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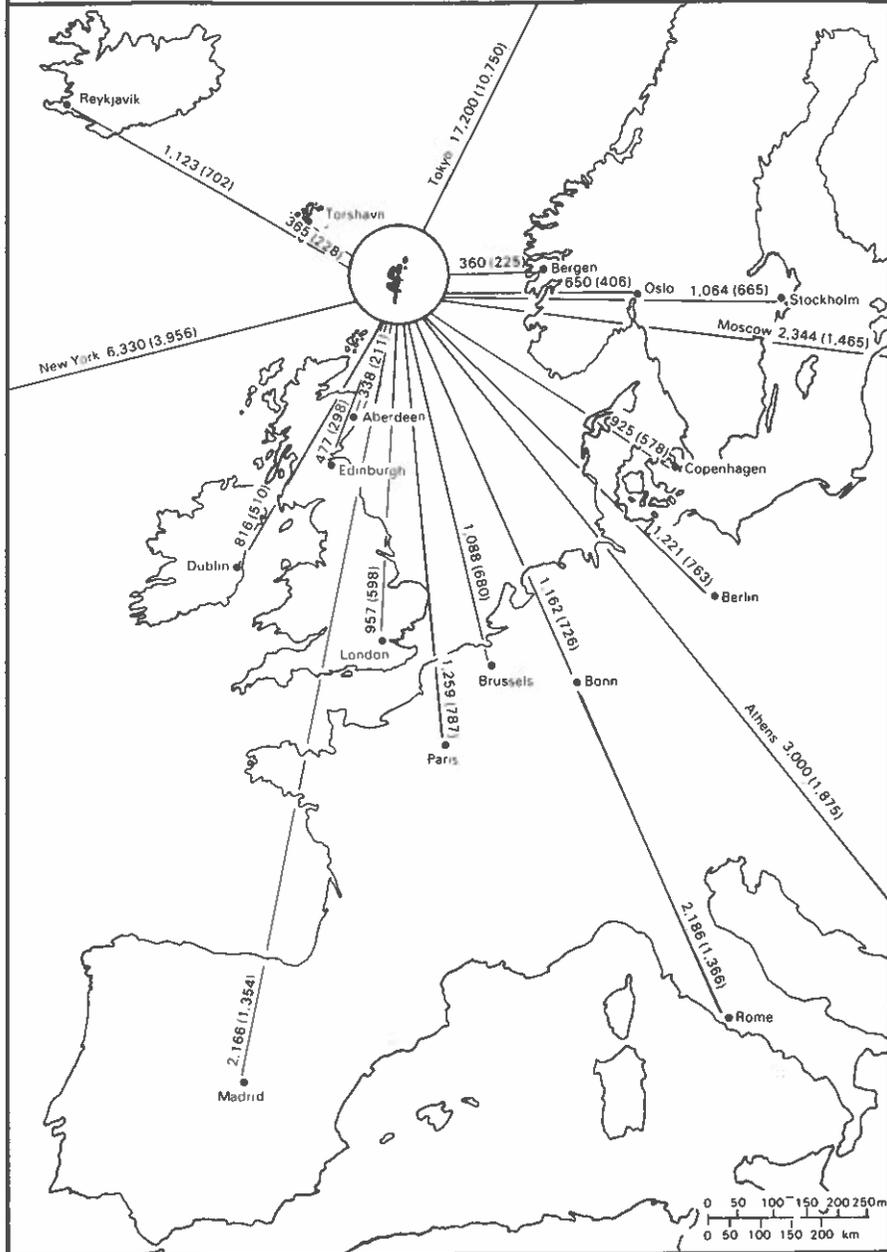
Contents

Physical:	Location	4, 6
	Physical Characteristics	5
	Climate	7-11
Economic:	Population	12-14
	Employment	15-17
Conservation:	Nature Conservation	18
Industry:	Agriculture	19-21
	Fisheries	21-26
	Salmon Industry	26
	Oil	27-34
	Industrial Sites	34-35
	Knitwear	38
	Crafts	38
	Tourism	39-41
Transport:	Internal Transport	42-44
	Ferries	44-45
	Lerwick and Scalloway Harbours	45-46
	Air Services	47-50
Social Provision & Services:	Cost of Living	51
	Housing	51
	Vehicle Ownership	51
	Education	52-53
	Social Work	53
	Health Board	54
	Hospitals	55
	Lifeboat	55
	Crime	56
	Fire Service	57
	Postal Services	57-58
	Electricity	58
	Telecommunications	59
Political Organisations:	Electoral Statistics	60
	Electoral Divisions	61
	Shetland Islands Council Members	62-63
	Rating & Valuation	63
	Shetland Islands Council Committees	64-65
	Shetland Islands Council Departments	65
	Shetland Islands Council Finance	66
	Community Councils	67-68
	Government Departments/Official Bodies	68
Bibliography		69-71
Map of Lerwick		36-37
Conversion Factors		72
Acknowledgements		2

Shetland: Location

Lerwick is Lat 60° 9' N and 1° 9' W

Approximate distances from Shetland
in kilometres (statute miles)



Shetland: Physical Characteristics

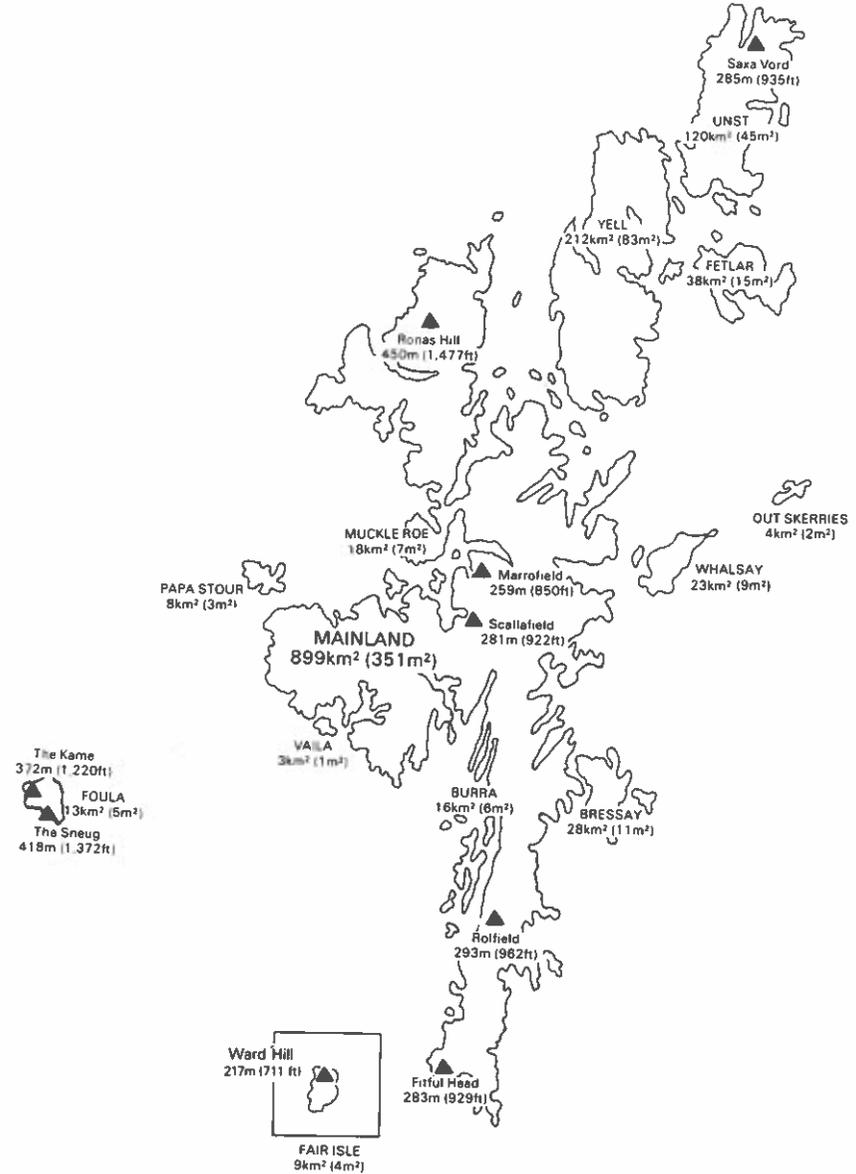
Total Area of Shetland: 1,408 square kilometres (552 square miles)

Total Length of coastline: approx. 1,450 kilometres (900 miles)

(Prof. D. Flynn, 1975 estimate)

Number of islands: 100 +

Number of inhabited islands with bridge to Mainland: 4



Distance by road in kilometres (miles) from Lerwick

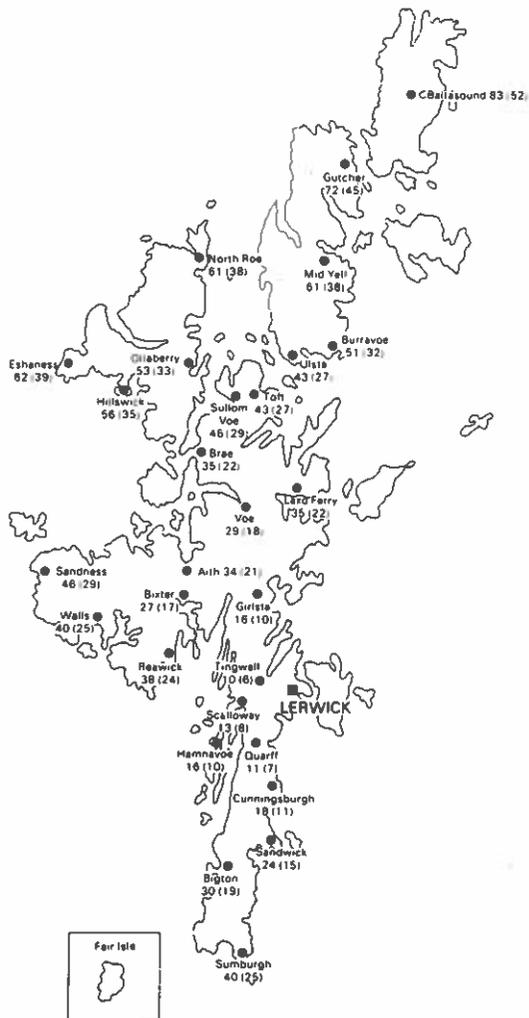
Aith	34(21)	Laxo Ferry	35(22)	Scalloway	13(8)
Bigton	30(19)	Levenwick	28(18)	Skeld	40(25)
Bixter	27(17)	Mossbank	43(27)	Sullom Voe	46(29)
Brae	35(22)	North Roe	61(38)	Sumburgh	40(25)
Cunningsburgh	18(11)	Ollaberry	53(33)	Tingwall	10(6)
Eshaness	62(39)	Quarff	11(7)	Toft Ferry	43(27)
Girista	16(10)	Quendale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

Unst:

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

Yell:

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



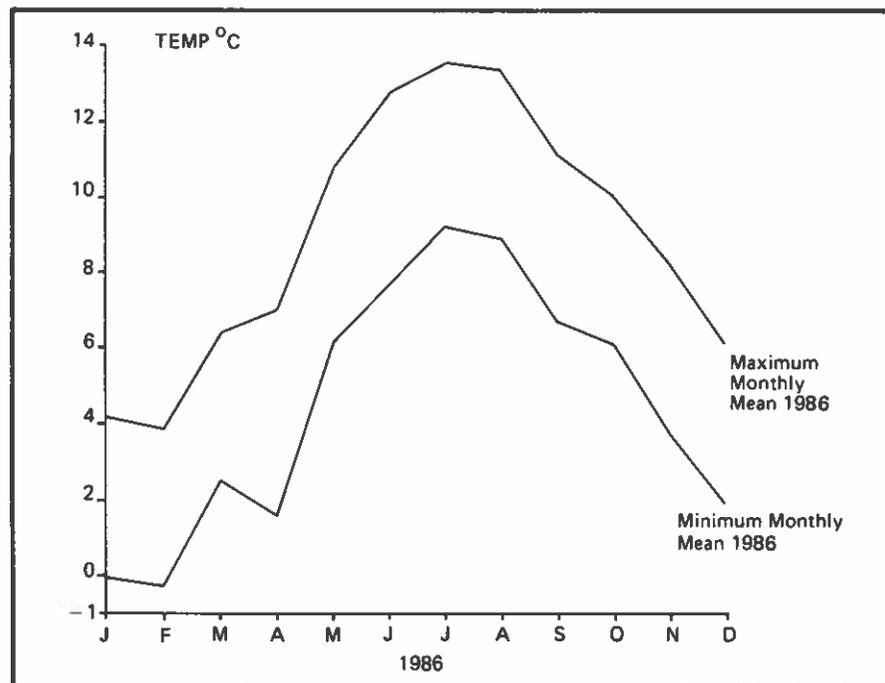
Climate

Observations are recorded in Shetland by staff employed by the Meteorological Office at Lerwick and Sumburgh.

Observations from Lerwick Observatory began in 1921, although the first full year of recordings was not until 1922. The recorded meteorological observations from Lerwick Observatory for 1986 are as follows:

Temperature (degrees C)

	1986		1951-80		Extreme daily values (1922-1986)	
	monthly mean	monthly mean	monthly mean	monthly mean	Max. (Year)	Min. (Year)
Jan	4.2	-0.1	5.1	1.0	11.7 ('32, '50)	-8.9 ('52, '59)
Feb	3.9	-0.3	4.9	0.7	11.7 ('45)	-7.3 ('80)
Mar	6.4	2.5	6.0	1.7	13.3 ('61)	-8.3 ('47)
Apr	7.0	1.6	7.8	2.6	16.1 ('42)	-5.7 ('68)
May	10.7	6.1	10.0	5.0	19.4 ('54)	-2.8 ('23)
Jun	12.7	7.7	12.5	7.4	23.3 ('58)	-0.6 ('24, '29, '31, '51)
Jul	13.5	9.2	13.7	9.0	22.8 ('26, '58)	3.3 ('21)
Aug	13.3	8.9	14.0	9.4	21.5 ('82)	1.7 ('21)
Sep	11.1	6.7	12.5	8.1	19.4 ('53)	-0.6 ('54)
Oct	10.0	6.1	10.3	6.3	17.2 ('55)	-3.3 ('48)
Nov	8.2	3.8	7.4	3.3	13.9 ('46)	-5.7 ('62)
Dec	6.1	1.9	6.0	1.8	12.2 ('48)	-8.3 ('61)
Year	8.9	4.5	9.2	4.7		



Monthly totals

	Sunshine (hours)		Rainfall (millimetres)	
	1986 totals	Extreme Daily totals	1986 totals	Extreme daily fall
Jan	27.1 (23.1)	6.5 ('39)	149 (127)	43 ('37)
Feb	92.4 (54.2)	9.8 ('40)	11 (93)	47 ('51)
Mar	80.1 (84.0)	11.6 ('64)	126 (93)	47 ('52)
Apr	155.2 (135.1)	14.8 ('26)	35 (72)	37 ('40)
May	135.6 (152.2)	16.2 ('40, '57, '80)	106 (64)	50 ('66)
Jun	148.4 (158.5)	17.4 ('34)	38 (64)	37 ('81)
Jul	107.8 (124.9)	16.6 ('35)	75 (67)	94 ('35)
Aug	130.1 (117.8)	15.1 ('28)	77 (78)	47 ('45)
Sep	114.0 (95.3)	13.0 ('24)	133 (113)	51 ('54)
Oct	67.3 (63.5)	10.1 ('37)	156 (119)	61 ('81)
Nov	20.2 (32.8)	6.8 ('61, '67)	182 (140)	71 ('49)
Dec	15.7 (14.9)	5.1 ('57)	194 (147)	45 ('51)
Year:	1,093.9 (1,056.3)		1,282 (1,177)	

