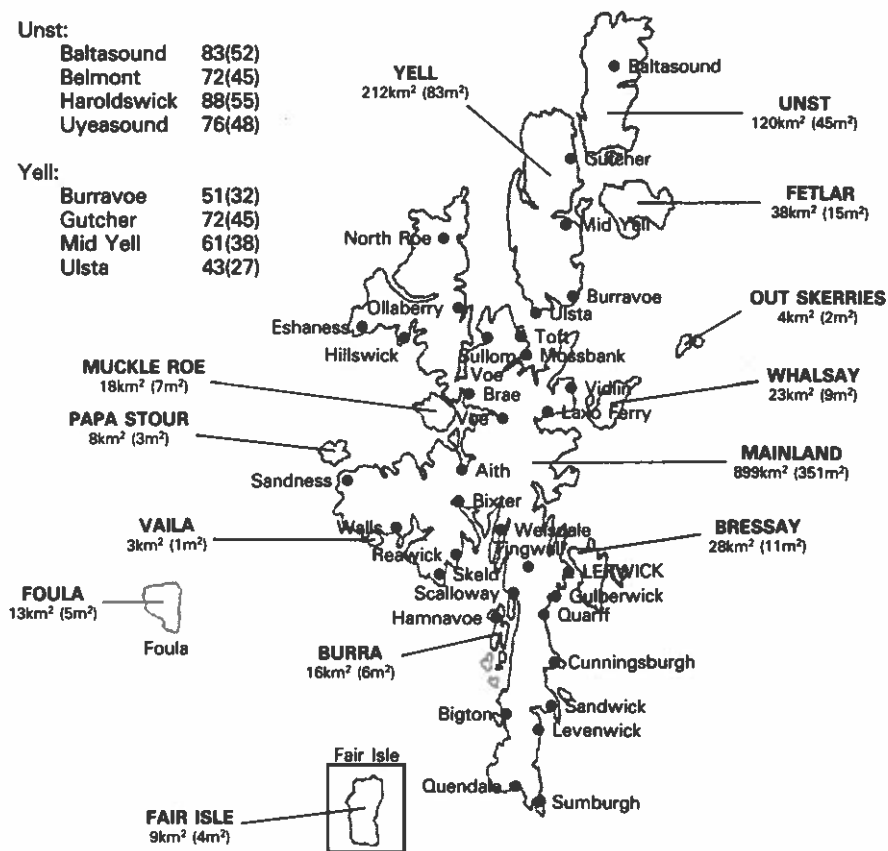
Aith	34(21)	Laxo Ferry	35(22)	Scalloway	13(8)
Bigton	30(19)	Levenwick	28(18)	Skeld	40(25)
Bixter	27(17)	Mossbank	43(27)	Sullom Voe	46(29)
Brae	35(22)	North Roe	61(38)	Sumburgh	40(25)
Cunningsburgh	18(11)	Ollaberry	53(33)	Tingwall	10(6)
Eshaness	62(39)	Quarff	11(7)	Toft Ferry	43(27)
Girlista	16(10)	Quendale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

Unst:

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

Yell:

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



Total Area of Shetland: 1,468 square kilometres (567 square miles)*
 Total Length of coastline: approx. 1,450 kilometres (900 miles)**
 * Ordnance Survey, 1988
 ** Prof. D. Flinn, 1975 estimate

Number of islands: 100 +
 Number of inhabited islands: 15

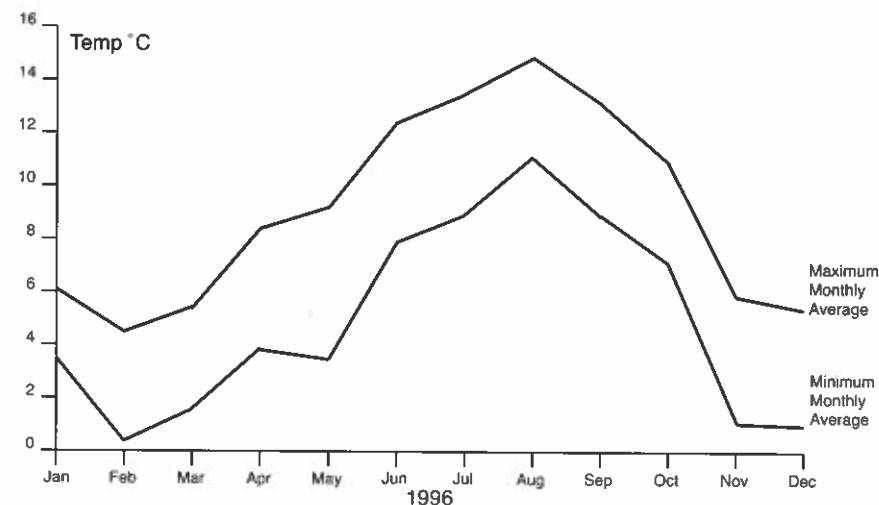
Weather

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 1996 are as follows:

Temperature (degrees C)

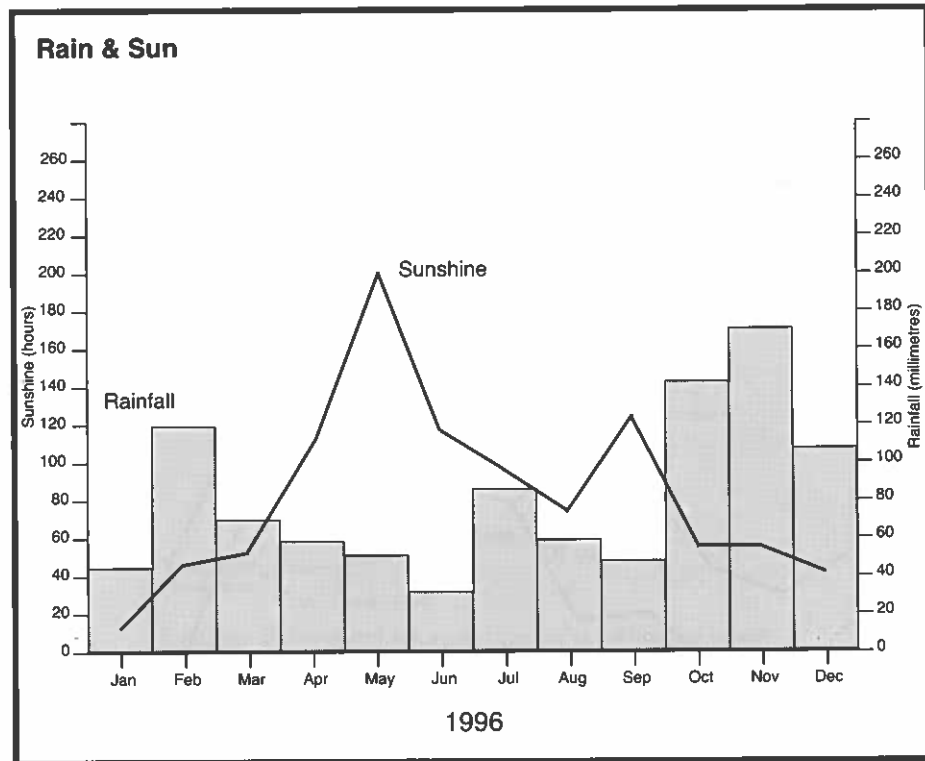
	1996		Extreme Daily Values (1922-1996)	
	Monthly Average		Max. (Year)	Min. (Year)
Jan	6.1	3.5	11.7 ('32, '50)	-8.9 ('52, '59)
Feb	4.4	0.4	11.7 ('45)	-7.3 ('80)
Mar	5.4	1.5	13.3 ('61)	-8.3 ('47)
Apr	8.3	3.9	16.1 ('42)	-5.7 ('68)
May	9.1	3.5	20.7 ('92)	-2.8 ('23)
Jun	12.3	7.9	23.3 ('58)	-0.6 ('24, '29, '31, '51)
Jul	13.3	8.9	23.4 ('91)	3.3 ('21)
Aug	14.7	11.1	21.5 ('82)	1.7 ('21)
Sep	13.1	8.9	19.4 ('53)	-0.6 ('54)
Oct	10.8	7.2	17.2 ('55)	-3.3 ('48)
Nov	5.8	1.1	13.9 ('46)	-5.7 ('62)
Dec	5.4	1.0	12.2 ('48)	-8.2 ('61)
Year	9.1	4.9		

Temperature



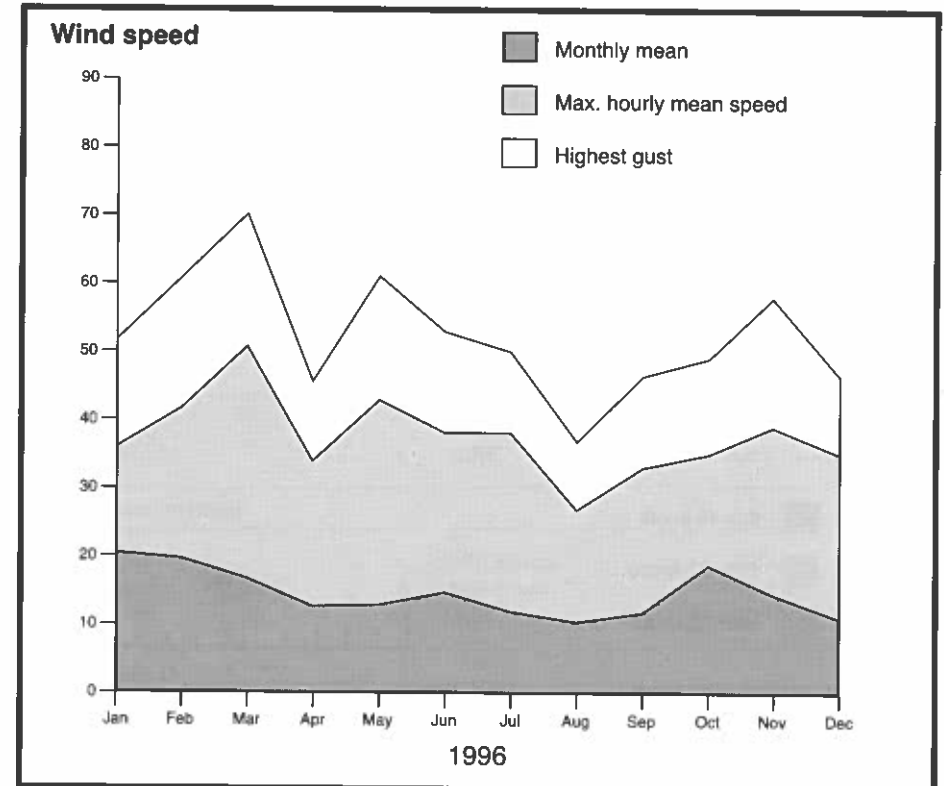
Sunshine and Rainfall (Monthly Totals)

	Sunshine (hours)		Rainfall (millimetres)	
	1996	Extreme daily values (1922-1996)	1996	Extreme daily values (1922-1996)
Jan	11.8	6.6 ('39)	45	39 ('27)
Feb	43.0	9.8 ('40)	119	44 ('26)
Mar	55.6	11.6 ('64)	71	40 ('52)
Apr	112.4	14.8 ('26)	59	34 ('40)
May	200.3	16.2 ('40, '57, '80)	52	50 ('66)
Jun	117.2	17.4 ('34)	33	37 ('81)
Jul	94.2	16.6 ('35)	85	86 ('35)
Aug	75.6	15.1 ('38)	59	47 ('94)
Sep	124.4	12.6 ('43)	49	47 ('54)
Oct	56.8	10.1 ('37)	143	59 ('81)
Nov	56.6	6.8 ('67)	171	66 ('49)
Dec	40.9	5.1 ('57)	107	68 ('95)
Year	988.8		993	



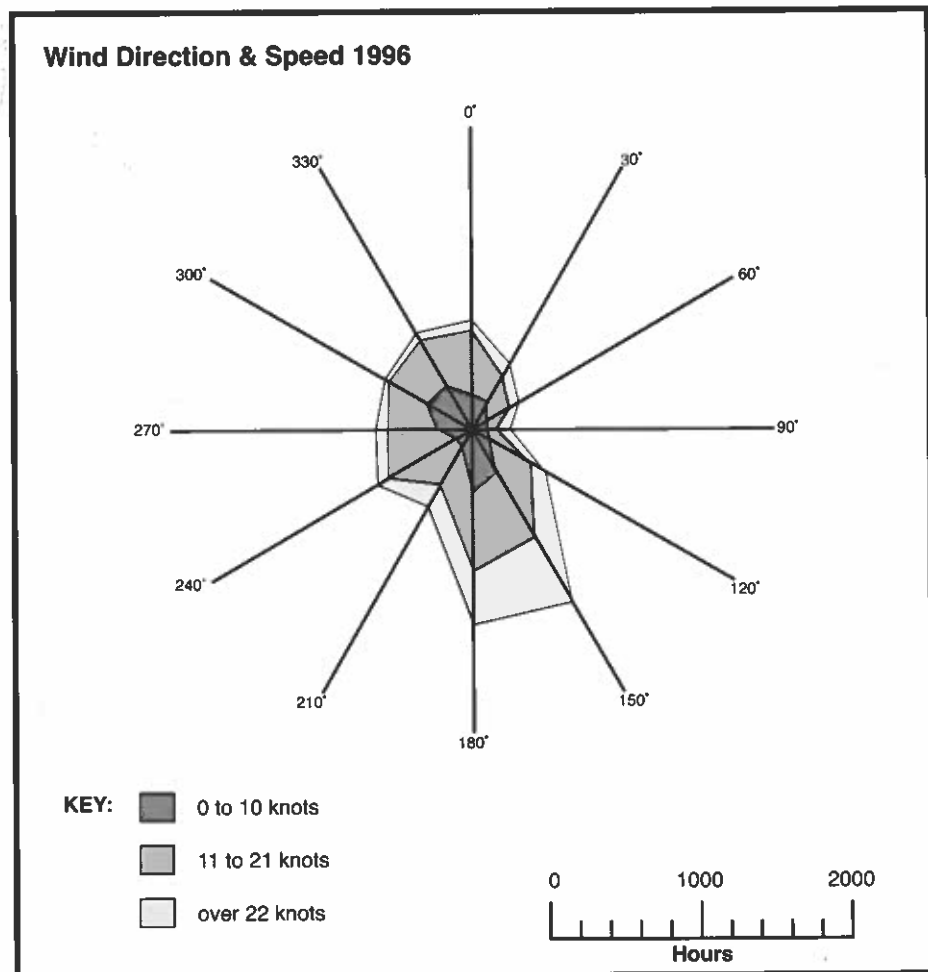
Wind Speed (knots)

	Monthly average 1996	Maximum hourly average speed 1922-1996			Highest gust 1922-1996		
		1996 (speed)	direction	year	1996 (speed)	direction	year
Jan	20.5	36	(64)	220 (1961)	52	(95)	220 (1960 & 1992)
Feb	19.8	42	(56)	230 (1981)	61	(83)	220 (1957)
Mar	17.0	51	(53)	240 (1967)	70	(77)	240 (1967)
Apr	13.2	34	(55)	250 (1957)	46	(78)	250 (1957)
May	13.3	43	(44)	100 (1982)	61	(65)	110 (1982)
Jun	14.9	38	(42)	260 (1955)	53	(61)	260 (1955)
Jul	12.4	38	(40)	030 (1940)	50	(61)	290 (1964)
Aug	10.5	27	(50)	240 (1923)	37	(71)	240 (1923)
Sep	12.1	33	(59)	210 (1978)	46	(87)	260 (1963)
Oct	18.4	35	(58)	230 (1965)	49	(90)	250 (1980)
Nov	14.8	39	(51)	240 (1973)	58	(80)	220 (1938)
Dec	11.3	35	(58)	260 (1949)	47	(90)	220 (1956)



Wind Direction & Speed in Hours 1996

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°
0 to 10 knots	231	224	105	107	152	354	424	169	188	248	363	396
11 to 21 knots	422	203	160	68	299	488	543	276	435	320	279	340
Over 22 knots	64	76	94	49	189	496	323	207	174	67	10	23



Climatic Conditions (days) 1996

	Snow or Sleet	Air Frost	Thunder	Gales	Fog	Rain
Jan	7	1	1	4	0	25
Feb	19	8	1	9	0	25
Mar	14	6	0	3	0	20
Apr	4	3	1	1	2	15
May	5	2	0	1	0	21
Jun	0	0	0	3	1	17
Jul	0	0	0	1	4	19
Aug	0	0	0	0	4	17
Sep	0	0	0	2	2	11
Oct	0	0	1	4	0	26
Nov	14	11	0	9	0	28
Dec	10	13	0	2	2	23
Total	73	44	4	39	15	247

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

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

Thunder: thunder heard at any time of day.

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

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

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

Extreme Values 1996

Temperature (deg. C.)

