



Shetland in Statistics

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Shetland in Statistics



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Cover photograph:
A shipment of Shetland Catch's frozen mackerel is loaded
aboard the Cypriot registered reefer *Anton Gurin* for export.

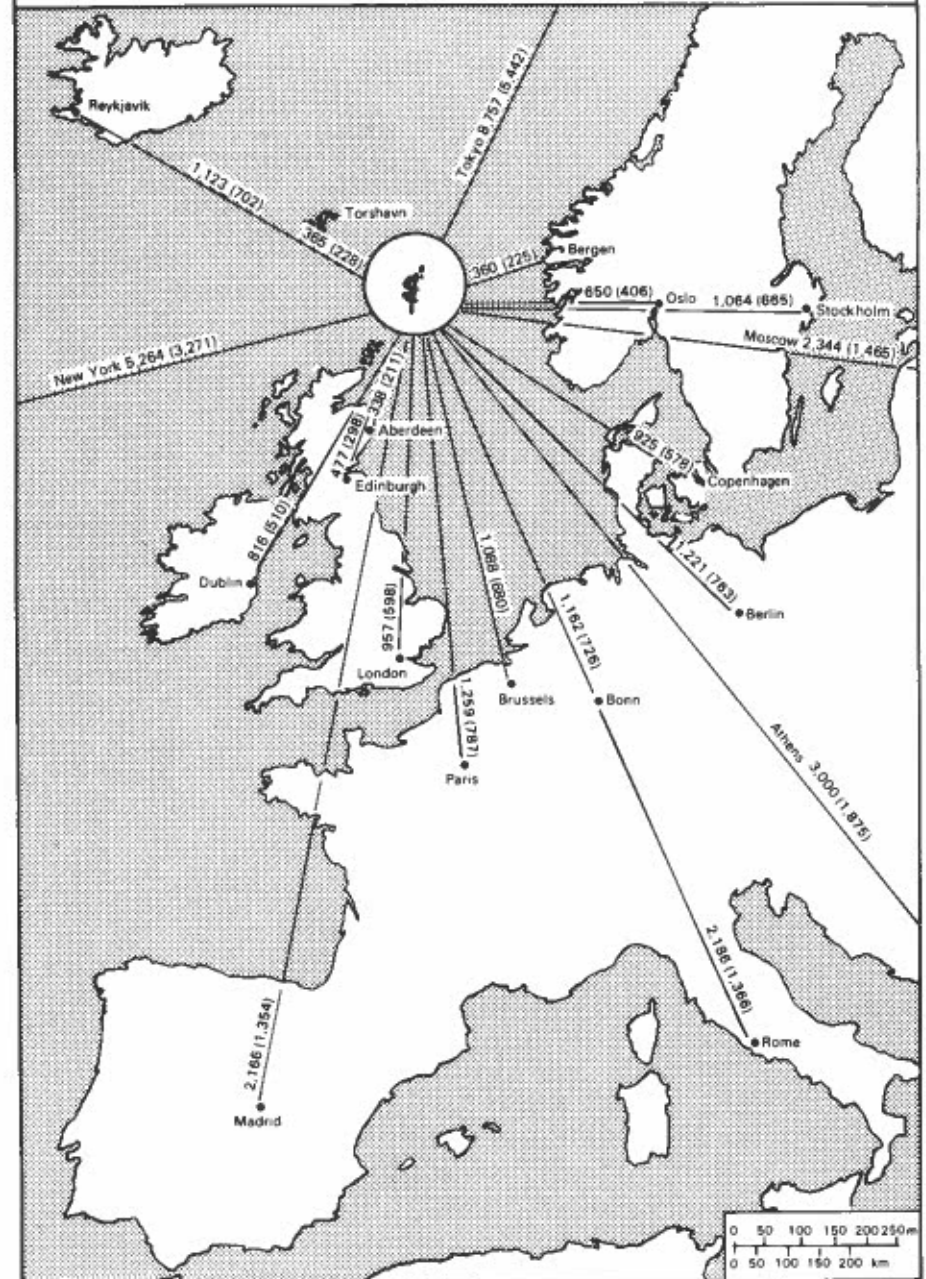
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Shetland: Location

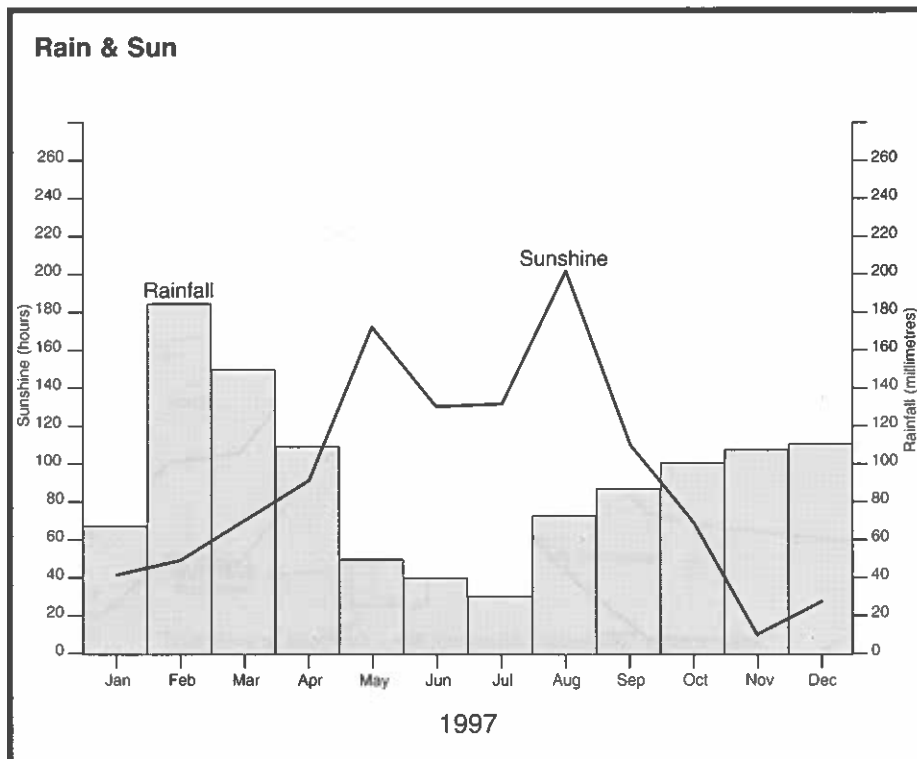
Lerwick is Lat 60°09' N
Lon 01°09' W

Approximate distances from Shetland
in kilometres (statute miles)



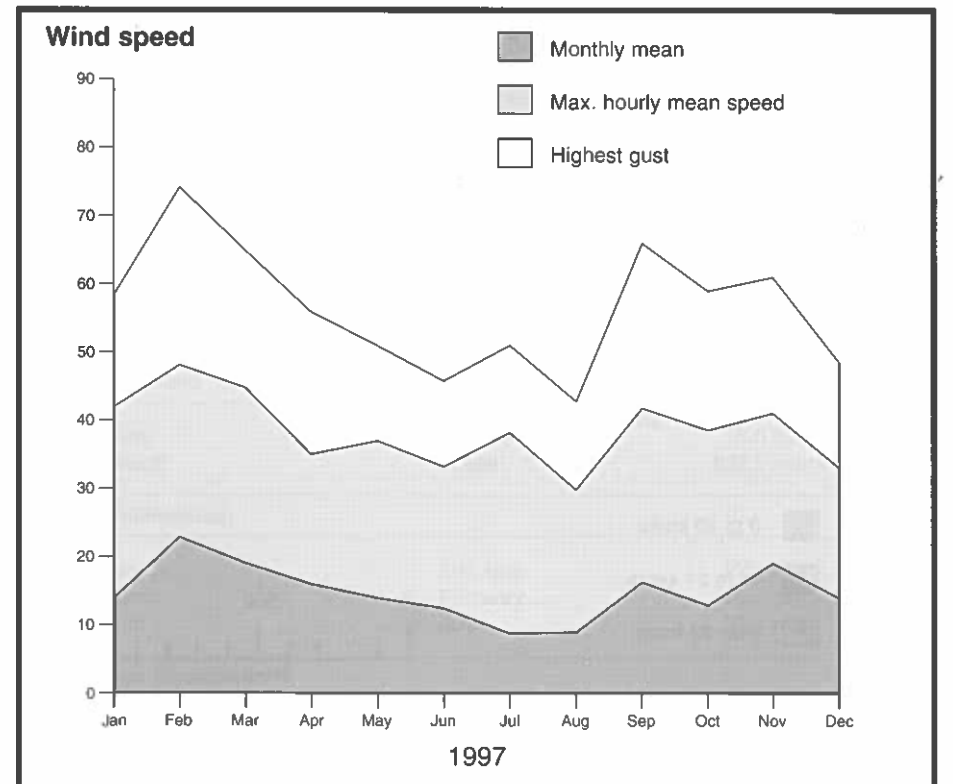
Sunshine and Rainfall (Monthly Totals)

	Sunshine (hours)		Rainfall (millimetres)	
	1997	Extreme daily values (1922-1997)	1997	Extreme daily values (1922-1997)
Jan	41.9	6.6 ('39)	67	39 ('27)
Feb	50.6	9.8 ('40)	186	44 ('26)
Mar	70.3	11.6 ('64)	152	40 ('52)
Apr	92.5	14.8 ('26)	110	34 ('40)
May	172.4	16.2 ('40, '57, '80)	50	50 ('66)
Jun	129.3	17.4 ('34)	41	37 ('81)
Jul	131.8	16.6 ('35)	32	86 ('35)
Aug	202.1	15.1 ('38)	76	47 ('94)
Sep	109.3	12.6 ('43)	87	47 ('54)
Oct	71.6	10.1 ('37)	101	59 ('81)
Nov	11.2	6.8 ('67)	108	66 ('49)
Dec	27.9	5.1 ('57)	113	68 ('95)
Year	1110.9		1123	



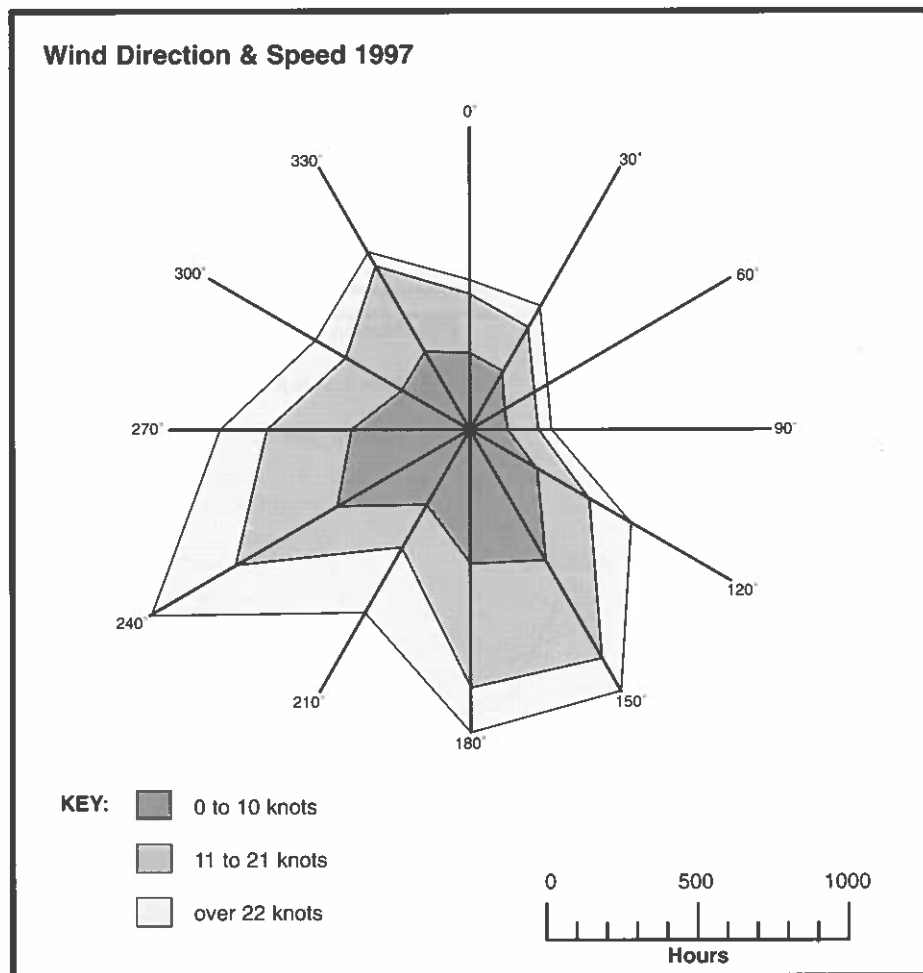
Wind Speed (knots)

	Monthly average 1997	Maximum hourly average speed 1922-1997			Highest gust 1922-1997		
		1997 (speed)	direction	year)	1997 (speed)	direction	year)
Jan	14.2	42	(64	220 '61)	58	(95	220 '60 & '92)
Feb	23.6	48	(56	230 '81)	74	(83	220 '57)
Mar	19.4	45	(53	240 '67)	65	(77	240 '67)
Apr	15.2	35	(55	250 '57)	56	(78	250 '57)
May	14.9	37	(44	100 '82)	51	(65	110 '82)
Jun	13.3	33	(42	260 '55)	46	(61	260 '55)
Jul	9.0	38	(40	030 '40)	51	(61	290 '64)
Aug	9.1	30	(50	240 '23)	43	(71	240 '23)
Sep	15.6	42	(59	210 '78)	66	(87	260 '63)
Oct	13.1	38	(58	230 '65)	59	(90	250 '80)
Nov	19.2	41	(51	240 '73)	61	(80	220 '38)
Dec	14.4	33	(58	260 '49)	48	(90	220 '56)



Wind Direction & Speed 1997 (Hours)

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°
0 – 10 knots	177	151	132	106	173	411	414	213	383	291	259	363
11 – 21 knots	265	245	117	120	267	462	454	267	530	398	278	287
Over 22 knots	48	135	44	53	181	277	260	291	444	148	71	40



Climatic Conditions 1997 (days)

	Snow or Sleet	Air Frost	Thunder	Gales	Fog	Rain
Jan	3	4	0	6	0	19
Feb	15	5	2	19	0	27
Mar	11	5	0	12	0	24
Apr	7	4	0	6	2	19
May	4	1	1	2	1	12
Jun	0	0	0	1	2	12
Jul	0	0	0	1	6	14
Aug	0	0	1	0	4	12
Sep	0	0	0	5	0	20
Oct	3	0	0	1	2	25
Nov	1	0	0	5	1	28
Dec	2	2	0	0	1	24
Total	46	21	4	58	19	236

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 1997

Temperature (deg. C.)