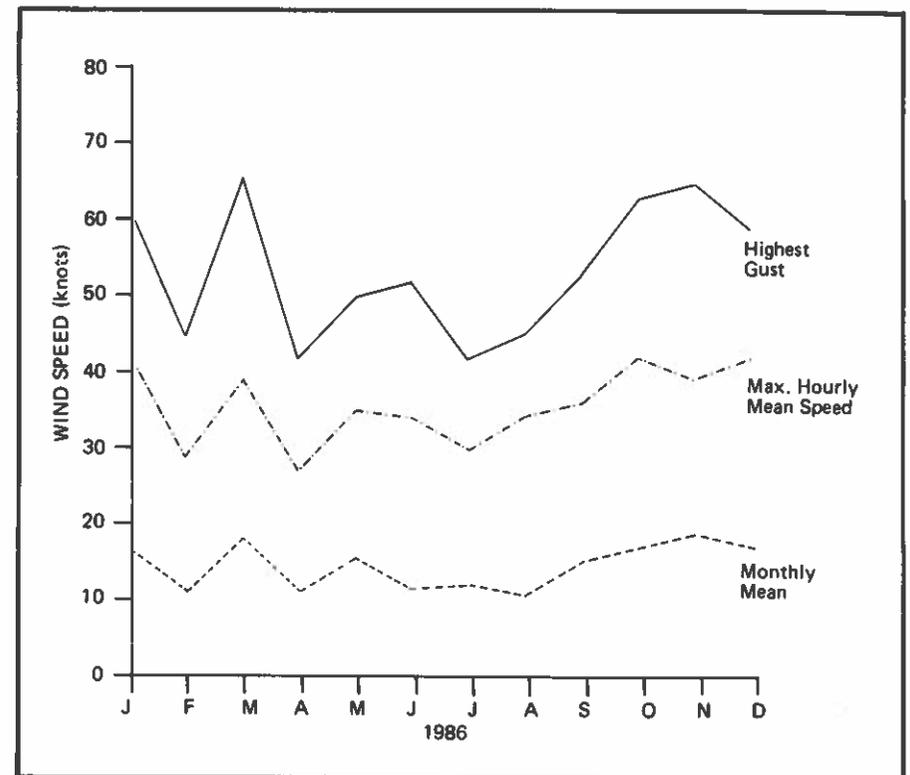
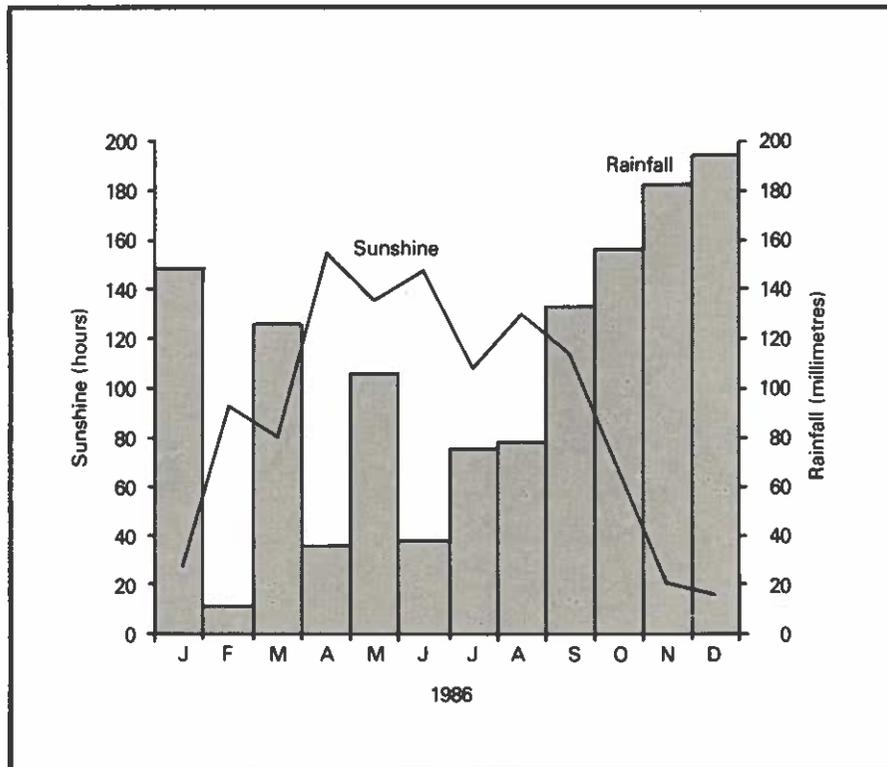
Figures in brackets are 1951-1980 averages.

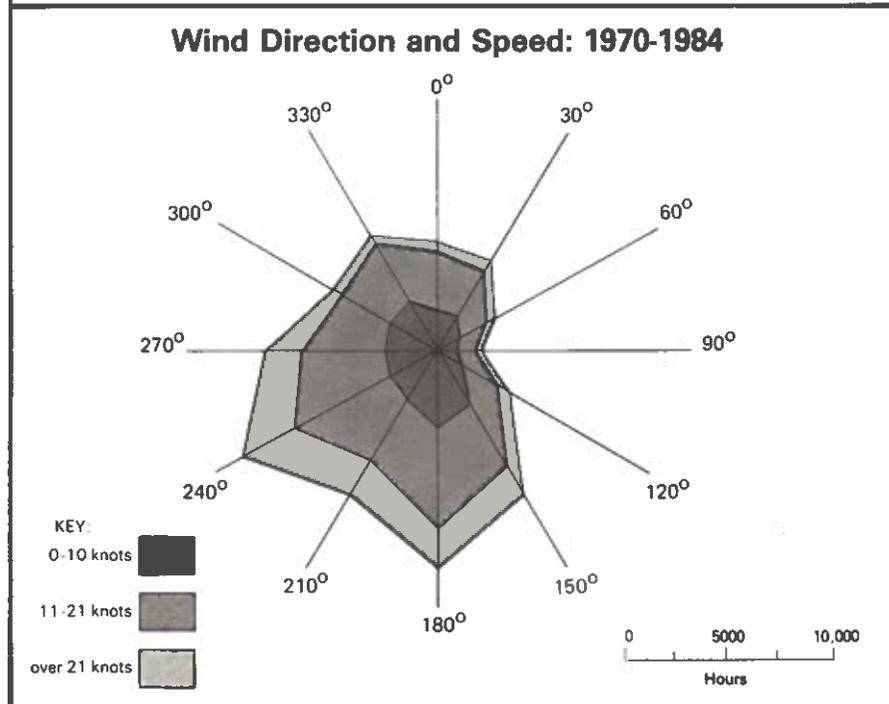
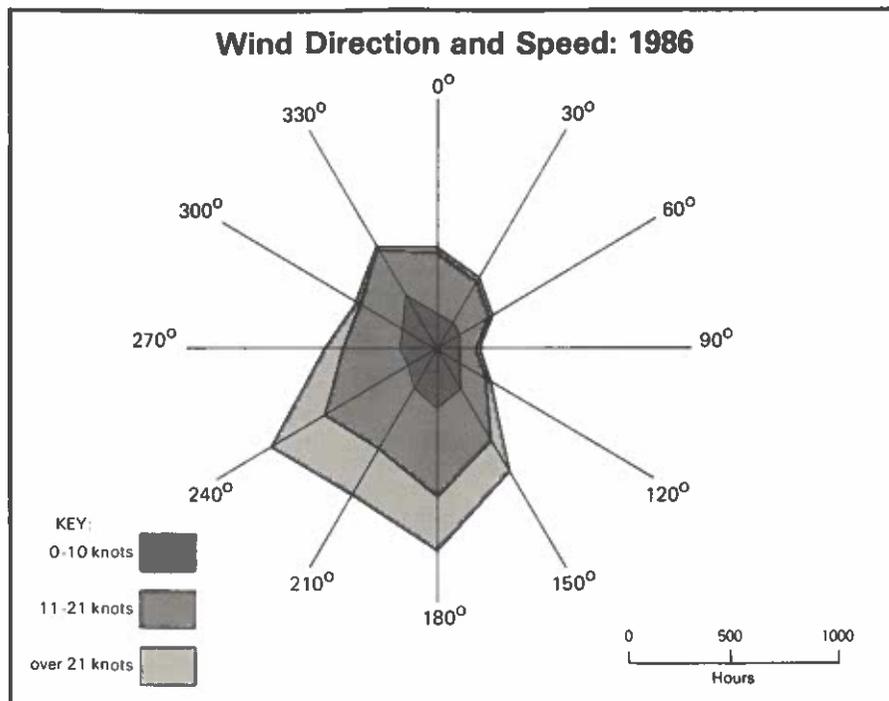
Extreme daily totals are over the years 1921-1986.

Wind Speed (knots)

	Monthly mean		Max hourly mean speed 1921-1986			Highest gust 1921-1986		
	1986	1951-1985	1986	Dir	Year	1986	Dir	Year
Jan	16.7	(16.9)	42	(64 010	'53)	62	(95 220	'61)
Feb	11.3	(15.4)	29	(56 230	'81)	45	(83 280	'43)
Mar	18.0	(15.9)	39	(53 240	'67)	66	(77 240	'67)
Apr	11.2	(13.3)	27	(55 250	'57)	42	(78 250	'57)
May	15.3	(11.9)	35	(44 100	'82)	50	(65 100	'82)
Jun	11.4	(11.7)	34	(42 260	'55)	52	(61 260	'55)
Jul	11.8	(11.3)	30	(40 030	'40)	42	(61 290	'64)
Aug	10.3	(10.9)	34	(49 240	'23)	45	(69 240	'23)
Sep	14.9	(13.2)	36	(59 210	'78)	53	(87 270	'63)
Oct	16.6	(15.0)	42	(58 230	'65)	63	(90 250	'80)
Nov	18.6	(15.4)	39	(51 220	'38)	65	(80 280	'36)
Dec	16.8	(16.9)	42	(51 240	'73)	59	(80 220	'38)
				(58 240	'36)		(90 220	'56)

(Lerwick Observatory: 60° 08' N, 01° 11' W, 82m above sea level).





Number of days in 1986 with:

	Snow or Sleet	Air Frost	Thunder	Gales	Fog	Rain
Jan	18 (14.3)	14 (10.3)	3 (0.8)	6 (7.9)	0 (0.5)	23 (26)
Feb	13 (11.1)	17 (9.9)	0 (0.7)	0 (4.7)	0 (0.4)	11 (20)
Mar	9 (11.9)	1 (7.2)	0 (0.3)	7 (5.4)	0 (1.0)	24 (21)
Apr	8 (7.4)	5 (4.7)	0 (0.1)	0 (1.8)	0 (1.5)	17 (19)
May	0 (2.3)	0 (0.6)	0 (0.1)	2 (0.9)	4 (2.2)	26 (17)
Jun	0 (0.1)	0 (0.0)	1 (0.3)	2 (0.6)	4 (2.5)	11 (16)
Jul	0 (0.0)	0 (0.0)	0 (0.4)	0 (0.4)	3 (3.0)	23 (17)
Aug	0 (0.0)	0 (0.0)	1 (0.3)	1 (0.5)	1 (2.8)	20 (17)
Sep	2 (0.1)	0 (0.0)	0 (0.1)	4 (2.4)	0 (2.2)	27 (20)
Oct	7 (1.4)	0 (0.5)	0 (0.2)	4 (4.6)	1 (1.6)	25 (22)
Nov	8 (8.3)	2 (4.4)	1 (0.9)	7 (5.5)	0 (0.2)	28 (25)
Dec	14 (12.2)	3 (8.1)	0 (0.5)	12 (7.9)	0 (0.6)	31 (25)
Year	79 (69.0)	42 (45.8)	6 (4.6)	45 (42.5)	13 (18.6)	266 (245)

Figures in brackets are 1951-1985 monthly mean totals.

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

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

Thunder: thunder heard at any time of day.

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

Fog: visibility less than 1000 metres at 09H GMT.

Rain: precipitation greater than 0.2mm recorded over a 24-hour period.

Extreme Values 1986

Temperature (deg. C.)

Max. Temp.	26th June	19.6
Min. Temp.	7th January	-5.1

Sunshine (hours)

Sunniest Day	16th & 24th June	16
Sunniest Month	April	155.2

Rainfall (millimetres)

Wettest Day	14th August	32.9
Wettest Month	December	194
Driest Month	February	11

Wind Speed (knots)

Highest Gust	20th March	66
Windiest Month	November	18.6
		(monthly mean)

Population

The "usually resident" population at the time of the 1981 census was 22,768. This figure does not include temporary residents, mainly construction workers at the Sullom Voe Terminal. The population present on the census night was 22,277. The Shetland Health Board estimate of population as at 31st December, 1986 (based on NHS registrations) was 23,025.

1986

In-migrants.....	928	Births.....	343
Out-migrants.....	903	Deaths.....	242

Population of Shetland by area (June of each year):

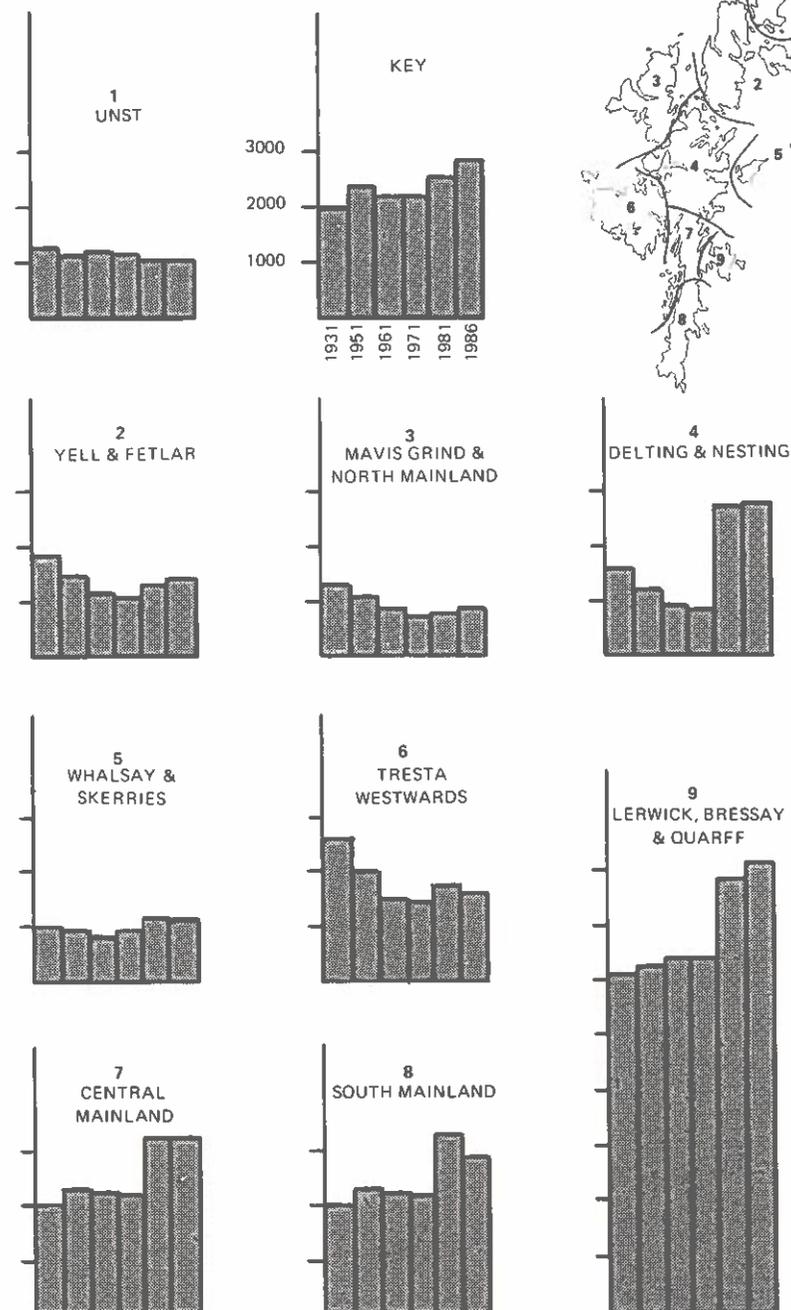
	1931	1951	1961	1971	1981	1985	1986
Unst.....	1,341	1,112	1,151	1,127	1,004	1,006	967
Yell.....	1,883	1,483	1,152	1,143	1,213	1,130	1,120
Fetlar.....	217	161	127	88	96	91	97
Whalsay.....	900	859	764	870	1,047	1,024	1,027
Skerries.....	110	127	108	100	92	85	83
Mavis Grind — North.....	1,343	1,054	816	696	748	763	776
Delting.....	958	863	701	674	2,755	2,715	2,893
Nesting.....	822	563	434	380			
Tresta — Bridge of Walls.....	1,562	1,225	957	873	1,059	1,028	950
West of Bridge of Walls.....	884	687	561	483	592	555	550
Foula.....	118	75	54	33	43	45	45
Papa Stour.....	100	68	55	24	35	31	40
Whiteness/Weisdale/ Gott/Tingwall.....	1,140	1,604	1,603	1,671*	1,119	1,090	1,127
Scalloway.....	—	—	—	—	1,195	1,119	1,119
Trondra.....	91	54	20	17	86	102	104
Burra.....	767	648	653	565	848	841	851
Lerwick.....	4,221	5,538*	5,908	6,127	7,255	7,371	7,502
Bressay.....	452	335	269	251	347	332	333
Quarff/Guilberwick.....	1,518	426*	385	171	315	359	382
Sandwick/Cunningsburgh.....	1,507	1,376	1,172	1,120	1,323	1,243	1,263
Bigton Junction — South.....	1,089	1,021	858	848	1,883	1,645	1,565
Fair Isle.....	108	73	64	65	75	68	66
Total population.....	21,421	19,352	17,812	17,327	23,130	22,643	22,860

Figures in cols. 1 - 4: Population Census.