Max. Temp.	4th August	17.4° C
Min. Temp.	21st December	-3.0° C

Sunshine (hours)

Sunniest Day	7th May	12.6 hours
Sunniest Month	May	200.3 hours

Rainfall (millimetres)

Wettest Day	11th March	29.3 mm
Wettest Month	November	170.5 mm
Driest Month	June	33.1 mm

Wind Speed (knots)

Highest Gust	12th March	71 Kn
Windiest Month	January	20.5 Kn

Population

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

Population Breakdown by Age and Sex

Age group	1971			1981			1991			1996		
	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	845	776	1,621
5-9	715	680	1,395	901	881	1,782	815	743	1,558	868	854	1,722
10-14	620	595	1,215	959	913	1,872	903	837	1,740	812	760	1,572
15-19	585	550	1,135	907	846	1,753	831	790	1,621	857	739	1,596
20-24	610	515	1,125	886	791	1,677	838	757	1,595	709	605	1,314
25-29	565	530	1,095	1,006	852	1,858	883	785	1,668	910	842	1,752
30-34	505	470	975	1,052	874	1,926	857	792	1,649	988	870	1,858
35-39	485	465	950	857	782	1,639	917	795	1,712	905	835	1,740
40-44	475	445	920	706	577	1,283	933	787	1,720	892	769	1,661
45-49	565	515	1,080	571	518	1,089	767	713	1,480	946	785	1,731
50-54	405	495	900	503	520	1,023	614	556	1,170	734	692	1,426
55-59	530	555	1,085	542	516	1,058	500	491	991	583	539	1,122
60-64	490	610	1,100	385	488	873	439	454	893	473	466	939
65-69	440	580	1,020	443	510	953	415	474	889	390	423	813
70-74	345	450	795	371	512	883	295	439	734	337	444	781
75-79	205	355	560	239	411	650	261	396	657	207	374	581
80-84	120	245	365	157	259	416	165	314	479	149	279	428
85 +	60	160	220	64	191	255						
85-89							72	182	254	57	185	242
90 +							24	61	85	23	98	121
Total	8,430	8,895	17,325	11,437	11,331	22,768	11,359	11,163	22,522	11,685	11,335	23,020

1971, 1981, 1991 figures from Census.

1996 figures from General Register Office, Scotland, 1996 mid-year estimate.

Population of Shetland by Area based on Census Data:

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

* Estimated

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

1981 Census - Resident Population excluding absent households.

1991 Census - Resident Population including absent households.

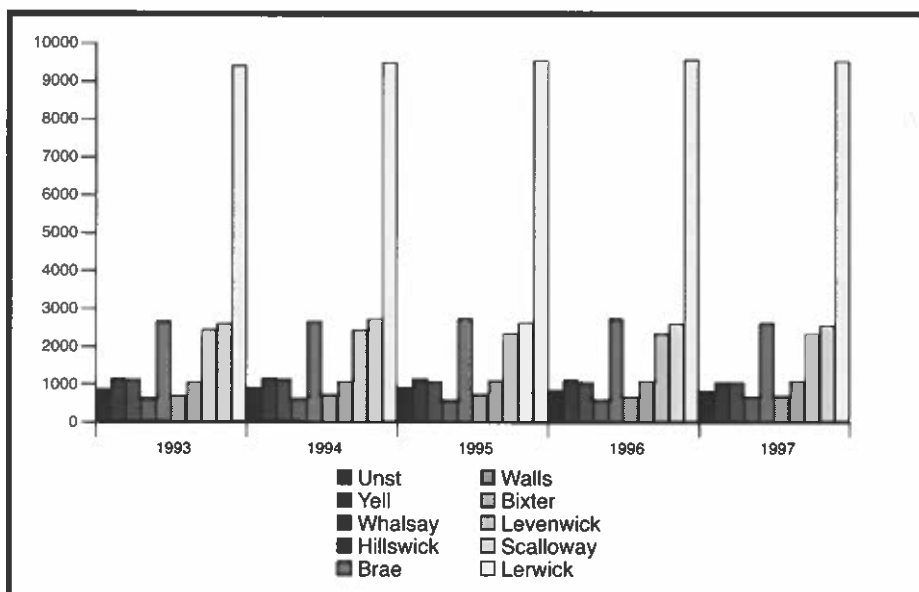
The 1991 estimate is the more accurate representation of the usually resident population.

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

Note: Until 1981 the Scalloway population is included in the Whiteness/Weisdale/Gott/Tingwall figures.

Population by Doctor Registration Areas

	1993	1994	1995	1996	1997
Unst	872	882	886	862	832
Yell	1,152	1,159	1,154	1,133	1,110
Whalsay	1,125	1,128	1,119	1,110	1,095
Hillswick	688	673	668	676	691
Brae	2,719	2,718	2,732	2,733	2,685
Walls	702	716	715	695	701
Bixter	1,053	1,076	1,094	1,085	1,073
Levenwick	2,419	2,417	2,382	2,386	2,336
Scalloway	2,659	2,676	2,667	2,670	2,651
Lerwick	9,476	9,499	9,549	9,617	9,583
Total	22,865	22,944	22,966	22,967	22,757



Economy and Industry

Economic Performance

The output value of the Shetland economy was estimated to be £456.4 million 1996. This represents a drop of £2.3 million in comparison with 1995, a reduction of less than 1%. The table below shows how the individual sectors performed with oil production (the running cost of SVT) falling by £15 million; Council outturn figures down by £0.9 million; and, Fisheries (the combined output from fish catching, fish processing and fish farming) increasing by £11.5 million. The fall in the value of the economy was negligible especially as the 1995 figure was a fall of £34 million in comparison with 1994. The service sector figure (construction, retail, oil services, government, etc.) reflects the overall minor downturn.

Value of the Shetland Economy

	1994 £m	1995 £m	1996 £m
Oil Production	90.0	65.0	50.4
Combined Fisheries Output	77.4	85.0	97.8
Agriculture	13.5	13.5	14.3
Knitwear	4.0	4.0	4.0
Tourism	10.0	10.9	11.3
Shetland Islands Council	117.0	112.0	111.1
Services	181.0	168.4	167.6
Total	492.9	458.8	456.5

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

Traditional Industry Output Values (£ million)

	1982/83	1985/86	1990/91	1992	1994	1995	1996
Fish Catching	11.2	17.0	16.7	20.0	25.0	85.0*	97.8*
Fish Processing	12.7	15.0	21.0	25.0	42.0		
Salmon Farming	-	3.3	23.3	33.0	35.0		
Agriculture	5.8	7.8	10.0	11.0	13.5	13.5	14.3
Knitwear	4.2	6.4	3.5	4.0	4.0	4.0	4.0
Tourism	3.5	5.9	10.0	10.0	10.0	10.9	11.3
Total	37.4	55.4	84.5	103.0	129.5	113.4	127.4

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

Source: Development Department, SIC

Employment

Economic Activity in Shetland 1971-1991

	1971			1981			1991		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
A	8,432	8,895	17,327	11,437	11,331	22,768	11,359	11,163	22,522
B	6,245	6,825	13,070	8,511	8,493	17,004	8,653	8,633	17,286
C	4,935	1,890	6,825	7,056	3,901	10,957	6,906	4,541	11,447
D	4,645	1,785	6,430	6,721	3,743	10,464	6,382	4,309	10,691
E	290	105	395	335	158	493	387	149	536
F	79.0%	27.7%	52.2%	82.9%	45.9%	64.4%	79.8%	52.5%	66.2%

A — Total Population (Census); B — Total Population 16+; C — Resident: Economically Active;
D — Resident: In Employment; E — Resident: Out of Employment;
F — % Economically Active (of 16+ population)

Source: Population Census

Unemployment percentage as at June each year

	1971	1981	1988	1989	1990	1993	1994	1995	1996	1997
Shetland %	3.8	5.3	6.4	4.9	3.7	4.1	3.2	3.0	3.8	3.2
Actual Figures Jan:	—	402	740	657	416	470	455	408	438	493
July:	—	457	611	440	366	420	401	394	466	399
Orkney %	3.9	9.0	11.2	7.9	5.6	5.5	4.6	4.2	4.3	3.6
Western Isles %	18.0	20.1	20.2	14.3	11.9	14.7	11.6	11.3	9.9	7.9
Grampian %	3.7	7.6	7.5	5.3	3.8	5.0	5.3	4.3	—	—
Strathclyde %	6.7	16.1	15.6	12.6	11.3	12.9	11.6	9.9	—	—
Scotland %	5.5	13.5	11.6	9.1	7.7	9.5	9.7	7.9	7.8	6.4

Source: JobCentre, Lerwick

School Leavers Main Destinations 1995/96

School	Total number of leavers	Full time Higher Education	Full time Further Education	Training	Employment	Other
Aith Junior High	9	0	0	4	4	1
Anderson High	247	95	26	44	64	18
Baltasound Junior High	2	0	0	1	1	0
Brae High	40	16	4	9	8	3
Mid Yell Junior High	7	0	0	6	1	0
Sandwick Junior High	13	0	6	5	2	0
Scalloway Junior High	21	0	2	12	7	0
Skerries School	0	0	0	0	0	0
Symbister Junior High	5	0	0	3	2	0
Total	344	111	38	84	89	22

Note: Other includes unemployed

Source: Shetland Careers Service

Employment in Shetland

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

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

Distribution of Employment by Area/Type/Gender 1994

(Male/Female)	Primary		Manufacturing		Construction		Service		Total		Total
	M	F	M	F	M	F	M	F	M	F	
Unst	66	9	12	5	16	2	73	96	167	112	279
Yell	80	17	14	12	6	0	40	97	140	126	266
Fetlar	13	5	0	0	0	0	2	10	15	15	30
Mavis Grind/North	69	16	7	2	0	1	27	45	103	64	167
Delting	546	59	47	7	63	2	531	221	1187	289	1476
Nesting	12	9	0	1	8	6	0	9	20	25	45
Whalsay	188	1	27	62	0	1	15	76	230	140	370
Skerries	51	0	0	0	0	1	5	11	56	12	68
Tresta & Br. of Walls	83	27	5	13	69	3	33	54	190	97	287
West of Br. of Walls	100	26	6	2	8	0	15	40	129	68	197
Foula	0	2	0	2	0	0	2	5	2	9	11
Papa Stour	6	0	0	0	0	2	1	2	7	4	11
W/W/T*1	54	27	46	18	73	3	28	61	201	109	310
Scalloway	182	10	81	51	5	2	121	92	389	155	544
Trondra	0	1	0	1	0	0	0	1	0	3	3
Burra	22	3	12	14	10	0	16	24	60	41	101
S/C**	26	15	12	21	66	3	25	51	129	90	219
Bigton Jun/South	58	4	1	1	12	2	234	105	305	112	417
Fair Isle	0	0	3	9	0	3	5	13	8	25	33
Lerwick	192	7	447	216	588	27	1963	2760	3190	3010	6200
Bressay	9	1	22	2	0	0	4	14	35	17	52
Quarff/Gulberwick	1	1	13	2	1	2	4	6	19	11	30
Total	1758	240	755	441	925	60	3144	3793	6582	4534	11,116

*1 Whiteness, Weisdale and Tingwall

** Sandwick and Cunningsburgh

Source: Development Department, SIC

Fisheries

Fish Landed in Shetland by UK Vessels (excluding pelagic landings)

	White Fish		Shell Fish		Sand Eels	
	Tonnes	£	Tonnes	£	Tonnes	£
1971	17,954	1,057,691	783	159,370	0	0
1976	13,457	2,587,548	588	202,339	18,548	515,398
1981	11,444	3,212,175	695	328,200	40,731	1,173,560
1985	15,314	8,806,974	642	416,693	17,223	528,129
1986	18,941	9,979,705	736	630,639	11,960	359,162
1987	17,298	12,764,227	868	623,891	8,141	249,273
1988	14,297	10,879,139	795	690,088	9,436	341,502
1989	12,427	10,735,844	1,033	1,134,586	7,947	304,986
1990	11,362	12,820,321	1,110	1,315,049	10,544	464,655
1991	10,603	10,823,185	1,004	1,402,010	8,249	392,776
1992	10,556	11,171,700	1,163	1,593,000	4,152	185,300
1993	12,633	11,670,477	1,020	1,374,362	2,943	123,949
1994	11,994	12,048,171	1,268	1,615,556	8,691	423,773

All Fish Landed in Shetland in 1996 (includes landings by non-UK vessels)

	Demersal		Pelagic		Shell Fish		Total	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
Jan	971	1,064,481	2,784	646,529	34	90,901	3,789	1,801,911
Feb	1,282	1,084,736	4,354	598,762	77	135,308	5,713	1,818,806
Mar	1,212	1,045,728	7,472	529,725	93	96,081	8,777	1,671,534
Apr	1,552	1,125,766	11,088	620,956	183	131,424	12,823	1,878,146
May	1,954	1,503,211	12,890	848,349	221	176,143	15,065	2,527,703
Jun	4,546	1,191,966	5,605	327,772	181	140,338	10,332	1,660,076
Jul	5,917	1,330,561	2,318	260,225	263	199,329	8,498	1,790,115
Aug	1,569	1,143,335	2,603	425,099	215	165,643	4,387	1,734,077
Sep	1,230	1,016,977	1,520	242,071	150	197,878	2,900	1,456,926
Oct	1,236	1,134,576	2,238	887,758	120	161,579	3,594	2,183,913
Nov	1,145	1,045,015	517	39,370	114	177,621	1,776	1,262,006
Dec	831	786,053	48	2,439	92	333,967	971	1,122,459
Total	23,445	13,472,405	53,437	5,429,055	1,743	2,006,212	78,625	20,907,672

Source: Scottish Office Fisheries Statistics Unit.

Included in White Fish Total

	1991		1994		1995		1996	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
Cod	2,220	2,744,602	2,039	2,330,252	3,852	3,915,120	3,683	3,200,233
Haddock	2,140	2,447,125	4,003	2,967,435	2,902	2,091,362	3,347	1,952,526
Whiting	2,463	1,437,210	2,215	1,112,922	2,064	1,162,463	1,790	966,244
Monkfish	1,429	3,554,426	1,728	4,050,368	1,892	4,350,196	2,676	5,047,928

Average Quay Prices per tonne

	1985 £	1986 £	1988 £	1991 £	1993 £	1994 £	1995 £	1996 £
Cod	634.85	828.42	894.84	1,236.31	1,022.95	1,142.84	1,016.39	868.92
Haddock	610.10	565.40	608.86	1,143.52	687.08	741.30	720.66	583.37
Whiting	476.92	506.43	580.81	583.52	468.89	502.44	563.20	539.80
Monkfish	—	1,507.60	1,450.83	2,487.35	2,404.20	2,343.96	2,299.26	1,886.37

Total Wet Fish landed in Shetland (all species)

	1985	1988	1991	1993	1994	1995	1996
Tonnes	68,966	65,842	104,187	107,140	153,062	135,311	78,627
£	13,826,680	15,661,106	21,338,570	23,907,266	30,101,794	28,277,723	20,907,671

Weight and Value of Catch by Species for 1996

Species Name	Weight (Tonnes)	Value (£)	Species Name	Weight (Tonnes)	Value (£)
Anglerfish (Monks)	2,676	5,047,928	Nephrops	74	259,793
Argentines	3	370	Norway Pout	214	3,547
Brill	<1	360	Other Flatfish	9	6,473
Capelin	863	48,328	Other or mixed Demersal	62	30,449
Catfish	32	44,776	Plaice	196	185,698
Cod	3,683	3,200,233	Pollack (lythe)	46	32,049
Crabs - Brown (edible)	508	321,937	Redfish	4	1,497
Crabs - Other	4	2,707	Roes	4	3,759
Crabs - Velvet (swim)	29	29,916	Saithe (Coalfish)	822	300,015
Dabs	1	181	Sandeels	9,009	489,110
Dogfish	91	63,858	Scallops	595	998,433
Eels	<1	8	Scallops - Queen	14	5,856
Eels - Conger	1	419	Shark	2	1,008
Forkbeard	<1	5	Skates & Rays	318	157,424
Gumards	<1	38	Sole - Lemon	45	55,469
Haddock	3,347	1,952,526	Sole or Dover Sole	<1	132
Hake	30	33,301	Sprats	470	28,176
Halibut	4	9,898	Squid	22	30,408
Halibut - Greenland	<1	70	Turbot	10	43,694
Herring	27,440	2,286,944	Tusk	23	8,168
Ling	816	585,207	Whelks	480	138,529
Livers	<1	209	Whiting	1,790	966,244
Lobsters	16	218,630	Whiting - Blue	18,637	1,103,879
Mackerel	5,995	1,957,673	Witches	33	29,291
Mackerel - Horse	31	3,686	Total Weight	78,625	
Megrimis	177	219,362	Total Value		£20,907,672

Pelagic Landings in Shetland (includes landings by non-UK vessels)

	Herring		Mackerel		Other Pelagic	
	Tonnes	£	Tonnes	£	Tonnes	£
1983	4,656	643,822	0	0	0	0
1984	17,784	2,251,719	49	2,782	488	25,393
1985	31,938	3,804,000	2,710	226,585	1,109	49,886
1986	51,230	5,216,706	226	29,558	313	31,302
1987	45,193	5,425,585	1,120	118,517	335	22,441
1988	36,910	4,233,525	917	55,579	4,282	151,361
1989	49,572	5,331,545	47,776	5,450,084	3,252	151,888
1990	49,113	5,479,327	39,197	4,515,021	5,530	250,333
1991	41,684	3,963,148	38,514	4,829,790	5,124	284,674
1992	37,497	3,596,300	59,777	7,255,200	3,945	183,200
1993	32,310	3,392,744	59,871	7,547,925	27,514	1,331,573
1994	44,167	4,769,194	81,814	10,838,992	19,693	1,126,183
1995	61,826	6,048,796	38,533	5,805,839	15,884	841,889
1996	27,440	2,286,944	5,995	1,957,673	20,004	1,184,439

Source: 1983-1995 Scottish Fisheries Protection Agency

1996 Scottish Office Fisheries Statistics Unit

Note: Pelagic landings in 1996 have been affected by the decrease in klondyker activity