Max. Temp.	12th August	22.1°C
Min. Temp.	15th February	-2.8°C

Sunshine (hours)

Sunniest Day	4th June	16.0 hours
Sunniest Month	August	202.1 hours

Rainfall (millimetres)

Wettest Day	2nd April	27.2 mm
Wettest Month	February	185.9 mm
Driest Month	July	32.6 mm

Wind Speed (knots)

Highest Gust	20th February	74.0 kn
Windiest Month	February	23.6 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
Delting	958	863	701	674	2,719	2,491
Nesting	822	563	434	380		
Whalsay	900	859	764	871	1,025	1,043
Skerries	110	127	108	100	88 *	87
Tresta – Bridge of Walls	1,562	1,225	957	873	859	899
West of Bridge of Walls	884	687	561	483	715	599
Foula	118	75	54	33	45 *	42
Papa Stour	100	68	55	24	35 *	35 *
Whiteness/Weisdale/Tingwall	1,140	1,604	1,603	1,671	1,075	1,183
Scalloway						
Trondra	91	54	20	17	88 *	117
Burra	767	648	653	565	850 *	889
Sandwick/Cunningsburgh	1,507	1,376	1,172	1,120	1,303 *	1,352
Bigton Junction – South	1,089	1,021	858	848	1,347	1,519
Fair Isle	108	73	64	65	69 *	68
Lerwick	4,221	5,538	5,908	6,127	7,143	7,280
Bressay	452	335	269	251	335	353
Quarff/Gulberwick	1,518	426	385	171	579 *	400
Total	21,131	19,352	17,812	17,327	22,766	22,522

* Estimated

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

1981 Census – Resident Population excluding absent households.

1991 Census – Resident Population including absent households.

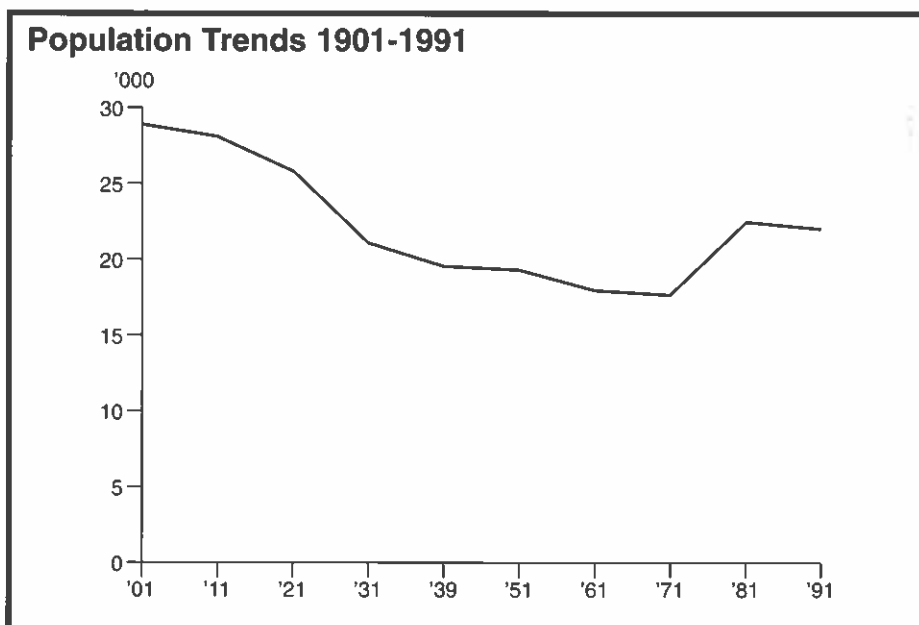
The 1991 estimate is the more accurate representation of the usually resident population.

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.

Population by Doctor Registration Areas

	1991	1995	1996	1997	1998
Unst	900	886	862	832	848
Yell	1,158	1,154	1,133	1,110	1,096
Whalsay	1,136	1,119	1,110	1,095	1,091
Hillswick	700	668	676	691	702
Brae	2,775	2,732	2,733	2,685	2,384
Walls	665	715	695	701	699
Bixter	1,047	1,094	1,085	1,073	1,095
Levenwick	2,429	2,382	2,386	2,336	2,316
Scalloway	2,677	2,667	2,670	2,651	2,621
Lerwick	9,373	9,549	9,617	9,583	9,514
Total	22,860	22,966	22,967	22,757	22,612

Source: Shetland Health Board



Source: General Register Officer, Scotland

Economy and Industry

Economic Performance

The output value of the Shetland economy was estimated to be £475.7 million for 1997. This represents a rise of £19.2 million on the 1996 total. The table below shows how the individual sectors performed with the main features being the £5 million plus increase in oil production (the running costs of Sullom Voe Terminal) and a £7.4 million increase in fisheries (the combined output from fish catching, fish farming and fish processing). The Council's outturn figures were down by £0.8 million, continuing the trend of expenditure reduction. The rise in the value of the economy is reflected in the service sector total (construction, retail, oil services, government, etc.) which is up by £7.0 million on the previous year.

Value of the Shetland Economy	1995 £m	1996 £m	1997 £m
Oil Production	65.0	50.4	55.5
Combined Fisheries Output	85.0	97.8	105.2
Agriculture	13.5	14.3	12.8
Knitwear	4.0	4.0	5.0
Tourism	10.9	11.3	12.3
Shetland Islands Council	112.0	111.1	110.3
Services	168.4	167.6	174.6
Total	458.8	456.5	475.7

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	1997
Fish Catching	11.2	17.0	16.7	20.0	25.0	85.0*	97.8*	105.2*
Fish Processing	12.7	15.0	21.0	25.0	42.0			
Salmon Farming	-	3.3	23.3	33.0	37.0			
Agriculture	5.8	7.8	10.0	11.0	13.5	13.5	14.3	12.8
Knitwear	4.2	6.4	3.5	4.0	4.0	4.0	4.0	5.0
Tourism	3.5	5.9	10.0	10.0	10.0	10.9	11.3	12.3
Total	37.4	55.4	84.5	103.0	131.5	113.4	127.4	135.8

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

Source: Development Department, SIC estimates

Employment

Economic Activity in Shetland 1971-1991

	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

June	1971	1976	1981	1986	1991	1995	1996	1997	1998
Shetland %	3.8	3.5	5.3	6.3	3.6	3.0	3.8	3.2	3.6
Actual Figures Jan:	360	n/a	402	805	354	408	438	493	436
July:	170	n/a	457	771	314	394	466	399	373
Orkney %	3.9	3.4	9.0	11.7	5.5	4.2	4.3	3.6	3.4
Western Isles %	18.0	14.5	20.1	19.1	14.5	11.3	10.6	8.6	8.3
Aberdeen %	3.7*	3.3*	7.6*	8.8*	4.0*	4.3*	3.7	2.6	2.0
Aberdeenshire %							4.2	2.9	2.1
Scotland %	5.5	6.7	13.5	14.0	9.0	7.9	7.7	6.4	5.6

* Prior to 1996 these figures refer to Grampian Region.

Source: Employment Service

School Leavers' Main Destinations 1997/98

School	Total leavers	Full-time Higher Education	Full-time Further Education	Training	Employment	Other
Aith Junior High	7	0	1	0	5	1
Anderson High	222	94	20	16	71	21
Baltasound Junior High	5	0	0	1	3	1
Brae High	54	19	9	4	19	3
Mid Yell Junior High	9	0	3	2	3	1
Sandwick Junior High	11	0	4	2	4	1
Scalloway Junior High	24	0	0	6	18	4
Skerries School	1	0	0	1	0	0
Symbister Junior High	11	0	1	3	7	0
Total	344	113	38	35	130	28

Note: Other includes unemployed

Source: Shetland Careers Service

Employment in Shetland

	1971(a)	1977(b)	1981(c)	1983(d)	1991(d)	1994(d)	1997(d)
Primary	279	322	938	1,276	1,258	1,053	1,465
Manufacturing	1,335	1,125	940	923	1,121	1,130	1,322
Construction	489	1,004	906	763	817	749	946
Services	2,885	4,400	6,189	5,779	5,817	6,476	8,125
Self Employed	1,445	1,450	1,452	1,455	1,691	1,708	1,640
Total	6,433	8,301	10,425	10,196	10,704	11,116	11,858

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 survey.

Employment Distribution (June 1997)

Area	Employees				Self Employed				Subtotals				
	Male		Female		Male		Female		Male		Female		Total
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	Total
Bigton Jct - S	223	50	80	140	43	16	9	16	332	245	355	222	577
Bressay	49	3	4	12	11	6	1	3	69	20	65	24	89
Burra	15	10	17	46	64	29	4	3	118	70	100	88	188
Delling/Nesting	809	34	170	193	74	38	16	22	955	401	1069	287	1356
Fair Isle	8	9	1	10	7	3	1	5	27	17	17	27	44
Fellar	8	1	0	10	2	2	1	3	13	14	11	16	27
Foula	4	4	1	3	0	0	1	1	8	6	6	8	14
Lerwick	2620	394	1612	1674	303	86	100	88	3403	3474	4635	2242	6877
Mavis Grind - N	39	7	33	62	27	15	3	10	88	108	102	94	196
Papa Stour	0	0	1	6	0	1	1	1	9	2	8	10	10
Quarff/G'wick	17	0	4	6	12	1	1	5	30	16	34	12	46
S'wick/C'burgh	78	22	40	51	22	13	5	10	135	106	145	96	241
Scalloway	179	34	103	110	44	19	13	4	276	230	339	167	506
Skerries	6	4	3	11	29	6	1	3	45	18	39	24	63
Tresta - B'Walls	122	13	33	50	19	17	6	9	171	98	180	89	269
Trondra	20	4	8	0	1	1	3	1	26	12	32	6	38
Unst	67	8	30	45	17	8	7	10	100	92	121	71	192
W of B'Walls	30	9	30	62	12	20	3	9	71	104	75	100	175
Whalsay	91	7	63	104	142	18	3	5	258	175	299	134	433
White/Weis/Ting	81	12	24	50	25	8	6	10	126	90	136	80	216
Yell	100	12	43	70	38	20	8	10	170	131	189	112	301
Total	4566	637	2300	2715	892	327	193	228	6422	5436	7951	3907	11858

Source: Development Department, SIC

Fisheries

Fish Landings in Shetland

	White Fish		Shell Fish		Sand Eels		Herring		Mackerel		Other Pelagic	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
1971	17,954	1,057,691	783	159,370	0	0	22,813	584,148	190	3,296	116	2,126
1976	13,457	2,587,548	588	202,339	18,548	515,398	4,010	461,243	775	38,623	973	64,895
1981	11,444	3,212,175	695	328,200	40,731	1,173,560	871	57,158	826	49,560	0	0
1986	18,941	9,979,705	736	630,639	11,960	359,162	51,230	5,216,706	226	29,558	313	31,302
1991	10,603	10,823,185	1,004	1,402,010	8,249	392,776	41,684	3,963,148	38,514	4,829,790	5,124	284,674
1992	10,556	11,171,700	1,163	1,593,000	4,152	185,300	37,497	3,596,300	59,777	7,255,200	3,945	183,200
1993	12,633	11,670,477	1,020	1,374,362	2,943	123,949	32,310	3,392,744	59,871	7,547,925	27,514	1,331,573
1994	11,994	12,048,171	1,268	1,615,556	8,691	423,773	44,167	4,769,194	81,814	10,838,992	19,693	1,126,183
1995	12,851	13,207,665	1,727	2,145,969	4,506	249,584	61,826	6,048,796	38,533	5,805,839	15,88	841,889
1996	15,810	13,090,578	1,725	1,784,000	9,008	489,110	27,440	2,286,944	5,995	1,957,673	20,004	1,184,439
1997	11,165	10,300,370	2,037	2,469,971	13,276	738,763	12,937	1,151,724	15,927	6,453,913	20,345	1,270,919

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

Weight and Value of Catch by Species for 1997

Species Name	Weight (Tonnes)	Value (£)	Species Name	Weight (Tonnes)	Value (£)
Anglerfish (Monks)	1,456	3,422,872	Mackerel	15,927	6,453,913
Argentines	0	16	Megrims	182	240,775
Ling - Blue	0	10	Nephrops (Norway Lobster)	81	250,892
Capelin	1,769	106,116	Norway Pout	13	240
Catfish	25	30,182	Periwinkles	29	27,300
Clams	1	1,506	Pilchard	34	340
Cod	2,145	2,307,448	Plaice	188	157,422
Eels - Conger	0	98	Saithe (Coalfish)	521	216,786
Crabs - Brown (Edible)	574	383,240	Pollack (Lythe)	46	30,983
Crabs - Green	0	58	Scallops - Queen	38	15,529
Crabs - Velvet (Swim)	57	68,936	Razor Fish	18	36,722
Dabs	0	18	Redfish	5	2,058
Dogfish - Spur	63	41,455	Roes	3	2,034
Flounder	0	159	Sandeels	13,276	738,763
Other Flatfish	5	4,879	Scallops	862	1,341,406
Forkbeard	0	4	Skates & Rays	206	102,939
Halibut - Greenland	0	227	Sharks	0	701
Other or mixed Demersal	194	21,325	Sole or Dover Sole	0	15
Gurnards - Red	0	1	Sprats	385	31,233
Haddock	3,973	2,298,923	Squid	38	65,907
Halibut	4	10,568	Turbot	9	31,727
Herring	12,937	1,151,724	Tusk	22	8,447
Hake	18	23,344	Whiting - Blue	17,198	973,112
Mackerel - Horse	959	160,102	Whelks	326	111,045
Lobsters	12	167,430	Whiting	1,434	838,606
Sole - Lemon	33	41,741	Witches	29	25,468
Ling	612	451,400	Totals	75,709	22,398,141

All Fish Landed in Shetland 1997

	Demersal		Pelagic		Shell Fish		Total	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
Jan	890	802,199	5,785	2,180,745	75	99,120	6,750	3,082,064
Feb	723	720,618	3,066	1,270,420	70	83,471	3,860	2,074,509
Mar	1,107	798,956	5,257	842,154	118	112,839	6,482	1,753,950
Apr	1,748	882,647	11,380	649,834	159	129,806	13,286	1,662,288
May	1,726	1,148,730	9,821	701,886	168	126,515	11,716	1,977,132
Jun	6,299	1,182,913	312	38,996	143	127,182	6,754	1,349,091
Jul	7,714	1,313,626	2,737	240,207	178	178,624	10,629	1,732,457
Aug	943	813,278	2,357	328,305	90	126,683	3,391	1,268,266
Sep	986	895,057	1,570	127,835	147	195,799	2,703	1,218,709
Oct	1,020	978,991	3,917	1,735,572	229	273,581	5,166	2,988,144
Nov	681	804,955	1,979	545,091	146	170,650	2,806	1,520,697
Dec	627	709,642	1,026	215,492	513	845,700	2,166	1,770,834
Total	24,463	11,051,614	49,208	8,876,556	2,037	2,469,971	75,709	22,398,141

Included in White Fish Total

	1991		1995		1996		1997	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
Cod	2,220	2,744,602	3,852	3,915,120	3,683	3,200,233	2,145	2,307,448
Haddock	2,140	2,447,125	2,902	2,091,362	3,347	1,952,526	3,973	2,298,923
Whiting	2,463	1,437,210	2,064	1,162,463	1,790	966,244	1,434	838,606
Monkfish	1,429	3,554,426	1,892	4,350,196	2,676	5,047,928	1,456	3,422,872

Average Quay Prices per tonne

	1981 £	1986 £	1991 £	1995 £	1996 £	1997 £
Cod	337.31	828.42	1,236.31	1,016.39	868.92	1,075.73
Haddock	274.25	565.40	1,143.52	720.66	583.37	578.64
Whiting	270.31	506.43	583.52	563.20	539.80	584.80
Monkfish	584.69	1,507.60	2,487.35	2,299.26	1,886.37	2,350.87

Total Wet Fish Landed in Shetland

	1981	1986	1991	1995	1996	1997
Tonnes	53,872	74,839	104,187	135,311	78,627	73,671
£	4,492,453	15,547,208	21,338,570	28,277,723	20,907,671	19,928,170