Figures in cols. 5 - 7: Shetland Health Board (estimates)

*Boundary change.

Population 1931-1986 by area



Population Breakdown by Age and Sex

Age Group	1981			1986		
	Males	Females	Total	Males	Females	Total
0- 4	888	890	1,778	822	777	1,599
5- 9	901	881	1,782	925	919	1,844
10-14	959	913	1,872	890	875	1,765
15-19	907	846	1,753	822	801	1,623
20-24	886	791	1,677	848	851	1,699
25-29	1,006	852	1,858	968	888	1,856
30-34	1,052	874	1,926	1,099	877	1,976
35-39	857	782	1,639	1,133	877	2,010
40-44	706	577	1,283	886	768	1,654
45-49	571	518	1,089	734	574	1,308
50-54	503	520	1,023	570	528	1,098
55-59	542	516	1,058	518	501	1,019
60-64	385	488	873	484	513	997
65-69	443	510	953	361	483	844
70-74	371	512	883	381	463	844
75-79	239	411	650	273	430	703
80-84	157	259	416	151	302	453
85+	64	191	225	83	205	288
Total	11,437	11,331	22,768	11,948	11,632	23,580

1981 figures from 1981 Census — (usually resident population, not including temporary residents).
1986 figures: Registrar General's estimates for 30th June 1986.

Economic Activity in Shetland 1971-1981

	1971			1981		
	M	F	T	M	F	T
Total Population (Census)	8,432	8,895	17,327	11,437	11,331	22,768
Total Population 16+	6,245	6,825	13,070	8,511	8,493	17,004
Resident: Economically Active	4,935	1,890	6,825	7,056	3,901	10,957
In Employment	4,645	1,785	6,430	6,721	3,743	10,464
Out of Employment	290	105	395	335	158	493
% Economically Active (of 16+ population)	79.0%	27.7%	52.2%	82.9%	45.9%	64.4%

(Source: Population Census). The activity rates for 1986 are estimated to be close to the 1981 rates.

Employment

	1971 (a)	1977 (b)	1981 (c)	1983 (d)	1986 (c)
Primary	279	322	938	1,276	1,095
Manufacturing	1,335	1,125	940	923	970
Construction	489	1,004	906	763	760
Services	2,885	4,400	6,189	5,779	5,819
Self Employed	1,445	1,450	1,452	1,455	1,457
Total	6,433	8,301	10,425	10,196	10,101

Note: These figures do not include the construction workforce at the Sullom Voe oil terminal. 1980 was the peak year with 7,052 temporary construction and service workers. The largest section of the self employed are fishermen; the bulk of the remainder, tradesmen.

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

Employment by Industrial Category in 1986

Primary	Employees	Self Employed	Total
Agriculture, fishing, fish farming	251	705	956
Quarrying and Oil	844	2	846
Total	1,095	707	1,802

Manufacturing	Employees	Self-Employed	Total
Food	550	30	580
Engineering	147	20	167
Textiles	184	73	257
Other Manufacturing	89	22	111
Total	970	145	1,115

Construction	Employees	Self-Employed	Total
Construction	760	160	920

Services	Employees	Self-Employed	Total
Public Utilities	100	0	100
Transport	1,211	64	1,275
Distribution	1,260	230	1,490
Finance & Business	130	2	132
Professional & Scientific	1,381	29	1,410
Miscellaneous Services	1,153	120	1,273
Public Administration	584	0	584
Total	5,819	455	6,284

Notes: A Shetland Islands Council Research and Development Department survey showed that in 1983 over 20 per cent of those in employment were part-time. 37 per cent of the workforce were female, and 47 per cent of female jobs were part-time, compared with 8.5 per cent of male jobs. Source: Shetland Islands Council Research and Development Department survey.

Unemployment percentage as at June each year

	1973	1975	1977	1979	1981	1983	1985	1986
Shetland %	2.2	2.9	4.0	2.8	5.3	6.5	5.5	6.3
Actual Jan:	283	214	213	220	402	874	798	805
Figures July:	135	172	289	233	457	729	658	771
Orkney %	2.4	2.4	4.8	5.7	9.0	11.1	10.9	11.7
Western Isles %	12.9	14.0	14.0	11.8	20.1	19.8	17.4	19.1
Grampian %	2.4	2.3	4.3	4.6	7.6	8.5	7.6	8.8
Strathclyde %	5.2	5.6	9.8	9.8	16.1	16.9	18.5	18.1
Scotland %	4.3	4.7	8.6	8.1	13.5	14.5	15.3	14.0

Note: 1. The official unemployment percentage figures for Shetland greatly under-represents the true position due to the official method of calculation and Shetland Islands Council produces its own percentage figures. For example, the official percentage rate for January 1987 was 7.5 per cent, while the council's figure was 10.3 per cent. (Further information on the method of calculating the percentage unemployed is available from the Research and Development Department, Shetland Islands Council.) 2. The percentage rate for Scotland changed in 1986 and is now based on the total labour force including, for example, self-employed as well as employees. 3. The basis for calculating the number of people unemployed has been changed several times in recent years by the Government, each time excluding different categories of people.

Youth Unemployment in Shetland:

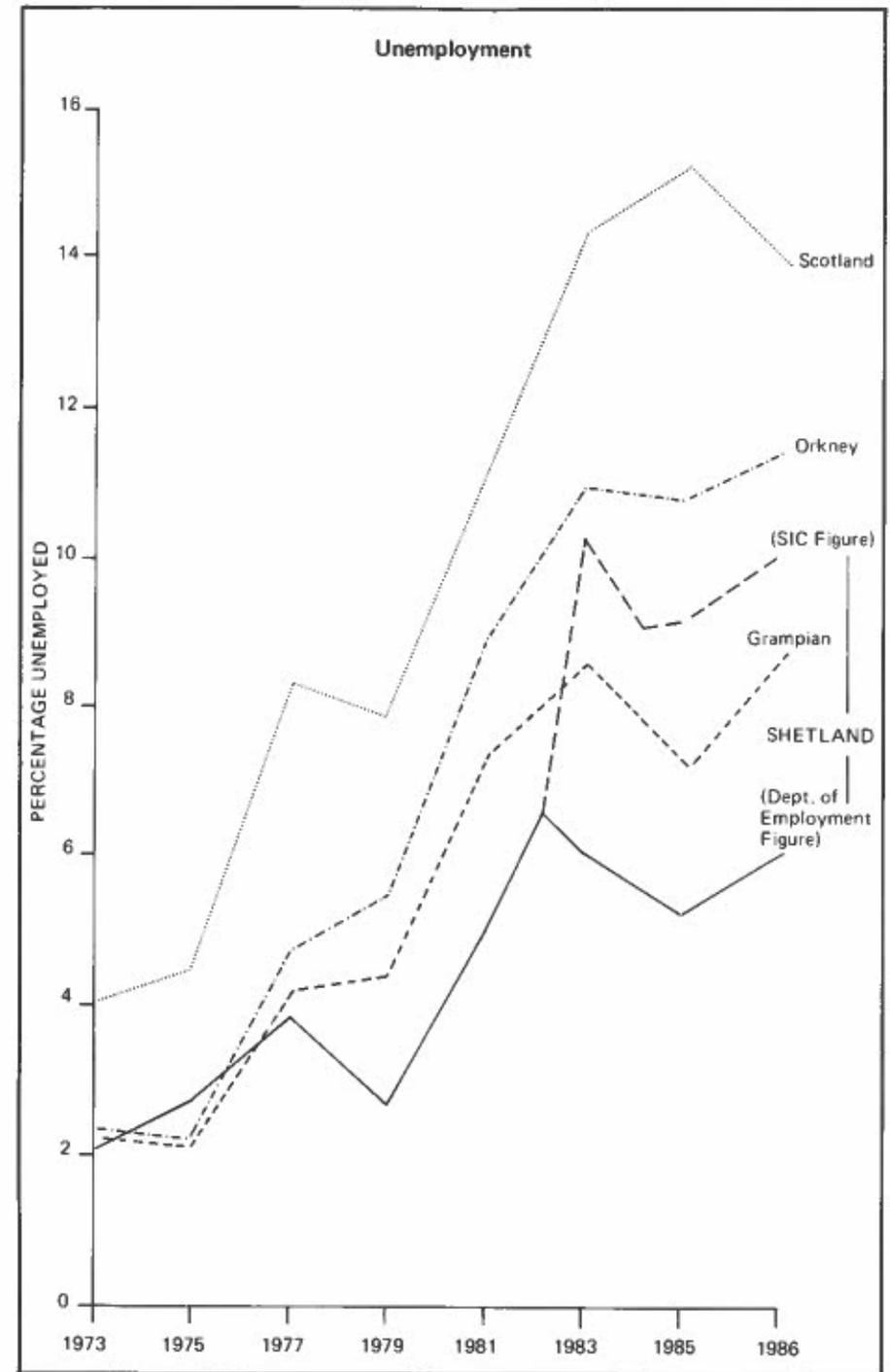
	1980		1982		1983		1984		1985		1986		1987
	Jan	June	Jan	June	Jan	June	Jan	June	Jan	June	Jan	June	Jan
Unemployed	9	34	41	76	58	106	69	115	54	129	49	142	48
On Schemes	5	7	38	36	33	48	43	51	97	90	120	100	127
Total	14	41	79	112	91	154	89	166	151	219	169	242	175

Industrial Output Values (£million)*

	1982/3	1984/5	1985/6	1986/7
Fish Catching	11.2	—	17.0	16.8
Fish Processing	12.7	—	15.0	15.0
Salmon Farming	—	2.3	3.3	5.7
Agriculture	5.8	—	7.8	8.2
Knitwear	4.2	5.1	6.4	—
Tourism	3.5	4.8	5.9	6.9
Total	37.4		55.4	

*Output values for Shetland's oil and oil-related firms are included in the Industrial Section.

§Estimate



Nature Conservancy

Statutory Conservation Sites in Shetland

4 National Nature Reserves (NNR)

Hermaness (Seabird Colony)	980.3 ha.
Keen of Hamar (Serpentine Flora)	51.3 ha.
Haaf Gruney (General Island Interest)	17.8 ha.
Noss (Seabird Colony)	313.0 ha.

36 Sites of Special Scientific Interest (SSSI)

6 Freshwater Sites	381.8 ha.
4 Seabird Colonies	1,971.5 ha.
4 Marsh or Meadow Sites	208.3 ha.
4 Tree sites or Plantations	62.2 ha.
2 Upland Sites	5,716.4 ha.
2 Beach/Sand Dune Sites	201.3 ha.
1 General Island Interest	209.8 ha.
1 Limestone Flora	81.8 ha.
3 Serpentine Heath Sites	2,970.1 ha.
1 Tidal flats	32.0 ha.
5 Geological	1,036.6 ha.
3 Geomorphological	95.2 ha.

Total area covered by statutory nature conservation sites is 14,329.4 Hectares (11,134.1 ha. in 1985), which represents 10.2 (7.9) per cent of the total area of Shetland.

Approximate coverage of each island or island group (1985 figure in brackets where changed):

Papa Stour	100%
Foula	100%
Fair Isle	72%
Fetlar, 4(3) sites	71.9% (51%)
Bressay (Noss), 1 site	11.2%
Unst, 8(6) sites	19.7% (9.0%)
Mainland and associated uninhabited islands, 23(22) sites	6.7% (5.4%)
Yell, 1 site	0.3% (0.2%)

(Figures as at April, 1987)

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

Whimbrel (Peerie Whaup)	95%
Great Skua (Bonxie)	76%
Red-throated Diver (Raingoose)	50-70%
Red-necked Phalarope	70%
Arctic Skua (Aalin)	61%
Arctic Tern (Tirrick)	40%
Fulmar (Maalie)	35%
Black Guillemot (Tystie)	30%
Shag (Scarf)	27%
Gannet (Solan)	16%*
Grey Seal	5%
Common Seal	20%
Otter	Unknown but undoubtedly high

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

*Percentage of Scottish population.

Agriculture

	1971	1976	1981	1985	1986
Land Use: (Figures to nearest hectare)					
Tillage	1,410	1,221	1,062	1,014	973
Grassland & Crops	8,407	8,766	8,400	9,305	9,430
Rough Grazing (including common grazings)	129,019	133,889	133,160	133,514	133,880
Total area rented	38,130	37,271	36,046	35,808	36,008
Total area owned	28,161	29,566	30,368	31,262	31,844
Number of holdings	2,439	2,353	2,240	2,267	2,277
Number of common grazings	93	93	93	97	97

Area Under Crops: (Figures to nearest hectare)

Grass (other than rough grazing)	6,998	7,545	7,338	8,227	8,457
Barley and Oats	857	614	511	415	406
Turnips and Swedes	134	122	103	116	112
Kale and Cabbage	73	48	34	35	33
Potatoes	256	260	232	213	204
Rape	48	27	17	53	44
Other Crops	17	14	25	49	61

Livestock:

Beef Cows and Heifers	2,492	2,600	1,896	2,147	2,251
Dairy Cows and Heifers	791	679	593	766	767
Total Cattle	6,945	6,988	5,103	6,112	6,340
Breeding Ewes and Gimmers	—	—	—	159,073	162,350
Total Sheep	264,779	284,585	297,558	314,533	329,912
Pigs	9	39	83	88	63
Poultry	12,950	10,286	8,672	7,311	6,455
Registered Slaughter Houses	9	9	8	5	5
Sheep Slaughtered	8,417	11,440	9,592	17,117	14,510
Cattle Slaughtered	485	136	278	423	446
Pigs Slaughtered	0	0	0	34	77
Sheep Exported	43,464	49,687	60,542	74,482	84,364
Cattle Exported	1,947	2,660	2,066	1,740	2,198
Ponies Exported	417	618	407	300	344
Pigs Exported	0	0	0	5	3
Wool Production (kilos)	n/a	n/a	c.212,000	c.240,000	c.300,000

(1986 average price of locally graded wool (158,099 kg.), including Government Support element of 21.67p/kilo = 114.22p)

Milk:

Dairy Units	23	22	23	19	19
Milk Production: (Litres)	1,428,975	1,632,150	2,069,550	2,593,143	2,576,847

Employment:

Full and part-time employees	222	210	204	196	203
Full and part-time occupiers	439	509	457	465	468
Others (including occupiers less than ½ time, wives/husbands of occupiers and casual/seasonal labour)	584	787	718	778	799

In addition, there will be some part-time employment on the statistically insignificant holdings (1,240). In 1982 this was estimated to be between 800 and 900.