Weight and Value of Catch by Method

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

Source: Scottish Fisheries Protection Agency

Employment in the Shetland Fishing Industry

	1971	1981	1983	1988	1989	1990	1992	1993	1994
Catching	636	542	515	535	547	491	488	534	526
Ancillary	171	243	244	330	386	332	352	385	381
Processing	967	480	516	370	445	533	583	580	557
Ancillary	—	244	310	240	290	350	419	417	403
Total	1,774	1,509	1,585	1,475	1,668	1,706	1,842	1,916	1,867

Source: Development Department, SIC

Distribution of Licensed Vessels by District

	1993	1994	1995
Creek 1 — Grutness/Sandwick	16	11	11
Creek 2 — Lerwick/Bressay	24	27	27
Creek 3 — Whalsay	42	40	40
Creek 4 — Out Skerries	8	7	7
Creek 5 — Yell/Fetlar/Unst	16	19	19
Creek 6 — Northmavine	6	6	6
Creek 7 — Central Mainland	4	4	4
Creek 8 — West Mainland	34	28	28
Creek 9 — Scalloway/Burra/Trondra	59	55	59
Total Licensed Vessels	209	197	201

Source: Scottish Fisheries Protection Agency

Distribution by Licensed Vessel Size

	Over 80ft*	50-80ft	30-50ft	0-30ft	Total
1971	0	38	36	59	133
1976	0	46	29	57	132
1981	0	43	27	44	114
1983	0	43	25	46	114
1985	0	41	29	55	125
1986	0	36	19	48	103
1987	0	39	15	64	118
1988	5	34	15	47	101
1989	6	36	21	64	127
1990	5	34	20	22	81
1991	5	34	20	22	81
1993	25	22	37	125	209
1994	28	23	48	98	197
1995	28	23	48	102	201

* New category introduced in 1988

Source: Scottish Fisheries Protection Agency

Fish Processing

Fish Processing

	1984	1985	1987	1988	1989	1990	1992	1993	1994	1995	1996
Number of firms	8	8	11	12	13	14	15	16	16	16	16
Number of factories	14	14	14	14	14	15	16	17	17	17	17

Processing Lines

	1984	1985	1987	1988	1989	1990	1992	1993	1994	1995	1996
White fish	11	11	12	7	7	5	6	6	6	6	6
Herring & Mackerel	1	1	1	0	1	1	1	1	1	1	1
Fish meal plants	2	2	2	2	2	1	1	1	1	1	1
Shellfish	2	2	2	2	2	3	3	3	3	3	3
Salmon	0	0	0	5	6	7	5	5	6	6	6
Smokers	0	0	2	2	2	2	3	4	3	3	3

Value (Actual turnover figures) £million

1993	1994	1995	1996
44.3	46.5	49.0	51.5

Source: Shetland Fish Processors' Association

Salmon Industry

Note: Figures prior to 1995 relate only to members of Shetland Salmon Farmers' Association.

Salmon Farms

	1984	1986	1988	1989	1990	1991	1992	1993	1994	1995	1996
Farms Established	5	13	10	6	1	0	0	2	1	0	1
Farms Producing	4	27	43	49	58	59	52	51	51	46	46
Total	9	40	53	55	59	59	52	53	52	46	47

Production

	1984	1986	1988	1989	1990	1991	1993	1994	1995	1996
Smolts Introduced (x000)	294	935	3,195	3,716	4,143	4,005	3,805	2,913	5,655	6,376
Production (tonnes)	50	1,500	4,575	6,731	6,461	10,614	9,700	10,500	14,200	19,700
Average Tonnes per Farm	13	56	106	137	111	180	190	206	309	428

Value

	1984	1986	1988	1989	1990	1991	1993	1994	1995	1996
Production value (£m)	.22	6	18	28	22	33	25	27	35	37
Average per Tonne	4,400	3,787	4,000	3,526	3,405	3,146	2,667	2,571	2,470	1,878

Employment

	1984	1988	1990	1991	1992	1993	1994	1995	1996
Direct	40	239	330	386	391	342	285	299	320
Ancillary	59	280	390	482	488	415	400	385	360
Total	99	519	720	868	879	757	685	684	680

Source: Shetland Salmon Farmers' Association and Development Department, SIC

Manpower and Production by Region in 1992-1996 and Estimated Production in 1997

Region		Staff F/T P/T	Annual Production	Production (t/man)	Year of Input		Gristle		Pre-salmon		Salmon	
					Tonnes	Mean wt (kg)	Tonnes	Mean wt (kg)	Tonnes	Mean wt (kg)	Tonnes	Mean wt (kg)
Shetland	1992	213 96	10,679	34	—	—	851	2.6	4,636	2.8	5,192	3.9
	1993	191 116	11,659	38	—	—	1,246	2.6	6,013	3.2	4,400	3.9
	1994	193 106	14,278	48	23	1.0	3,371	2.6	5,967	2.9	4,918	3.9
	1995	201 109	15,523	50	59	1.4	4,204	3.2	6,908	3.9	4,352	4.4
	1996	209 114	19,710	61	—	—	2,042	2.8	8,814	3.9	8,854	4.8
	1997		24,009									
All Scotland	1992	985275	36,101	29	—	—	6,723	2.1	14,650	2.6	14,728	3.4
	1993	976248	48,691	40	78	1.7	12,740	2.7	20,077	3.2	15,875	3.4
	1994	1,003242	64,066	51	389	1.5	17,386	2.7	24,479	3.5	21,812	4.3
	1995	1,104251	70,060	52	368	1.8	22,235	2.3	25,540	3.8	21,916	4.3
	1996	1,151242	83,121	60	638	2.0	25,776	3.0	32,222	3.8	24,485	4.5
	1997		100,110									

Source: The Scottish Office Agriculture, Environment and Fisheries Department

Agriculture

Main and Minor Holdings	1971	1981	1991	1995	1996
Land Use (Figures to nearest hectare):					
Tillage	1,410	1,062	749	493	411
Grassland & Crops	8,407	8,400	15,232	18,954	19,311
Rough Grazing (inc. C. Grazing)	129,019	133,160	130,516	126,388	126,466
Total Area Rented	38,130	36,046	36,738	39,568	40,041
Total Area Owned	28,161	30,368	34,400	33,663	34,541
No. of Holdings	2,439	2,240	2,433	2,333	2,193
No. of Common Grazings	93	93	100	100	100
Area Under Crops (Figures to nearest hectare):					
Grass (excl. Rough Grazings)	6,998	7,338	14,482	18,461	18,900
Barley & Oats	857	511	214	107	78
Turnips & Swedes	134	103	110	62	59
Kale & Cabbage	73	34	35	19	15
Potatoes	256	232	147	99	91
All Other Crops	17	25	144	145	120
Livestock:					
Beef Cows & Heifers	2,492	1,896	2,139	2,316	2,361
Dairy Cows & Heifers	791	593	648	636	731
Total Cattle	6,945	5,103	5,750	5,907	6,276
Breeding Ewes & Gimmers	*	*	214,881	220,210	219,350
Total Sheep	264,779	297,558	394,193	401,710	400,466
Pigs	9	83	28	64	143
Poultry	12,950	8,672	4,621	4,377	4,224
Registered slaughterhouses	9	8	4	2	3
Sheep Slaughtered	8,417	9,592	8,712	3,745	2,446
Cattle Slaughtered	485	278	339	29	89
Pigs Slaughtered	0	0	33	31	111
Sheep Exported	43,464	60,542	99,404	113,713	122,539
Cattle Exported	1,947	2,066	2,117	2,314	1,938
Ponies Exported	417	407	239	227	258
Wool Production (kilos)	*	c.212,000	c.300,000	c.300,000	c.300,000
Milk:					
Dairy Units	23	23	16	11	10
Milk Production (Litres)	1,428,975	2,069,550	2,584,564	2,848,583	2,751,721
Employment:					
F/T & P/T Employees	222	204	262	294	312
F/T & P/T Occupiers	439	457	918	682	619
Others (including occupiers less than half time, wives/husbands of occupiers and casual/seasonal labour)	584	718	1,446	1,741	1,773

Source: Scottish Office Agriculture, Environment and Fisheries Department

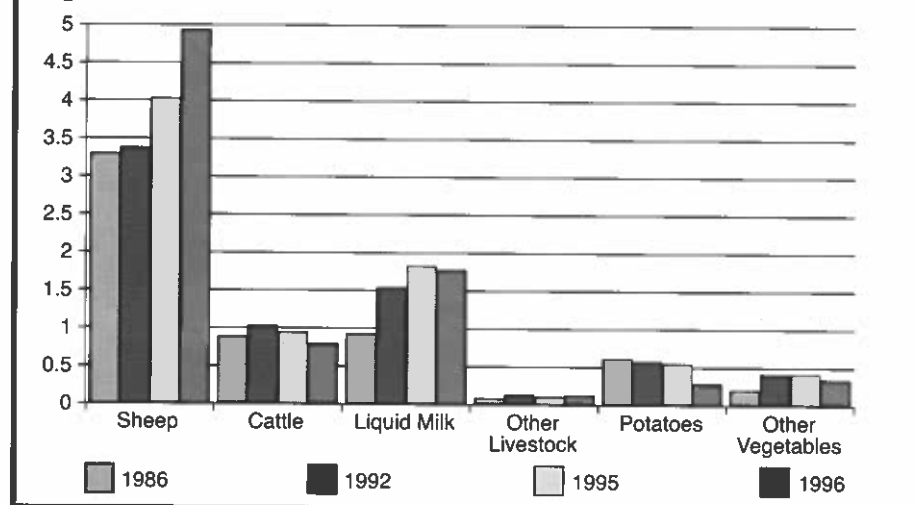
* Figures not available

Note: 1995 minor holdings results not available. Some figures are estimates

Production

Value (estimated £m)	1986	1992	1995	1996
Sheep	3.28	3.39	4.02	4.93
Cattle	0.86	1.04	0.91	0.73
Liquid Milk	0.90	1.55	1.80	1.74
Other Livestock	0.11	0.13	0.12	0.13
Potatoes	0.65	0.58	0.56	0.27
Other Vegetables	0.22	0.40	0.40	0.36
Total Production Value	6.02	7.09	7.81	8.16

Agricultural Production Value



SOAEFD Assistance (£m)	1986	1992	1995	1996
HLCA	1.33	1.92	1.24	1.25
Annual Premiums	0.89	4.36	4.57	4.71
ESA	—	—	0.04	0.13
Total Assistance	2.22	6.28	5.85	6.09
Total Production Value and Value of Assistance	8.24	13.37	13.66	14.25

Source: Development Department, SIC

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 323 agricultural loans approved up to and including the Trustee's meeting of 13th December, 1996.

Development Projects

Type of Project	Numbers	Hectares	Metres	Gross Cost £
Drainage/Ditching		75.70	382,937	329,750
Fencing		218.50	482,898	902,955
Roads			30,177	200,490
Re-seeding		3,910.90		1,328,410
Buildings				3,460,181
Machinery				1,368,856
Livestock: Sheep	13,337			405,197
Cattle	511			281,545
Pigs	19			1,300
Hens	300			594
Quota: Sheep	1,039.0			36,102
Cattle	16.2			2,907
Milk	502,231			209,041
Land Purchased/Assigned		3,778.16		1,057,368
Emergency Stockpile				32,000
Other				161,683
Inflation				276,708
Total Gross Cost				£10,055,087

Financed by: Grants	3,445,605
Personal Contributions	1,532,636
Loans	5,076,846
Total Funding	£10,055,087

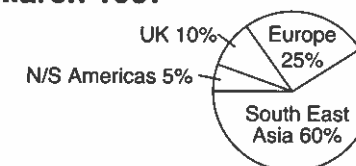
Knitwear

Markets: State of the art manufacturing equipment combined with years of textile traditions have ensured the Shetland knitwear industry can produce a more economical range of top quality Shetland knitwear and competitively trade in global markets. More than half the total garment production of the Shetland knitwear industry is now sold directly or indirectly into the South East Asian market and while sales into the European market continue to rise, opportunities are now being developed to maximise the potential in the North and South American market.

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

Shetland Knitwear Export Markets, March 1997

Market	% of production
South East Asia	60
Europe	25
United Kingdom	10
North/South Americas	5



Production: While the new realities of business developed a cultural change to modern technology, enabling the larger manufacturers to offer opportunities in full-time employment, the world renowned skills of the traditional Shetland knitters outworker system, still plays a major role in the growth of the industry today.

Shortage of skills to fulfill the requirements of the modern knitwear industry remains a major problem, however, with recent additional technical skills and modern machinery available at the Shetland College, Textile Department, training and development facilities for the industry have become more accessible.

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

Employment

	Employees			Self-Employed			Home Knitter
	Full Time	Part Time	Total	Full Time	Part Time	Total	
1971	234	111	345	—	—	—	2,268
1977	155	71	226	—	—	—	2,098
1981	—	—	131	—	—	—	1,200
1983	109	48	157	30	43	73	1,800
1988	79	39	117	42	35	77	1,400
1991	56	33	89	15	13	28	1,345
1992	70	17	87	11	8	19	1,003
1994	81	15	96	8	15	23	1,000
1995	86	15	101	8	15	23	996
1996	89	15	104	9	15	24	986

Shetland Tweed: As international markets demanded double width fabric, new dimensions had to be introduced to the traditional Shetland single width looms. This has given a new lease of life to the Shetland weaving industry which now produce new and exciting ranges of fine woollen tweeds and cloths produced from the soft resilient fleece of the native Shetland sheep, combining the best of Shetland traditions, designs, colouring and blending the time tested patterns unique to Shetland.

Source: Shetland Knitwear Trades Association and Development Department, SIC

Crafts

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

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

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

Employment in the Craft Industry (Manufacturing) 1997

Male		Female		Total	
F/T	P/T	F/T	P/T	F/T	P/T
13	9	8	10	21	19

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

Source: Shetland Craft Association and Development Department, SIC

Tourism

Accommodation capacity available to Shetland Islands Tourism by bed spaces

Type of Accommodation	1981	1985	1989	1990	1991	1992	1994	1995	1996
Hotels Lerwick	231	366	307	301	294	295	310	300	296
Hotels Country	342	346	314	312	301	281	307	278	295
Guest Houses Lerwick	0	41	28	17	31	28	71	72	75
Guest Houses Country	0	86	118	92	97	96	108	97	95
Bed & Breakfast Lerwick	103	75	100	96	93	95	97	92	65
Bed & Breakfast Country	203	119	238	273	208	216	163	170	143
Self Catering Lerwick +	271	342	474	19	23	23	22	44	38
Self Catering Country +	0	0	0	504	515	509	460	379	383
Caravans Country	104	30	51	33	17	6	11	0	0
Hostels Lerwick	81	140	147	48	48	48	0	64	64
Hostels Country	0	0	0	99	99	99	61	32	61
Camp Sites Lerwick +	0	89	70	28	28	28	60	88	60
Camp Sites Country +	0	0	0	42	42	42	39	38	39
Böds	0	0	0	0	0	0	55	63	63
Total	1,335	1,634	1,847	1,864	1,796	1,769	1,764	1,717	1,677

+ Category sub-divided 1990

Employment

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

Tourist Enquiries and Bookings

	1981	1986	1989	1990	1991	1992	1993	1994	1995	1996
Postal Enquiries	1,696	5,201	4,827	7,599	6,845	7,255	8,643	8,663	3,391*	3,586
Telephone Enquiries	-	966	1,559	2,087	2,115	2,467	2,384	2,367	3,079	3,291
Advance Bookings	101	220	333	311	252	299	237	271	284	383
Immediate Bookings	412	997	1,570	1,312	1,435	1,071	1,371	1,310	1,190	927

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

Membership of Shetland Islands Tourism

	1981	1985	1989	1990	1991	1992	1993	1994	1995	1996
Hotels	16	19	16	16	16	14	15	16	12	11
Guest House/B&B	64	68	93	95	87	87	92	89	85	69
Self Catering	36	46	67	67	72	76	74	74	60	61
Hostels	4	4	5	5	5	5	4	5	3	4
Business & Trade	120	106	150	138	153	133	139	132	115	103
Camp Site	-	4	4	4	4	4	4	4	4	4
Caravans	-	-	-	-	3	2	3	2	0	0
Camping Böds	-	-	-	-	-	4	4	5	6	6
Total	240	247	335	325	340	325	335	327	285	258

Source: Shetland Islands Tourism

Extract from Shetland Visitor Survey 1995 (June to September)

Purpose of Visit	No. of visitors	%
Holiday	13,483	56
Visiting Friends & Relatives — on holiday	3,852	16
Business	5,779	24
Other	963	4
	<u>24,077</u>	<u>100</u>

Method of Transport			Yachts/Cruise Liners*	
By Air	14,216	59%	Visiting Yacht Passengers	2,331
By Sea	9,861	41%	Cruise Liner Passengers	11,219
	<u>24,077</u>	<u>100%</u>		<u>13,550</u>

* Figures for Jan-Dec 1995

It is estimated that the total number of visitors, including business visitors, for the 12 month period January to December 1995 was 54,000.