Landings by Shetland Vessels outwith Shetland

	1971	1976	1981	1986	1991	1995	1996	1997
Tonnes	3,322	1,250	28,805	39,735	38,953	39,451	63,375	77,815
£	382,056	289,064	2,741,617	5,554,051	8,077,129	13,101,760	20,727,987	24,909,586

Distribution of Licensed Vessels by District

	1971	1976	1981	1986	1991	1995	1996	1997
Creek 1 — South Mainland	13	13	11	5	3	11	13	12
Creek 2 — Lerwick/Bressay	13	20	17	13	7	27	39	40
Creek 3 — Whalsay	49	53	33	22	21	40	37	38
Creek 4 — Out Skerries				4	4	7	8	7
Creek 5 — Yell/Fetlar/Unst	29	26	14	7	5	19	25	22
Creek 6 — Northmavine	14	15	7	4	5	6	8	8
Creek 7 — Central Mainland	—	—	—	0	4	4	8	10
Creek 8 — West Mainland	30	32	28	17	10	28	28	28
Creek 9 — Scalloway/Burra/Trondra	68	61	45	41	32	59	60	56
Total	216	220	155	128	89	208	226	221

Licensed Vessel Size

	Over 80ft	40-80ft	Under 40ft	Total
1971	0	64	152	216
1976	1	71	148	220
1981	8	52	95	155
1986	16	36	76	128
	Over 25m	10-25m	Under 10m	Total
1991	20	46	23	89
1995	24	51	133	208
1996	23	57	146	226
1997	20	44	157	221

Source: Fisheries Statistics Unit, Scottish Office Agriculture, Environment & Fisheries Department

Employment in the Shetland Fishing Industry

	1971	1976	1981	1986	1991	1995	1996	1997
Catching	636	652	542	507	458	627	502	683
Ancillary	171	225	243	265	330	304	301	290
Total	807	877	785	772	788	931	803	973

Source: Development Department, SIC estimates, Fisheries Statistics Unit, Scottish Office Agriculture, Environment & Fisheries Department

Fisheries Protection

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

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

Vessel Nationality	Fisheries Protection Vessel Boardings				Fisheries Protection Vessel Sightings				Fisheries Protection Aircraft Sightings			
	1991	1995	1996	1997	1991	1995	1996	1997	1991	1995	1996	1997
Belgium	0	2	2	3	1	5	3	3	1	10	12	5
Denmark	17	15	31	18	20	44	52	19	128	193	141	113
Eire	7	2	0	0	49	4	26	18	49	15	60	32
Faroe	2	0	3	7	15	1	8	11	23	23	12	29
France	101	18	19	26	212	36	58	54	371	140	154	122
Germany	51	8	17	15	78	11	30	26	196	56	78	52
Iceland	0	1	0	0	0	4	1	3	3	10	4	3
Netherlands	13	13	6	5	26	22	3	16	65	34	16	20
Norway	120	130	74	74	179	178	134	111	377	462	419	356
Spain	0	0	0	0	0	0	0	2	0	0	2	1
Sweden	5	0	0	4	8	0	1	1	19	3	8	3
UK	370	326	301	316	1,078	1,392	1,047	1,090	2,646	4,304	3,608	3,235
Other	0	0	0	0	1	3	1	0	1	4	4	8
Total	686	515	453	468	1,667	1,700	1,364	1,354	3,879	5,254	4,518	3,979

Source: Scottish Fisheries Protection Agency

Fish Processing

Fish Processing

	1977	1981	1986	1991	1995	1996	1997
Firms	11	10	8	14	16	16	18
Factories	15	13	14	15	17	17	19

Processing Lines

	1977	1981	1986	1991	1995	1996	1997
White Fish	11	10	11	5	6	6	6
Herring & Mackerel	3	2	1	1	1	1	2
Fish Meal Plants	3	1	2	1	1	1	1
Shellfish	3	2	2	3	3	3	5
Salmon	0	0	0	7	6	6	12
Smoking	3	2	2	3	3	3	7

Value (estimated turnover £ million)

	1991	1995	1996	1997
	25.00	49.00	51.50	61.15

Source: Shetland Fish Processors' Association

Employment

	1977	1981	1986	1991	1995	1996	1997
Full-time	967	480	567	578	570*	328	310
Part-time						234	231
Total	967	480	567	578	570*	562	541

*Estimate

Source: Development Department, SIC & Shetland Fish Processors' Association

Salmon Industry

Salmon Farms

	1984	1986	1991	1995	1996	1997
Companies Established	5	13	0	0	1	0
Companies Producing	4	27	59	46	46	47
Total	9	40	59	46	47	47

Production

	1984	1986	1991	1995	1996	1997
Smolts Introduced (x000)	294	935	4,643	5,811	6,234	13,276
Production (tonnes)	50	1,500	10,614	15,523	19,710	24,630
Average Tonnes per Farm	13	56	180	337	428	524

Value

	1984	1986	1991	1995	1996	1997
Production value (£m)	.22	6	33	38	37	47
Average per Tonne (£)	4,400	3,787	3,146	2,470	1,878	1,909

Employment

	1984	1986	1991	1995	1996	1997
Direct	40	158	304	310	323	307
Ancillary	59	168	482	385	360	340
Total	99	326	786	695	683	647

Source: Shetland Salmon Farmers' Association, Development Department, SIC, Scottish Office Agriculture, Environment & Fisheries Department

Manpower and Production by Region

Region		Staff		Annual Prod.	Prod. (t/man)	Grilse		Pre-salmon		Salmon	
		F/T	P/T			Tonnes	Mean wt (kg)	Tonnes	Mean wt (kg)	Tonnes	Mean wt (kg)
Shetland	1991	202	102	10,614	35	826	2.8	4,322	3.1	5,466	3.9
	1995	201	109	15,523	50	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	224	83	24,630	84	3,207	2.9	10,002	3.7	11,421	4.4
All Scotland	1991	1,014	272	40,593	32	7,449	2.1	13,577	2.6	19,567	3.2
	1995	1,104	251	70,060	52	22,235	2.3	25,540	3.8	21,916	4.3
	1996	1,151	242	83,121	60	25,776	3.0	32,222	3.8	24,485	4.5
	1997	1,088	207	99,197	77	34,227	3.3	37,122	3.8	27,263	4.4

Source: The Scottish Office Agriculture, Environment and Fisheries Department

Agriculture

Main and Minor Holdings

	1971	1981	1991	1995	1996	1997
Land Use (To nearest hectare):						
Tillage	1,410	1,062	740	468	423	388
Grassland & Crops	8,407	8,400	14,304	18,473	19,047	19,187
Rough Grazing (inc. C. Grazing)	129,019	133,160	130,943	126,326	126,853	127,056
Total Area Rented	38,130	36,046	36,781	39,442	40,244	40,513
Total Area Owned	28,161	30,368	33,840	33,223	34,454	35,506
No. of Holdings	2,439	2,240	2,311	2,250	2,219	2,195
No. of Common Grazings	93	93	100	100	100	100

Area Under Crops (To nearest hectare):

Grass (excl. Rough Grazings)	6,998	7,338	13,563	18,004	18,623	18,799
Barley & Oats	857	511	214	101	82	75
Turnips & Swedes	134	103	106	62	61	60
Kale & Cabbage	73	34	30	19	15	18
Potatoes	256	232	144	93	93	68
All Other Crops	17	25	126	139	121	123

Livestock:

Beef Cows & Heifers	2,492	1,896	2,129	2,296	2,340	2,341
Dairy Cows & Heifers	791	593	655	643	726	706
Total Cattle	6,945	5,103	5,701	5,854	6,224	6,191
Breeding Ewes & Gimmers	n/a	n/a	210,630	218,581	218,675	228,732
Total Sheep	264,779	297,558	387,468	397,378	399,162	417,544
Pigs	9	83	28	61	123	222
Poultry	12,950	8,672	4,428	4,240	4,182	4,369
Registered Slaughterhouses	9	8	4	2	3	2
Sheep Slaughtered	8,417	9,592	8,712	3,745	2,446	2,446
Cattle Slaughtered	485	278	339	29	89	151
Pigs Slaughtered	0	0	33	31	111	46
Sheep Exported	43,464	60,542	99,404	113,713	122,539	129,926
Cattle Exported	1,947	2,066	2,117	2,314	1,938	2,151
Ponies Exported	417	407	239	227	258	380
Wool Production (est. kilos)	218,000	245,000	337,000	350,000	350,000	365,000

Milk:

Dairy Units	23	23	16	11	10	10
Milk Production (litres)	1,428,975	2,069,550	2,584,564	2,848,583	2,751,721	2,578,736

Employment:

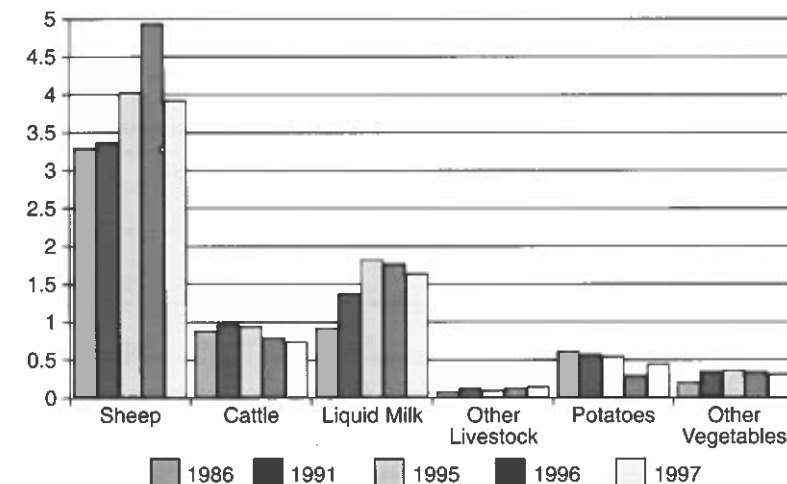
F/T & P/T Employees	222	204	244	285	304	308
F/T & P/T Occupiers	439	457	637	593	618	609
Others (including occupiers less than half time, wives/husbands of occupiers and casual/seasonal labour)	584	718	1,591	1,730	1,734	1,720

Source: Scottish Office Agriculture, Environment and Fisheries Department & The Meat Hygiene Service

Production

Value (estimated £m)	1986	1991	1995	1996	1997
Sheep	3.28	3.35	4.02	4.93	3.90
Cattle	0.86	1.00	0.91	0.73	0.75
Liquid Milk	0.90	1.40	1.80	1.74	1.63
Other Livestock (inc. eggs)	0.11	0.12	0.12	0.13	0.14
Potatoes	0.65	0.58	0.56	0.27	0.48
Other Vegetables	0.22	0.35	0.40	0.36	0.30
Total	6.02	6.80	7.81	8.16	7.20

Agricultural Production Value



Source: Development Department, SIC

SOAEFD & EU Assistance (£m)

	1986	1991	1995	1996	1997
HLCA	1.33	1.61	1.24	1.25	1.40
Annual Premiums	0.89	3.29	4.57	4.71	4.01
ESA	—	—	0.04	0.13	0.36
Total Assistance	2.22	4.90	5.85	6.09	5.77
Total Production Value and Value of Assistance	8.24	11.70	13.66	14.25	12.97

Source: Scottish Office Agriculture, Environment & Fisheries Department

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 356 agricultural loans approved up to and including the Trustee's meeting of 25th June 1998.

Development Projects

Type of Project	Numbers	Hectares	Metres	Gross Cost £
Drainage/Ditching		75.7	385,837	334,150
Fencing		218.5	496,638	941,318
Roads			30,877	208,890
Re-seeding		3,934.3		1,337,030
Buildings				3,947,031
Machinery				1,521,856
Livestock: Sheep	15,411			470,987
Cattle	526			292,245
Pigs	19			1,300
Hens	300			594
Quota: Sheep	2,989			99,512
Cattle	60			6,730
Milk				209,131
Land Purchased/Assigned		4,693.2		1,355,804
Emergency Stockpile				32,000
Other				161,683
Inflation				296,968
Total Gross Cost				£11,217,229
Financed by: Grants				3,725,788
Personal Contributions				1,742,085
Loans				5,749,356
Total Funding				£11,217,229

Knitwear

The major marketing problem facing the Shetland knitwear industry is the plagiarism of the word 'Shetland' by knitwear manufacturers all over the world. Many millions more garments labelled 'Shetland' are turned out than are actually produced in the islands, or can actually be accounted for by the production of wool from the native sheep. To counter this a certification trademark, 'The Shetland Lady', was registered. This forms the cornerstone of the industry's marketing activities.

Shetland Knitwear Export Markets, March 1998

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



Value (estimated turnover £ million)

1971	1976	1981	1986	1991	1995	1996	1997
1.0	2.0	4.0	6.4	3.5	4.0	4.0	5.0

Employment

	Employees			Self-Employed			Home Knitters
	Full Time	Part Time	Total	Full Time	Part Time	Total	
1971	234	111	345	n/a	n/a	n/a	2,268
1977	155	71	226	n/a	n/a	n/a	2,098
1981	n/a	n/a	131	n/a	n/a	n/a	1,200
1985	112	51	163	47	16	63	n/a
1991	56	33	89	15	13	28	1,345
1995	86	15	101	8	15	23	996
1996	89	15	104	9	15	24	986
1997	101	17	118	9	15	24	980

Shetland Tweed

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

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 Craft Officer in 1997.

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

Basketmakers	traditional Shetland kishies straw baskets
Ceramics	pottery 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

Shetland Islands Tourism Membership

	1981	1986	1991	1995	1996	1997
Hotels	16	16	16	12	11	12
Guest House/B&B	64	62	87	85	69	64
Self Catering	36	47	72	60	61	78
Hostels	4	5	5	3	4	4
Business & Trade	120	94	153	115	103	94
Camp Site	0	5	4	4	4	4
Caravans	0	0	3	0	0	0
Camping Böds	0	0	0	6	6	6
Total	240	229	340	285	258	262

Shetland Islands Tourism Bed Spaces Capacity

Type of Accommodation	1976	1981	1986	1991	1995	1996	1997
Hotels Lerwick	149	231	272	294	300	296	304
Hotels Country	292	342	310	301	278	295	317
Guest Houses Lerwick			29	31	72	75	90
Guest Houses Country			124	97	97	95	88
Bed & Breakfast Lerwick	206	103	71	93	92	65	38
Bed & Breakfast Country	154	203	107	208	170	143	108
Self Catering Lerwick	169	271	285	23	44	38	42
Self Catering Country				515	379	383	318
Caravans Country	106	104	39	17	0	0	0
Hostels Lerwick			76	81	146	48	64
Hostels Country						99	32
Camp Sites Lerwick						28	88
Camp Sites Country						42	38
Böds	0	0	117	0	63	63	71
Total	1,152	1,335	1,600	1,796	1,717	1,677	1,651

Tourist Information Centre Enquiries and Bookings

	1981	1986	1991	1995	1996	1997
Postal Enquiries*	1,696	5,201	6,845	3,391	3,586	
Telephone Enquiries	n/a	966	2,115	3,079	3,291	5,152
Advance Bookings	101	220	252	284	383	571
Immediate Bookings	412	997	1,435	1,190	927	

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

Source: Shetland Islands Tourism

Employment

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

Source: Development Department, SIC

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	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

Origin of Visitors 1995

	%	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

Total Visitor Expenditure in Shetland (£ million)

1982	1986	1991	1995	1996	1997
3.6	6.9	10.0	10.9	11.3	12.8

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

Source: Development Department, SIC and Shetland Visitor Survey 1995

Visitors on P&O Package Holidays

Duration	1982	1986	1991	1995	1996	1997
7 Days	276	2,017	2,184	2,082	1,810	1,228
Midweek	1,085	1,866	2,164	632	764	810

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

1976	1981	1986	1991	1995	1996	1997
1,390	3,964	1,768	2,014	812	1,038	1,006

P&O Ferries Orkney and Shetland Mini-Cruise

1996	1997
2,215	2,128

Source: P&O Scottish Ferries Ltd

Cruise Liner Arrivals at Lerwick Harbour

1988	1991	1995	1996	1997
20	21	37	35	35

Cruise Liner Passengers

1981	1986	1991	1995	1996	1997
3,564	6,279	5,240	11,219	12,852	12,005

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-seven 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 625,000 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.