In 1986-87 the value of Shetland's agricultural output was estimated to be £8.2 million, including subsidies.

Capital Improvement	1976	1981	1985	1986
Land Improvement (figures to the nearest hectare unless stated)				
Reclamation	22	16	38	90
Reseeding			49	109
Regeneration	120	283	704	587
Laying to Permanent Pasture			10	10
Drainage (metres)	18,471	20,864	84,801*	166,944*
Apportionments	183	1,305	1,119*	961**

*The drainage figure includes both ditching and piped drainage. The figure given is calculated from the overall grant paid and is based on approximately 7,000 metres of piped drainage being carried out during the year.

**From 1st January 1986 to 31st December 1986, 78 apportionment applications were received, and 59 apportionments were granted for a total area of 961 hectares.

Grant Aided Capital Investment				
New Silos	8	1	6	8
Fanks and Dippers	4	6	16	10
New Byres	4	2	9	1
GP Sheds	6	10	21	35
Slatted Courts	2	1	3	2
Cubicle Houses	0	2	0	1
New Croft Houses	0	17	20	14
Croft House Improvements ...	n/a	3	10	3

In 1986, Shetland accounted for 26.07% of claims at 23.55% of the total expenditure of the Crofters Commission. Orkney accounted for 12.35% of claims at 12.57% of total expenditure, and Caithness accounted for 14.08% of claims at 21.28% of total expenditure.

Shetland Islands Council Charitable Trust Assistance to Shetland Agriculture

As part of the Shetland Islands Council's 10 Year Agricultural Plan, the Council's Charitable Trust operates an Agricultural Loans Scheme which started in September 1982. The following table summarises the salient features of the 220 agricultural loans approved up to and including the Trust's meeting on 6th January 1987.

Development Projects:

Type of Project	Numbers	Hectares	Metres	Gross Cost
Drainage/Ditching		75.70	364,836	£ 308,554
Fencing		118.50	428,813	£ 781,158
Roads			28,037	£ 170,556
Reseeding		3,519.90		£1,177,941
Buildings				£1,867,384
Machinery				£ 920,976
Livestock: Sheep	9,916			£ 288,431
Cattle	424			£ 202,645
Pigs	7			£ 820
Land Purchased/Assigned		1,593.09		£ 414,170
Loan to NEF to provide Emergency Stockpile of Animal Feedstuffs				£ 32,000
Other (Horticultural & Drystane Dykes)				£ 47,842
Allowance for Inflation				£ 248,685
Total Gross Cost				£6,461,162

Financed by: Grants (from DAFS and HIBD)	£2,470,318
Personal Contributions (a minimum of 15% of the Gross Costs before inflation. This does not apply to the £32,000 Emergency Stockpile)	£ 967,214
Loans from the SIC Charitable Trust	£3,023,630
Balance to Funds	£ 62,370
Scheme Total	£3,086,000

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

Fisheries

Fish landed in Shetland by UK vessels*

	White Fish		Shell Fish		Sand	Eels
	Tonnes	£	Tonnes	£	Tonnes	£
1971	17,954	1,057,691	783	159,370	—	—
1976	13,457	2,587,548	588	202,339	18,548	515,398
1981	11,444	3,212,175	695	328,200	40,731	1,173,560
1982	13,382	4,274,863	847	466,079	45,575	1,349,520
1983	15,076	5,572,603	884	507,466	33,452	1,029,406
1984	13,946	6,518,971	921	560,524	32,579	1,117,646
1985	15,314	8,806,974	642	416,693	17,223	528,129
1986						
Jan	1,102	726,114	23	31,518	—	—
Feb	2,071	1,021,497	66	57,445	—	—
Mar	1,479	809,100	49	52,834	—	—
Apr	1,224	776,423	79	64,468	2,069	62,681
May	3,332	775,042	87	63,886	2,487	71,868
Jun	1,288	563,735	65	62,814	4,771	145,138
Jul	1,175	701,706	74	51,382	686	21,267
Aug	1,748	915,518	59	54,200	870	26,702
Sep	1,812	1,027,637	94	60,519	763	22,382
Oct	1,656	1,046,624	80	59,991	308	8,938
Nov	1,075	857,538	36	42,901	6	186
Dec	979	758,771	24	28,681	—	—
Total	18,941	9,979,705	736	630,639	11,960	359,162

*Excluding pelagic landings.

Included in White Fish Total

	1984		1985		1986	
	Tonnes	£	Tonnes	£	Tonnes	£
Cod	2,414.54	1,403,646	4,159.36	2,640,574	2,382	1,956,727
Haddock	4,468.93	2,295,734	4,102.70	2,503,054	7,260	4,104,819
Whiting	5,982.32	2,344,772	4,797.28	2,287,933	3,811	1,930,022

Average Quay Prices per tonne

	1981 £	1982 £	1983 £	1984 £	1985 £	1986 £
Cod	337.37	404.51	463.15	581.33	634.85	828.42
Haddock	274.25	328.55	383.01	513.70	610.10	565.40
Whiting	270.31	277.98	319.13	391.95	476.92	506.43

Pelagic Landings in Shetland by UK Vessels

	Herring		Mackerel		Horse Mackerel	
	Tonnes	£	Tonnes	£	Tonnes	£
1983	4,656	643,822	—	—	—	—
1984	17,784	2,251,719	49	2,782	488	25,393
1985	31,928	3,804,000	2,710	226,585	1,109	49,886
1986						
Jan	348	34,106	—	—	—	—
Feb	6,382	621,756	—	—	—	—
Mar*	18,549	1,814,769	—	—	—	—
Apr	—	—	—	—	—	—
May	75	10,084	—	—	—	—
Jun	—	—	—	—	—	—
Jul	6,078	653,756	—	—	—	—
Aug	14,839	1,576,698	1	73	—	—
Sep	3,983	419,655	66	8,179	313	31,302
Oct	976	85,882	57	4,964	—	—
Nov	—	—	114	13,122	—	—
Dec	—	—	28	3,220	—	—
Total	51,230	5,216,706	226	29,558	313	31,302

*Includes some Jan/Feb landings.

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

	1983		1984		1985		1986	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
	54,063	7,725,919	65,876	10,490,762	68,966	13,828,680	74,839	15,547,208

Landings by Non-Shetland UK vessels in Shetland

	White Fish	Herring	Mackerel	Horse Mackerel	Total
Tonnes	1,313	41,115	106	58	42,592
£	819,889	4,196,807	16,108	5,816	5,038,620

Weight and Value of Catch by Method

	1984		1985		1986	
	Tonnes	£	Tonnes	£	Tonnes	£
Seine Net	7,410	3,350,606	6,264	3,614,111	6,605	3,990,827
Industrial Trawl	32,676	1,125,289	17,281	533,109	11,963	360,925
Light Trawl	6,378	3,100,170	8,339	4,807,931	9,318	5,738,193
Purse Seine	17,670	2,202,315	34,482	3,946,058	43,952	4,455,263
Motor/Heavy Trawl	87	33,844	27	13,002	238	183,629
Pair Trawl (Demersal)	63	33,844	673	366,361	227	23,153
Pair Trawl — (Pelagic)	672	87,030	1,275	134,401	1,798	177,892
Scallop	—	—	—	—	—	—
Dredging	415	399,507	216	238,900	365	443,280
Queen Scallop	—	—	—	—	—	—
Dredging	309	82,143	141	43,072	96	31,449
Creels	196	79,144	270	131,735	268	134,387
Hand & Small Lines	0.4	80	—	—	3	663
Hand Gathered	—	—	—	—	6	7,547
Foreign Landings	3,433	177,934	10,404	178,424	12,045	1,033,509
Total	69,308	10,668,683	79,370	14,007,104	86,884	16,580,717

Landings by Shetland Vessels outwith Shetland, 1986

	Herring		Mackerel		White Fish	
	Tonnes	£	Tonnes	£	Tonnes	£
Ullapool	1,894	183,124	20,467	2,204,668	—	—
Aberdeen	791	88,111	414	54,773	29	12,445
Lochinver	—	—	—	—	155	239,556
Fraserburgh	141	16,972	75	10,528	—	—
Invergordon	—	—	105	14,734	—	—
Peterhead	—	—	—	—	48	25,465
Denmark	3,885	637,032	11,731	2,066,644	—	—
Total	6,711	925,239	32,792	4,351,347	232	277,465

Total landings by Shetland vessels at all ports in 1986

	In Shetland		Outwith Shetland		Total	
	Tonnes	£	Tonnes	£	Tonnes	£
Herring	10,114	1,019,899	6,711	925,239	16,825	1,945,138
Mackerel*	375	38,936	32,792	4,351,347	33,167	4,390,283
White Fish	17,628	9,159,816	232	277,465	17,860	9,437,281
Shell Fish	736	630,639	—	—	736	630,639
Sand Eels	11,960	359,162	—	—	11,960	359,162
Total	40,813	11,208,452	39,735	5,554,051	80,548	16,762,503

*Including Horse Mackerel.

Distribution of Vessel Type*

	Purse Seiners	Trawlers/ Seiners/ over 50ft	Vessels 35-50ft	Vessels 20-35ft	Total
1971	3	38	36	59	136
1976	5	46	29	57	137
1981	10	43	27	44	124
1982	11	43	29	43	126
1983	11	43	25	46	125
1984	11	43	29	55	138
1985	12	41	29	55	137
1986	10	36	19	48	113

*The 1971-1985 figures were compiled from Harry's Fishing Almanac. The 1986 figures were provided by DAFS and only include full-time commercial fishing vessels.

Distribution of Vessel Type by District 1986

	Purse Seiners	Trawlers/ Seiners/ over 50ft	Vessels 35-50ft	Vessels 20-35ft	Total
South Mainland & Fair Isle	—	—	1	4	5
Lerwick & Bressay	1	4	3	5	13
Whalsay	8	10	3	1	22
Out Skerries	—	2	1	1	4
Yell, Fetlar & Unst	—	1	3	3	7
Northmavine	1	1	1	1	4
West Mainland (inc. Foula)	—	1	1	15	17
Scalloway & the Isles	—	17	6	18	41
Total	10	36	19	48	113

Source: DAFS

Fish Processing

Eleven firms with 14 separate factories are engaged in fish processing in Shetland.

There are 12 white fish processing lines, one herring line, two fish meal plants and two shellfish processing lines.

Turnover was estimated to be £12.7 million in 1982-83* and rose to around £15m in 1985/86. Over 50 per cent of this output is exported abroad. In 1986 Whalsay Fish Processors Limited was given the Queen's Award for Industry in recognition of its exporting achievements.

There is a joint marketing company for the processing industry in the islands, Shetland Seafare, and another company, Shetland Seafood Quality Company, ensures the high standard of the industry's products.

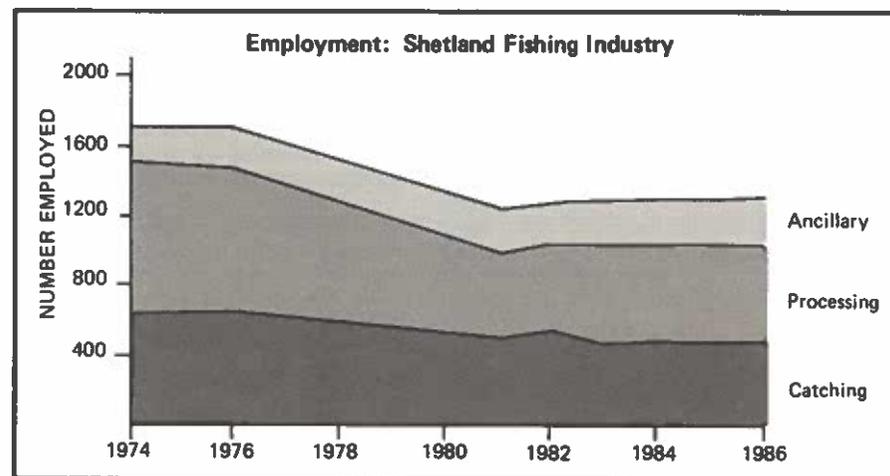
*McNicol, I. H., Survey of the Shetland Economy, 1982-1983.

Scottish Landings by Value, 1986 with 1985 comparisons

	1985 £	1986 £
1 Peterhead	61,209,100	72,512,169
2 Aberdeen	27,132,800	31,543,114
3 Shetland	13,833,700	16,232,285
4 Ullapool	20,338,900	14,630,050
5 Fraserburgh	11,447,100	13,338,579
6 Ayr (1)	10,412,800	10,835,635
7 Mallaig	8,014,600	10,760,000
8 Kinlochbervie	10,549,000	9,780,000
9 Eyemouth	7,311,900	7,063,336
10 Lochinver	5,238,000	6,149,272

(1) Includes Girvan and Kirkcudbright.

Source: Commercial Fishing.



Employment in the Shetland Fishing Industry

	1971	1981	1982	1983	1984	1985	1986
Catching	636	542	572	515	507	503	507
Processing	967	480	469	516	546	542	567
Ancillary	171	243	256	244	253	259	265
Total	1,774	1,265	1,297	1,275	1,306	1,304	1,339

Source: DAFS

Salmon Industry

The salmon farming industry in Shetland has grown rapidly over the past four years and the total value of farmed fish is soon expected to overtake the value of the traditional fishing industry. While most of the salmon produced is exported fresh, an increasing amount is processed within the islands. In 1986 it was estimated the industry had created 55 full-time and 41 part-time jobs.

Farms

	1984	1985	1986	1987*
Farms established	5	14	13	5
Farms producing	4	13	27	40
Total	9	27	40	45

*Estimate

Production

	1984	1985	1986	1987*
Smolts introduced (x1000)	294	575	935	1,221
Production (tonnes)	50	700	1,500	3,000
Average tonnes per farm	3.5	53.8	55.6	75

*Estimate

Value

	1984	1985	1986	1987*
Production (£m)	0.22	2.7	5.68	11.5
Average per tonne (£)	4,400	3,857	3,787	3,833

*Estimate

Oil

Exploration and Development:

- 1970 The exploration phase for oil and gas offshore Shetland began when the first Licence Blocks were allocated by the Government.
- 1971 Exploration activity began with supply and helicopter services established in Shetland to support offshore activities.
- 1975 The development phase. 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 Oil Terminal.
- 1976 The main Brent and Ninian pipelines to the Sullom Voe terminal were completed.
- 1978 The first oil was piped to Sullom Voe through the Brent pipeline from the Dunlin field on 25th November. The first oil was shipped out from the terminal by the Shell tanker 'Donovania' five days later and on 31st December the first oil arrived through the Ninian pipeline from the Heather field.
- 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.
- 1983 The 21st British North Sea oilfield, North West Hutton, was brought on stream in April, adding 38,000 barrels per day to the Brent pipeline system. In July work on spur booms in Sullom Voe was completed giving protection against marine pollution unequalled in Europe. In August the terminal received the first oil from the Magnus field, the most northerly production platform in British waters. The largest cargo, of 307,924 tonnes of oil was lifted by the tanker 'Lepton'.
- 1984 The Beryl B and Deveron fields came on stream. On 16th October the terminal received a record total of 1,482,065 barrels of crude oil in 24 hours. In November the 100th gas tanker and the 3,000th oil or gas tanker arrived at the port.
- 1985 On 7th January a new 23 hour throughput record of 1,503,417 barrels was established and a record 5,184 tonnes (61,085 barrels) of Liquefied Petroleum Gas was processed. The Ninian pipeline system established a new daily production record of 471,579 barrels on the same day. Three days later a new daily production record of 1,037,489 barrels was established by the Brent pipeline system. In May the two billionth barrel of stabilised crude oil was produced at the terminal. The development plan for the terminal was completed in October with the opening of a new administration building.
- 1986 The 100 millionth barrel of crude from the North Cormorant platform was received at Sullom Voe in February. The terminal's new nitrogen plant was fully commissioned in April. In June the terminal established a world record export of gas. The tanker 'Gas Enterprise' took on 10,734 tonnes of propane and 29,293 tonnes of butane.