Accommodation Used — number of visitors for period June-September 1995

Hotel	6019	Guest House	1445
Staying with friends/relatives	5297	Hostel	1204
Bed & Breakfast	4575	Boat	241
Rented Accommodation	2408	Other	482
Caravan/camper van	1926		

Visitor Expenditure per person 1995

Purpose of visit	Average expenditure per person	
	inc. travel	excl. travel
Holiday	£371	£226
Business	£369	£222
Visiting friends & relatives	£268	£127
Other	£256	£154

Source: Shetland Visitor Survey 1995

Total Visitor Expenditure in Shetland (£ million)

1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1994	1995	1996
4.1	4.8	5.9	6.9	7.5	7.75	8.1	10.0	10.0	10.5	10.0	10.9	11.3

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

Source: Shetland Islands Council estimates and Shetland Visitor Survey 1995

Origin of Visitors 1995 (percentage)

	%	Overseas Visitors	%
Scotland	24	Norway	22
Rest of Britain	31	USA/Canada	17
Overseas	45	Germany	15
	<u>100</u>	France	8
		Australia	6
		Italy	6
		Holland	4
		Switzerland	3
		Austria	3
		Sweden	2
		Others	14
			<u>100</u>

Source: Shetland Visitor Survey 1995

Number of Visitors on P&O Package Holidays

Duration	1982	1984	1986	1988	1989	1990	1991	1992	1993	1994	1995	1996
Seven Days	276	1,846	2,017	1,175	1,630	1,411	2,184	1,720	1,577	1,266	2,082	1,810
Midweek	1,085	1,170	1,866	935	835	1,469	2,164	808	754	750	632	764

Source: P&O Scottish Ferries Ltd

P&O Ferries Mini-Cruise Passengers Shetland Mini-Cruise

	1976	1984	1985	1986	1988	1989	1990	1991	1993	1994	1995	1996
	1,390	1,746	1,897	1,768	1,804	1,799	1,847	2,014	1,009	1,270	812	1,038

Orkney and Shetland Mini-Cruise

												1996
												2,215

Source: P&O Scottish Ferries Ltd

Cruise Liner Arrivals at Lerwick Harbour

1988	1989	1990	1991	1992	1993	1994	1995	1996
20	15	21	21	24	32	26	37	35

Source: Lerwick Harbour Trust

Cruise Liner Passengers

1981	1983	1984	1985	1986	1987	1988	1989	1991	1993	1994	1995	1996
3,564	3,820	5,399	5,790	6,279	4,930	4,636	5,444	5,240	8,961	7,015	11,219	12,852

Source: Lerwick Harbour Trust

Oil

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

Sullom Voe Oil Terminal

The Terminal is situated at Calback Ness on a site of approximately 400 hectares (1,000 acres) on the shores of Sullom Voe, 46km (29 miles) north of Lerwick. BP Exploration Operating Company Ltd. operates the Terminal on behalf of c. twenty-nine 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 at just over 700,000 barrels per day.

Exploration and Development

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

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

1978 – The first oil was piped to Sullom Voe through the Brent pipeline from the Dunlin oilfield on 25th November. The first oil was shipped out from the terminal by the Shell tanker 'Donovania' five days later and on 3rd December the first oil arrived through the Ninian pipeline from the Heather oilfield.

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.

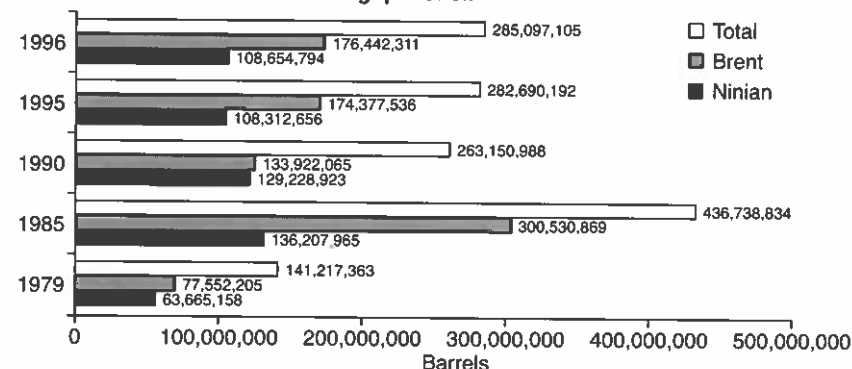
1990 – In March the 412,611 metric tonne deadweight supertanker 'Chevron North America' was the largest tanker to visit the terminal.

1994 – The longest tanker to berth at Sullom Voe arrived in January. The 'Concordia 1' measured 370 metres in length. In August the terminal recorded one million manhours without a lost time injury.

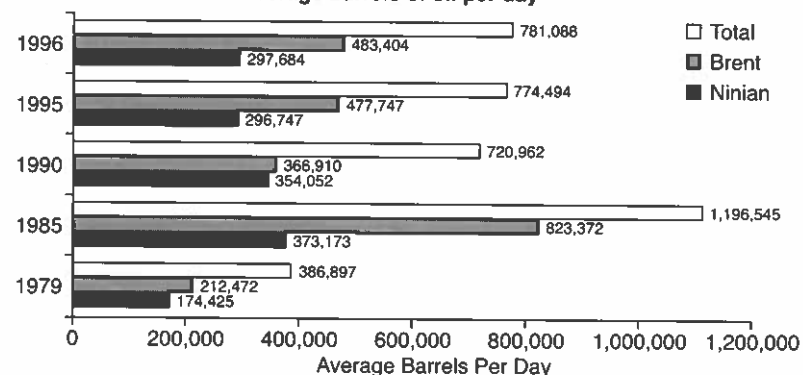
1997 – In January BP announced, that subject to the satisfactory outcome of final negotiations, they intended to enter into an agreement with Sullom Voe Terminal to handle the crude oil produced from the Schiehallion field west of Shetland. In April the terminal was awarded, for the third consecutive year, the Gold Award for Occupational Safety by the British Society for the Prevention of Accidents. On 13th June the six billionth barrel of crude oil was produced at the terminal and the 23rd July saw the tanker 'Hellespont Paramount' loading the largest cargo of oil from the terminal, 369,407 metric tonnes.

Sullom Voe Terminal – Throughput

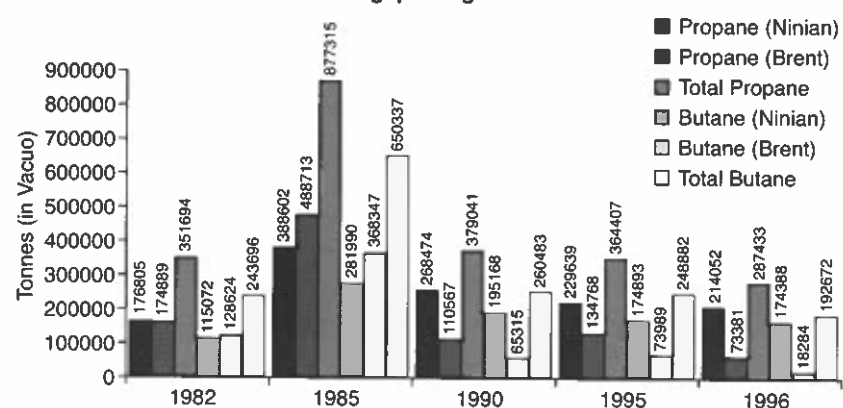
Sullom Voe Terminal: Total Throughput of oil



Sullom Voe Terminal: Average barrels of oil per day

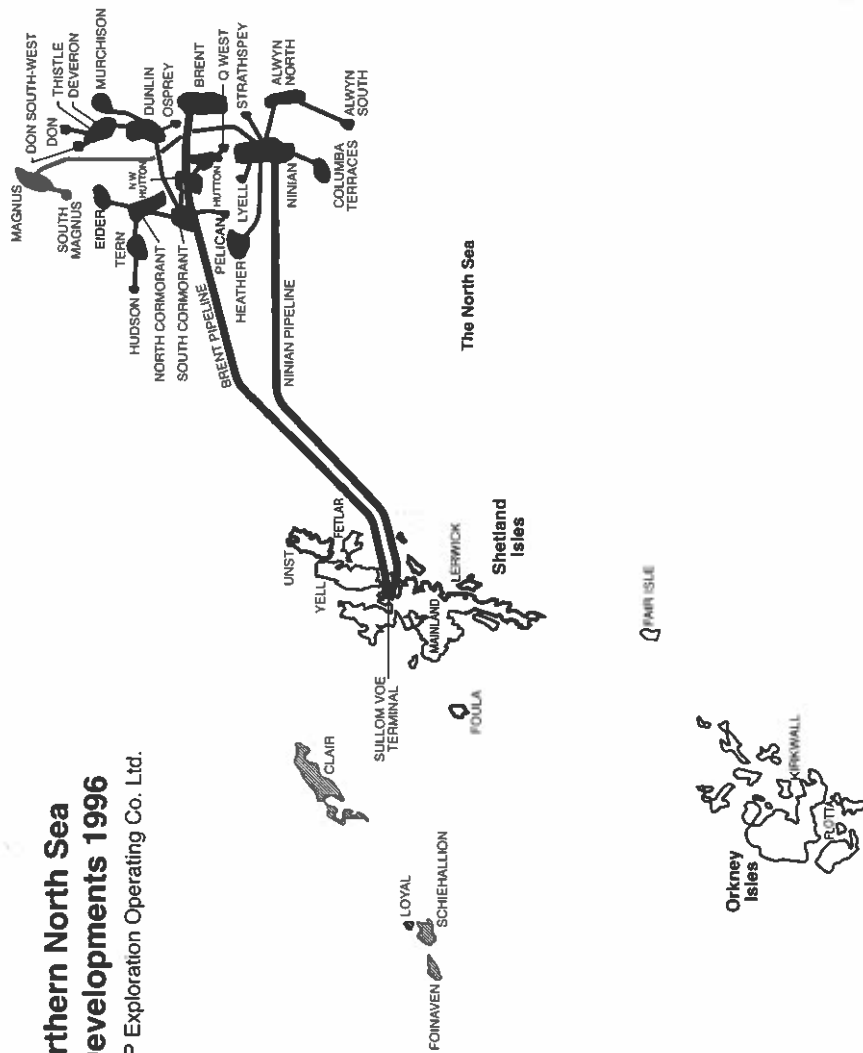


Sullom Voe Terminal: Total throughput of gas



Northern North Sea Oil Developments 1996

Source: BP Exploration Operating Co. Ltd.



Industrial Sites

Eighteen serviced sites and estates have been developed throughout Shetland.

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

SIC Shetland Islands Council
LHT Lerwick Harbour Trust

BP BP Petroleum Development Ltd.
HIE Highlands and Islands Enterprise

Hospitals

Hospital Activity Levels – Gilbert Bain Hospital

	1992/93	1993/94	1994/95	1996/7
Total No. of inpatient discharges	1,960	2,283	2,394	2,509
Total No. of day surgery discharges	978	1,187	1,067	1,092
Total No. of patients attending outpatient clinics	18,083	17,832	20,571	19,759
Total No. of new patients attending outpatient clinics	8,614	9,186	9,387	9,739

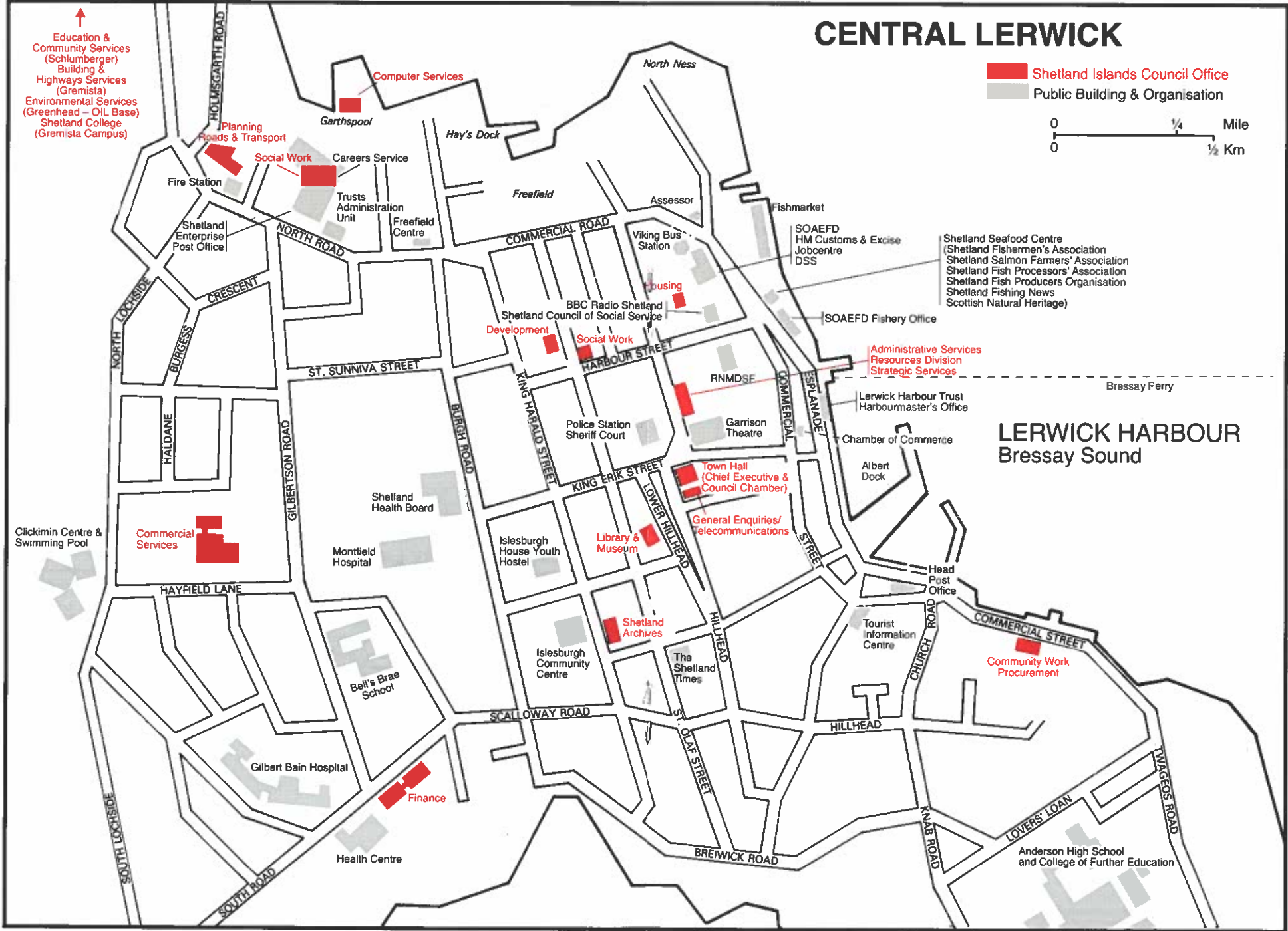
Staff Employed by Shetland Health Board (Whole Time Equivalent)

	1995	1996	1997
Hospital medical & dental staff	21.9	18.5	15.6
Nursing – trained	167.1	163.1	154.7
in training	4.0	0	0
others	46.8	49.3	42.0
Professions allied to medicine	44.2	45.1	45.4
Administration	66.8	73.8	70.9
Works staff	11.3	11.2	10.6
Independent Contractors			
General medical practitioners	18	18	19
General dental practitioners	8	8	6
General ophthalmic opticians	3	3	3

Source: Shetland Health Board

CENTRAL LERWICK

Shetland Islands Council Office
 Public Building & Organisation



↑
 Education & Community Services (Schlumberger)
 Building & Highways Services (Gremista)
 Environmental Services (Greenhead – OIL Base)
 Shetland College (Gremista Campus)

Shetland Seafood Centre
 (Shetland Fishermen's Association
 Shetland Salmon Farmers' Association
 Shetland Fish Processors' Association
 Shetland Fish Producers Organisation
 Shetland Fishing News
 Scottish Natural Heritage)

LERWICK HARBOUR
 Bressay Sound

Transport

Internal Air and Sea Transport

Location	Type of Transport	Type of Service*	Surface Type and Dimensions of Airstrip
Unst	Air/SIC Vehicle Ferry		Bituminous (640x28m)
Yell	SIC Vehicle Ferry		
Fetlar	Air/SIC Vehicle Ferry	Air = Charter only	Soft Gravel (457x18m)
Skerries	Air/SIC Vehicle Ferry	Air = Charter only	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	Air = Charter only	Soft Gravel
Foula	Air/SIC Ferry	Air = Charter only	Soft Gravel (457x18m)

* All SIC vehicle ferries operate on both a charter and scheduled basis.
Air services operate similarly, except where stated.
All internal air services are operated by British Airways Express / Loganair Ltd.