1994 – 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, it intended to enter into an agreement with Sullom Voe Terminal to handle the crude oil produced from the Schiehallion field west of Shetland. On 13th June the six billionth barrel of crude oil was produced at the terminal.

1998 – During April the terminal was awarded, for the fourth consecutive year, the Gold Award for Occupational Safety by the Royal Society for the Prevention of Accidents. On 24th April the 'Hellespont Grand' became the largest tanker to visit the terminal with a dead-weight of 421,680 metric tonnes, she was also the longest tanker to berth at the terminal, some 378 metres long and took the largest cargo from the terminal, 376,000 metric tonnes. In May the LPG ship 'Havrim', 37,300 cu.m., was the 1,000th LPG vessel to visit the terminal since operations commenced.

UK Port Traffic, Bulk Fuel & Crude Oil Handling Ports 1997

Port Traffic (foreign & domestic)	'000 Tonnes	%UK Traffic	Bulk Fuel (inc. oil & gas)	'000 Tonnes	% UK Traffic
London	55,692	10.0	Forth	38,633	13.7
Tees & Hartlepool	51,249	9.2	Tees & Hartlepool	34,897	12.3
Grimsby & Immingham	47,991	8.6	Milford Haven	34,134	12.1
Forth	43,102	7.7	Sullom Voe	32,034	11.3
Milford Haven	34,518	6.2	Grimsby & Immingham	27,305	9.7
Southampton	33,053	5.9	All above ports	167,003	59.0
Sullom Voe	32,082	5.7	All UK ports	282,896	100.0
Liverpool	30,841	5.5			
Felixstowe	28,881	5.2			
Dover	19,073	3.4			
Medway	13,803	2.5	Crude Oil	'000 Tonnes	%UK Traffic
Port Talbot	13,050	2.3	Sullom Voe	31,637	17.8
Belfast	12,344	2.2	Forth	30,472	17.1
Orkney	10,483	1.9	Tees & Hartlepool	26,213	14.7
All above ports	426,162	76.3	Milford Haven	18,135	10.2
All UK ports	558,530	100.0	Southampton	18,013	10.1
			All above ports	124,470	69.9
			All UK ports	178,101	100.0

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

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

	Brent Pipeline System (tonnes)	Ninian Pipeline System (tonnes)	Total (tonnes)	Brent Pipeline System (av. bpd)	Ninian Pipeline System (av. bpd)	Terminal (av. bpd)
1978	856,991	92,186	949,177	177,526	23,439	n/a
1979	10,367,579	8,555,865	18,923,444	212,472	174,425	386,897
1981	23,116,490	15,545,240	38,661,730	478,094	317,083	795,177
1986	38,692,099	16,875,047	55,567,146	800,134	346,513	1,146,647
1991	20,263,701	15,576,512	35,840,213	419,864	322,592	742,455
1995	23,081,050	14,335,577	37,416,627	477,747	296,747	774,494
1996	23,332,990	14,368,498	37,701,488	483,404	297,684	781,088
1997	19,610,580	12,236,944	31,847,524	406,420	253,611	660,032

Sullom Voe Terminal: Gas Throughput (tonnes)

	Brent Pipeline System		Ninian Pipeline System		Total Propane	Total Butane
	Propane	Butane	Propane	Butane		
1982	174,889	128,624	176,805	115,072	351,694	243,696
1986	476,742	375,641	346,478	254,621	823,220	630,262
1991	89,961	57,906	260,536	190,250	350,497	248,164
1995	134,768	73,989	229,639	174,893	364,407	248,882
1996	73,381	18,284	214,052	174,388	287,433	192,672
1997	52,777	7,280	187,964	150,064	240,741	157,344

Sullom Voe Harbour: total of tankers using port

	1979	1981	1986	1991	1995	1996	1997
Oil	270	432	654	423	360	395	321
Gas	0	0	112	45	34	32	36

Oilfields in Production

Name of Field	Date Field on stream	Operator	Production 1997 '000 barrels*
Brent	(B) 1976	Shell	48,454
Dunlin	(B) 1978	Shell	5,955
Heather	(N) 1978	DNO Heather	1,806
Ninian	(N) 1978	Oryx	17,638
Thistle	(B) 1978	Britoil	3,237
South Cormorant	(B) 1979	Shell	7,583
Murchison	(B) 1980	Oryx	6,115
North Cormorant	(B) 1982	Shell	11,012
North West Hutton	(B) 1983	Amoco	2,306
Magnus	(N) 1983	BP	23,595
Deveron	(B) 1984	Britoil	196
Hutton	(B) 1984	Oryx	5,825
Alwyn North	(B) 1987	Total	6,681
Eider	(B) 1988	Shell	4,884
Tern	(B) 1989	Shell	19,534
Osprey	(B) 1991	Shell/Esso	8,814
Lyell	(N) 1993	Oryx	2,072
Strathspey	(N) 1993	Texaco	10,775
Dunbar	(B) 1994	Total	18,538
Ellon	(B) 1994	Total	2,844
Columba D	(N) 1994	Ranger	2,534
Hudson	(B) 1994	Amerada Hess	11,710
Don South West	(B) 1994	Britoil	n/a
South Magnus	(N) 1996	BP	2,935
Columba B	(N) 1996	Ranger	1,330
Columba E	(N) 1998	Ranger	n/a

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

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

Source: BP Exploration Operating Co. Ltd.

Permanent Terminal Workforce

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

	1994	%local	1995	%local	1996	%local	1997	%local
SIC Marine Operations	103	76	97	74	98	77	106	94
Shetland Towage	94	100	89	100	73	100	72	100
BP	406	67	363	67	333	70	315	70
Sub-Contractors	259	70	218	80	195	79	714	61
Total Employees	862	73	767	76	699	77	1,207	69

Source: BP; Shetland Towage; SIC Marine Operations Department; SIC Employment Survey

Marine Service Base

Base	Area in Hectares (Acres)	Berths Operational
Shetland Base Services Ltd. (Green Head Base)	16.20 (40.00)	9

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

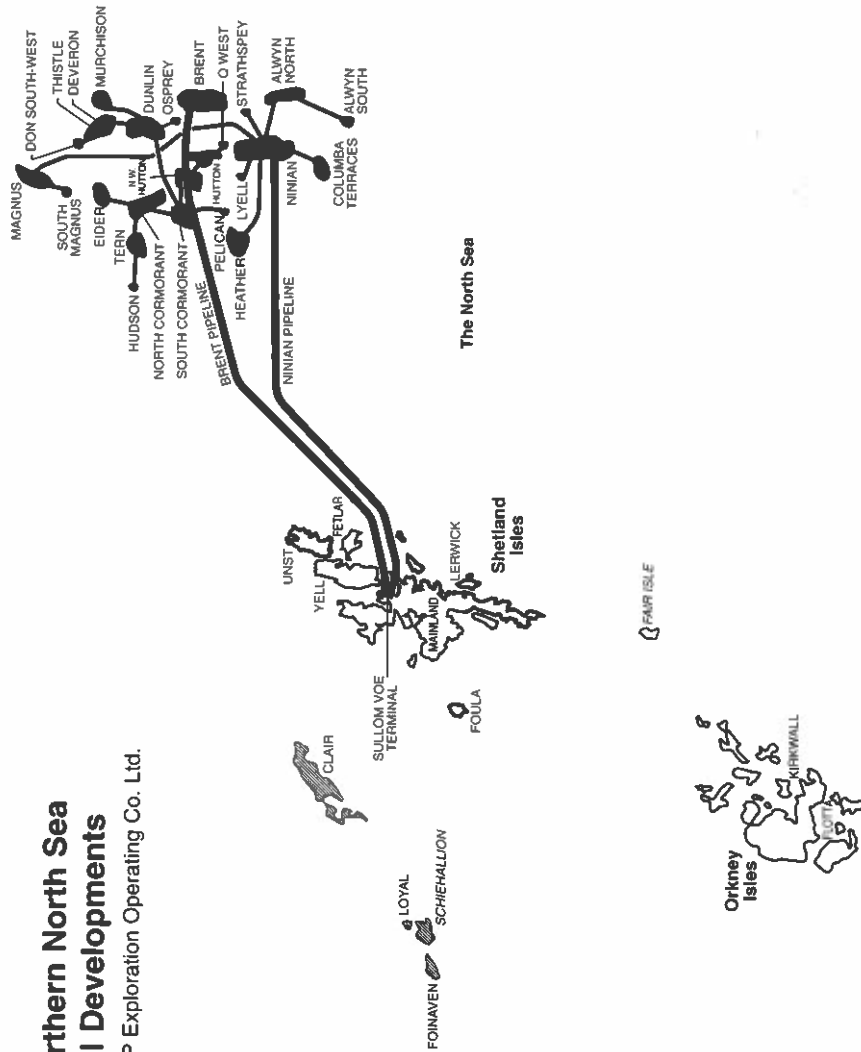
Marine Service Employment

	1972	1976	1981	1986	1991	1995	1996	1997
	21	185	391	318	229	224	224	211

Source: SIC Employment Survey

Northern North Sea Oil Developments

Source: BP Exploration Operating Co. Ltd.



Industrial Development

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)
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)
Marina Business Park, Lerwick	LHT	0.60 (1.48)
North Gremista, Lerwick	SIC	2.55 (6.30)
Ollaberry	SIC	1.13 (2.80)
Sandness	SIC	0.60 (1.48)
Scalloway	SIC/HIE	1.61 (3.98)
Sella Ness	SIC/HIE	8.87 (21.91)
Skeld	SIC	0.88 (2.17)
South Gremista, Lerwick	SIC/HIE	5.45 (13.47)
Staney Hill, Lerwick	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

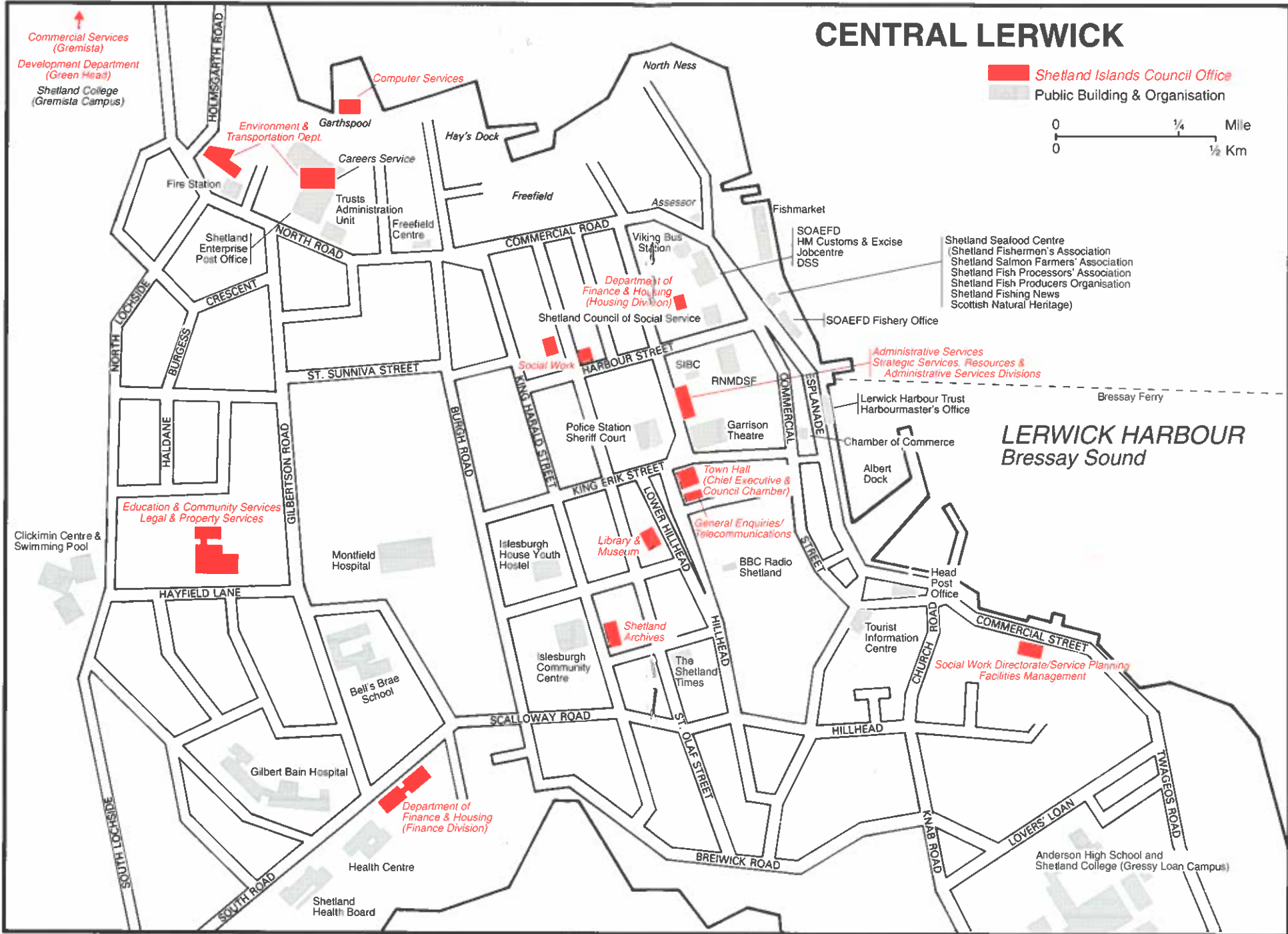
Cost of Living

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.

Indices	1981	1986	1991	1995	1996	1997
Shetland: Lerwick	112.1	107.7	103.8	105.1	105.5	96.8
Remote	119.5	112.2	111.6	110.5	114.6	107.0
Village A	115.3	114.2	108.1	107.2	111.3	108.1
Village B	120.0	113.7	110.0	110.6	115.6	115.1
Village C	119.6	112.7	110.1	110.1	113.4	112.3
Rural Average	112.1	106.4	102.1	102.3	107.4	106.8
Aberdeen	100.0	100.0	100.0	100.0	100.0	100.0
Edinburgh	n/a	100.9	104.5	103.5	102.6	100.7

Source: Rural Scotland Summer Price Survey, MacKay Consultants.

CENTRAL LERWICK



Internal Transport

Internal Air and Sea Transport Infrastructure

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

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

Air services operate similarly, except where stated.

All internal air services are operated by Loganair Ltd.