Oilfields in Production

Name of Field	Date Field on stream	Operator	Average production Jan-Oct 1986*
Beryl A	1976	Mobil	43-73,000
Brent (B)	1976	Shell	320-465,000
Dunlin (B)	1978	Shell	11-46,000
Heather (N)	1978	Union	4-24,000
Ninian (N)	1978	Chevron	159-238,000
Thistle (B)	1978	Britoil	57-67,000
South Cormorant (B)	1979	Shell	36-61,000
UK Statfjord	1979	Conoco	96-131,000
Murchison (B)	1980	Conoco	38-58,000
North Cormorant (B)	1982	Shell	100-117,000
North West Hutton (B)	1983	Amoco	39-51,000
Magnus (N)	1983	BP	78-146,000
Beryl B	1984	Mobil	22-34,000
Deveron (B)	1984	Britoil	6-7,000
Hutton (B)	1985	Conoco	64-85,000

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

*Barrels per day.

Fields Under Development

Name of Field	Operator	Estimated date on stream	Estimated peak production*
Alwyn North	Total	1987	100,000
Eider	Shell/Esso	1989	45,000
Tern	Shell/Esso	1989	55,000

*Barrels per day.

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, 46 km. (29 miles) north of Lerwick. It is Europe's largest oil and liquefied gas terminal and has the capacity to handle over half the UK's potential offshore oil production during the 1980s. BP Petroleum Development Ltd. operates the terminal on behalf of the c. thirty companies participating in the Brent and Ninian pipeline groups. Construction of the facilities began in February 1975 with a peak workforce of over 7,000 in 1980 and final construction and commissioning was completed in December 1982. The Terminal has a throughput design capacity of 1.41 million barrels of crude oil per day (70 million tonnes per year) and reached a peak in 1984 with a total receipt of 439,434,656 barrels (58,328,785 tonnes), an average of over 1.2 million barrels per day.

Brent Pipeline System: throughput of oil

	1979	1981	1984	1985	1986
Barrels	77,552,205	174,504,301	300,769,421	300,530,869	292,048,824
Tonnes	10,367,579	23,116,490	39,806,231	39,796,300	38,692,099

Ninian Pipeline System: throughput of oil

	1979	1981	1984	1985	1986
Barrels	63,665,158	115,735,451	138,665,235	136,207,965	126,477,328
Tonnes	8,555,865	15,545,240	18,522,554	18,190,078	16,875,047

Sullom Voe terminal: total throughput of oil

	1979	1981	1984	1985	1986
Barrels	141,217,363	290,239,752	439,434,656	436,738,834	418,526,152
Tonnes	18,923,444	38,661,730	58,328,785	57,986,378	55,567,146

Sullom Voe terminal: average barrels per day

	1979	1981	1984	1985	1986
Brent system	212,472	478,094	821,774	823,372	800,134
Ninian system	174,425	317,083	378,867	373,173	346,513
Total	386,897	795,177	1,200,641	1,193,805	1,146,647

Brent pipeline system: throughput of gas (tons)

	1982	1983	1984	1985	1986
Propane	174,889	350,552	492,419	488,713	476,742
Butane	128,624	274,298	371,195	368,347	375,641

Ninian pipeline system: throughput of gas (tons)

	1982	1983	1984	1985	1986
Propane	176,805	350,258	394,007	388,602	346,478
Butane	115,072	236,644	278,638	281,990	254,621

Sullom Voe terminal: total throughput of gas (tons)

	1982	1983	1984	1985	1986
Propane	351,694	700,810	886,426	877,727	823,220
Butane	243,696	510,942	649,833	650,337	630,262

Sullom Voe harbour: total tankers using port

	1979	1980	1981	1982	1983	1984	1985	1986
Oil	270	341	432	536	586	672	672	654
Gas	—	—	—	55	111	124	114	112

Notes:

- In some cases the figures for the Brent and Ninian Pipeline Systems and for the Tanker Operations for the years prior to 1983 differ from those published in Shetland in Statistics No. 12. The preceding tables were provided by BP Petroleum Development Ltd. in February 1986, and should be regarded as the more definitive statement.
- Conversions for Crude Oil (approximate):
 - 1 American Barrel = 159 litres
 - Crude Oil has a Specific Gravity which varies between 0.80 and 0.97. At an S.G. of 0.80 there are approximately 8 barrels to the tonne, and approximately 6.6 barrels to the tonne at an S.G. of 0.97.

Permanent Terminal Workforce

	1981	% local	1982	% local	1983	% local
SIC Ports & Harbours	92	(63)	90	(74)	91	(76)
Shetland Towing	86	(88)	92	(85)	93	(85)
BP	407	(48)	406	(50)	414	(54)
Sub-contractors	338	(41)	460	(37)	642	(46)
Total Employees	921	(50)	1,048	(49)	1,240	(54)

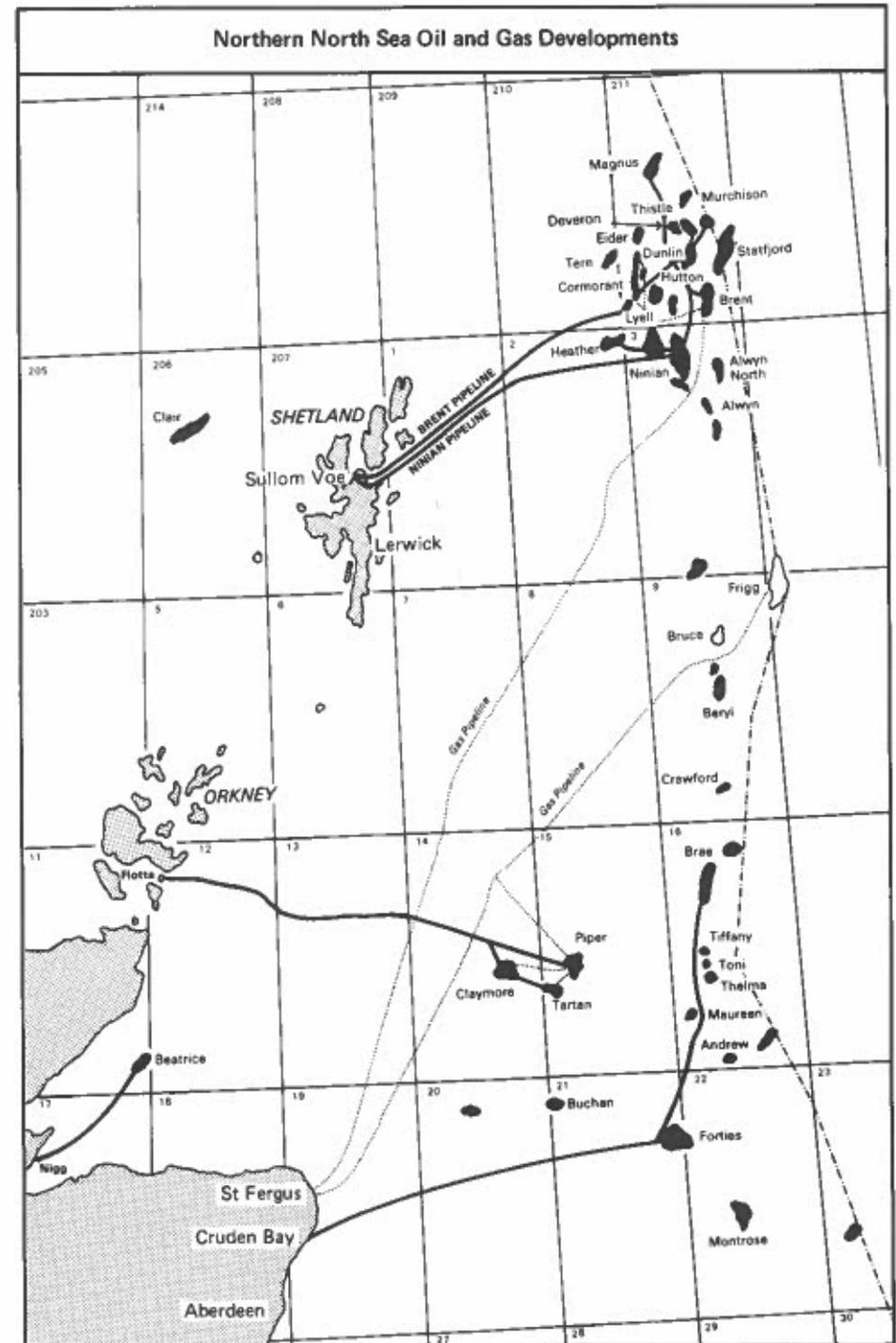
	1984	% local	1985	% local	1986	% local	1987
SIC Ports & Harbours	96	(71)	99	(72)	99	(72)	96
Shetland Towing	91	(93)	92	(93)	92	(93)	92
BP	413	(54)	414	(56)	583	(59)	583
Sub-contractors	618	(54)	475	(62)	223	(68)	211
Total Employees	1,218	(58)	1,080	(63)	997	(73)	982

Source: Joint Employment Monitoring Group; BP: Shetland Towing; SIC Ports & Harbours Department.

Marine Service Bases in Lerwick

Base	Acres in Hectares (Acres)	Berths Operational
BP Petroleum Development Ltd.	1.91 (4.25)	2
OIL (Shetland) Ltd. (Greenhead Base)	16.20 (40.00)	9
OIL (Shetland) Ltd. (Point of Scatlund Base)	5.67 (14.00) + 5 hectares (12 acres) on option for open storage	3
Shell UK Exploration & Production Ltd.	4.05 (10.00)	2

Berthage for supply vessels is available at Scalloway, Sandwick and Baltasound harbours.



Marine Service Employment (Mid Year estimates)

1972	1976	1981	1982	1983	1984	1985	1986		1987
							March	Sept	March
21	185	391	327	316	271	295	318	259	230

Source Joint Employment Monitoring Group
SIC Survey

Output Values

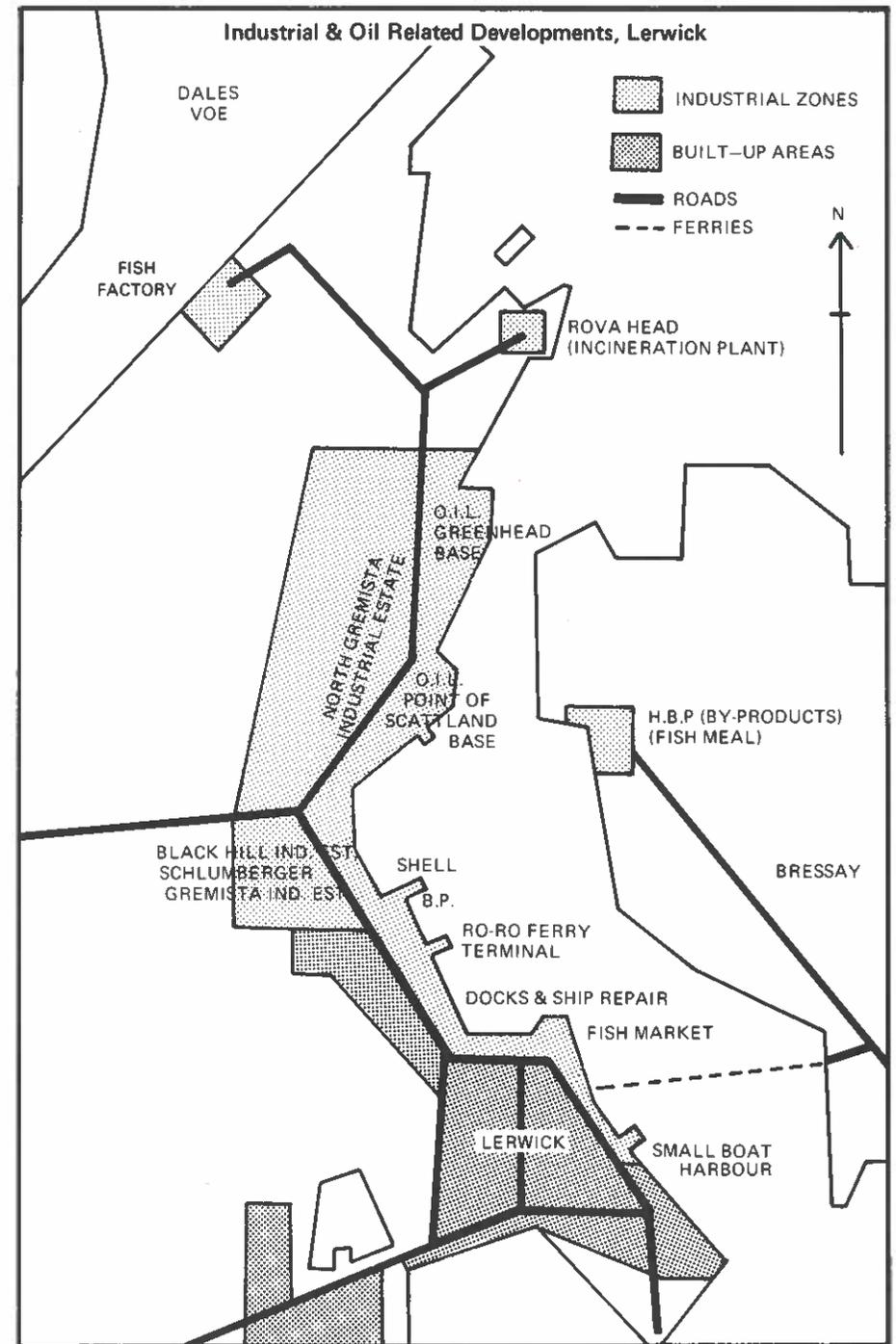
Total Operating Receipts of Shetland oil firms were around £155.5 million in 1982/83. This figure does not include the value of crude oil passing through Sullom Voe, nor the value of equipment and materials transhipped offshore. A high proportion of the revenue was spent on imports or remitted outwith the islands in the form of wages, profit, interest, etc. In 1985/86 the estimated figure for total operating receipts was around £173.5 million.

World Wide Crude Oil Production 1986

Country	'000 tonnes	% of World Total Production
1. (1) USSR	619,212	21.9
2. (2) USA	515,085	18.2
3. (3) Saudi Arabia	252,089	8.9
4. (4) Mexico	137,486	4.9
5. (5) China	131,507	4.7
6. UK	130,100	4.6*
7. (6) Iran	93,555	3.3
8. (7) Canada	89,896	3.2
9. (8) Venezuela	86,545	3.1
10. (9) Iraq	84,384	3.0
(10) UK excluding Shetland	74,533	2.6*
11. (11) Nigeria	73,173	2.6
12. (12) Kuwait	70,800	2.5
13. (13) Indonesia	67,416	2.4
(14) Shetland	55,567	2.0*
14. (15) Libya	51,685	1.8

Source: Petroleum Economist.

*Shetland Production Figures are included in the UK figures. The placing in parentheses (14) above and (5) (below) shows Shetland's "World League Position" if separate figures are used for Shetland and the UK excluding Shetland.