Bus Services

Route	Operator
Lerwick to:	
South Mainland (Sandwick/Sumburgh/ Sumburgh Airport)	J. Leask & Son
North Mainland (Hillswick/Mossbank)	Shalder Coaches
Toft (for Yell, Unst & Fetlar)	J. Leask & Son
Laxo (for Whalsay)	Whites Coaches
West Mainland (Walls/Skeld/Reawick)	Whites Coaches
Aith	Whites Coaches
Scalloway/Burra	J. Leask & Son
Lerwick Town Service	J. Leask & Son
Yell:	
Ulsta/Gutcher/Cullivoe	R. G. Jamieson
Ulsta/Mid Yell/West Sandwick	H. Sinclair & Co.
Unst:	
Belmont/Baltasound/Saxa Vord	P. & T. Coaches

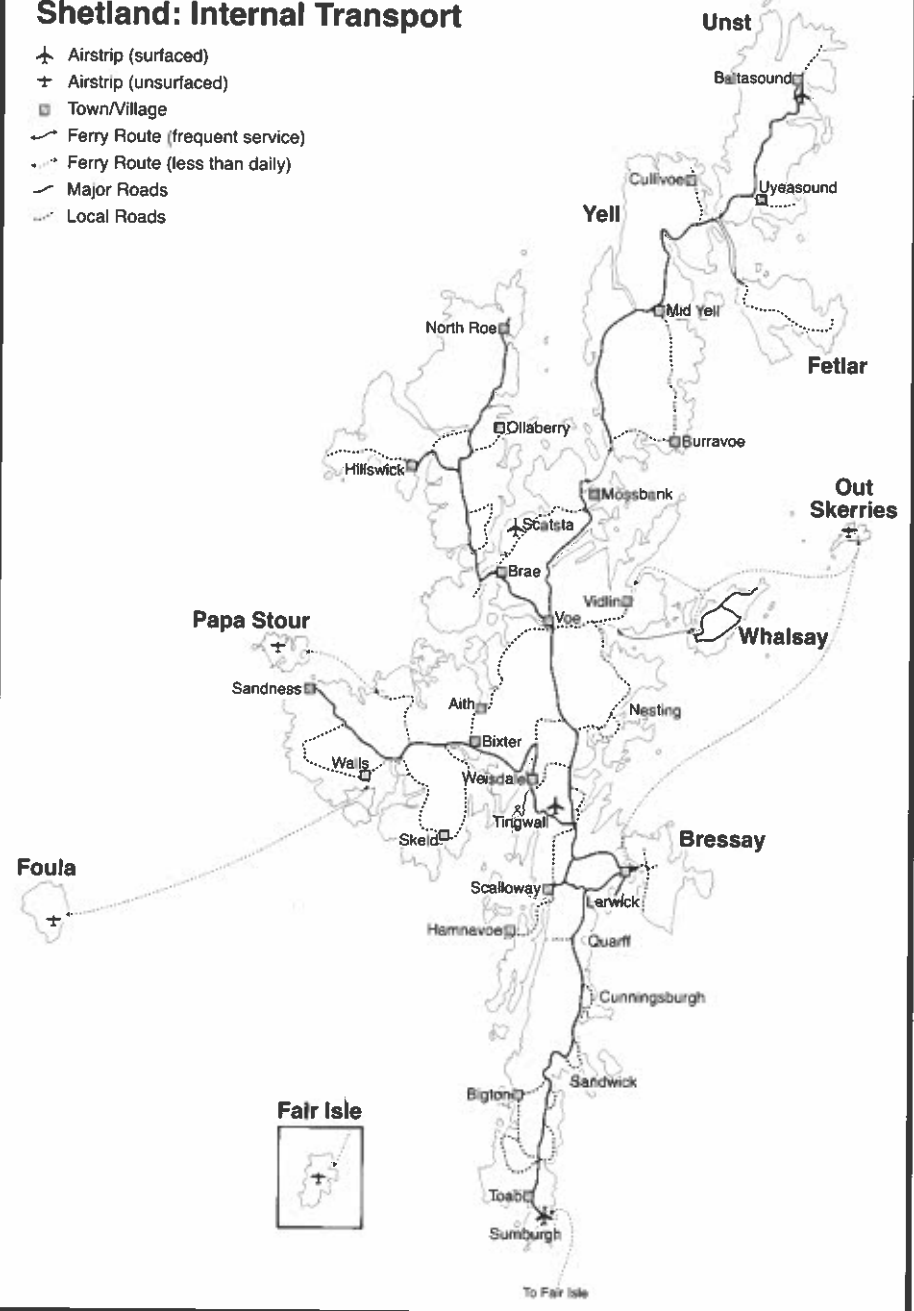
Present Schedule of County Highways

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

Source: Roads and Transport Department, SIC

Shetland: Internal Transport

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



Inter Island Ferries

Shetland Islands Council Ferry Traffic

Passengers

Ferry Route	1976	1981	1991	1993	1994	1995*	1996
Yell	62,626	109,755	113,897	107,881	137,391	219,281	193,186
Unst/Fetlar	33,460	44,570	65,608	69,657	79,948	111,324	112,852
Bressay	71,615	92,454	135,447	123,681	154,643	196,012	219,619
Whalsay	23,110	42,631	67,385	76,005	79,347	117,218	144,606

Vehicles

Ferry Route	1976	1981	1991	1993	1994	1995*	1996
Yell	33,333	50,310	89,041	104,531	103,192	107,729	97,180
Unst/Fetlar	16,920	22,897	51,816	50,500	51,547	51,233	52,034
Bressay	14,817	23,414	50,272	71,104	81,894	60,340	66,612
Whalsay	10,117	19,330	48,911	60,078	56,085	49,329	64,212

Source: Marine Operations Department, SIC

* The 1995 passenger returns are significantly higher because the new fare gathering system records all vehicles and passengers. Before 1995 the fare gathering system did not record non-fare paying vehicles and passengers.

External Ferries

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

	Passenger Journeys	Accompanied Car Journeys
1971	22,693	—
1977	45,352	5,164
1981	52,531	8,398
1991	80,346	11,350
1992	71,944	11,653
1993	66,436	11,563
1994	62,240	11,179
1995	60,669	11,073
1996		
January	1,695	425
February	1,201	331
March	2,329	567
April	5,410	923
May	6,238	975
June	7,846	1,291
July	11,693	2,157
August	10,562	1,826
September	6,607	1,152
October	4,525	1,023
November	1,981	520
December	2,474	544
Total	62,561	11,734

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

Source: P&O Scottish Ferries

Freight on P&O Ferries Services Aberdeen – Lerwick

	1984	1985	1988	1989	1991	1993	1994	1995	1996
Commercial Vehicles	16,625	18,814	10,773	12,609	10,899	10,478	9,422	10,904	12,038
Commercial Trailers	34,232	29,573	36,446	52,780	56,255	51,650	50,053	53,853	64,244
Unaccompanied Cars	4,575	4,687	6,044	6,548	5,383	6,832	7,319	7,212	6,213

(Figures expressed in running metres)

P&O Scottish Ferries Lerwick-Bergen Service:

Passengers and Vehicles*

	1993	1994	1995	1996
Passengers	3,355	3,463	3,050	3,529
Vehicles	435	520	572	656

* Total embarking and disembarking. Service between Shetland and Norway operates June, July and August. Source: P&O Scottish Ferries

Lerwick Harbour Activities

Shipping in Lerwick Harbour

	1971	1981	1985	1989	1991	1992	1993	1994	1995	1996
General	316	418	639	754	738	796	710	677	668	662
HM Ships	41	62	48	24	16	12	17	8	14	6
Oil	51	140	135	113	114	112	149	164	166	127
Oil Rig Tenders	79	1,556	1,277	911	888	812	1,016	919	920	737
Other Vessels	448	368	468	552	506	554	818	978	905	605
Yachts +	n/a	112	242	421	366	366	372	324	466	317
British Fishing**	1,440	677	1,302	1,905	1,606	2,059	1,922	2,398	2,040	1,099
Foreign Fishing	1,580	246	195	243	216	216	222	245	170	127
Total	3,955	3,579	4,306	4,923	4,450	4,927	5,226	5,713	5,349	3,680

Source: Lerwick Harbour Trust ** Excludes local fishing fleet + Sub group of Other Vessels in 1971.

Foreign Fishing Vessels in Lerwick Harbour

	1971	1981	1985	1989	1991	1992	1993	1994	1995	1996
Angola	0	0	0	0	0	0	0	0	0	2
Belgium	0	0	0	0	0	0	1	1	0	1
Bulgaria	0	0	6	12	6	5	0	0	0	0
Denmark	374	117	65	49	66	35	32	43	46	46
Faroe	242	14	8	4	19	8	5	5	4	6
France	16	13	16	6	18	9	4	7	9	4
Germany (West) } +	3	1	8	10	22	5	13	13	6	10
Germany (East) } +	0	0	11	0	0	0	0	0	0	0
Greenland	0	0	0	4	0	0	0	0	2	0
Iceland	215	2	3	13	0	0	4	4	4	0
Ireland	0	0	0	39	20	44	90	81	22	12
Netherlands	12	0	8	13	7	4	5	0	2	3
Norway	551	96	66	62	50	95	61	90	65	43
Panama	0	0	0	3	0	0	0	0	2	0
Poland	1	2	0	0	0	0	0	0	0	0
Portugal	0	0	1	0	0	0	0	0	0	0
Sierra Leone	0	0	0	0	0	0	0	0	1	0
Sweden	100	1	0	7	7	7	7	1	7	0
C.I.S. (formerly USSR)	60	0	3	21	1	9	0	0	0	0
Total	1,574	246	195	243	216	221	222	245	170	127

Source: Lerwick Harbour Trust + Unified 1990

Total Tonnage Handled in Lerwick Harbour

(Weight of containers excluded)

	1971	1981	1991	1993	1994	1995	1996
General Cargo Imports	45,760	200,077	226,715	297,382	300,217	302,408	317,580
General Cargo Exports	48,849	57,471	98,335	193,555	227,155	248,194	240,646
Oil Related Imports	342	288,999	238,684	267,714	246,310	225,728	177,522
Oil Related Exports	0	421,807	315,996	369,558	338,301	337,358	244,917
Total	94,951	968,354	879,730	1,128,209	1,111,983	1,113,689	980,665

Source: Lerwick Harbour Trust

Lerwick Harbour Trust Revenue

	1971	1981	1991	1993	1994	1995	1996
	£49,000	£2,100,000	£4,576,082	£5,460,629	£5,815,704	£6,003,938	£4,661,595

Source: Lerwick Harbour Trust

Fish Factory Ships and Related Vessels (Lerwick Harbour)

1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
41	54	85	219	175	136	247	253	230	248	402	692	501	249

Source: Lerwick Harbour Trust

UK Port Traffic 1994 & UK Oil-Handling Ports 1994

Port Traffic*	% of		Oil-Handling Ports*	% of	
	'000 Tonnes	UK Total Traffic		'000 Tonnes	UK Total Traffic
London	51,775	9.6	Forth	40,476	15.0
Forth	44,359	8.2	Sullom Voe	38,577	14.3
Tees & Hartlepool	42,994	8.0	Milford Haven	33,881	12.6
Grimsby & Immingham	42,866	8.0	London	24,408	9.0
Sullom Voe	38,592	7.2	Tees & Hartlepool	24,141	9.0
Milford Haven	34,294	6.4	Southampton	23,584	8.7
Southampton	31,537	5.9	Grimsby & Immingham	21,772	8.1
Liverpool	29,465	5.5	Liverpool	15,256	5.7
Felixstowe	22,116	4.1	Orkney	13,885	5.1
Medway	14,660	2.7	Rivers Hull & Humberside	5,427	2.0
All Above Ports	352,658	65.6	All Above Ports	241,407	89.5
All Ports of UK	538,180	100.0	All Ports of UK	269,721	100.0

* Figures relate to top 10 UK ports

Source: Port Statistics Branch, Department of Transport

Scalloway Harbour Activities

Shipping in Scalloway Harbour 1996		Total Tonnage Handled in Scalloway Harbour 1996	
General	64	General Cargo Imports	11,533
HM Ships	0	General Cargo Exports	14,087
Oil	0	Oil Related Imports	0
Oil Rig Tender	27	Oil Related Exports	0
Other Vessels	135		
Yachts	9		
British Fishing *	127		
Foreign Fishing	19		
Total	381	Total	25,620

* Excludes local fishing fleet.

Source: SIC Marine Operations Department

Scalloway Harbour – Imports/Exports (in tonnes)

	1993	1994	1995
Foreign Imports	1,834	1,690	1,854
Foreign Exports	425	43	119
Coastwise Imports	17,201	13,325	13,396
Coastwise Exports	10,064	2,100	14,702

Shipping in Scalloway Harbour 1985-1992

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

** Excludes local fishing fleet

Scalloway Harbour Revenue

1985/86	1986/87	1987/88	1988/89	1990/91	1991/92	1993/94	1994/95	1995/96
£160,419	£160,838	£206,876	£174,032	£203,547	£202,598	£175,317	£233,009	£255,586

Source: Marine Operations Department, SIC

Air Services

Total aircraft traffic at Sumburgh, Scatsta, Unst and Tingwall

	1978	1984	1988	1990	1992	1993	1994	1995	1996
Aircraft Movements	57,343	31,666	36,588	41,993	37,289	40,451	37,530	38,378	34,122
Passengers	757,470	384,465	475,608	580,078	541,859	614,414	580,448	599,147	524,476

Employment

	1978	1982	1983	1984	1988	1989	1990	1992	1993	1994	1996
Sumburgh	529	501	238	232	217	248	304	282	290	286	235
Tingwall	n/a	10	10	10	10	8	8	8	8	7	6
Scatsta	n/a	41	28	12	13	13	11	9	14	16	58
Unst	n/a	69	72	61	41	38	44	75	79	65	10
Total	529	621	348	315	281	307	367	374	391	374	309

Source: Development Department, SIC

Sumburgh Airport Traffic: Passengers & Freight

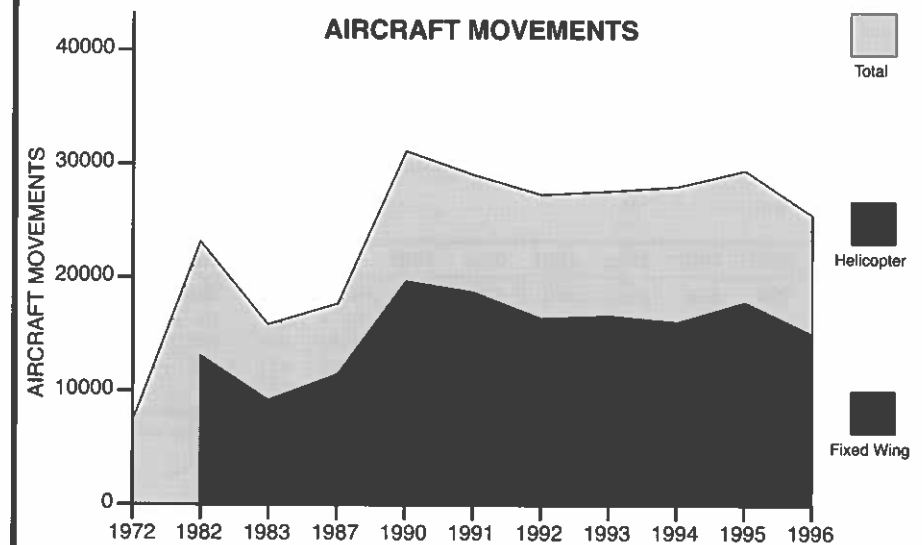
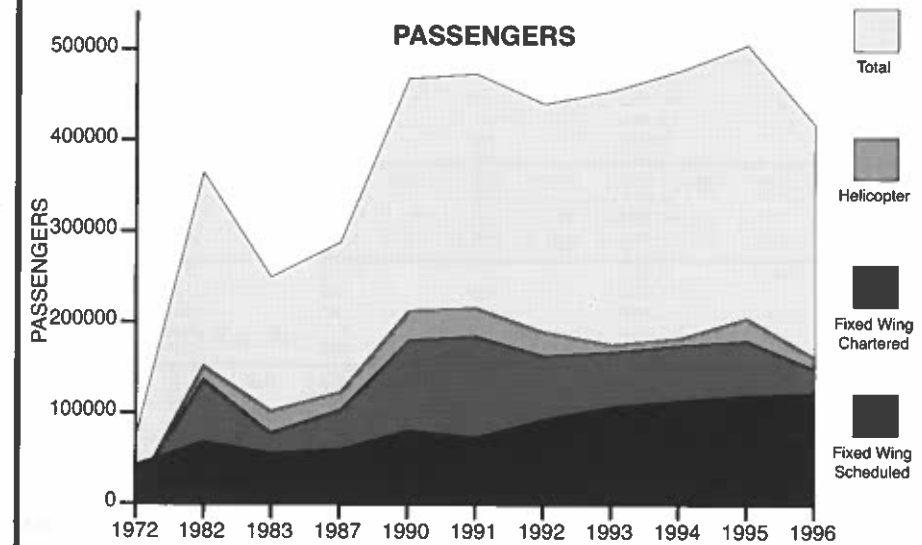
	Total Passengers	Fixed Wing Scheduled Passengers	Charter Passengers & Others	Helicopter Passengers	Freight (kgs)
1972	70,589	45,781	13,979	10,739	205,303
1976	250,778	78,654	84,111	88,013	157,438
1982	367,307	70,543	141,871	154,893	2,176,402
1983	247,678	61,326	84,162	102,190	1,481,389
1987	288,793	63,959	102,205	122,629	1,441,408
1989	405,347	73,966	150,667	180,714	1,524,111
1990	470,894	81,676	179,648	209,570	1,586,795
1991	473,626	76,841	182,377	214,408	1,448,769
1992	442,330	93,825	163,060	185,474	1,457,810
1993	451,055	104,311	165,581	181,163	1,522,012
1994	476,246	118,454	173,353	184,439	1,655,866
1995	505,608	122,236	178,498	204,874	1,692,907
1996	423,476	125,744	137,384	160,348	1,611,102

Sumburgh Airport Traffic: Aircraft Movements

	Total	Fixed Wing	Helicopter
1972	6,095	n/a	n/a
1976	25,694	13,030	12,664
1982	23,412	10,070	13,342
1983	15,255	5,948	9,277
1987	17,518	5,722	11,796
1989	25,659	8,299	17,360
1990	30,898	11,150	19,748
1991	29,168	10,321	18,847
1992	27,412	10,920	16,696
1993	27,601	10,886	16,715
1994	28,052	11,789	16,263
1995	29,496	11,586	17,910
1996	25,350	10,202	15,148

Source: Highlands and Islands Airports Ltd.