Inter Island Ferries

Shetland Islands Council Ferry Traffic

Passengers

Ferry Route	1976	1981	1986	1991	1995 *	1996	1997
Yell	62,626	109,755	96,364	113,897	219,281	193,186	204,388
Unst/Fetlar	33,460	44,570	40,605	65,608	111,324	112,852	124,545
Bressay	71,615	92,454	96,849	135,447	196,012	219,619	208,470
Whalsay	23,110	42,631	45,888	67,385	117,218	144,606	148,157

Vehicles

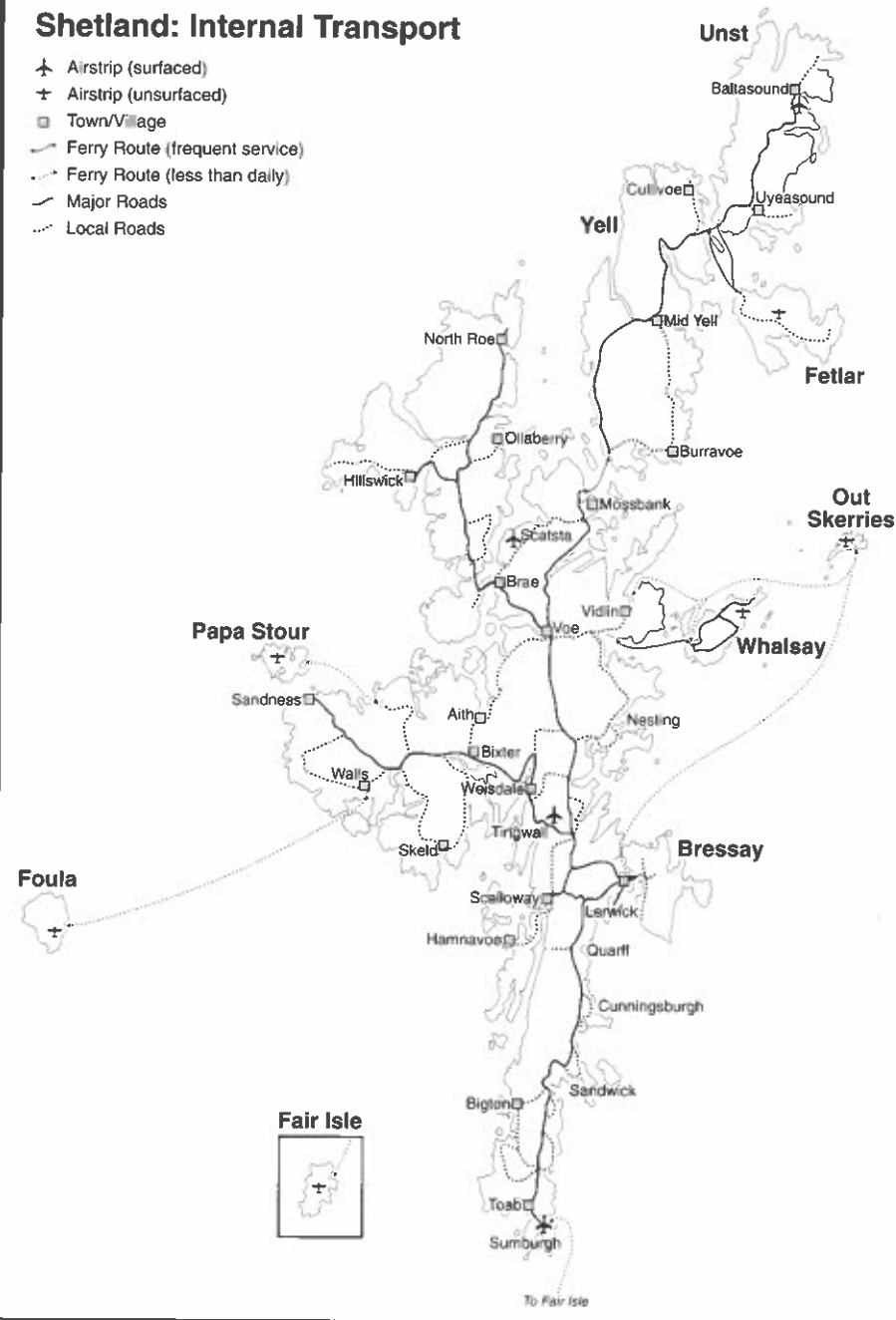
Ferry Route	1976	1981	1986	1991	1995 *	1996	1997
Yell	33,333	50,310	65,264	89,041	107,729	97,180	101,505
Unst/Fetlar	16,920	22,897	28,202	51,816	51,233	52,034	58,095
Bressay	14,817	23,414	31,958	50,272	60,340	66,612	63,215
Whalsay	10,117	19,330	31,660	48,911	49,329	64,212	63,685

Source: Marine Operations Department, SIC

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

Shetland: Internal Transport

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



Overland Transport

Bus Services

Route	Operator	
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/Aith)	Whites Coaches
	Scalloway/Burra	Shalder Coaches
	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

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: Environment & Transportation Department, SIC

Vehicle Ownership

Vehicles licensed in Shetland on 31st December

Type	1971	1976	1981	1986	1991	1995	1996	1997
Private Cars & Light Goods	3,600	5,076	7,048	7,808	8,933	9,949	10,031	10,111
Goods Vehicles (inc. Agri.)	440	640	801	376	310	244	231	223
Public Transport Vehicles	138	171	164	187	121	89	88	90
Motor Cycles	350	397	545	379	287	250	251	236
Miscellaneous	652	826	831	966	967	919	889	916
Total	5,180	7,110	9,389	9,716	10,618	11,451	11,490	11,576

1971 figures: Local Taxation Office

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

External Ferries

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

	Passenger Journeys	Accompanied Car Journeys
1971	22,693	n/a
1981	52,531	8,398
1986	63,323	9,788
1991	80,346	11,350
1994	62,240	11,179
1995	60,669	11,073
1996	62,561	11,734
1997		
January	1,966	439
February	1,525	321
March	2,594	577
April	4,603	784
May	6,430	902
June	9,025	1,352
July	12,422	2,049
August	11,135	1,769
September	6,670	1,045
October	4,557	1,016
November	1,829	486
December	2,388	533
Total	65,144	11,273

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

Freight on P&O Ferries Services Aberdeen – Lerwick

	1981	1986	1991	1995	1996	1997
Commercial Vehicles	24,327	14,368	10,899	10,904	12,038	9,657
Commercial Trailers	26,959	25,745	56,255	53,853	64,244	71,292
Unaccompanied Cars	3,941	4,512	5,383	7,212	6,213	5,505

(Figures expressed in running metres)

P&O Ferries Lerwick-Bergen Services

	1993	1994	1995	1996	1997
Passengers*	3,355	3,463	3,050	3,529	3,954
Vehicles*	435	520	572	656	719

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

Source: P&O Scottish Ferries

Lerwick Harbour

Shipping in Lerwick Harbour

	1971	1976	1981	1986	1991	1995	1996	1997
General	316	470	418	625	738	668	662	694
Oil Tankers	51	99	140	105	114	166	127	106
Oil Rig Tenders	79	1,679	1,556	1,033	888	920	737	715
Other Vessels	489	769	430	689	522	919	611	576
Yachts*	—	—	112	203	366	466	317	403
British Fishing**	1,440	893	677	1,762	1,606	2,040	1,099	1,079
Foreign Fishing	1,580	1,357	246	509	216	170	127	99
Total	3,955	5,267	3,579	4,723	4,450	5,349	3,680	3,672

* Sub group of Other Vessels in 1971 & 1976

** Excludes local fishing fleet

Tonnage Handled in Lerwick Harbour

	1971	1981	1991	1995	1996	1997
General Cargo Imports	45,760	200,077	226,715	302,408	317,580	330,867
General Cargo Exports	48,849	57,471	98,335	248,194	240,646	256,444
Oil Related Imports	342	288,999	238,684	225,728	177,522	138,676
Oil Related Exports	0	421,807	315,996	337,358	244,917	174,876
Total	94,951	968,354	879,730	1,113,689	980,665	900,863

Weight of containers excluded

Foreign Fishing Vessels in Lerwick Harbour

	1971	1976	1981	1986	1991	1995	1996	1997
Angola	0	0	0	0	0	0	2	0
Belgium	0	0	0	0	0	0	1	0
Bulgaria	0	0	0	3	6	0	0	0
Canada	0	0	0	0	0	0	0	1
Denmark	374	416	117	82	66	46	46	36
Faroe	242	203	14	3	19	4	6	1
Finland	6	7	0	0	0	0	0	0
France	16	11	13	13	18	9	4	9
Germany	3	4	1	5	22	6	10	6
Germany (East)	0	0	0	9				
Greenland	0	0	0	0	0	2	0	0
Iceland	215	86	2	9	0	4	0	0
Ireland	0	0	0	18	20	22	12	12
Netherlands	12	13	0	16	7	2	3	2
Norway	551	524	96	306	50	65	43	30
Panama	0	0	0	0	0	2	0	0
Poland	1	37	2	0	0	0	0	0
Portugal	0	0	0	1	0	0	0	0
Sierra Leone	0	0	0	0	0	1	0	1
Spain	0	0	0	0	0	0	0	1
Sweden	100	43	1	5	7	7	0	0
C.I.S. (formerly USSR)	60	13	0	39	1	0	0	0
Total	1,560	1,357	246	509	216	170	127	99

Lerwick Harbour Trust Revenue

1971	1981	1991	1995	1996	1997
£49,000	£2,100,000	£4,576,082	£6,003,938	£4,661,595	£4,661,524

Fish Factory Ships and Related Vessels (Lerwick Harbour)

1983	1986	1991	1994	1995	1996	1997
41	219	230	692	501	249	204

Source: Lerwick Harbour Trust

Scalloway Harbour

Shipping in Scalloway Harbour

	1986	1991	1995	1996	1997
UK Commercial	11	0	111	29	28
Foreign Commercial	100	103	72	147	181
Oil-related	5	1	0	8	28
UK Fishing	163	207	158	127	104
Foreign Fishing	17	28	12	19	19
Yachts	9	33	19	9	11
Other	0	0	63	42	77
Total	305	372	365	381	448

Cargo Handling (tonnes)

	1986	1991	1995	1996	1997
Imports	5,037	6,351	15,250	11,533	16,176
Exports	16,120	893	14,821	14,087	33,011

Scalloway Harbour Revenue (£)

1986/87	1991/92	1995/96	1996/97	1997/98
160,838	202,598	255,586	359,773	330,747

Source: Marine Operations Department, SIC

Air Services

Total aircraft traffic at Sumburgh, Scatsta, Unst and Tingwall

	1978	1981	1986	1991	1995	1996	1997
Aircraft Movements	57,343	52,863	29,457	39,863	38,378	34,122	26,007
Passengers	757,470	784,545	367,053	588,625	599,147	524,476	470,609

Employment

	1978	1981	1986	1991	1995	1996	1997
Sumburgh	529	650	206	296	265	235	216
Tingwall	n/a	12	10	8	7	6	5
Scatsta	n/a	42	10	11	15	58	59
Unst	n/a	68	66	42	66	10	10
Total	529	772	292	357	353	309	290

Source: Development Department, SIC

Sumburgh Airport Traffic: Passengers

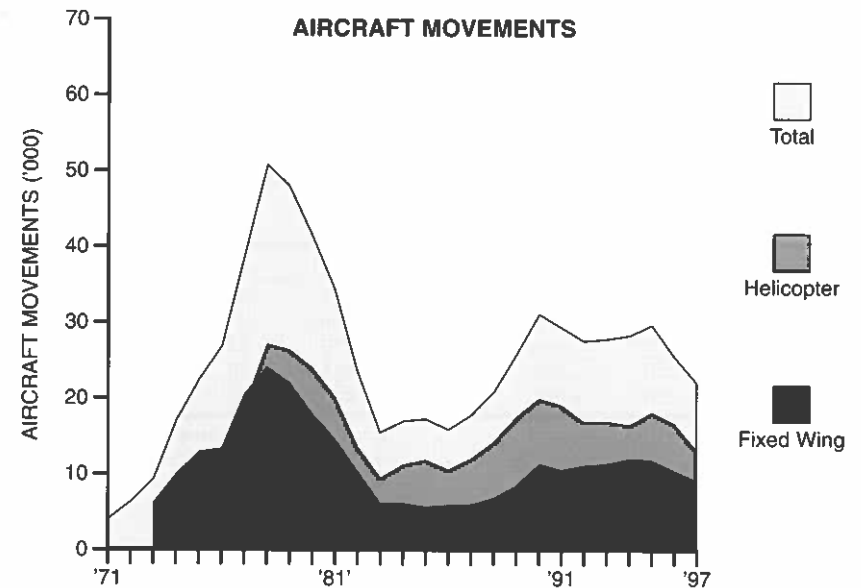
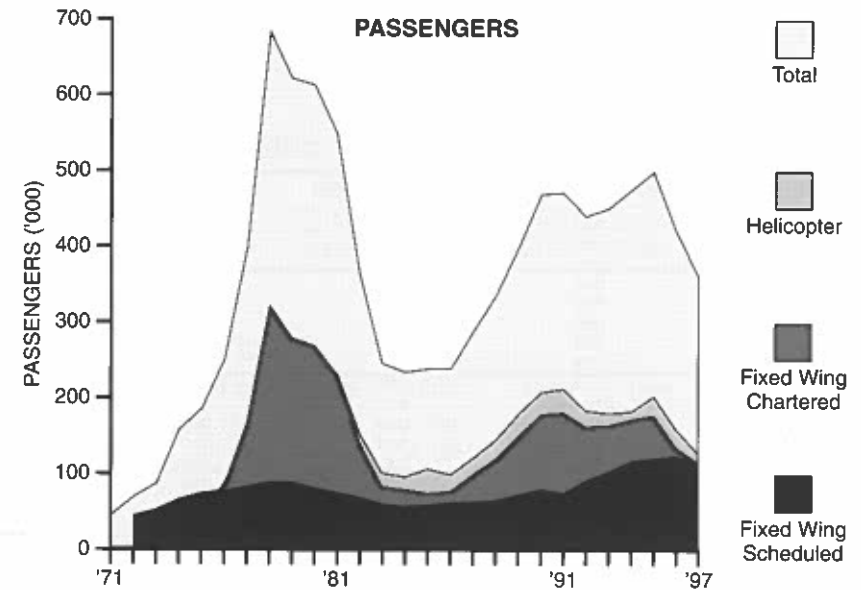
	Total Passengers	Fixed Wing Scheduled Passengers	Charter Passengers & Others	Helicopter Passengers
1971	46,994	n/a	n/a	n/a
1976	250,778	78,654	84,111	88,013
1978	685,492	90,601	323,151	271,740
1981	541,761	76,853	232,389	232,519
1986	239,744	63,200	77,805	98,739
1991	473,626	76,841	182,377	214,408
1995	505,608	122,236	178,498	204,874
1996	423,476	125,744	137,384	160,348
1997	361,478	116,505	116,727	128,244

Sumburgh Airport Traffic: Aircraft Movements & Freight

	Total	Fixed Wing	Helicopter	Freight (kgs)
1971	3,895	n/a	n/a	440,000
1976	25,694	13,030	12,664	1,574,338
1978	50,666	23,843	26,823	1,950,287
1981	34,188	14,361	19,827	3,487,834
1986	15,968	5,621	10,347	1,409,284
1991	29,168	10,321	18,847	1,448,769
1995	29,496	11,586	17,910	1,692,907
1996	25,350	10,202	15,148	1,611,102
1997	21,813	8,943	12,870	929,024

Source: Highlands and Islands Airports Ltd.