World Wide Offshore Crude Oil Production (1985)

Country	'000 tonnes	% of World Total Offshore Production
1. UK	128,500	17.0*
2. (1) Saudi Arabia	85,100	11.2
3. (2) Mexico	75,300	10.0
(3) UK excluding Shetland	70,500	9.3*
4. (4) USA	62,500	8.3
(5) Shetland	58,000	7.7*
5. (6) Venezuela	47,000	6.3
6. (7) Norway	37,800	5.0
7. (8) Egypt	37,200	4.9
8. (9) India	30,700	4.1
9. (10) Iran	30,500	4.0
10. (11) Indonesia	24,100	3.2
11. (12) Australia	23,700	3.1
12. (13) Nigeria	20,800	2.8
13. (14) Brazil	18,800	2.5
14. (15) Dubai	16,100	2.1

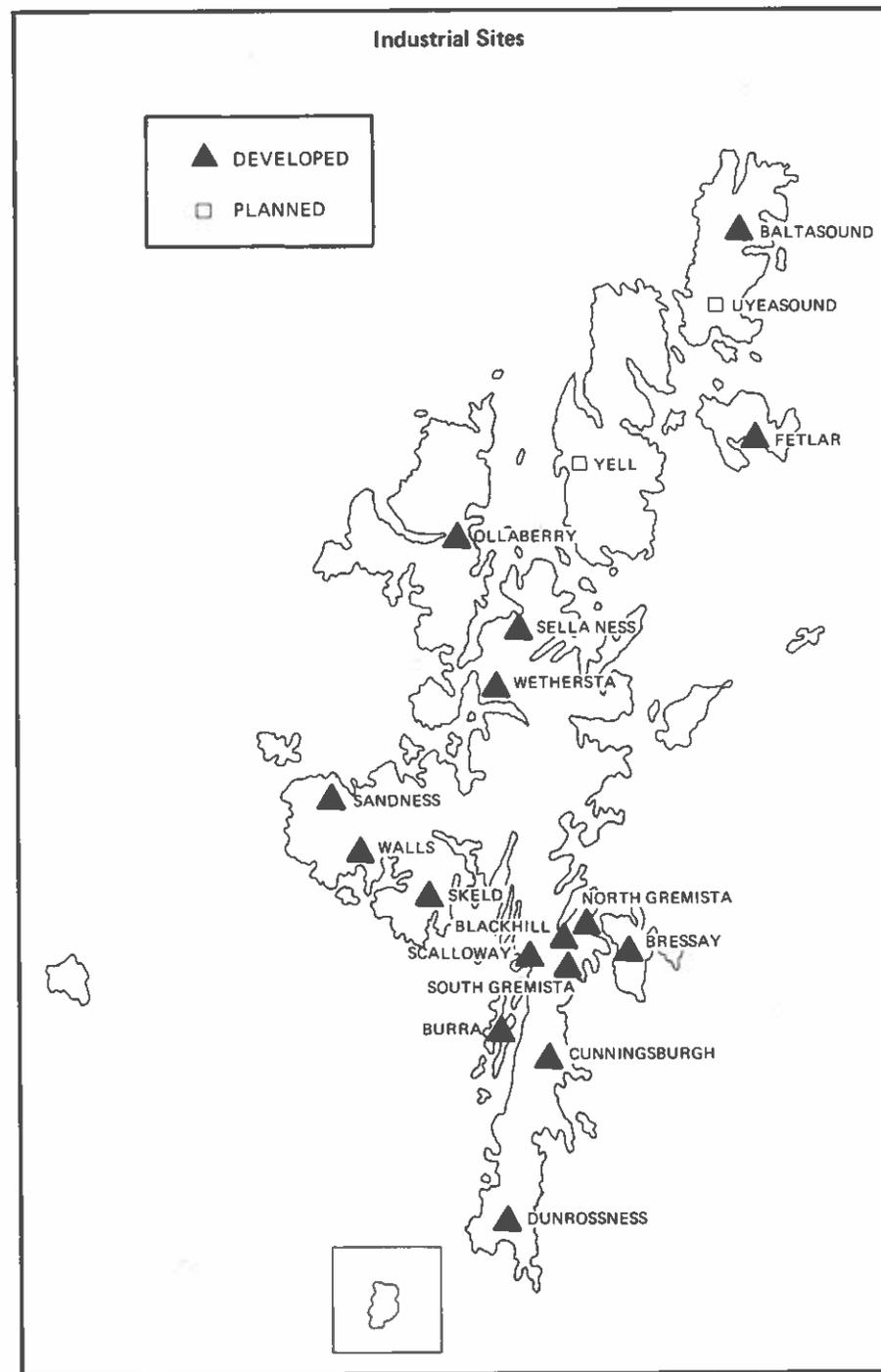
Source: 'Offshore', Penn Well Books, Richmond, Surrey

Industrial Sites

Sixteen serviced sites and estates have been developed in Shetland, and two more are planned for future years.

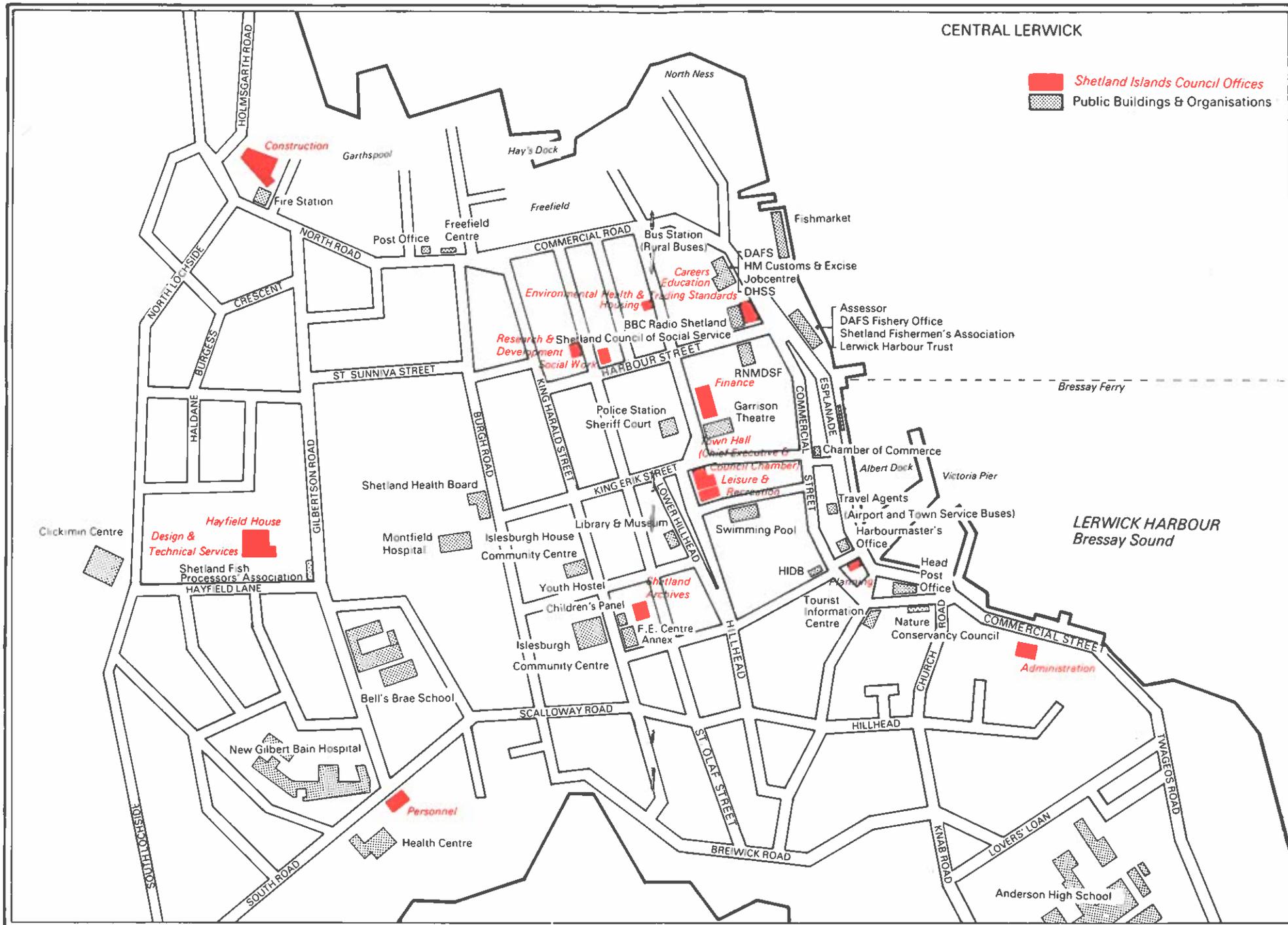
Industrial Site	Owner	Area in hectares (acres)
Developed:		
Baltasound	HIDB	0.90 (2.24)
Black Hill, Lerwick	LHT/BP	1.86 (4.60)
Bressay	SIC	0.30 (0.74)
Burra	SIC	1.00 (2.47)
Cunningsburgh	SIC	1.05 (2.60)
Dunrossness	SIC	0.90 (2.24)
Fetlar	SIC	0.42 (1.03)
North Gremista, Lerwick	SIC	2.55 (6.30)
Ollaberry	SIC	1.13 (2.80)
Scalloway	SIC	1.61 (3.98)
Skeld	SIC	0.88 (2.17)
South Gremista, Lerwick	SIC/HIDB	5.45 (13.47)
Sandness	SIC	0.60 (1.48)
Sella Ness	SIC/HIDB	8.87 (21.91)
Walls	SIC	0.60 (1.48)
Wethersta	SIC	0.31 (0.77)
Planned:		
Uyeasound	SIC	0.34 (0.84)
Yell	SIC	0.52 (1.28)

SIC Shetland Islands Council
 HIDB Highlands and Islands Development Board
 BP BP Petroleum Development Ltd.
 LHT Lerwick Harbour Trust



CENTRAL LERWICK

-  Shetland Islands Council Offices
-  Public Buildings & Organisations



Knitwear

The knitwear industry in Shetland consists of approximately 50 separate businesses. The size of the operation varies from small businesses with a turnover of less than £5,000 per annum to substantial concerns with a turnover in excess of £500,000 per annum. It is estimated that in the region of 450,000 garments are produced each year, worth about £6.4 million at producers' prices during 1985/86. Products include classic Fair Isle yoked garments; allover Fair Isle jumpers or 'gansies'; lace knitted scarves, stoles, and shawls; cardigans, mittens, gloves, hats and scarves in Fair Isle patterns; and modern plain, striped and fashion patterns.

Employment

	Employees			Self Employed			Home Knitters
	Full Time	Part Time	Total	Full Time	Part Time	Total	
1971	234	111	345				2,268
1977	155	71	226				2,098
1980			134				1,232
1981			131				1,200
1982			136			57	1,800
1983	111	52	163	30	43	73	1,800
1985	112	51	163	47	16	63	*

*No accurate figures are available for 1985 or 1986, but it was estimated to be c.2,000

Markets

Nearly 50% of the garments made are directly exported throughout the world from Shetland. Of the remaining garments, about 40% go to the UK market. Many which are sold to London retailers and wholesalers are exported, and about 10% are sold locally. The major marketing problem is the plagiarism of the word 'Shetland' by knitwear manufacturers all over the world. Many millions more garments labelled 'Shetland' are turned out than are produced in the islands or could be accounted for by the production of wool from native sheep. Wool production for 1986 was about 300,000 kilos. A number of Shetland knitwear manufacturers banded together in 1983 to form the Shetland Knitwear Trades Association in order to promote 'Real' Shetland knitwear. A new certification trade mark was applied for (The Shetland Lady) and this forms the cornerstone of the Association's marketing campaign.

Crafts

Shetland has a long tradition of producing high quality craft goods. The main products apart from knitwear include tweed, sheepskins, jewellery (using local stone and designs), silverwork, pottery, leatherwork, woodwork, fiddle-making, tapestry, printed goods and cast figurines. There are also a number of local artists and photographers and approximately 40 people are employed in the printing industry. While the total number of people employed in craft work is not high, many of the businesses are located outside Lerwick and provide a valuable source of income in the rural areas. The value of output (sales) in 1986 was estimated to be c.£600,000. Many of the craft businesses are represented at craft and trade fairs on the mainland.

Tourism

Accommodation capacity available to Shetland Tourist Organisation by bed spaces:

Type of Accommodation	1982	1983	1984	1985	1986
Lerwick Hotels	227	244	374	366	272
Country Hotels	350	347	323	346	310
Lerwick Guest Houses*	—	—	33	41	29
Country Guest Houses*	—	—	86	86	124
Lerwick B&Bs	108	78	61	75	71
Country B&Bs	234	131	52	119	107
Self Catering, Cottages, etc.	247	250	265	342	285
Caravans	115	46	21	30	39
Hostels	56	76	76	140	146
Camp Sites**	—	—	—	89	117
Total	1,337	1,174	1,291	1,634	1,600

*New category, introduced 1984.

**New category, introduced 1985.

Employment

	1978	1981	1983	1986
Hotels & Guest Houses	161	233	292	280
B&B Accommodation*	—	—	40	40
Self Catering, Cottages, etc.	—	—	63	64
Total	—	—	395	384

*Mostly Part-Time Employment

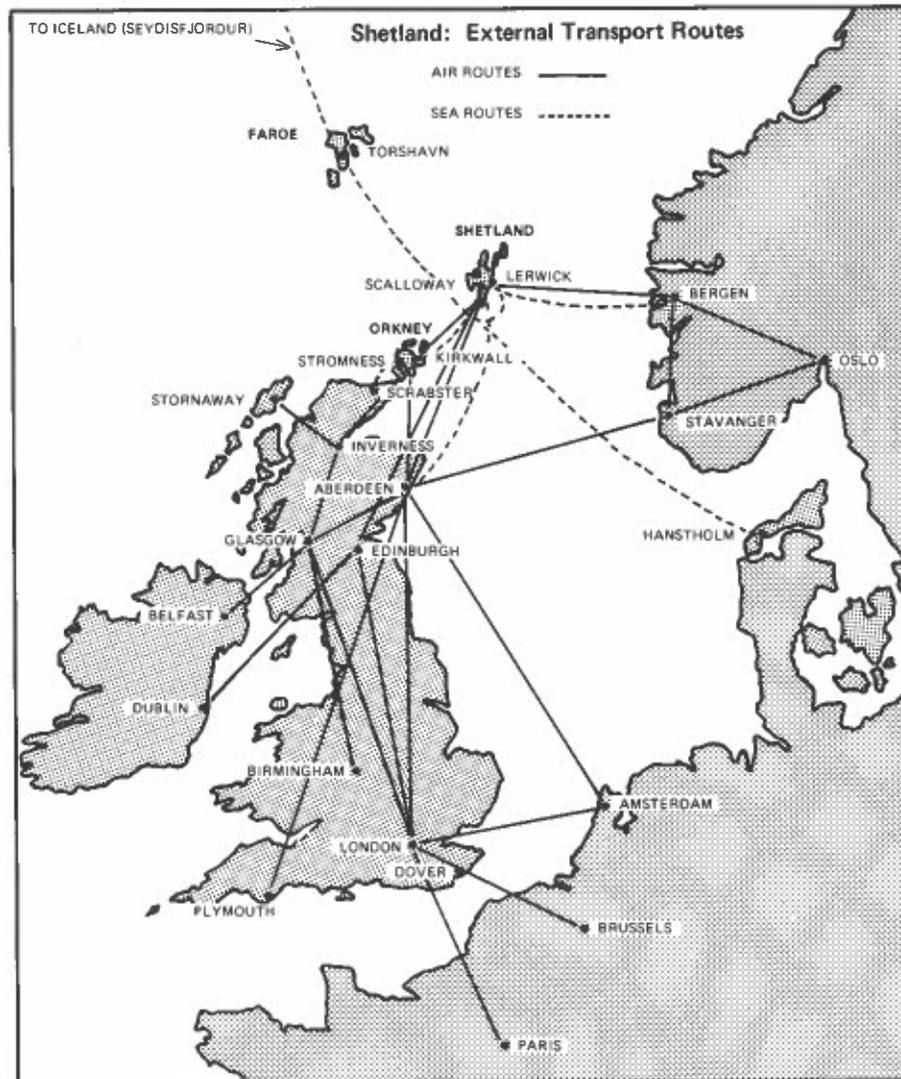
Origin of Visitors (percentage)

Scotland	28	Norway/Sweden	5
		Denmark/Faroes	2
England:		Other Europe	8
North & North West	8	USA	3
Yorks & Humberside	6	Canada	2
Midlands	6	Australia/New Zealand	3
East Anglia	2	Other Non-European	3
South West	6		
South East	17		
(Total for England = 45)			
Wales	1		
Northern Ireland	—		

Source: Visitor Survey 1984.