Sumburgh Airport



UK Airport Passengers

	1996		1991		Percentage change (1996/1991)
	Terminal passengers (000)	Percentage of passengers at all UK airports	Terminal passengers (000)	Percentage of passengers at all UK airports	
Heathrow	55,732	41.0	40,245	42.0	38.5
Gatwick	24,102	17.7	18,690	19.5	29.0
Manchester	14,485	10.7	10,102	10.5	43.4
Glasgow	5,472	4.0	4,154	4.3	31.7
Birmingham	5,353	3.9	3,246	3.4	64.9
Stansted	4,810	3.5	1,685	1.8	185.5
Edinburgh	3,810	2.8	2,340	2.4	62.8
Newcastle	2,433	1.8	1,527	1.6	59.3
Luton	2,411	1.8	1,958	2.0	23.1
Aberdeen	2,377	1.7	2,020	2.1	17.7
Belfast International	2,351	1.7	2,168	2.3	8.4
East Midlands	1,822	1.3	1,145	1.2	59.1
Bristol	1,394	1.0	783	0.8	78.0
Belfast City	1,361	1.0	537	0.6	153.4
Leeds Bradford	1,053	0.8	638	0.7	65.0
Cardiff Wales	1,010	0.7	513	0.5	96.9
London City	726	0.5	172	0.2	322.1
Liverpool	620	0.5	457	0.5	35.7
Isle of Man	605	0.4	473	0.5	28.0
Southampton	551	0.4	428	0.4	28.7
Prestwick	522	0.4	35	—	1,391.4
Teesside	444	0.3	300	0.3	48.0
Sumburgh	401	0.3	433	0.5	-7.4
Inverness	285	0.2	199	0.2	43.2
Humberside	279	0.2	108	0.1	158.3
Norwich	258	0.2	175	0.2	47.4
Exeter	205	0.2	164	0.2	25.0
Bournemouth	162	0.1	125	0.1	29.6
Isles of Scilly (St. Marys)	125	0.1	102	0.1	22.5
Penzance Heliport	106	0.1	97	0.1	9.3
Plymouth	98	0.1	85	0.1	15.3
Stornoway	94	0.1	80	0.1	17.5
Kirkwall	92	0.1	102	0.1	-9.8
Blackpool	85	0.1	120	0.1	-29.2
Scatsta	79	0.1	15	—	426.7
Londonderry	64	—	37	—	73.0
Benbecula	38	—	31	—	22.6
Cambridge	29	—	26	—	11.5
Wick	28	—	31	—	-9.7
Isles of Scilly (Tresco)	26	—	21	—	23.8
Islay	19	—	20	—	-5.0
Unet	18	—	85	0.1	-78.8
Dundee	13	—	9	—	44.4
Barra	8	—	—	—	—
Campbeltown	7	—	—	—	—
Biggin Hill	6	—	—	—	—
Southend	6	—	21	—	-71.4
Battersea Heliport	5	—	4	—	25.0
Tiree	5	—	5	—	—
Lerwick (Tingwall)	4	—	11	—	-63.6
Shoreham	3	—	1	—	200.0
Coventry	3	—	6	—	-50.0
Gloucestershire	2	—	4	—	-50.0
Kent International	2	—	4	—	-50.0
Carlisle	1	—	1	—	—
Lydd	—	—	30	—	—
Hawarden	—	—	1	—	—
Barrow-in-Furness	—	—	1	—	—
Swansea	—	—	—	—	—
Bembridge	—	—	—	—	—
All UK airports total	135,998	100.0	95,770	100.0	42.0

Source: Civil Aviation Authority

Scatsta Airport Traffic

	1984	1985	1987	1989	1990	1992	1993	1994	1995	1996
Passengers	14,313	14,938	13,216	17,151	12,892	14,118	13,157	12,270	14,623	78,807
Aircraft Movements	2,593	2,548	1,982	1,589	590	694	832	780	954	4,461

Tingwall Airport Traffic

	1984	1985	1987	1989	1990	1992	1993	1994	1995	1996
Passengers	14,925	14,364	13,093	15,224	12,748	5,062	4,442	4,481	4,411	4,382
Aircraft Movements	3,322	3,344	3,337	3,198	3,189	2,549	2,335	2,485	2,656	2,582

Unst Airport Traffic

	1984	1985	1987	1989	1990	1992	1993	1994	1995	1996
Passengers	115,909	100,973	102,368	86,680	83,544	80,349	145,760	87,451	74,505	17,848
Aircraft Movements	7,764	6,768	10,529	7,542	7,316	6,634	9,683	6,213	5,272	1,786

Source: Civil Aviation Authority

Small Airfield Traffic: Passengers

Airfield	1984	1985	1987	1989	1990	1991	1992	1993	1994	1995	1996
Fair Isle	1,704	1,596	1,654	2,127	2,674	2,048	2,523	1,857	2,054	1,865	1,910
Fetlar	50	52	58	—	—	—	—	—	—	—	—
Foula	1,228	1,276	1,158	1,600	—	—	—	—	—	—	1,344
Skerries	603	554	706	734	927	900	900	—	—	—	545
Whalsay	90	100	140	400	320	360	300	—	—	—	—

From 1989 full breakdown of figures not available.

Aircraft Movements

	1984	1985	1987	1989	1990	1991	1992	1993	1994	1995	1996
Fair Isle	478	426	458	596	710	610	683	628	620	686	632
Fetlar	44	38	40	—	—	—	—	—	—	—	—
Foula	364	344	320	496	522	466	488	536	548	572	687
Skerries	364	154	294	376	432	400	400	—	—	—	408
Whalsay	76	72	98	200	200	200	160	—	—	—	—

Source: Various local personnel. Some figures are estimates.

Conservation

Buildings of Special Architectural or Historic Interest

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

Scheduled Ancient Monuments

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

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

Listed Buildings

by Category/Parish and date of re-survey, March 1997

	Category			Total	Date List Published
	A	B	C(s)		
Fetlar			3	3	(1970s)
Nesting		7	2	9	(1970s)
Tingwall	1	4	15	20	(1970s)
Unst	1	6	3	10	(1970s)
Walls & Sandness		5	8	13	(1970s)
Yell	1	4	7	12	(1970s)
Lerwick	3	57	47	107	12/08/96
Bressay	1	10	3	14	26/03/97
Delting		10	4	14	26/03/97
Dunrossness	4	18	8	30	26/03/97
Lerwick Landward		1	1	2	26/03/97
Northmavine		10	8	18	26/03/97
Sandsting	2	7	6	15	26/03/97
Totals	13	139	115	267	

Ancient Monuments

There were 341 scheduled ancient monuments as at 31st March 1997 in the following categories:

Prehistoric: ritual and funerary	90
Prehistoric: domestic and defensive	195
Crosses and carved stones	1
Ecclesiastical	18
Secular	24
Industrial	13

Of these, 9 are in the care of the Secretary of State for Scotland

Archaeology

The Sites and Monuments Record

There are far more archaeological sites in Shetland than those which have been scheduled. Indeed, the scheduled monuments form only a small percentage of the 5,600 sites currently listed in the Shetland Sites and Monuments Record, a record which is constantly growing. The Sites and Monuments Record, established in 1986, covers the whole of Shetland, from Fair Isle to Unst, and is held at Shetland Amenity Trust's offices at 22-24 North Road, Lerwick. It is used to provide a regular service to the Shetland Islands Council departments of Planning and Roads and Transport, Scottish Hydro-Electric Plc and other developers. It is also used to supply information to researchers, for school projects and the general enquirer. The record is maintained by the Shetland Archaeologist and her assistant, and is pivotal to their work of initiating and co-ordinating archaeological activity all over the islands.

Excavation

There has been an increasing amount of archaeological excavation carried out in Shetland in recent years. Small scale rescue excavations (e.g. a burnt mound at Tangwick, Northmavine, and an Iron Age house sited at Bayanne, Yell) are usually supported by Historic Scotland.

In 1995 Shetland Amenity Trust engaged the University of Bradford in order to carry out excavation of a broch site at Old Scatness, Dunrossness. The site comprised an unexcavated time capsule, the preservation of which was expected to be good. The "Old Scatness and Jarlshof Environs Project" formed an unusual attempt to examine how brochs fitted into the Iron Age landscape and related to other sites close by.

With the first phase (1995-97) completed, the results of the excavation are far exceeding expectations. The broch (standing at least 5m high) is surrounded by a late Iron Age village which has about 10 structures standing to at least 1.5m high. At least one of these has a complete corbelled roof still in place. The level of preservation of environmental evidence is also extremely good, with bone surviving which will provide valuable information about the lives and economy of the people who lived there.

The second phase of the project is due to take place between 1998 and 2000. Visitors are welcome at the site throughout the excavation season (July and August), during which time a "Living History" team will demonstrate how some of the objects found on the site were made, as well as carrying out experimental work. When buildings have to be moved in order to allow the excavation to continue beneath, they will be reconstructed in order to continue to display the range of activities and periods represented at Old Scatness. The Pictish smithy was reconstructed in 1997 to form the first of these.

Phase one of the project was funded from a variety of sources, the major contributors being EC Objective One, Shetland Enterprise, Shetland Islands Council and Shetland Amenity Trust. Other contributors include the British Academy, University of Bradford, Farquhar and Jamieson and DITT.

The Old Scatness Broch excavations are pictured on the front cover of this edition of Shetland in Statistics.

Nature Conservation

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

Statutory Conservation Sites in Shetland

3 National Nature Reserves (NNR):	Hermaness (Seabird Colony)	980.3 ha.
	Keen of Hamar (Serpentine Flora)	51.3 ha.
	Noss (Seabird Colony)	313.0 ha.

78 Sites of Special Scientific Interest (SSSI)

6 Freshwater	390.1 ha.	1 General Island Interest	209.8 ha.
8 Seabird Colonies	3,858.7 ha.	2 Peatland	165.2 ha.
5 Marsh or Meadow	211.0 ha.	1 Limestone Flora	81.8 ha.
4 Tree Sites or Plantations	62.2 ha.	4 Serpentine Heath	3,021.4 ha.
1 Upland	4,906.7 ha.	3 Tidal Flats/Saltmarsh	56.9 ha.
2 Sand Dune/Machair	201.3 ha.	29 Geological	715.6 ha.
3 Moorland Breeding Birds	1,546.1 ha.	5 Geomorphological	347.0 ha.
1 Maritime Heath	34.2 ha.	3 Endemic Plant Species	3.1 ha.

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

Total area covered by statutory conservation sites is 16,416 hectares which represents 11.2 per cent of the total area of Shetland.

Approximate coverage of each island or island group as at March 1996:







Foula — 2 sites	100%	Bressay (Noss) — 1 site	11%
Fetlar — 6 sites	72%	Mainland & associated uninhabited islands — 43 sites	8%
Fair Isle — 1 site	72%	Yell — 6 sites	1%
Papa Stour — 3 sites	64%	Muckle Roe — 1 site	0.1%
Unst — 15 sites	21%		

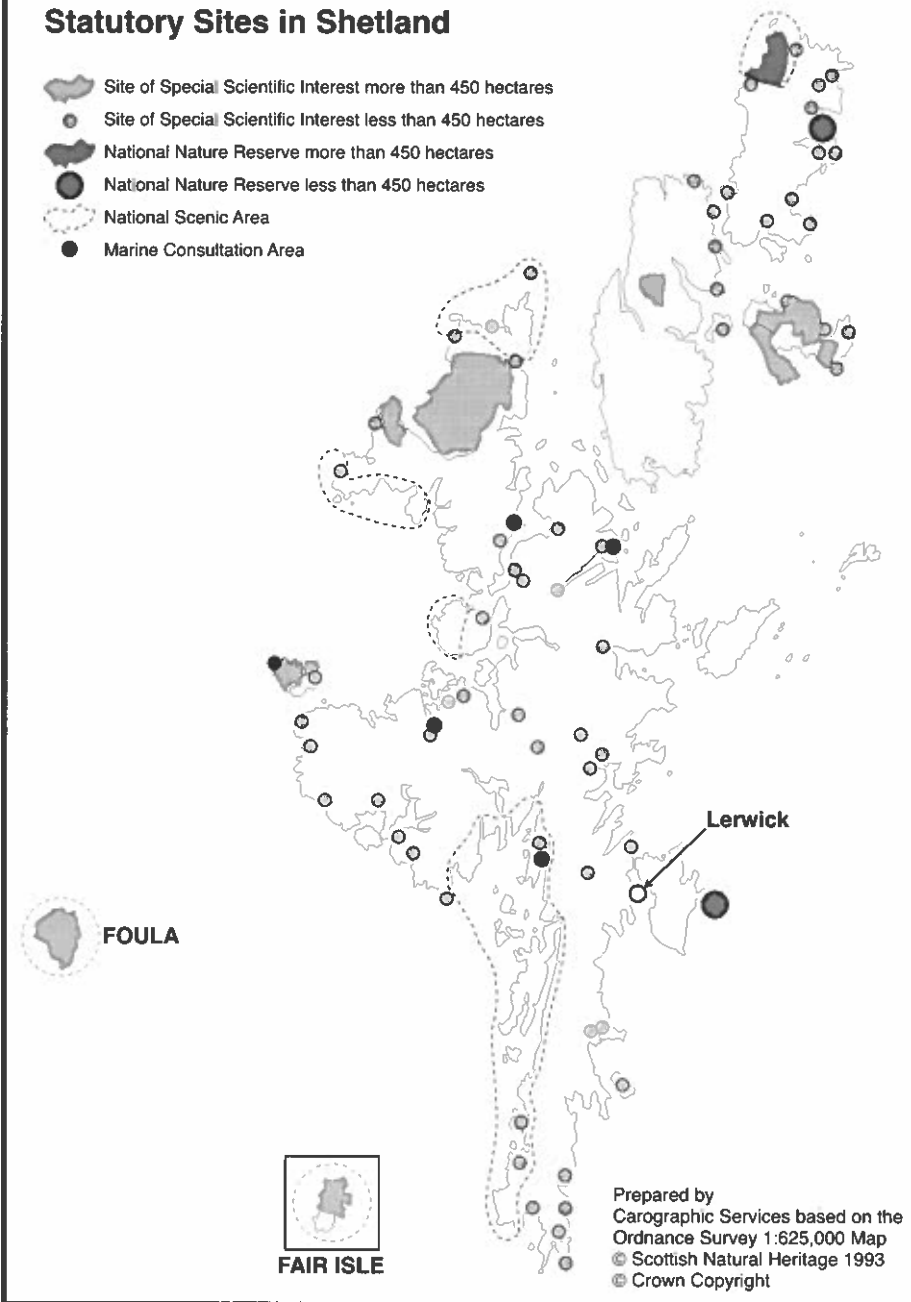
Shetland Wildlife Statistics

Latest population estimates are as follows:

Species	Population	Proportion of GB population
Whimbrel	500 + pairs	95%
Red-necked Phalarope	20-30 pairs	90%
Great Skua (bonxie)	6,000 pairs	76%
Arctic Skua	1,900 pairs	61%
Red-throated Diver	400 pairs	50%
Arctic Tern (tirrick)	30,000 pairs	40%
Fulmar (maalie)	250,000 + pairs	35%
Black Guillemot (tystie)	12,000 adults	30%
Shag	6,000 pairs	27%
Gannet (solan)	17,000 pairs	16%
Grey Seal	3,500 breeding adults	4%
Common Seal	6,200 adults	28%
Otter	800-1,000 individuals	12%

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



Prepared by
Carographic Services based on the
Ordnance Survey 1:625,000 Map
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Leisure Facilities

Leisure Centres — Usage to end of March each year

	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
Clickimin	150,195	150,919	160,411	165,716	166,788	171,274	171,656
Unst	54,314	53,333	52,541	48,300	49,063	51,088	49,596
Yell	40,420	38,411	38,649	37,569	37,376	41,740	35,103
Whalsay	—	69,147	58,820	55,935	54,524	55,026	47,950

Swimming Pools

	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
Lerwick	129,576	133,107	133,249	134,376	136,571	124,683	161,645
North Mainland	45,736	46,794	43,551	39,089	38,702	36,097	34,767
Unst*	14,587	12,469	11,789	10,447	10,097	10,813	10,458
Yell*	11,109	6,635	8,393	7,300	7,779	7,986	6,442
Whalsay*	—	25,697	20,928	20,215	18,835	16,695	14,558
South Mainland	—	—	—	—	44,871	38,283	33,679
Scalloway	—	—	—	—	44,346	38,056	32,111

Source: Shetland Recreational Trust

* Usage figures included in leisure centre totals.

Community Halls and Community Centres (by community work area)

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

Social Provision & Services

Cost of Living

Indices	1981	1991	1992	1993	1994	1995	1996
Shetland: Lerwick	112.1	103.8	104.9	104.4	106.1	105.1	105.5
Remote	119.5	111.6	112.1	111.5	111.1	110.5	114.6
Village A	115.3	108.1	108.4	108.1	108.5	107.2	111.3
Village B	120.0	110.0	112.1	111.7	111.0	110.6	115.6
Village C	119.6	110.1	110.9	111.0	110.1	110.1	113.4
Rural Average	112.1	102.1	102.6	102.7	103.0	102.3	107.4
Aberdeen	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Edinburgh	n/a	104.5	103.6	102.6	103.0	103.5	102.6

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

Source: Rural Scotland Summer Price Survey, MacKay Consultants.