Sumburgh Airport



UK Airport Passengers

	1991 Terminal passengers ('000)	1995 Terminal passengers ('000)	1996 Terminal passengers ('000)	1997 Terminal passengers ('000)
H Heathrow	40,245	54,132	55,732	58,185
G Gatwick	18,690	22,283	24,102	26,959
M Manchester	10,102	14,533	14,485	15,948
G Glasgow	4,154	5,423	5,472	6,117
B Birmingham	3,246	5,193	5,353	6,025
S Stansted	1,685	3,890	4,810	5,427
E Edinburgh	2,340	3,275	3,810	4,215
L Luton	1,958	1,810	2,411	3,238
N Newcastle	1,527	2,486	2,433	2,643
A Aberdeen	2,020	2,243	2,377	2,573
B Belfast International	2,168	2,346	2,351	2,477
E East Midlands	1,145	1,879	1,822	1,886
J Jersey	1,666	1,651	1,691	1,737
B Bristol	783	1,431	1,394	1,615
B Belfast City	537	1,280	1,361	1,287
L Leeds Bradford	638	925	1,053	1,255
L London City	172	554	726	1,161
C Cardiff Wales	513	1,038	1,010	1,155
G Guernsey	784	833	891	930
I Isle of Man	473	533	605	693
L Liverpool	457	503	620	690
S Southampton	428	511	551	632
P Prestwick	35	313	522	581
T Teesside	300	428	444	578
I Inverness	199	272	285	402
S Sumburgh	433	478	401	361
H Humberside	108	281	279	335
N Norwich	175	253	258	272
B Bournemouth	125	99	162	269
E Exeter	164	181	205	228
P Plymouth	85	86	98	131
I Isles of Scilly (St. Marys)	102	119	125	128
P Penzance Heliport	97	90	106	109
S Scatsta	15	15	79	102
K Kirkwall	102	92	92	97
S Stornoway	80	96	94	97
B Blackpool	120	75	85	84
A Alderney	83	85	84	81
L Londonderry	37	64	64	56
W Wick	31	30	28	41
B Benbecula	31	39	38	37
I Isles of Scilly (Tresco)	21	22	26	30
I Islay	20	19	19	21
C Cambridge	26	33	29	20
D Dundee	9	14	13	18
C Campbeltown	—	—	7	11
B Barra	—	8	8	9
S Southend	21	4	6	9
B Biggin Hill	—	5	6	7
T Tiree	5	5	5	5
B Battersea Heliport	4	4	5	5
H Hawarden	1	—	—	4
L Lerwick (Tingwall)	11	4	4	4
K Kent International	4	3	2	3
S Shoreham	1	2	3	3
L Lydd	30	—	—	3
U Unst	85	75	18	3
G Gloucestershire	4	3	2	2
C Coventry	6	4	3	2
C Carlisle	1	2	1	1
Total: All UK airports	98,303	129,586	138,664	149,166

Source: Civil Aviation Authority

Scatsta Airport Traffic

	1978	1981	1986	1991	1995	1996	1997
Passengers	42,601	109,063	13,157	14,495	14,623	78,807	102,344
Aircraft Movements	1,786	5,758	2,232	630	954	4,461	4,638

Tingwall Airport Traffic

	1978	1981	1986	1991	1995	1996	1997
Passengers	3,666	12,180	13,368	15,453	4,411	4,382	4,248
Aircraft Movements	1,442	2,815	3,333	2,917	2,656	2,582	2,485

Unst Airport Traffic

	1978	1981	1986	1991	1995	1996	1997
Passengers	25,711	120,564	97,138	85,051	74,505	17,848	2,512
Aircraft Movements	2,691	10,040	8,592	7,148	5,272	1,786	890

Source: Civil Aviation Authority

Small Airfield Traffic

Passengers

Airfield	1978	1981	1986	1991	1995	1996	1997
Fair Isle	1,021	841	1,822	2,048	1,865	1,910	1,927
Fetlar	76	57	60	n/a	n/a	n/a	n/a
Foula	n/a	1,175	1,100	n/a	n/a	1,344	1,056
Skerries	150	271	624	900	n/a	545	721
Whalsay	n/a	80	100	360	n/a	n/a	n/a

Aircraft Movements

Airfield	1978	1981	1986	1991	1995	1996	1997
Fair Isle	300	238	480	610	686	632	614
Fetlar	72	52	40	n/a	n/a	n/a	n/a
Foula	114	310	304	466	572	687	490
Skerries	68	138	302	400	n/a	408	485
Whalsay	116	78	70	200	n/a	n/a	n/a

Source: Various local personnel
Some figures are estimates

Education and Training

Staffing

	1971	1976	1981	1986	1991	1995	1996	1997	1998
Nursery Teachers	—	—	—	—	—	10	11	10	11
Primary Teachers	91	117	164	150	140	171	177	179	184
Secondary Teachers	88	124	142	162	189	200	198	201	199
Further Education Lecturers	2	4	9	13	18	33	47	47	48
Total	181	245	315	325	347	414	433	437	442

From 1996 FE Lecturers include North Atlantic Fisheries College lecturers

Further Education

Students Enrolled on Shetland College Courses

	1971	76/77	81/82	86/87	91/92	95/96	96/97	97/98
Full Time	20	34	68	113	77	131	141	149
Part Time	20	22	54	62	36	1,096	1,627	1,360
Evening Class	557	815	1,171	1,387	1,336	1,033	1,072	1,032
YT / Skill Seekers	—	—	—	43	101	45	42	40
Total	597	869	1,293	1,605	1,550	2,305	2,882	2,581

Source: Shetland College of Further Education

Students Enrolled on North Atlantic Fisheries College Courses

	1992	1993	1994	1995	1996	1997
Business Courses	0	19	19	49	21	7
Aquaculture Courses	9	24	13	26	25	36
Fisheries Science	0	0	0	0	10	20
Marine Engineering	25	24	50	73	68	91
Maritime Studies	79	180	264	257	381	365
Processing Courses	0	0	46	53	24	11
Courses run by Third Parties	131	321	267	227	243	391
Total	244	568	659	685	772	921

Source: North Atlantic Fisheries College

Secondary Education

School Roll (January)	1971	1976	1981	1986	1991	1995	1996	1997	1998
Anderson High	571	770	915	933	878	971	855	816	786
Baltasound Junior High	36	58	75	47	33	50	55	46	39
Mid Yell Junior High	43	58	48	56	44	51	55	53	51
Brae High	47	68	164	263	211	258	242	241	261
Symbister House Junior High	36	54	62	49	45	55	50	51	50
Aith Junior High	35	65	61	61	61	73	70	65	85
Scalloway Junior High	72	129	132	144	179	156	153	150	152
Sandwick Junior High	55	87	121	130	144	151	166	146	143
Skerries School	2	6	5	7	2	3	2	3	4
Total	897	1,295	1,583	1,690	1,597	1,768	1,648	1,571	1,571

Education and Training

Primary Education

School Roll (January)	1971	1976	1981	1986	1991	1995	1996	1997	1998
Baltasound Junior High	103	100	106	71	85	71	72	74	89
Mid Yell Junior High	56	76	65	53	48	54	47	45	48
Brae High	44	68	171	170	139	146	152	139	128
Symbister House Junior High	125	149	146	121	125	111	110	109	107
Aith Junior High	67	63	52	77	61	56	58	65	89
Scalloway Junior High	120	136	150	138	117	98	96	94	100
Sandwick Junior High	44	81	96	65	69	96	86	90	101
Haroldswick Primary	38	33	21	30	25	26	14	11	—
Uyeasound Primary	21	27	16	8	9	12	21	24	24
Cullivoe Primary	21	23	24	24	18	12	15	12	11
Burravoe Primary	38	31	36	29	32	28	26	21	22
Fetlar Primary	14	6	15	9	7	13	13	12	10
North Roe Primary	17	16	23	17	20	19	22	20	16
Ollaberry Primary	18	12	16	29	36	31	27	27	27
Urafirth Primary	26	29	37	33	29	27	28	32	29
Firth Primary	16	—	—	—	—	—	—	—	—
Mossbank Primary	—	—	136	117	70	77	85	97	92
Olnafirth Primary	19	30	46	44	31	37	29	31	27
Lunnasting Primary	20	22	38	26	21	26	26	25	24
South Nesting Primary	16	14	26	21	11	15	14	20	21
Skerries Primary	16	12	11	8	9	8	8	9	7
Sandness Primary	6	7	15	21	13	16	17	17	16
Foula Primary	4	4	7	7	4	7	5	1	1
Papa Stour Primary	—	—	5	3	4	1	0	7	5
Happyhansel Primary	43	40	48	55	57	48	58	57	54
Gruting Primary	12	11	9	—	—	—	—	—	—
Skeld Primary	13	26	36	19	14	22	24	24	22
Whiteness Primary	31	56	87	68	85	95	100	100	94
Burra Primary	16	—	—	—	—	—	—	—	—
Hamnavoe Primary	64	65	107	110	96	85	78	76	71
Gott Primary	41	43	52	50	50	42	39	40	53
Cunningsburgh Primary	56	74	57	59	50	62	60	66	68
Dunrossness Primary	123	152	209	149	146	148	155	157	168
Fair Isle Primary	3	9	11	8	8	4	5	6	7
Quarf Primary	17	19	23	21	15	13	10	9	9
Bressay Primary	24	38	20	21	28	28	40	37	40
Bell's Brae Primary	722	790	501	416	357	358	383	375	385
Sound Primary	—	—	292	400	354	336	338	349	368
Total	2,014	2,262	2,710	2,505	2,243	2,228	2,261	2,278	2,307

Nursery Education

School Roll (January)	1981	1991	1995	1996	1997	1998
Aith Junior High	0	0	14	14	14	15
Bell's Brae	0	64	80	75	78	69
Brae High	51	60	37	40	33	32
Dunrossness	0	33	26	31	34	27
Happyhansel	0	0	15	17	20	20
Mossbank	0	23	25	29	27	28
Sandwick Junior High	0	38	23	30	30	30
Sound	60	60	54	58	60	58
Symbister House Junior High	0	0	16	19	29	24
Urafirth	0	0	12	10	6	13
Total	111	278	302	323	331	316

Source: Department of Education & Community Services, SIC

Social Care Provision

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

	1995/96	1996/97	1997/98
Local Authority Beds for Elderly People	70	53	73
Voluntary Sector Beds for Elderly People*	66	66	66
Day Care places for Elderly People**	56	58	62
Beds in Hostel for Adults with Learning Disabilities	15	16	8
Beds in Children's Homes	5	5	5
Beds for Mentally/Physically Disabled Children - Respite Care	6	6	6
Laundries	6	4	4
Meals on Wheels Schemes	27	27	27
Luncheon Clubs	3	3	3
Meals Delivered	41,856	41,292	39,771
Home Helps	248	246	297
Home Help Clients	547	538	506
Community Care Support Workers***	70	134	130
Community Care Support Clients***	35	52	38
Homes Connected to Community Alarm System	570	614	630

* 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 the Finance & Housing Department's Housing Division 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.

Health

Health services in Shetland are provided by Shetland Health Board, which in 1997/98 received a grant of £25,100,000 from the Scottish Office. 1998/99's allocation is £25,000,000. The Board maintains close links with Grampian Health Board for the provision of specialist services not available in Shetland.

Health Board Expenditure (£ per head of population)

	1986/87	1991/92	1994/95	1995/96	1996/97
Shetland	312	675	889	909	862
Scottish average	392	695	760	793	813

Staffing

	1986	1991	1995	1996	1997
Hospital - medical & dental	12	15	20	14	15
Hospital nursing staff	152	206	201	193	190
Scientific & professional, PAMS & technical	37	37	50	52	53
Administration & clerical	43	59	70	72	77
Works, trades & ancillary	102	110	11	10	10
General medical practitioners	20	20	24	24	24
Other nursing staff	42	45	51	47	48
Dental practitioners	4	7	9	8	7

Hospital Activity

Discharges/Attendances	1986/87	1991/92	1994/95	1995/96	1996/97
In Patients (all specialities)	2,015	2,105	2,526	2,509	2,411
Day cases	801	974	1,067	1,092	1,119
Accident & Emergency out patients	2,817	7,212	7,937	7,774	7,608
Total out patients (incl. A&E)	10,630	18,459	20,571	19,759	19,768

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

Housing

Ownership of dwellinghouses in Shetland

Type of Dwellings	1976	1981	1991	1995	1996	1997	1998
Local Authority & Housing Associations	2,082	2,713	2,566	2,547	2,455	2,409	2,359
Private & others	5,205	5,899	6,590	6,883	7,110	7,282	7,429
Total	7,287	8,612	9,156	9,430	9,565	9,691	9,788

Source: Assessor & Electoral Registration Office, Lerwick

Leisure Facilities

Leisure Centres — Usage to end of March each year

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97
Clickimin	150,919	160,411	165,716	166,788	171,274	171,656	191,054
Unst	53,333	52,541	48,300	49,063	51,088	49,596	49,127
Yell	38,411	38,649	37,569	37,376	41,740	35,103	37,356
Whalsay	69,147	58,820	55,935	54,524	55,026	47,950	49,679

Swimming Pools

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97
Lerwick	133,107	133,249	134,376	136,571	124,683	161,645	177,129
North Mainland	46,794	43,551	39,089	38,702	36,097	34,767	28,369
Unst*	12,469	11,789	10,447	10,097	10,813	10,458	9,438
Yell*	6,635	8,393	7,300	7,779	7,986	6,442	6,875
Whalsay*	25,697	20,928	20,215	18,835	16,695	14,558	14,842
South Mainland	—	—	—	44,871	38,283	33,679	32,925
Scalloway	—	—	—	44,346	38,056	32,111	33,850

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	Gulberwick Hall
Sellafirth Hall — Yell		Quarff Hall
North-a-Voe Hall — Yell	North Mainland	Cunningsburgh Hall
Herra Hall — Yell	North Roe and Lochend Hall	Sandwick (Carnegie) Hall
Mid Yell Hall	North Roe and Lochend	Sandwick Youth and
West Sandwick Hall — Yell	Central Hall	Community Centre
North Ness Hall — Yell	Eshaness 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
West Mainland	Sullom and Gunnister Hall	
Sandness Hall	Brae Hall	Lerwick
Aith Hall	Muckle Roe Hall	North Stoney Hill Hall
Bixter Hall	Lunnasting Hall	Lerwick Town Hall
Walls Hall	Olafirth Hall — Voe	Islesburgh Youth and
Germatwatt Youth Centre	Symbister Hall — Whalsay	Community Centre
Gruting Community Centre	Isbister Hall — Whalsay	Sound Hall
Skeld Hall	Livister Youth Centre —	Bressay Hall
Whiteness and Weisdale Hall	Whalsay	Sandveien Neighbourhood
Tingwall Hall	Skerries Hall	Centre
		St. Clement's Hall

Crime

The Shetland Area Command of the Northern Constabulary is run by the Northern Joint Police Committee, administered by Highland Council. In 1997/98, the requisition from Shetland Islands Council was £1,237,095, and in 1998/99 will be £1,331,741.