Percentage Bed Occupancy Rate by Accommodation Category

Seasonal average (7 months)	1981	1982	1983	1984	1986
Hotels & Guest Houses	29	39	48	55	67
Self Catering, Cottages, etc.	94	91	40	61	65
Bed & Breakfast	—	75	54	54	57
Hostels	—	80	50	50	50
Caravans	—	80	50	50	50



Number of Visitors on Package Holidays

Duration	1982	1983	1984	1985	1986
Seven Days	276	881	1,846	1,067	2,017
Midweek	1,085	858	1,170	952	1,866

Source: Shetland Tourist Organisation

P&O Ferries Mini-Cruise Passengers

1981	1982	1983	1984	1985	1986
3,964	2,389	2,108	3,492	1,897	1,768

Cruise Liner Passengers

1981	1982	1983	1984	1985	1986
3,564	4,900	3,820	5,399	5,790	6,279

Total Visitor Expenditure in Shetland

1982	1983	1984	1985	1986
£3.6 million*	£4.1 million§	£4.8 million§	£5.9 million§	£6.9 million§

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

Source: *McNicol, I. H., Survey of the Shetland Economy, 1982-1983.
§Shetland Island Council Estimate.

Membership of Shetland Tourist Organisation

	1979	1980	1981	1982	1983	1984	1985	1986
Hotels	15	17	16	19	18	18	19	16
Guest House B&B	66	60	64	66	46	48	68	62
Self-catering	37	35	36	30	27	28	46	47
Hostels	4	5	4	3	2	3	4	5
Business & Trade	118	130	120	113	101	97	106	94
Camp Sites	—	—	—	—	—	—	4	5
Total	240	247	240	231	194	194	247	229

Transport

Internal Air and Sea Transport

Location	Type of Transport	Type of Service	Surface Type and Dimensions of Airstrip
Unst	Air	S	Bituminous (640 x 28m)
Yell	SIC Vehicle Ferry	S	
Fetlar	Air	S	Soft Gravel (457 x 18m)
Skerries	Air	C	Grass (381 x 18m)
Whalsay	SIC Vehicle Ferry	S	
Whalsay	Air	S	Rolled Gravel (Firm) (457 x 18m)
Scatsta	SIC Vehicle Ferry	S	
Scatsta	Air	S	Bituminous (960 x 23m)
Bressay	SIC Vehicle Ferry	S	
Tingwall	Air	S&C	Bituminous (740 x 18m)
Sumburgh	Air	C	Tarmac (1,084 x 46m) Tarmac (1,426 x 46m) Tarmac (550 x 45m) Rolled Gravel (Firm) (457 x 18m)
Fair Isle	Air	S	
Fair Isle	Ferry	S	
Papa Stour	SIC Ferry	S&C	
Foula	Air	C	Soft Gravel (457 x 18m)
Foula	Ferry	S	

S = Scheduled C = Charter All internal air services are operated by Loganair Ltd.

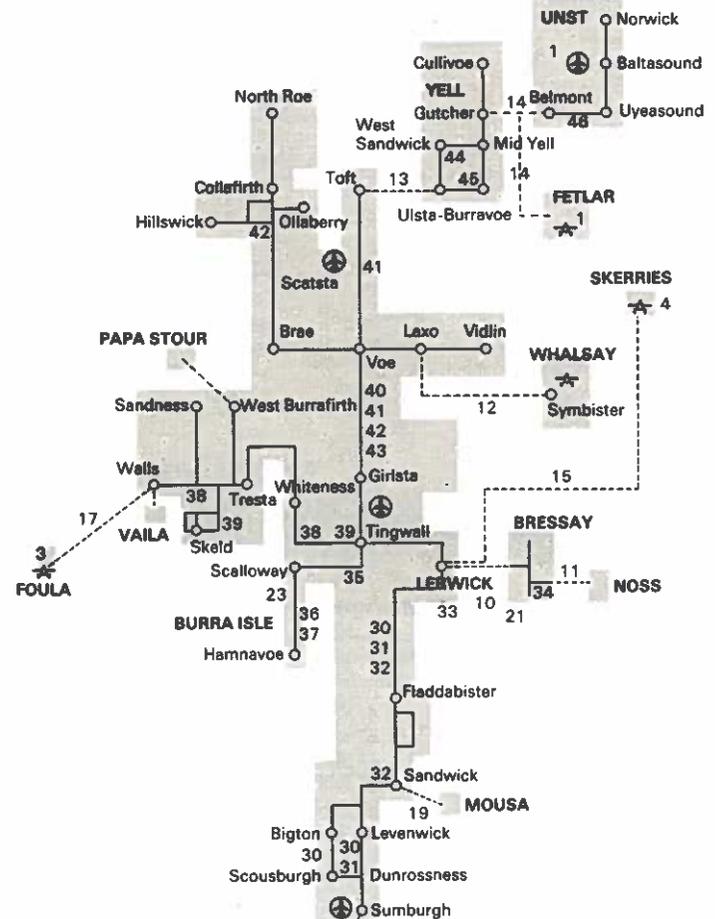
Bus Services

Route	Operator
Lerwick to: Sumburgh, Sumburgh Airport Sandwick Brae/Hillswick/North Roe/Mossbank Weisdale - Skeld; Weisdale - Walls	A. Eunson; J. Leask & Son Sandwick Transport Co. Ltd. Bolt's Coaches
Voe - Toft (for Yell, Unst and Fetlar) Laxo (for Whalsay) Scalloway, Burra	J. Watt & Son; Shalder Coaches Ltd. J. Leask & Son J. Leask & Son Shalder Coaches Ltd.
Lerwick Town Services: Yell: Unst:	Sound to North Staney Hill via Town Centre & Lochside & return . Ulsta - Gutcher - Cullivoe Ulsta - Mid Yell - West Sandwick . . Belmont - Saxa Vord/Baltasound .
	J. Leask & Son R. Jamieson A. Williamson P. Y. Mills

Present Schedule of County Highways

Principal Roads	225.60 km (141.00 miles)
Non-principal Roads	154.70 km (96.69 miles)
Unclassified Roads	503.40 km (314.63 miles)
Total	883.70 km (549.12 miles)

Shetland: Internal Transport



KEY:
 Airports
 Airstrips
 - - - - - Inter-Island Ferry Routes
 ——— Public Transport Service Routes

The numbers beside the routes refer to the route markings. Full details of public transport in Shetland are contained in the "Inter-Shetland Transport Timetable" available from the Shetland Tourist Organisation, Market Cross, Lerwick.

Inter Island Ferries

Shetland Islands Council Ferry Traffic: Passengers

Ferry Route	1982	1983	1984	1985	1986
Yell	93,704	71,192	59,160	82,557	96,364
Unst/Fetlar	41,089	39,669	31,952	51,331	40,605
Bressay	109,279	104,342	121,607	100,890	96,849
Whalsay	44,617	40,985	41,578	43,021	45,888

Vehicles

Ferry Route	1982	1983	1984	1985	1986
Yell	55,326	57,134	58,606	59,680	65,264
Unst/Fetlar	29,175	28,527	30,898	33,387	28,202
Bressay	29,911	30,381	32,647	29,954	31,958
Whalsay	21,048	25,897	27,382	30,740	31,660

External Ferries

P&O Ferries Services: Passengers and Accompanied Cars

	Passenger Journeys	Accompanied Car Journeys
1977	41,488	5,164
1980	57,440	8,628
1981	52,531	8,398
1982	53,546	8,328
1983	57,365	8,542
1984	59,520	8,983
1985	64,839	9,504
1986		
January	2,487	358
February	1,498	256
March	3,762	525
April	3,927	614
May	5,292	776
June	8,002	1,147
July	11,480	1,817
August	10,660	1,696
September	6,281	853
October	4,749	806
November	2,344	451
December	2,841	489
Total	63,323	9,788

Note: Each passenger and car journey is counted as one way (Aberdeen to Lerwick or Lerwick to Aberdeen).

Smyril Line Service: Passengers and Vehicles*

	Passengers			Vehicles		
	1984	1985	1986	1984	1985	1986
May/June	999	1,483	1,350	107	101	158
July	1,873	2,280	1,954	230	236	316
August/September	2,090	2,009	2,368	207	194	276
Total	4,962	5,772	5,662	544	531	750

*Total embarking and disembarking.

Freight on P&O Ferries Services*

	1982	1983	1984	1985	1986
Commercial Vehicles	24,077	18,157	16,624	18,814	14,368
Commercial Trailers	38,055	34,627	34,232	29,573	25,745
Unaccompanied Cars	4,534	5,218	4,575	4,687	4,512

*Running metres

Shipping in Lerwick Harbour

	1971	1981	1983	1984	1985	1986
General	316	418	451	586	639	625
HM Ships	41	62	60	40	48	31
Oil	51	140	106	134	135	105
Oil Rig Tenders	79	1,556	1,300	1,344	1,277	1,033
Other Vessels	448	480	582	530	710	658
British Fishing	1,440	677	722	1,068	1,302	1,762
Foreign Fishing	1,580	246	329	266	195	509
Yachts	n/a	112	181	181	242	203
Total All Shipping	3,955	3,579	3,550	3,968	4,306	4,723

Foreign Fishing Vessels

	1971	1981	1983	1984	1985	1986
Bulgaria	—	—	—	—	6	3
Chile	—	—	—	1	—	—
Denmark	374	117	115	103	65	82
Faroe	242	14	21	9	8	3
France	16	13	22	28	16	13
Germany (West)	3	1	—	—	8	5
Germany (East)	—	—	18	19	11	9
Iceland	215	2	—	—	3	9
Ireland	—	—	—	—	—	18
Netherlands	12	—	8	7	8	16
Norway	551	96	143	87	66	306
Poland	1	2	—	1	—	—
Portugal	—	—	—	1	1	1
Sweden	100	1	1	2	—	5
USSR	60	—	1	8	3	39
Total	1,554	246	329	266	195	509

Total Tonnage Handled in Lerwick Harbour

(weight of containers excluded)

	1971	1981	1983	1984	1985	1986
General Cargo Imports	45,760	200,077	271,197	258,718	235,041	207,502
General Cargo Exports	48,849	57,471	47,959	53,174	49,578	46,322
Oil-Related Imports	342	288,999	220,971	235,465	300,314	235,456
Oil-Related Exports	—	421,807	458,575	436,419	486,059	362,374
Total	94,951	968,354	998,702	983,776	1,070,992	851,654

Lerwick Harbour Trust Revenue

	1971	1981	1983	1984	1985	1986
	£49,000	£2,100,000	£2,600,000	£2,727,000	£3,062,000	£3,451,000

Total Tonnage Handled in Scalloway Harbour

(weight of containers excluded)

Imports	1983	1984	1985	1986
Fish	125	92	449	267
Salmon Feed	18	218	552	907
Miscellaneous Cargo	440	430	1,109	1,384
Bulk Tar	2,031	2,129	1,046	2,479
Total	2,614	2,869	3,156	5,037

Total Tonnage Handled in Scalloway Harbour

(weight of containers excluded)

Exports	1983	1984	1985	1986
Frozen Fish	3,857	1,840	2,903	2,663
Offal	8,882	3,441	6,037	7,563
Salmon	—	23	40	221
Sandeel	—	4,170	5,084	5,492
Miscellaneous cargo	410	94	262	181
Total	13,149	9,568	14,326	16,120

UK Port Traffic 1985

Port	'000 tonnes*	% UK Total Traffic
1. Sullom Voe	59,000	13.2
2. London	51,700	11.6
3. Milford Haven	32,500	7.3
4. Tees & Hartlepool	30,600	6.9
5. Grimsby & Immingham	29,100	6.6
6. Forth	29,000	6.5
7. Southampton	25,200	5.6
8. Orkney	16,100	3.6
9. Liverpool	10,400	2.3
10. Medway	10,300	2.3

*Source: British Ports Association.

Air Services

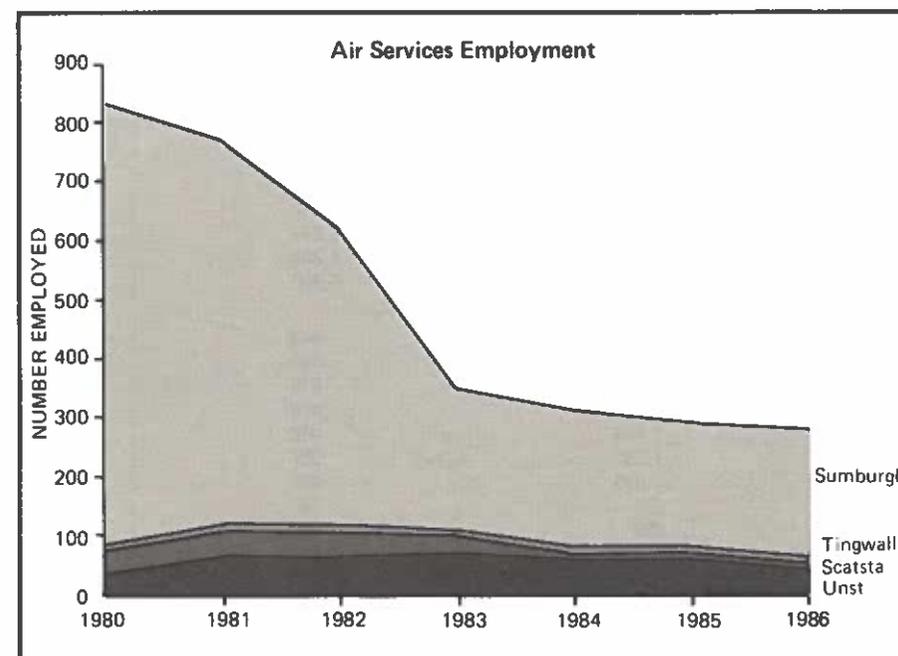
Total aircraft traffic at Sumburgh, Scatsta, Unst and Tingwall*

	1981	1982	1983	1984	1985	1986
Aircraft Movements	52,863	39,144	28,266	31,666	29,664	29,457
Passengers	784,545	546,485	378,408	384,465	369,434	367,053

*Includes all passengers on scheduled services

Employment

	1980	1981	1982	1983	1984	1985	1986	1987 (Mar)
Sumburgh	748	650	501	238	232	209	206	217
Tingwall	6	12	10	10	10	10	10	12
Scatsta	42	42	41	28	12	9	10	10
Unst	37	68	69	72	61	66	66	44
Total	833	772	621	348	315	294	292	283