Housing

	1981	1983	1987	1989	1991	1993	1994	1995	1996	1997
Shetland Islands Council	2,655	2,610	2,648	2,566	2,566	2,579	2,561	2,550	2,620	2,536
Scottish Homes	156	154	145	131	112	112	119	119*	83	77
Hjaltland Housing Assoc.	n/a	n/a	n/a	n/a	178	170	168	168*	185	268
No. of Sheltered Housing Schemes**	—	—	—	—	—	—	—	40*	40	40
No. of Sheltered Housing Units**	—	—	—	—	—	—	—	289	289	289
No of Very Sheltered Schemes**	—	—	—	—	—	—	—	—	2	2
No of Very Sheltered Units**	—	—	—	—	—	—	—	—	25	25
Private and Others	5,507	5,840	6,018	6,300	6,300	6,307	6,520	6,560*	6,971	7,033

* Estimate

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

Vehicle Ownership

Vehicles licensed in Shetland on 31st December

Type	1971	1981	1991	1994	1995	1996
Private Cars and Light Goods	3,600	7,048	8,933	9,875	9,949	10,031
Goods Vehicles (inc. Agricultural)	440	801	310	298	244	231
Public Transport Vehicles	138	164	121	—	—	—
Hackney	—	—	—	105	43	—
Buses	—	—	—	—	46	88
Motor Cycles	350	545	287	245	250	251
Miscellaneous	652	831	967	944	919	889
Total		5,180	9,389	10,618	11,467	11,490

1971 figures: Local Taxation Office.

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

The abolishment of the 'Hackney' taxation class and the creation of a new 'Buses' taxation class on the 1st June, 1995, has meant that public transportation vehicles with less than 9 seats have moved to the Private Cars and Light Goods taxation group.

Education and Training

Staff

	1971	1981	1991	1992	1993	1994	1995	1996	1997
Nursery Teachers	-	-	-	-	-	-	10	11	10
Primary Teachers	91	164	140	158	164	172	171	177	179
Secondary Teachers	88	142	189	193	195	195	200	198	201
Further Education Lecturers	2	9	18	19	25	33	33*	47	47
Total	181	315	347	370	384	400	414	433	437

* Estimate

Note: 1996 onwards Further Education lecturers include North Atlantic Fisheries College lecturers

Nursery Education (No. of pupils)

	1981	1989	1991	1992	1993	1994	1995	1996	1997
Aith Junior High	0	0	0	0	14	12	14	14	14
Bell's Brae	0	0	64	79	80	80	80	75	78
Brae High	51	65	60	60	53	60	37	40	33
Dunrossness	0	0	33	25	32	35	26	31	34
Happyhansel	0	0	0	0	9	18	15	17	20
Mossbank	0	0	23	24	18	28	25	29	27
Sandwick Junior High	0	0	38	31	26	30	23	30	30
Sound	60	60	60	60	61	60	54	58	60
Symbister House Junior High	0	0	0	0	0	26	16	19	29
Urafirth	0	0	0	0	0	10	12	10	6
Total	111	125	278	279	293	359	302	323	331

Primary Education

Primary School Rolls as at January each year

	1971	1981	1991	1992	1993	1994	1995	1996	1997
Baltasound Junior High	103	106	85	68	70	71	71	72	74
Mid Yell Junior High	56	65	48	49	48	49	54	47	45
Brae High	44	171	139	141	144	139	146	152	139
Symbister House Junior High	125	146	125	117	123	118	111	110	109
Aith Junior High	67	52	61	54	51	61	56	58	65
Scalloway Junior High	120	150	117	113	118	103	98	96	94
Sandwick Junior High	44	96	69	80	80	87	96	86	90
Haroldswick Primary	38	21	25	22	28	28	26	14	11
Uyeasound Primary	21	16	9	11	15	9	12	21	24
Cullivoe Primary	21	24	18	16	15	13	12	15	12
Burravoe Primary	38	36	32	34	30	28	28	26	21
Fetlar Primary	14	15	7	13	11	10	13	13	12
North Roe Primary	17	23	20	20	23	22	19	22	20
Ollaberry Primary	18	16	36	34	34	35	31	27	27
Urafirth Primary	26	37	29	20	24	23	27	28	32
Mossbank Primary	16	136	70	73	68	69	77	85	97
Olnafirth Primary	19	46	31	35	37	38	37	29	31
Lunnasting Primary	20	38	21	25	26	24	26	26	25
South Nesting Primary	16	26	11	14	16	21	15	14	20

Table Contd.

Education and Training

Primary Education (continued)

	1971	1981	1991	1992	1993	1994	1995	1996	1997
Skerries Primary	16	11	9	8	7	7	8	8	9
Sandness Primary	6	15	13	13	10	17	16	17	17
Foula Primary	4	7	4	3	4	5	7	5	1
Papa Stour Primary	0	5	4	2	3	1	1	0	7
Happyhansel Primary	43	48	57	54	54	52	48	58	57
Gruting Primary	12	9	-	-	-	-	-	-	-
Skeld Primary	13	36	14	11	12	20	22	24	24
Whiteness Primary	31	87	85	96	92	96	95	100	100
Burra Primary	16	-	-	-	-	-	-	-	-
Hamnavoe Primary	64	107	96	94	92	90	85	78	76
Gott Primary	41	52	50	43	34	40	42	39	40
Cunningsburgh Primary	56	57	50	60	57	53	62	60	66
Dunrossness Primary	123	209	146	156	144	151	148	155	157
Fair Isle Primary	3	11	8	7	5	3	4	5	6
Quarff Primary	17	23	15	14	10	11	13	10	9
Bressay Primary	24	20	28	24	23	26	28	40	37
Bell's Brae Primary	722	501	357	376	361	367	358	383	375
Sound Primary	-	292	354	360	352	334	336	338	349
Total	2,014	2,710	2,243	2,260	2,221	2,221	2,228	2,261	2,278

Secondary Education

Secondary School Rolls as at January each year

	1971	1981	1991	1992	1993	1994	1995	1996	1997
Anderson High	571	915	878	903	953	990	971	855	816
Baltasound Junior High	36	75	33	33	51	62	50	55	46
Mid Yell Junior High	43	48	44	38	47	48	51	55	53
Brae High	47	164	211	204	207	234	258	242	241
Symbister House Junior High	36	62	45	50	54	53	55	50	51
Aith Junior High	35	61	61	77	76	68	73	70	65
Scalloway Junior High	72	132	179	160	157	146	156	153	150
Sandwick Junior High	55	121	144	145	149	148	151	166	146
Skerries School	2	5	2	5	4	4	3	2	3
Total	897	1,583	1,597	1,615	1,698	1,753	1,768	1,648	1,571

Source: Education Department, SIC

Further Education

Students Enrolled on Further Education Courses

	1976-77	1988-89	1992-93	1993-94	1994-95	1995-96	1996-97
Full Time	0	99	100	210	109	131	141
Part Time	56	82	72	263	996	1,096	1,627
Evening Class	815	1,228	1,200	1,071	918	1,033	1,072
YT / Skill Seekers ..	0	69	108	102	68	45	42
Total	871	1,478	1,480	1,646	2,091	2,305	2,882

Source: Shetland College of Further Education

North Atlantic Fisheries College

	1992	1993	1994	1995	1996
Business Courses	0	19	19	49	21
Aquaculture Courses	9	24	13	26	25
Fisheries Science	0	0	0	0	10
Marine Engineering	25	24	50	73	68
Maritime Studies	79	180	264	257	381
Processing Courses	0	0	46	53	24
Courses run by Third Parties	131	321	267	227	243
Total Student Enrolments	244	568	659	685	772

Source: North Atlantic Fisheries College

Social Care Provision

The following services are provided by Shetland Islands Council Social Work Department except where stated otherwise:

	1995-96	1996-97
No. of Local Authority Beds for Elderly People*	70	53
No. of Voluntary Sector Beds for Elderly People**	66	66
No. of Day Care places for Elderly People***	56	58
No. of beds in Hostel for Adults with Learning Disabilities	15	16
No. of beds in Children's Homes	5	5
No. of beds for Mentally/Physically Disabled Children – Respite Care	6	6
No. of Laundries	6	4
No. of Meals on Wheels Schemes	27	27
No. of Luncheon Clubs	3	3
No. of Meals Delivered	41,856	41,292
No. of Home Helps	248	246
No. of Home Help Clients	547	538
No. of Community Care Support Workers****	70	134
No. of Community Care Support Clients****	35	52
No. of Homes Connected to Community Alarm System	570	614

* The number of Local Authority beds for elderly people has dropped due to the closure of Viewforth for refurbishment.

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

*** Shetland Welfare Trust care centres provide up to 46 of the day care places for the elderly. Social Work Department and Housing Department 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.

**** 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.

Coastguard Services

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

Incidents Co-ordinated by Shetland Coastguard

1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
64	76	62	94	91	82	88	104	115	114	152	207	123

Statistics for 1996

Persons assisted	225	To Vessels:	
Persons rescued	64	Strandings (grounding)	1
Lives lost	4	Collisions	0
		Taking water	4
		Capsized	0
To Persons:		Sail, gear, mast failure	2
Medico/Medevac	50	Machinery failure	23
Man overboard	3	Out of fuel	1
Diver in difficulty	0	Vessels overdue	3
Missing person	2	Adverse weather conditions	0
Person on cliff	0	Fire	1
		Abandoned	0
		Sunk	0
		Fouled propeller	5
		Uncertain position	1
		Miscellaneous incidents	7

Coastguard Helicopter (Sumburgh) Missions carried out

1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
1	40	39	37	61	64	59	84	58	72	88	93	122	76

Helicopter Mission Statistics for 1996

MEDEVACS	30
Vessels sinking	7
Vessels aground or adrift	2
Vessels afire or missing	3
Man overboard	2
Assistance to offshore installations	6
Missing persons	0
Diving casualties	0
Searches (including emergency transmissions)	22
Other	4

Call Outs by Shetland Coastguard Maritime Rescue Sub Centre (MRSC) 1996:

Coastguard Rescue Helicopter	29
Coastguard Sector Officers	40
Coastguard Auxiliaries	97
Lerwick Lifeboats	16
Aith Lifeboat	14

Crime

The Shetland Sub-Division of the Northern Constabulary is run by the Northern Joint Police Committee, administered by Highland Regional Council. In 1996/97, the requisition from Shetland Islands Council was £1,110,941, and in 1997/98 will be £1,237,095.

Number of Police Stations in Shetland 1996

Single Officer Police Stations: 3 (Baltasound, Mid Yell & Whalsay)
Two Officer Police Stations: 2 (Scalloway & Dunrossness)
Section Stations under Sergeant-in-Charge: 1 (Brae)
Shetland Command Area Headquarters: 1 (Lerwick)

Police Manpower

	1971	1981	1984	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
	21	45	36	36	35	34	35	35	36	36	37	37	37	37

Number of Crimes and Offences reported to the Police

	1983	1984	1986	1988	1989	1990	1991	1992	1993	1994	1995	1996
Group 1	18	24	24	20	32	19	21	20	9	14	27	14
Group 2	1	9	2	10	20	22	3	3	8	12	8	8
Group 3	306	376	345	257	302	343	279	220	321	414	414	347
Group 4	171	147	133	190	249	196	199	171	209	198	181	235
Group 5	44	77	71	67	83	86	53	60	163	152	156	151
Group 6	311	403	286	371	371	410	322	295	316	299	398	471
Group 7	743	965	926	987	1,152	1,436	1,278	856	899	837	676	524
Total	1,594	2,001	1,787	1,902	2,209	2,512	2,155	1,625	1,925	1,926	1,860	1,750

Group 1: Non-sexual crimes against the person
Group 2: Crimes involving indecency
Group 3: Crimes involving dishonesty
Group 4: Fire-raising, malicious and reckless conduct
Group 5: Other crimes
Group 6: Miscellaneous
Group 7: Offences relating to motor vehicles

In 1996 the Northern Constabulary Shetland Command Area achieved a crime detection rate of 89.7% compared with 87.7% in 1995.

The detection rate in respect of crimes as detailed in groups 1-5 above was 76.6% in 1996.

Fire Service

The Fire Service in Shetland is run by the Highland and Islands Fire Brigade, administered by Highland Regional Council. In 1996/97, the requisition from Shetland Islands Council was £735,355 and in 1997/98 will be £782,516.

Number of Fire Units in Shetland 1996

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

Number of Fires Attended

	1981	1985	1990	1991	1992	1993	1994	1995	1996
Chimney fire	24	64	51	66	51	68	56	44	50
Special Services (pumping out boats, properties, road traffic accidents)	17	7	39	40	23	34	26	33	19
Property and small fires	54	48	41	54	62	35	42	61	45
False alarms, good intent	6	23	32	42	66	42	56	63	84
False alarms, malicious	2	0	10	3	4	9	8	9	22
Total	103	142	173	205	206	188	188	210	220

Source: Highland and Islands Fire Brigade

Postal Services

Post Office Employees

	1990		1994		1995	
	Royal Mail Delivery	PO Counters Ltd	Royal Mail Delivery	PO Counters Ltd	Royal Mail Delivery	PO Counters* Ltd
Full Time Staff	45	8	41	6	41	6
Part Time Staff	21	-	26	3	26	3
Sub Postmasters	-	30 (FT)	-	23 (FT)	-	20 (FT)
	-	23 (PT)	-	28 (PT)	-	27 (PT)
Ancillary Staff	9	-	5	-	5	-
Total	75	61	72	60	72	56

*7 offices temporarily closed
Source: Royal Mail (Lerwick)

No. of Letters Posted Weekly

1972	1977	1981	1986	1989	1990	1992	1994	1995	1996
49,866	52,602	69,400	56,000	65,582	64,095	67,542	63,900	64,348	60,660

Source: Royal Mail (Lerwick)

No. of Television Licences

1972	1986	1988	1989	1990	1991	1993	1994	1995	1996	1997
4,574	6,480	6,800	6,852	6,929	7,013	7,556	7,608	7,843	7,965	7,971

Energy

Electricity Consumption Categories (Megawatts)

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

* Breakdown of consumers in current categories available from 1985 to 1989 only
Source: Hydro Electric

Electricity Generation

	1971-72	1991-92	1993-94	1994-95	1995-96	1996-97
Units Generated (kilowatt hours)	32,319,000	170,023,850	194,992,000	193,581,000	201,204,060	203,300,000
Maximum demand (megawatts)	11.69	41.2	39.5	39.8	39.9	40.2

Source: Hydro-Electric

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

	1981	1990*	1991	1992	1993	1994	1995	1996
33,000 Volt overhead lines	98.0	128.3	128.3	128.3	133.0	133.0	133.0	133.0
33,000 Volt underground cables	3.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6
11,000 Volt overhead lines	756.2	833.4	843.0	849.0	858.0	858.0	874.5	879.0
11,000 Volt underground cables	65.5	97.8	99.3	101.7	103.8	104.0	111.0	111.0
Low Voltage overhead lines	345.6	326.5	324.5	318.7	313.6	307.0	302.0	294.0
Low Voltage underground cables	65.6	119.7	122.7	132.9	139.8	141.0	151.0	163.0

* Figures from 1990 onwards are approximations only

Source: Hydro-Electric

Electoral Statistics

General Election results in the Orkney and Shetland Parliamentary Constituency:

APRIL 1992

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

MAY 1997

James Wallace (Lib Dem)	10,743
James Paton (Lab)	3,775
William Ross (SNP)	2,624
Hope Anderson (Con)	2,527
Francis Adamson (Referendum)	820
Christian Wharton (Artist, Teacher)	116
Arthur Robertson (Independent)	60
Majority	6,968
Electorate: 32,291	
(Shetland: 17,015; Orkney: 15,276)	

European Assembly Election results in the Highlands and Islands Constituency:

JUNE 1989

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

JUNE 1994

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

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

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

REFERENDUMS

September 1977:

"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)
Total Electorate (Shetland):	16,954	

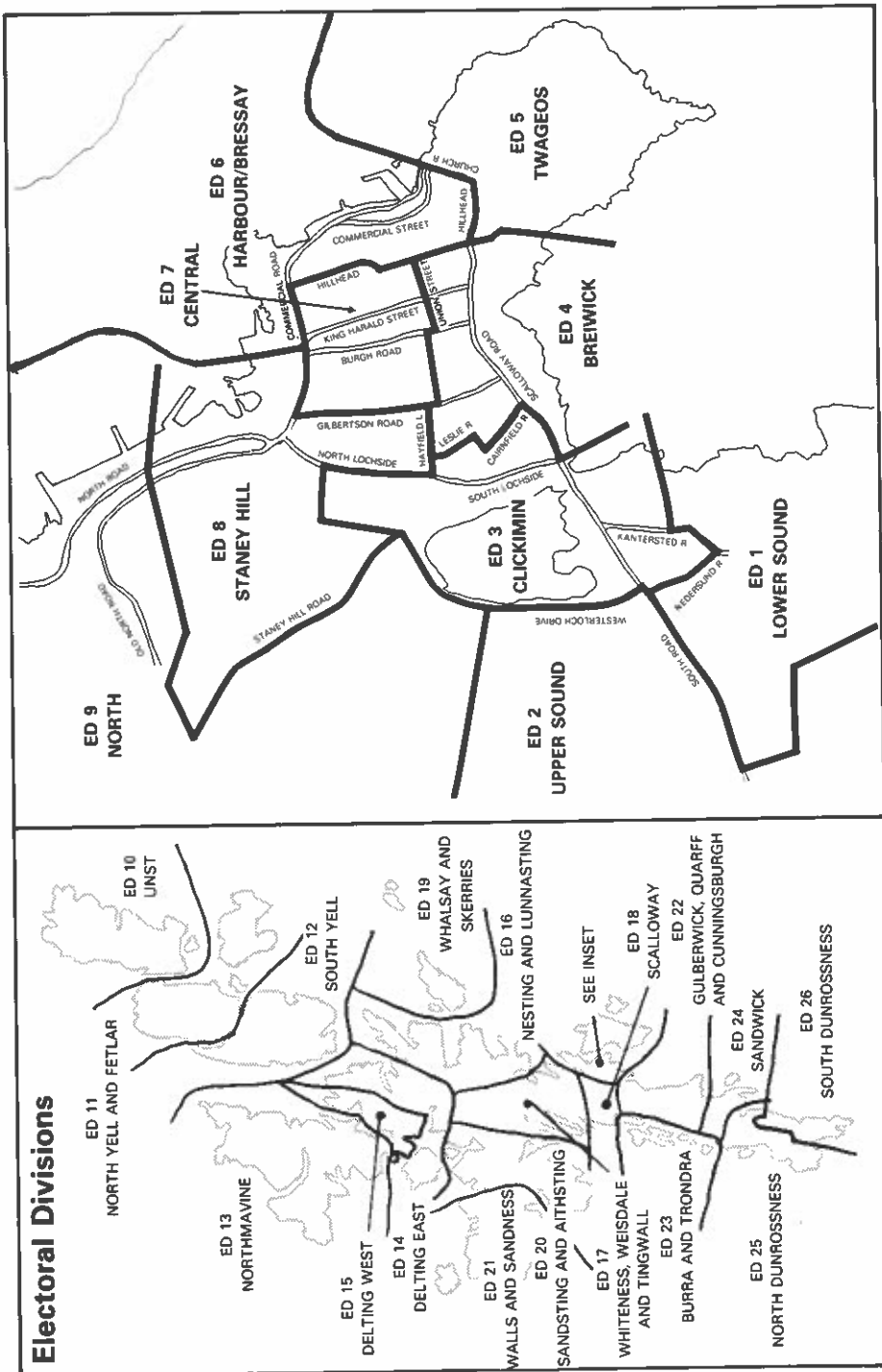
March 1979:

Do you want the provisions of the Scotland Act 1978 to be put into effect?	
No	5,466
Yes	2,020
Total Electorate (Shetland):	14,882

Shetland Islands Council

Members (May 1994 to May 1999)

Ward	Councillor
1. Lerwick Lower Sound	Peter Malcolmson , Skersund, Upper Sound, Lerwick (Liberal Democrat) (Electorate 644. Elected unopposed)
2. Lerwick Upper Sound	Robert L. Johnson , 11 Andrewston Brae, Lerwick (Independent) (Electorate 650. Elected unopposed)
3. Lerwick Clickimin	William N. Stove , 1 Lovers Loan, Lerwick (Shetland Movement) (Electorate 655. Elected unopposed)
4. Lerwick Breiwick	Cecil B. Eunson , 68 Breiwick Road, Lerwick (Electorate 645. Returned unopposed)
5. Lerwick Twageos	Lewis S. Smith , 1 Greenrig, Lerwick (Electorate 614. 256 votes; 58% poll; 72% of total votes cast)
6. Lerwick Harbour and Bressay	Tavish H. Scott , Gardie Cottage, Bressay (Liberal Democrat) (Electorate 708. 221 votes; 59% poll; 53% of total votes cast)
7. Lerwick Central	William A. Smith , 14 Bruce Crescent, Lerwick (Labour) (Electorate 717. 216 votes; 40% poll; 76% of total votes cast)
8. Lerwick Staney Hill	Lindsay S. Smith , 17 Kantersted Road, Lerwick (Independent) (Electorate 609. Elected unopposed)
9. Lerwick North	Leonard G. Groat , 10 Voder View, Lerwick (Independent Labour) (Electorate 598. Returned unopposed)
10. Unst	Joan W. Easten , 27 Hamarsgarth, Mossbank (Independent) (Electorate 610. Returned unopposed)
11. Yell North & Fetlar	Brian P. Gregson , The Old Manse, West Sandwick, Yell (Electorate 319. 165 votes; 83% poll; 62% of total votes cast)
12. Yell South	John P. Nicolson , 10 Giblestone Road, Scalloway (Liberal Democrat) (Electorate 566. 217 votes; 59% poll; 64% of total votes cast)
13. Northmavine	William H. Manson , Mangaster, Sullom (Electorate 580. Returned unopposed)
14. Delting East	Mary U. Colligan , Vendaal, Voe (Electorate 704. Returned unopposed)
15. Delting West	William A. Ratter , Hillhead, Ollaberry (Electorate 689. 220 votes; 54% poll; 60% of total votes cast)
16. Nesting & Lunnasting	Greta M. McElvogue , North House, Sweening, Vidlin (Electorate 412. Returned unopposed)



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

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

Source: Administrative Services Division, SIC

Departments

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

Department	Director	Address
Commercial Services	Deborah Lamb	Hayfield House, Hayfield Lane, Lerwick, ZE1 0QD
Development	Alvin Bashforth	93 St Olaf Street, Lerwick, ZE1 0ES SSQC Section, North Atlantic Fisheries College, Scalloway, ZE1 0UN
Education & Community Services	Jim Halcrow	Schlumberger, Gremista Industrial Estate, Lerwick, ZE1 0PX
Environmental Services	Graham Spall	Greenhead, Lerwick, ZE1 0PY

Department	Director	Address
Finance	Andrew Matthews	Breivick House, Lerwick, ZE1 0RB
Housing	Andrew Matthews (Acting Director)	Fort Road, Lerwick, ZE1 0LR
Marine Operations	George Sutherland	Port Administration Buildings, Sella Ness, Graven, Mossbank, ZE2 9QR
Planning	Graham Spall	Grantfield, Lerwick, ZE1 0NT
Roads & Transport	Graham Spall	Grantfield, Lerwick, ZE1 0NT
Social Work	Bill Bennett	92 St Olaf Street, Lerwick, ZE1 0ES Toll Clock Centre, Lerwick, ZE1 0PE North Division, Brae, ZE2 9QJ

Telephone: General Enquiries Lerwick (01595) 693535

Shetland Islands Council Finance

	1996/97			1997/98 (estimated)		
Services Provided By	Revenue	Capital	Total	Revenue	Capital	Total
Shetland Islands Council	Expend.	Financing	Expend.	Expend.	Financing	Expend.
	£'000	£'000	£'000	£'000	£'000	£'000
GENERAL FUND EXPENDITURE						
Development	1,514	494	2,008	1,971	462	2,433
Education	22,790	3,693	26,483	24,027	3,551	27,578
Environmental Services	4,778	350	5,128	5,128	264	5,392
Housing	852	(10)	842	842	12	854
Community Services	3,529	536	4,065	3,805	548	4,353
Planning	869	12	881	900	12	912
Policy and Resources	3,335	(11,109)	(7,774)	4,901	(10,124)	(5,223)
Roads and Transport	11,640	5,161	16,801	12,199	4,745	16,944
Social Work	6,295	371	6,666	7,378	362	7,740
Committee Expenditure	55,602	(502)	55,100	61,151	(168)	60,983
Source of Finance:						
Revenue Support Grant			(40,861)			(48,235)
Non-Domestic Rates			(5,853)			(5,961)
Council Tax			(2,829)			(3,319)
Contributions and balances			(5,557)			(3,468)
General Fund Balance			0			0

1996/97

1997/98 (estimated)

	Revenue Expend. £'000	Capital Financing £'000	Total Expend. £'000	Revenue Expend. £'000	Capital Financing £'000	Total Expend. £'000
HARBOUR ACCOUNT EXPENDITURE						
Harbour Operations	14,367	789	15,156	15,320	2,607	17,927
Source of Finance:						
Tanker Traffic			(9,717)			(9,153)
Mooring Charges			(461)			(408)
Boarding & Landing			(396)			(376)
Pilotage			(349)			(325)
Grants and Reimbursements			(2)			(3)
Other Income			(4,231)			(7,662)
Harbour Account Balance			0			0
HOUSING REVENUE ACCOUNT EXPENDITURE						
Housing Services	3,683	6,794	10,477	3,519	6,805	10,324
Source of Finance:						
Housing Support Grant			(3,716)			(4,094)
Rents and Other Client Income			(4,699)			(4,622)
Financing and Contributions			(2,062)			(1,608)
Housing Revenue Account Balance			0			0

Source: Finance Department, SIC

Rating and Valuation

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

* Revaluation: 1st April 1978 and 1985

	1994/95 Pence per £	1995/96 Pence per £	1996/97* Pence per £	1997/98* Pence in £
Non-Domestic Rates				
General	42.3	43.2	44.9	45.8
Water	10.5	9.2	9.75	10.43
Sewerage	9.2	7.6	8.06	8.62
Total	62.0	60.0	62.71	64.85
Council Tax (Band D Charges)				
General	(£) 341.52	(£) 358.60	(£) 443.21	(£) 486.00
Sewerage	68.33	69.62	65.50 gross 4.50 net	70.00 gross 29.26 net
Water	116.34	118.36	116.00	111.00
Total	526.19	546.58	563.71	626.26

Council Tax 1997/98*

Band	Property Value	General Fund Council Tax (£)
A	Up to £27,000	324.00
B	£27,001 to £35,000	378.00
C	£35,001 to £45,000	432.00
D	£45,001 to £58,000	486.00
E	£58,001 to £80,000	594.00
F	£80,001 to £106,000	702.00
G	£106,001 to £212,000	810.00
H	Over £212,001	972.00

* Water and sewerage services passed to North of Scotland Water Authority on 1st April, 1996. Domestic sewerage charges are subject to transitional relief grants, hence the gross & net figures given above.

Source: Finance Department, SIC, and NOSWA

Community Council Clerks

Aithsting & Sandsting	Mrs Laurena Fraser, West Burrafirth, Bridge of Walls	(01595) 809203
Bressay	Mrs Joyce Garden, Tjaldur, Voehead, Bressay	(01595) 820202
Burra & Trondra	Mrs Joyce Adamson, 12 Atlanness, Hamnavoe	(01595) 859426
Delting	Mrs Wendy Smith, La Quebrada, Griesta, Gott	(01595) 840266
Dunrossness	Mrs Nancy Heubeck, Mansefield, Skelberry, Dunrossness	(01950) 460304
Fetlar	Ms Jane Mack, Houll, Fetlar	(01957) 733207
Gulberwick, Quarff & Cunningsburgh	Robert Jarmson, Meal, Cunningsburgh	(01950) 477259
Lerwick	Mrs E. Nicolson, Community Council Office, Stouts Court, Lerwick	(01595) 694286
Nesting & Lunnasting	Mrs M. Stonehouse, Kirkabister, Vidlin	Home (01806) 544283 Bus. (01806) 522370
Northmavine	Mr Robert Jamieson, Nissetter, Ollaberry	(01806) 544317/544250
Sandness & Walls	Mrs Laurena Fraser, West Burrafirth, Bridge of Walls	(01595) 809203
Sandwick	Mrs Rosemary Inkster, Wainui, Hoswick, Sandwick	(01950) 431284
Scalloway	Mrs Sandra Reynolds Berry Road, Scalloway	(01595) 880429
Tingwall, Whiteness and Weisdale	Mrs Thelma Jamieson, Varhjem Upper Strand, Gott	(01595) 840489
Unst	Mrs Annette Smith, Brakefield, Uyeasound, Unst	(01957) 755243
Whalsay & Skerries	Mrs Hazel Simpson, Old Haa, Symbister, Whalsay	(01806) 566224
Yell	D. R. A. Rushton, Stonganess, Cullivoe, Yell	(01957) 744234
Association of Shetland Community Councils	Secretary: J. C. Irvine, Brentham House, Harbour Street, Lerwick	(01595) 693816

Source: Administrative Services Division, SIC

Shetland Interest Publications

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

General Interest

	£	
Baxter, C. & Crumley, J.	Shetland – Land of the Ocean	12.95
Dey, J.	Out Skerries – An Island Community	6.99
Finnie, M.	Shetland, An Illustrated Architectural Guide	6.00
Gear, S.	Foula, Island West of the Sun	10.95
Jamieson, D.	Memory Be Green (Fetlar)	3.90
Linklater, E.	Orkney and Shetland	9.95
Mitchell, W. R.	It's A Long Way to Muckle Flugga	4.50
Nicolson, J. R.	Traditional Life in Shetland	7.95
Powell, M.	Edge of the World, the Making of a Film (Foula)	6.99
Shetland Times	A Picture Guide to Shetland	4.95
Whitfield, A.	Island Pilot	8.95
Wills, J. & Warner, K.	Innocent Passage – The Wreck of the Braer	14.99

Economy & History

	£	
Anderson, Peter D.	Black Patie – Earl Patrick Stewart	22.00
Ballantyne, John & Smith, Brian	Shetland Documents 1611-1850	19.99
Cohen, A. P.	Whalsay: Symbol, Segment and Boundary in a Shetland Island Community	25.00
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
Durham, J. R.	Night and Day: Recollections of an Island Doctor	4.80
Fojut, N.	A Guide to Prehistoric and Viking Shetland	12.00
Fojut & Pringle	Ancient Monuments of Shetland	3.95
Graham, L. & Smith, B. (Ed)	MacDairmid in Shetland	7.95
Halcrow, A.	The Sail Fishermen of Shetland	11.95
Hudson, Norman	Souvenir Postcards from Shetland – Shetland in Picture Postcards	14.95
Irvine, J. W.	Through Storm to Calm 1939-1950	7.20
Jakobsen, J.	Place Names of Shetland	7.99
Johnson, L.	Wrestlers with the Troubled Sea	4.25
Leith, George	A Lerwick Lifeboatman's Story	14.00
Manson, Thomas	Lerwick During the Last Half Century (1867-1917)	21.00
Newton, N.	Shetland	7.99
Nicolson, J. R.	Hay and Co., Merchants in Shetland	7.95
Nicolson, J. R.	Lerwick Harbour	7.50
Nicolson, J. R.	Traditional Life in Shetland	7.95
Peterson, J. P.	The History of Shetland Football 1887-1987	11.95
Ritchie, A.	Orkney and Shetland: Exploring Scotland's Heritage	7.95
Robson, A.	Saga of a Ship (Earl of Zetland)	12.00
Shetland Sub Aqua Club	Shetland Shipwrecks	2.00

Somner, G.	From 70 North to 70 South (History of the Salvesen Fleet)	5.99
Spence, J. C.	Inga's Story (Growing up in Shetland a Century Ago)	3.60
Turner, V.	How to Be a Detective	7.50
Walls Regatta Club	Walls Regattas 1895-1996	7.50
Watt, J.	Holm Sweet Holm	10.00

Natural Environment & Wildlife £

Copland, J.	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	12.00
Guy, P.	Walking the Coastline of Shetland, The Island of Yell	6.95
Guy, P.	Walking the Coastline of Shetland, No. 2 (Unst)	4.00
Guy, P.	Walking the Coastline of Shetland, No. 3 (Fetlar)	4.99
Guy, P.	Walking the Coastline of Shetland, No. 4 (Northmavine)	4.00
Guy, P.	Walking the Coastline of Shetland, No. 5 (Westside)	6.95
Harrop, H.	Where to Watch Birds	4.00
Hodgson, A.	Shetland Ponies	16.95
Malcolm, D.	Shetland's Wild Flowers	6.95
Russell, V.	Shetland Ponies	12.99
Tulloch, B.	Bobby Tulloch's Shetland	10.99
Tulloch, B.	A Guide to Shetland's Breeding Birds	9.95
Welsh, M.	Walks on Shetland	6.50

Folklore, Language and Music £

Anderson, T.	Ringing Strings	6.00
Anderson, T.	Gies an A'	6.00
Anderson, T.	The Tom Anderson Collection, Volume One	7.95
Clark, Alistair	Aly Bain – Fiddler on the Loose	14.99
Cluness, A. T.	Told Round the Peat Fire	9.85
Cook, P.	The Fiddle Tradition of the Shetland Isles	40.00
Cooper, S.	Key Notes: The History of the Lerwick Orchestra	9.00
Graham, J. J.	Shadowed Valley	9.95
Graham, J. J. & Tait, J.	The Shetland Folk Book, Volume 9	10.50
Graham, John J.	Shetland Dictionary	9.95
Guy, Christine	Songs and Sights of Shetland	7.99
Jamieson, F. & R.	Levenep Head	6.00
Jamieson, F. & R.	Vidlin Voe	7.50
Polson, S.	Unst Fiddle Tunes	6.50
Ritch, P. J.	Mother Wave – Collection of Verse	6.95
Robertson, T. A. & Graham, J.	Grammar and Usage of the Shetland Dialect	6.95
Stove, Magnus J.	The Shetland Violinist	6.50

Knitting £

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

Books For Children £

Fidler, K.	Haki the Shetland Pony	2.99
Leask, W.	Bess, Tales of a Middle Aged Sheepdog	1.80
Ratter, Sarah	Shetland in Colour	1.50

Local Information £

Jamieson, H.	Harry's Shetland Fishing Almanac 1997	3.30
Shetland Islands Tourism	The Shetland Guide Book	3.50
Shetland Islands Tourism	Where To Stay In Shetland	0.50
Shetland Islands Tourism	Inter-Shetland Transport Timetable	0.50

Maps £

Tourist Map Shetland and Orkney	3.25
Hjaltland Map by Roy Gronneberg	4.99
Also Ordnance Survey Maps 1:25,000 (£3.95) and 1:50,000 (£4.50)	

Shetland Economic Review 1993

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

Shetland Energy Audit 1994/95

This report is available on request from the Energy Unit, Environmental Services Department, Shetland Islands Council, Greenhead Base, Lerwick, Shetland ZE1 0PY, Free of charge.

Conversion Factors

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

Length

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

Area

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

Volume

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

Capacity

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

Velocity

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

Mass

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

Temperature

F = Degrees Fahrenheit
Centigrade : Fahrenheit

C = Degrees Centigrade

$$F = \frac{9C}{5} + 32$$

Fahrenheit : Centigrade

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