Police Stations 1997

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 Establishment

1971	1981	1986	1991	1995	1996	1997
21	45	36	36	37	37	38

Crimes and Offences reported to the Police

	1981	1986	1991	1995	1996	1997
Group 1	24	24	21	27	14	15
Group 2	12	2	3	8	8	12
Group 3	352	345	279	414	347	417
Group 4	126	133	199	181	235	262
Group 5	83	71	53	156	151	118
Group 6	422	286	322	398	471	374
Group 7	874	926	1,278	676	524	992
Total	1,893	1,787	2,155	1,860	1,750	2,190

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 1997 the Northern Constabulary Shetland Command Area achieved a crime detection rate of 88.1% compared with 89.7% in 1996.

The detection rate in respect of crimes as detailed in groups 1-5 above was 68.9% in 1997.

Coastguard Services

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

Incidents Co-ordinated by Shetland Coastguard

1984	1986	1991	1995	1996	1997
64	62	104	207	123	156

1997 Statistics

Persons assisted	257	To Vessels:	
Persons rescued	74	Strandings (grounding)	3
Lives lost	6	Taking Water	2
		Capsized	1
		Sail, gear, mast failure	4
To Persons:		Machinery failure	21
Medico/Medevac	65	Vessels overdue	6
Man overboard	4	Adverse weather conditions	1
		Fire	1
		Sunk	3
		Fouled propeller	8
		Uncertain position	2

Sumburgh Coastguard Helicopter Missions

1983	1984	1988	1991	1995	1996	1997
1	40	64	58	122	76	103

1997 Helicopter Missions

Medevacs	40
Vessels sinking	10
Vessels aground or adrift	10
Vessels afire or missing	10
Man overboard	9
Assistance to offshore installations	8
Missing persons	1
Searches (including emergency transmissions)	8
Other	7

1997 Search & Rescue Units Callouts

Coastguard Rescue Helicopter	48
Coastguard Sector Officers	31
Coastguard Auxiliaries	106
Lerwick Lifeboat	24
Aith Lifeboat	12

Fire Service

The Fire Service in Shetland is run by the Highland and Islands Fire Brigade, administered by Highland Council. In 1997/98, the requisition from Shetland Islands Council was £782,516, and in 1998/99 will be £805,991.

Fire Units in Shetland 1997

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	

Fires Attended

	1981	1986	1991	1995	1996	1997
Chimney fire	24	64	66	44	50	48
Special Services (pumping out boats, properties, road traffic accidents)	17	9	40	33	19	21
Property and small fires	54	42	54	61	45	39
False alarms, good intent	6	26	42	63	84	79
False alarms, malicious	2	4	3	9	22	9
Total	103	145	205	210	220	196

Source: Highland and Islands Fire Brigade

Postal Services

Post Office Employees

	1991		1995		1998	
	Royal Mail Delivery	PO Counters Ltd	Royal Mail Delivery	PO Counters Ltd	Royal Mail Delivery	PO Counters Ltd
Full Time Staff	41	7	41	6	41	6
Part Time Staff	26	1	26	3	27	3
Sub Postmasters	-	29 (FT)	-	21 (FT)	-	19 (FT)
	-	23 (PT)	-	29 (PT)	-	25 (PT)
Ancillary Staff	8	0	5	0	4	0
Total	75	60	72	59	72	53

Source: Royal Mail (Lerwick)

Letters Posted Weekly

1972	1977	1981	1986	1991	1995	1996	1997
49,866	52,602	69,400	56,000	67,317	64,348	60,660	61,020

Source: Royal Mail (Lerwick)

Television Licences

1972	1976	1981	1986	1991	1995	1996	1997	1998
4,574	5,463	6,647	6,480	7,013	7,843	7,965	7,971	8,146

Source: TV Licensing

Energy

Electricity Consumption Categories (megawatts)

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

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

Electricity Generation

	1971/72	1981/82	1991/92	1995/96	1996/97	1997/98
Units Generated (kilowatt hours)	32,319,000	143,539,222	170,023,850	201,204,060	203,300,000	201,604,060
Maximum demand (megawatts)	11.69	36.0	41.2	39.9	40.2	45.0

Hydro-Electric Distribution (kilometres)

	1971	1981	1991	1995	1996	1997
33,000 Volt overhead lines	24.7	98.0	128.3	133.0	133.0	133.0
33,000 Volt underground cables	0.0	3.7	11.6	11.6	11.6	11.6
11,000 Volt overhead lines	705.9	756.2	843.0	874.5	879.0	884.0
11,000 Volt underground cables	15.1	65.5	99.3	111.0	111.0	116.0
Low Voltage overhead lines	340.1	345.6	324.5	302.0	294.0	286.0
Low Voltage underground cables	18.9	65.6	122.7	151.0	163.0	171.0

Figures from 1991 onwards are approximations only

Source: Hydro-Electric

Water and Wastewater Services

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

Water Supplied (millions of litres)

1976	1981	1986	1991	1995	1996	1997
2,627	4,964	4,607	4,691	4,041	3,990	3,767

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

Microbiological Quality (percentage compliance)

	1991	1995	1996	1997
	97.20	98.98	99.18	99.88

1997 Statistics

Water connections:	Domestic	9,386
	Non-domestic	1,085
Sewer connections:	Domestic	6,622
	Non-domestic	701
Length of water mains (km)		998
Length of sewers (km)		362
Wastewater Treatment Plants (inc. septic tanks)		59

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

	1981	1997
Water Treatment Works (excluding rechlorination stations)	28	18

Source: North of Scotland Water Authority

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 is sub-divided into categories. Category A buildings are of national and international importance whilst those in Category C(s) are of more local interest, of lesser importance or altered.

	Cat. A	Cat. B	Cat. C(s)	Total	Date List Published
Bressay	1	10	3	14	26/03/97
Delting	0	10	4	14	26/03/97
Dunrossness	4	18	8	30	26/03/97
Fetlar	0	3	3	6	30/03/98
Lerwick	3	57	47	107	12/08/96
Lerwick Landward	0	1	1	2	26/03/97
Nesting	0	14	8	22	30/03/98
Northmavine	0	10	8	18	26/03/97
Sandsting & Aithsting	2	7	6	15	26/03/97
Tingwall	1	5	15	21	1970s
Unst	3	10	12	25	30/03/98
Walls & Sandness	0	13	10	23	30/03/98
Yell	2	10	18	30	30/03/98
Totals	16	168	143	327	

Conservation Areas

Conservation Areas are areas of architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. The designation recognises the value of groups of buildings and their settings and allows them to be treated as a whole. The Council, as Planning Authority, has designated three Conservation Areas in Shetland: Lerwick Lanes Outstanding Conservation Area (designated in 1975 and classified by the Secretary of State); Lerwick New Town Conservation Area (1986); and Scalloway Conservation Area.

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 only Scottish category not represented in Shetland is for Roman monuments but, as can be seen, the majority of scheduled ancient monuments are of prehistoric origin.

Ancient Monuments

There were 363 scheduled ancient monuments as at 31st March 1998 in the following categories:

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

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 by Shetland Amenity Trust. It is used to provide a regular information service to developers, researchers, for school projects and the general enquirer. The record is maintained by the Shetland Archaeologist and an 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 Jarlishof 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 demonstrates 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.

Nature Conservation

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

Statutory Conservation Sites in Shetland

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

76 Sites of Special Scientific Interest (SSSI)

6 Freshwater	390.1 ha.	2 General Island Interest	839.2 ha.
7 Seabird Colonies	3,266.2 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.	28 Geological	715.2 ha.
3 Moorland Breeding Birds	1,546.1 ha.	4 Geomorphological	235.2 ha.
1 Maritime Heath	34.2 ha.	3 Endemic Plant Species	3.1 ha.

10 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 16,453 hectares which represents 11.2 per cent of the total area of Shetland.

Approximate area coverage:







Foula — 2 sites	100%	Noss — 1 site	100%
Fetlar — 6 sites	72%	Mainland & uninhabited islands — 43 sites	8%
Fair Isle — 1 site	72%	Yell — 6 sites	1%
Papa Stour — 1 site	68%	Muckle Roe — 1 site	0.1%
Unst — 15 sites	21%		

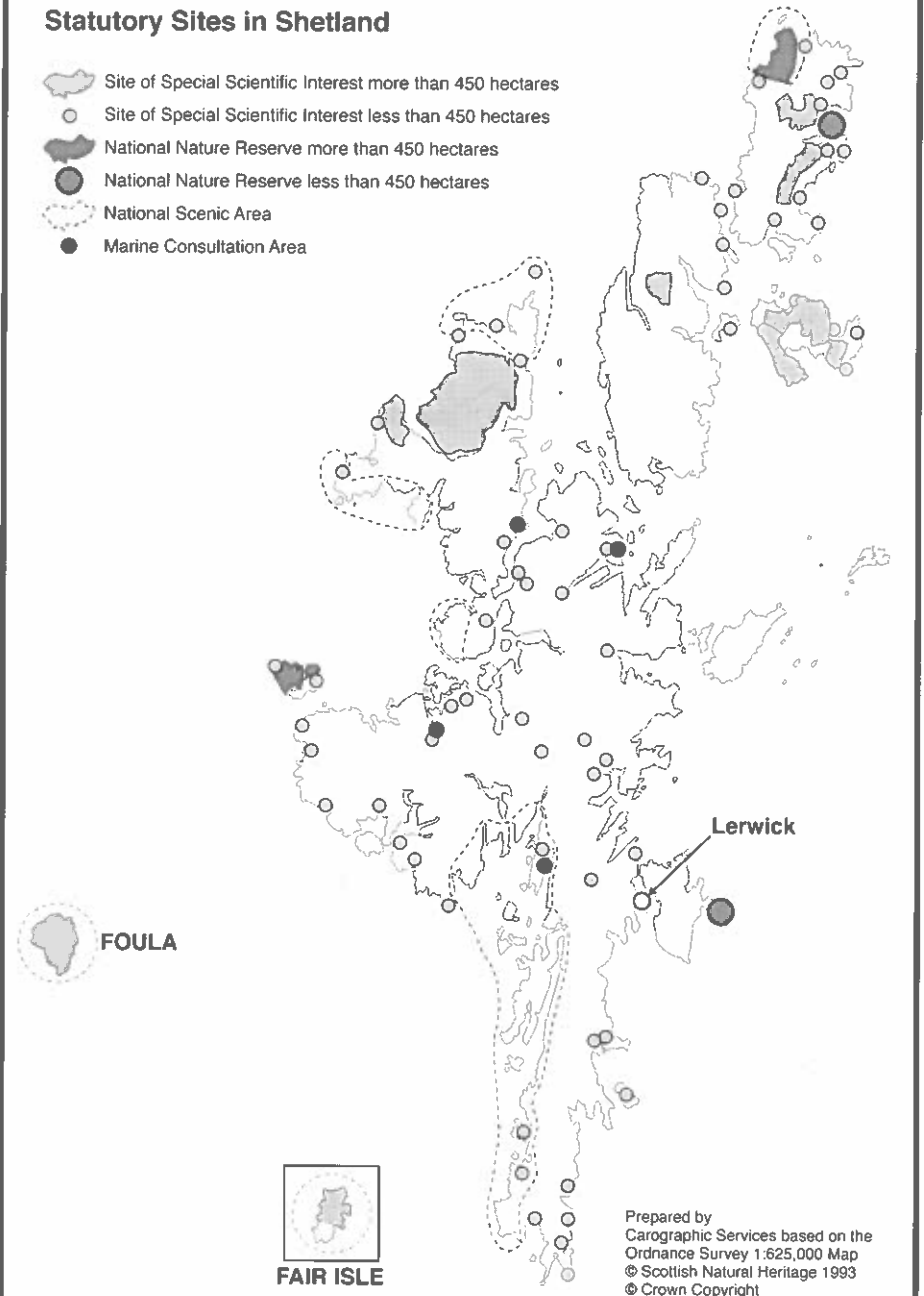
Wildlife

Latest population estimates for selected species are as follows:

Species	Population	Proportion of GB population
Red-necked Phalarope	30-40 pairs	95%
Whimbrel	500 + pairs	95%
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%
Common Seal	6,200 adults	28%
Otter	800-1,000 individuals	12%
Grey Seal	3,500 breeding adults	4%

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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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
Lib Dem Majority	5,033
Electorate: 31,472	
(Shetland: 16,235; Orkney: 15,237)	

MAY 1997

James Wallace (Lib Dem)	10,743
James Paton (Lab)	3,775
William Ross (SNP)	2,624
Hope Anderson (Con)	2,527
Francis Adamson (Referendum)	820
Christian Wharton (Artist, Teacher)	116
Arthur Robertson (Independent)	60
Lib Dem 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
Michael Gregson (Green)	12,199
Neil Mitchison (Lib Dem)	10,644
SNP Majority	44,695

JUNE 1994

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

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

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

REFERENDUMS

September 1997:

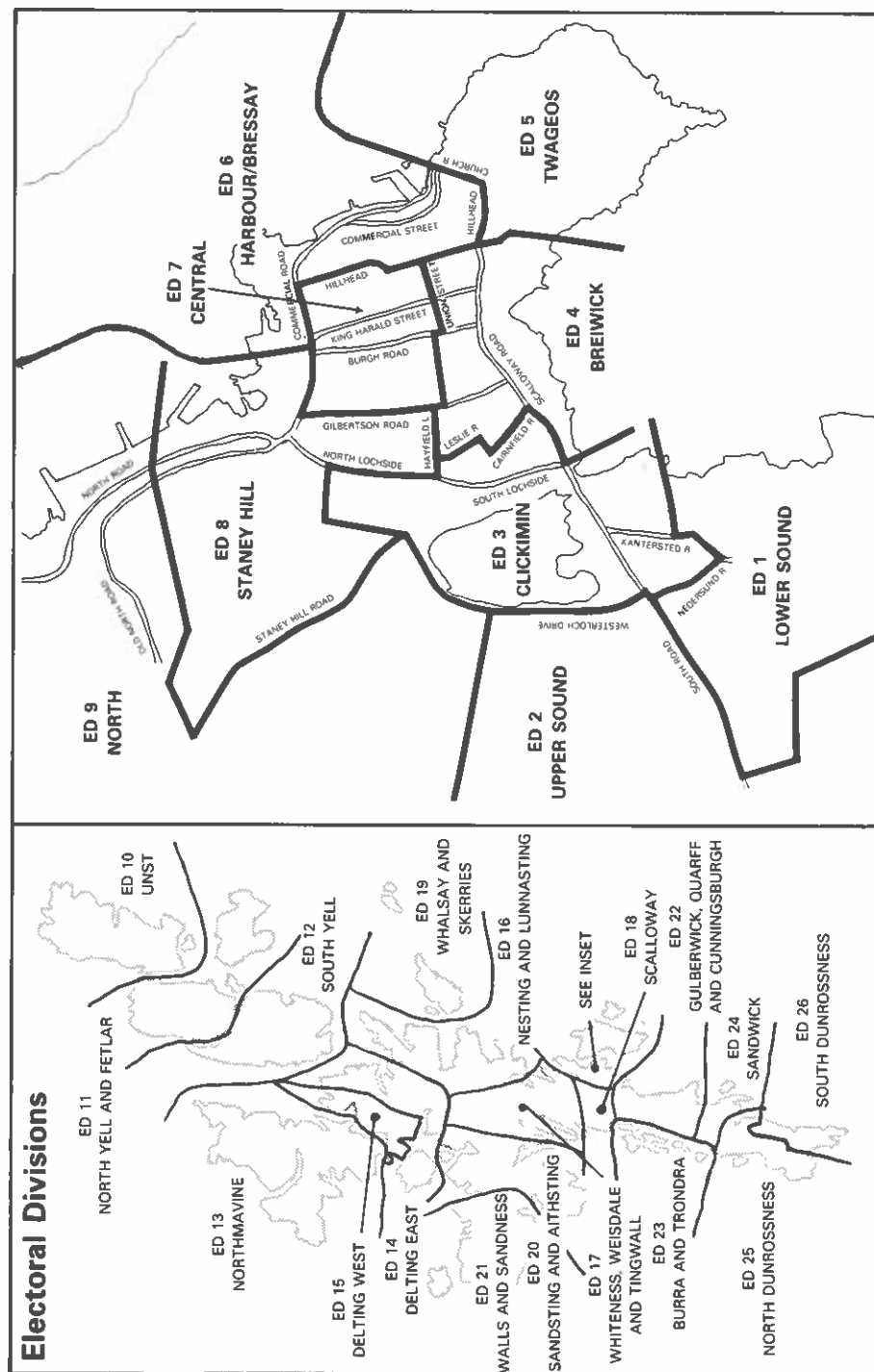
"I agree that there should be a Scottish Parliament"	5,430	(62.38% of votes cast)
"I do not agree that there should be a Scottish Parliament"	3,275	(37.62% of votes cast)
"I agree that a Scottish Parliament should have tax varying powers"	4,478	(51.61% of votes cast)
"I do not agree that a Scottish Parliament 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 – 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, Gaets-o-Voe, Ronas Voe, 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, Da Ankerhus, Mill Park, 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)

* John P. Nicolson was elected on 14th November, 1996, following the resignation of Councillor Peter N. Guy.

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

Council Departments

Chief Executive: Nick Reiter, Town Hall, Lerwick, ZE1 0HB

Department	Director	Address
Commercial Services	Deborah Lamb	Gremista, Lerwick
Development	Alvin Bashforth	Green Head, Lerwick
Education & Community Services	Jim Halcrow	Hayfield House, Hayfield Lane, Lerwick
Environment & Transportation	Graham Spall	Grantfield, Lerwick
Finance & Housing	Andrew Matthews	Breiwick House, Lerwick
Marine Operations	George Sutherland	Port Administration Buildings, Sella Ness, Graven, Mossbank
Social Work	Bill Bennett	Quendale House, 31 Commercial Street, Lerwick

Shetland Islands Council Finance

	1997/98			1998/99 (estimated)		
Services Provided by Shetland Islands Council	Revenue Expend. £'000	Capital Charges £'000	Total Expend. £'000	Revenue Expend. £'000	Capital Charges £'000	Total Expend. £'000
GENERAL FUND EXPENDITURE						
Development	1,958	2,627	4,584	2,313	494	2,807
Education	23,108	3,754	26,861	24,458	3,676	28,134
Environmental Services	4,478	892	5,369	5,605	886	6,491
Community Services	3,610	1,352	4,962	3,476	654	4,130
Housing	887	285	1,172	874	14	888
Marine Operations	4,918	1,044	5,962	5,785	844	6,629
Planning	786	157	943	988	60	1,048
Policy and Resources	5,456	(15,555)	(10,099)	3,769	(3,834)	(65)
Roads and Transport	6,682	4,418	11,100	6,734	3,777	10,511
Social Work	6,547	393	6,939	7,607	363	7,970
Committee Expenditure	58,429	(635)	57,794	61,609	6,934	68,543
Source of Finance:						
Revenue Support Grant			(48,224)			(47,915)
Non-Domestic Rates			(5,936)			(6,263)
Council Tax			(3,450)			(3,893)
Contributions and balances			(184)			(10,472)
General Fund Balance			0			0
HARBOUR ACCOUNT EXPENDITURE						
Harbour Operations	12,580	1,453	14,033	15,389	2,774	18,163
Source of Finance:						
Tanker Traffic			(8,057)			(9,706)
Mooring Charges			(389)			(420)
Boarding & Landing			(327)			(387)
Pilotage			(294)			(335)
Grants and Reimbursements			(3)			(3)
Other Income			(4,963)			(7,312)
Harbour Account Balance			0			0
HOUSING REVENUE ACCOUNT EXPENDITURE						
Housing Services	3,955	6,528	10,483	3,300	7,844	11,144
Source of Finance:						
Housing Support Grant			(4,282)			(2,964)
Rents and Other Client Income			(4,599)			(5,066)
Financing and Contributions			(1,601)			(3,114)
Housing Revenue Account Balance			0			0

Source: Finance & Housing Department, SIC

Rating and Valuation

	Rate per £			Total	Total Rateable
	Non-Domestic	Domestic	Water	Non-Domestic R/V	Value £
1976/77	140p	113p	20p	n/a	463,641
1977/78	161p	130p	25p	n/a	584,996
1978/79*	45p	42p	10p	n/a	6,234,214
1979/80	50p	47p	11p	n/a	15,529,780
1980/81	75p	72p	14p	n/a	25,311,238
1981/82	79p	76p	10p	n/a	31,129,489
1982/83	95p	92p	10p	n/a	32,476,067
1983/84	111p	108p	11.5p	n/a	25,990,632
1984/85	123p	120p	6p	n/a	25,751,883
1985/86*	58p	50p	3.5p	62,870,356	65,925,451
1986/87	59p	52p	3.5p	63,333,199	66,465,033
1987/88	59p	52p	3p	63,048,562	66,248,965
1988/89	108p	101p	7.5p	62,728,990	66,006,192

* Revaluation: 1st April 1978 and 1985, as well as 1990 & 1995.

	1994/95	1995/96	1996/97*	1997/98*	1998/99
	Pence per £	Pence per £	Pence per £	Pence per £	Pence per £
Non-Domestic Rates					
General	42.3	43.2	44.90	45.80	47.40
Water	10.5	9.2	9.75	10.43	10.43
Sewerage	9.2	7.6	8.06	8.62	8.62
Total	62.0	60.0	62.71	64.85	66.45
Council Tax (Band D)					
General	(£) 341.52	(£) 358.60	(£) 443.21	(£) 486.00	(£) 558.00
Sewerage	68.33	69.62	65.50 gross	70.00 gross	80.00 gross
			4.50 net	29.26 net	60.52 net
Water	116.34	118.36	116.00	111.00	110.00
Total	526.19	546.58	563.71	626.26	728.52

Council Tax 1997/98

Band	Property Value	General Fund Council Tax (£)
A	Up to £27,000	372.00
B	£27,001 to £35,000	434.00
C	£35,001 to £45,000	496.00
D	£45,001 to £58,000	558.00
E	£58,001 to £80,000	682.00
F	£80,001 to £106,000	806.00
G	£106,001 to £212,000	930.00
H	Over £212,001	1,116.00

* 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 & Housing Department, SIC and NOSWA

Community Council Clerks

Aithsting & Sandsting	Mrs Laurena Fraser, West Burrafirth, Bridge of Walls	(01595) 809203 (Home)
Bressay	Mrs Joyce Garden, Tjaldur, Voehead, Bressay	(01595) 820202 (Home)
Burra & Trondra	Mrs Joyce Adamson, 12 Atlanness, Hamnavoe, Burra	(01595) 859426 (Home)
Delting	Mrs Wendy Smith, La Quebrada, Griesta, Gott	(01595) 840266 (Home)
Dunrossness	Mrs Nancy Heubeck, Mansefield, Skelberry, Dunrossness	(01950) 460304 (Home)
Fetlar	Ms Jane Mack, Houll, Fetlar	(01957) 733207 (Home)
Gulberwick, Quarff & Cunningsburgh	Robert Jarmson, Meal, Cunningsburgh	(01950) 477259 (Home)
Lerwick	Mrs Elinor Nicolson, Community Council Office, Stouts Court, Lerwick	(01595) 694286 (Home) (01595) 692447 (Work)
Nesting & Lunnasting	Mrs Marion Stonehouse, Kirkabister, Vidlin	(01806) 577283 (Home)
Northmavine	Mr Robert Jamieson, Nissetter, Ollaberry	(01806) 544317 (Home)
Sandness & Walls	Mrs Laurena Fraser, West Burrafirth, Bridge of Walls	(01595) 809203 (Home)
Sandwick	Mrs Rosemary Inkster, Wainui, Hoswick, Sandwick	(01950) 431284 (Home)
Scalloway	Mrs Sandra Reynolds Berry Road, Scalloway	(01595) 880929 (Home)
Unst	Mrs Josie MacMillan Rockfield, Haroldswick	(01957) 711554 (Home)
Whalsay & Skerries	Mrs Hazel Simpson, Old Haa, Symbister, Whalsay	(01806) 566224 (Home)
Whiteness, Weisdale and Tingwall	Mrs Thelma Jamieson, Varhjern Upper Strand, Gott	(01595) 840489 (Home)
Yell	Mrs Patricia Odie, Kirkbrae, Burrae, Yell	(01957) 722315 (Home)
Association of Shetland Community Councils	Secretary: Mr James C. Irvine, Brentham House, Harbour Street, Lerwick	(01595) 693816 (Home)

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

General Interest

	£	
Baxter, C. & Crumley, J.	Shetland – Land of the Ocean	15.00
Finnie, M.	Shetland, An Illustrated Architectural Guide	6.00
Linklater, E.	Orkney and Shetland	9.95
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

Economy, Archaeology & History

	£	
Anderson, Peter D.	Black Patie: Earl Patrick Stewart	12.50
Ballantyne, John & Smith, Brian	Shetland Documents 1580-1611	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
Fojut, N.	A Guide to Prehistoric and Viking Shetland	12.00
Fojut & Pringle	Ancient Monuments of Shetland	3.95
Graham, John	A Vehement Thirst After Knowledge: Four Centuries of Education in Shetland	20.00
Graham, L. & Smith, B. (Ed)	MacDairmid in Shetland	7.95
Halcrow, A.	The Sail Fishermen of Shetland	11.95
Howarth, David	The Shetland Bus	7.95
Irvine, Fred	Pictures from Shetland's Past	3.60
Irvine, J. W.	Through Storm to Calm 1939-1950	7.20
Johnson, L.	Wrestlers with the Troubled Sea	4.25
Kendall, Norah	With Naught but Kin Behind Them	10.00
Manson, Thomas	Lerwick During the Last Half Century (1867-1917)	21.00
Newton, Norman	Shetland	7.99
Nicolson, J. R.	Hay and Co., Merchants in Shetland	7.95
Nicolson, J. R.	Lerwick Harbour	7.50
Peterson, J. P.	The History of Shetland Football 1887-1987	11.95
Robarts, Fred	Ultima Thule – Recollections of Shetland Holidays in the 1930s – in Pictures	12.00
Robson, A.	Saga of a Ship: Earl of Zetland	12.00
Sandison, Charles	Sixareen and her Racing Descendents	4.50
Sandison, Ronald	Christopher Sandison of Eshaness (1781-1870) — Diarist in an Age of Social Change	24.00
Shetland Sub Aqua Club	Shetland Shipwrecks	2.00
Somner, G.	From 70 North to 70 South (History of the Salvesen Fleet)	5.99
Thomason, Edward	Island Challenge	18.00
Turner, Val	Ancient Shetland	15.99
Turner, Val (Ed.)	The Shaping of Shetland	12.00
Walls Regatta Club	Walls Regattas 1895-1996	7.50

Natural Environment & Wildlife £

Copland, John	Hardy Plants in the North	5.99
Dymond, J.	The Birds of Fair Isle	5.95
Gammack, Joyce	A Shetland Nature Diary	9.95
Gosling, A. (Ed)	A Century of Shetlands 1890-1990	12.00
Guy, Peter	Walking the Coastline of Shetland, The Island of Yell	6.95
Guy, Peter	Walking the Coastline of Shetland, No. 2 (Unst)	4.99
Guy, Peter	Walking the Coastline of Shetland, No. 3 (Fetlar)	4.99
Guy, Peter	Walking the Coastline of Shetland, No. 4 (Northmavine)	4.00
Guy, Peter	Walking the Coastline of Shetland, No. 5 (Westside)	6.95
Harrop, Hugh	Where to Watch Birds	4.00
Hodson, A.	Shetland Ponies	16.95
Johnston, J. Laughton	A Naturalist's Shetland	27.95
Malcolm, D.	Shetland's Wild Flowers	6.95
Russell, V.	Shetland Ponies	12.99
Shetland Anglers' Association	Trout Fishing in Shetland	9.95
Tulloch, Bobby	Bobby Tulloch's Shetland	10.99
Tulloch, Bobby	A Guide to Shetland's Breeding Birds	9.95
Welsh, M.	Walks on Shetland	6.50

Language, Folklore, Fiction, Poetry and Music £

Anderson, Tom	Ringing Strings	6.00
Anderson, Tom	Gies an A'	6.00
Anderson, Tom	The Tom Anderson Collection, Volume One	7.95
Barnes, Michael P.	The Norn Language of Orkney & Shetland	9.95
Bulter, Rhoda	Snyvveries	3.60
Clark, Alistair	Aly Bain – Fiddler on the Loose	14.99
Cluness, A. T.	Told Round the Peat Fire	9.85
Cooper, Susan	Key Notes: The History of the Lerwick Orchestra	9.00
De Luca, Christine	Wast Wi' Da Valkyries	8.99
Graham, J. J.	Shadowed Valley	9.95
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
Jakobsen, J.	Place Names of Shetland	7.99
Jamieson, F. & R.	Leveneep Head	6.00
Jamieson, F. & R.	Vidlin Voe	7.50
Polson, Sam	Unst Fiddle Tunes	6.50
Pugh, Sheenagh	Kirstie's Witnesses	8.95
Ritch, P. J.	Mother Wave – Collection of Verse	6.95
Robertson, T. A. & Graham, J.	Grammar and Usage of the Shetland Dialect	6.95
Scott, Sir Walter	The Pirate	8.99
Stove, Magnus J.	The Shetland Violinist	6.50
Watt, Jessie	Holm Sweet Holm	10.00

Knitting £

Amedro, Gladys	Shetland Lace	15.95
Fryer, L. G.	Knitting by the Fireside and on the Hillside	20.00
Simmons, J.	A Shetland Dye Book	4.50
Smith, M. & Bunyan, C.	A Shetland Knitter's Notebook	6.95
Smith, M. & Twatt, M.	A Shetland Pattern Book	4.95

Books For Children £

Cumming, John	Peerie Boat	4.99
Fidler, K.	Haki the Shetland Pony	2.99
Leask, W.	Bess, Tales of a Middle Aged Sheepdog	1.80
Turner, Val	How to be a Detective	7.50

Local Information £

Jamieson, Harry	Harry's Shetland Fishing Almanac 1998	3.50
Shetland Islands Tourism	The Shetland Guide Book	3.50
Shetland Islands Tourism	Where To Stay In Shetland	0.50
Shetland Islands Tourism	Inter-Shetland Transport Timetable	0.50

Maps £

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, Green Head, Lerwick, Shetland, ZE1 0PY, at a cost of £3.00 (£3.75 including postage and packing).

Conversion Factors

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

Length

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

Area

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

Volume

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

Capacity

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

Velocity

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

Mass

tons : kilograms	1016.05
tons : tonnes	1.016
hundredweights : kilograms	50.8023
stones : kilograms	6.3503
pounds : kilograms	0.4536
ounces : grams	28.3495

Temperature

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