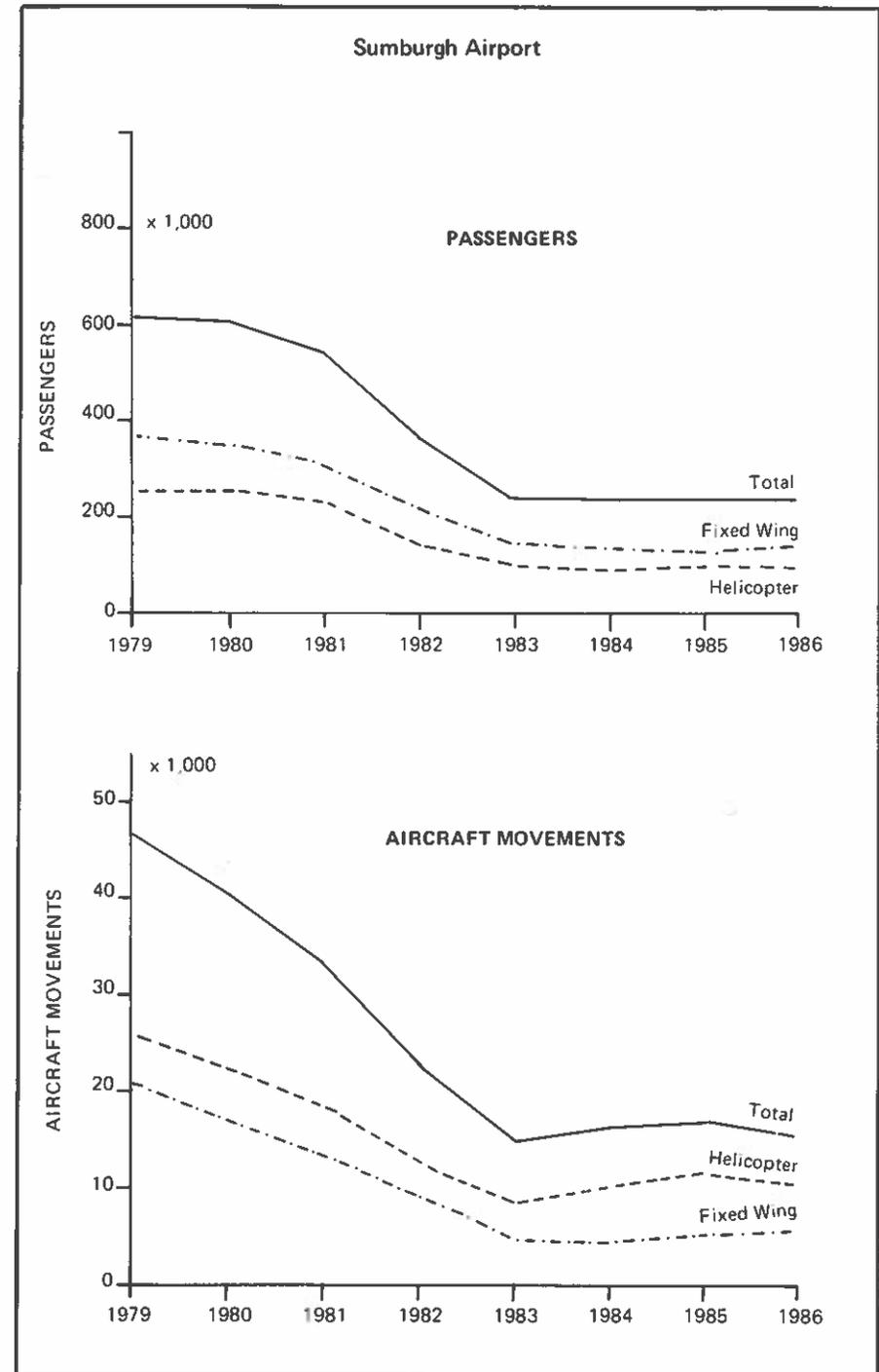
Sumburgh Airport Traffic: Passengers and Freight

	Total Passengers	Fixed Wing Scheduled Passengers	Charter Passengers & Others	Helicopter Passengers	Freight (kgs)
1979	622,446	89,324*	279,908	253,214	3,274,754
1980	609,169	82,879*	269,480	256,810	3,801,467
1981	541,761	76,853	232,389	232,519	3,487,834
1982	367,307	70,543	141,871	154,893	2,176,402
1983	247,678	61,326	84,162	102,190	1,481,389
1984	235,693	58,550	80,052	97,091	1,709,011
1985	239,159	60,724	75,401	103,034	1,599,378
1986					
January	20,618	3,618	6,608	10,092	124,993
February	17,982	4,377	5,769	7,836	122,565
March	19,713	5,197	5,946	8,570	117,790
April	20,129	4,897	6,339	8,893	125,395
May	19,690	5,292	6,098	8,300	125,482
June	18,740	6,116	5,849	6,775	120,092
July	20,033	6,910	6,079	7,044	103,201
August	18,659	6,725	5,652	6,282	94,832
September	17,334	5,423	5,418	6,493	107,096
October	18,957	5,445	8,812	7,700	111,199
November	21,724	4,729	7,937	9,058	130,642
December	26,165	4,171	10,298	11,696	125,997
1986 Total	239,744	63,200	77,805	98,739	1,409,284

*Fixed Wing. Scheduled passengers 1976-80 include external and internal flights. Internal flights now operate through Tingwall Airport.

Sumburgh Airport: Aircraft Movements

	Total	Fixed Wing	Helicopter
1979	47,771	21,737	26,034
1980	41,307	17,602	23,705
1981	34,188	14,361	19,827
1982	23,412	10,070	13,342
1983	15,255	5,948	9,277
1984	16,805	5,806	10,989
1985	17,004	5,480	11,524
1986			
January	1,585	449	1,136
February	1,354	422	932
March	1,333	415	918
April	1,394	435	959
May	1,446	446	1,000
June	1,382	557	825
July	1,076	476	600
August	971	441	530
September	987	433	554
October	1,094	463	631
November	1,671	556	1,115
December	1,675	528	1,147
1986 Total	15,968	5,621	10,347



Scatsta Airport Traffic

	1981	1982	1983	1984	1985	1986
Passengers	109,063	52,917	11,823	14,313	14,938	13,157
Aircraft Movements	5,758	3,933	2,556	2,593	2,548	2,232

Tingwall Airport Traffic

	1981	1982	1983	1984	1985	1986
Passengers	12,180	13,558	14,575	14,925	14,364	13,368
Aircraft Movements	2,815	2,966	3,291	3,322	3,344	3,333

Unst Airport Traffic: Passengers

	1981	1982	1983	1984	1985	1986
Fixed Wing	53,113	50,006	52,147	54,110	50,104	44,856
Helicopter	67,451	62,697	52,212	61,799	50,869	52,282
Total	120,564	112,703	104,359	115,909	100,973	97,138

Aircraft Movements

	1981	1982	1983	1984	1985	1986
Fixed Wing	4,206	2,486	2,400	2,338	2,158	2,052
Helicopter	5,834	6,347	4,764	5,426	4,610	6,540
Total	10,040	8,833	7,164	7,764	6,768	8,592

Small Airfield Traffic: Passengers

Airfield	1981	1982	1983	1984	1985	1986
Fair Isle	8415	1,179	1,118	1,704	1,596	1,822
Fetlar	57	46	109	50	52	60*
Foula	1,175	1,081	1,052	1,228	1,276	1,100*
Skerries	271	330	520	603	554	624
Whalsay*	80	90	80	90	100	100

Aircraft Movements

Airfield	1981	1982	1983	1984	1985	1986
Fair Isle	238	434	408	478	426	480
Fetlar	52	56	53	44	38	40*
Foula	310	288	290	364	344	304
Skerries	138	186	300	264	154	302
Whalsay	78	96	70	76	72	70

*Estimate

§Includes scheduled passengers only

Social Provision & Services

Cost of Living

Indices	Nov 82	Nov 84*	Nov 85	Jun 86
Shetland: Lerwick	112.0	99.5	108.9	107.9
Remote	119.4	110.2	116.4	114.5
Village A	118.3	115.0	114.2	113.4
B	116.9	117.6	118.1	116.2
C	119.8	117.2	116.9	114.5
Rural Average	110.6	108.5	108.2	107.3
Aberdeen	100.0	100.0	100.0	100.0

The 1982 indice was calculated from information collected on the price of food, housing, transport services and other goods in various locations in rural Scotland. Aberdeen is used as the basis for comparison. Further information on the methods and results of this Rural Scotland Price Survey can be obtained from the Scottish Consumer Council, to whom the publishers are grateful for permission to reproduce the above information.

*In 1983 the Scottish Consumer Council withdrew its support for this survey, and no survey was carried out in 1983. In 1984, under the sponsorship of the H.I.D.B., and with the co-operation of local authorities, a new survey on the same basis was instigated, the results of which are included above. The next survey is scheduled to take place in June 1987. Further information can be obtained from the survey co-ordinator, G. A. Mackay, Balloan House, Inverness, IV1 2AB. Telephone 0463 223200.

Housing

Housing Stock (Occupied units; April each year)

Type	1981	1983	1985	1986	1987
Shetland Islands Council	2,655	2,610	2,630	2,630	2,648
Private and Others	5,507	5,840	5,818	5,929	6,018
Scottish Special Housing Assoc.	156	154	152	147	145
Total	8,328	8,604	8,600	8,698	8,811

Vehicle Ownership

Vehicles licensed in Shetland on 31st December

Type	1971	1981	1983	1985*	1986
Private cars and vans	3,600	7,048	7,054	7,584	7,808
Goods vehicles (incl. agricultural)	440	801	758	372	376
Buses and coaches	138	164	158	183	187
Motor cycles	350	545	385	391	379
Miscellaneous	652	831	915	964	966
Total	5,180	9,389	9,270	9,494	9,716

1971 figures: Local Taxation Office

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

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

Education

No. of Teachers in Shetland

	1971	1976	1981	1986	1987
Primary Teachers	91	117	164	150	141
Secondary Teachers	88	124	142	162	168
F.E. Teachers	2	4	9	13	15
Total	181	245	313	324	324

Primary Education

Primary School Rolls as at January each year

	1971	1976	1981	1986	1987
Baltasound Junior High	103	100	106	71	76
Mid Yell Junior High	56	76	65	53	57
Brae Junior High	44	68	171	170	183
Symbister House Junior High	125	149	146	121	129
Aith Junior High	67	63	52	77	69
Scalloway Junior High	120	136	150	138	129
Sandwick Junior High	44	81	96	65	64
Haroldswick Primary	38	33	21	30	30
Uyeasound Primary	21	27	16	8	11
Cullivoe Primary	21	23	24	24	25
Burra Primary	38	31	36	29	30
Fetlar Primary	14	6	15	9	10
North Roe Primary	17	16	23	17	20
Ollaberry Primary	18	12	16	29	30
Urafirth Primary	26	29	37	33	35
Mossbank Primary	0	0	136	117	109
Firth Primary	16	0	0	0	0
Olnafirth Primary	19	30	46	44	46
Lunnasting Primary	20	22	38	26	24
South Nesting Primary	16	14	26	21	21
Skerries Primary	16	12	11	8	6
Sandness Primary	6	7	15	21	21
Foula Primary	4	4	7	7	5
Papa Stour Primary	0	0	5	3	3
Happyhansel Primary	43	40	48	55	58
Gruting Primary	12	11	9	0	0
Skeld Primary	13	26	36	19	15
Whiteness Primary	31	56	87	68	80
Burra Primary	16	0	0	0	0
Hamnavoe Primary	64	65	107	110	112
Gott Primary	41	43	52	50	49
Cunningsburgh Primary	56	74	77	59	49
Dunrossness Primary	123	152	209	149	139
Fair Isle Primary	3	9	11	8	11
Quarff Primary	17	19	23	21	24
Bressay Primary	24	38	20	21	25
Bells Brae Primary	722	790	501	416	416
Sound Primary	0	0	292	400	412
Total	2,014	2,262	2,730	2,505	2,523

Secondary Education

Secondary School Roll as at January each year

	1971	1976	1981	1986	1987
Anderson High	571	770	915	933	910
Baltasound Junior High	36	58	75	47	32
Mid Yell Junior High	43	58	48	56	50
Brae Junior High	47	68	164	263	246
Symbister House Junior High	36	54	62	49	42
Aith Junior High	35	65	61	61	65
Scalloway Junior High	72	129	132	144	157
Sandwick Junior High	55	87	121	130	133
Skerries School	2	6	5	7	9
Total	897	1,295	1,583	1,690	1,644

Further Education

Students enrolled on F.E. Courses

	1976/77	1980/81	1984/85	1985/86	1986/87
Full Time	—	—	25	30	55
Day Release	22	70	52	63	62
Short Full Time	34	50	57	70	58
Evening Class	815	1,109	973	913	1,387
YTS	—	—	—	—	43

Social Work

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

	1983/84	1984/85	1985/86	1986/87
No. of Eventide Home Beds*	60	60	72	72
No. of beds in Group Home	6	6	6	125
No. of beds in Children's Home	10	10	10	10
No. of Sheltered Housing Schemes	36	36	36	36
No. of Sheltered Houses	257	257	257	257
No. of Laundries	4	4	4	4
No. of Meals on Wheels Schemes	25	25	25	25
No. of Luncheon Clubs	3	3	3	3
No. of Meals Delivered	45,250	45,107	50,000	52,000
No. of Telephone Rentals Paid	235	—	256	**
No. of Telephones newly installed or taken over	16	5	25	**
No. of Home Helps	325	320	303	308
No. of Home Help Clients	591	584	576	581

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

§New Group Home due for completion in 1987.

**In 1987 a Community Alarm System based on telephone lines was installed.

Health Board

Shetland Health Board is responsible for all personal health services whether in hospital or in the community. As it is a small area, the Board maintains close links with Grampian Health Board who provide many specialist services to the population of Shetland.

Expenditure

Revenue	1983/84 £	1984/85 £	1985/86 £
Board Administration	381,646	433,556	450,560
Hospital Running Costs			
(a) Pay	1,939,891	2,136,515	2,246,441
(b) Supplies & Services	796,433	851,134	922,247
(c) Other expenditure (labs, etc.)	80,153	97,560	123,490
	2,816,477	3,085,209	3,292,178
Less direct credits	51,240	69,121	77,699
	2,765,237	3,016,088	3,214,479
Community Services (School & pre-school care, domiciliary services, health education, etc.)	860,965	921,684	963,806
Associated Services (Travelling expenses, local health council)	18,655	19,025	23,681
Primary Care			
(a) Medical Services	644,934	717,290	772,101
(b) Pharmaceutical Services	621,402	639,047	660,694
(c) Dental Services	97,831	116,597	128,034
(d) Ophthalmic Services	70,855	63,328	58,224
	1,435,022	1,536,262	1,619,053
Total Revenue Expenditure	6,358,194	6,461,229	6,837,363

Hospitals

Name	Type	No. of Beds	Average % Occupancy			
			1983	1984	1985	1986
New Gilbert Bain	Acute & Maternity	73	63	59	64	64
Montfield*	Long Stay	87	93	96	96	98

*In 1983 the extensions to the Montfield Hospital were opened, and patients were transferred there from the Old Gilbert Bain and Brevik Hospitals (Long Stay), which were then closed. The numbers of beds are those available from 1.4.84.

Staff

	1982	1983	1984	1985	1986
Number of G.P.'s	19	19	19	19	19
Number of Nursing Staff:					
Full Time	151	153	162	164	163
Part Time	139	145	86	90	109
Number of Hospital Doctors	6	6	6	6	6

New Gilbert Bain Hospital

	1981	1982	1983	1984	1985	1986
Number of Casualties	2,491	2,607	2,598	2,728	2,785	2,793
Number of Out-Patients	—	—	23,303	24,800	24,281	24,221
Number of In-Patients	—	—	2,006	1,907	2,106	2,302

Lifeboat

Supported entirely by voluntary subscriptions, the Royal National Lifeboat Institution operates two Lifeboat Stations in Shetland: Lerwick and Aith.

	Lerwick Station	Aith Station
Name	<i>Soldian</i>	<i>Snolda</i>
Type	Arun Class	Arun Class
Capacity for survivors	200	200
No. of crew	6	6

Number of launchings and persons rescued by Lerwick and Aith RNLI:

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Launchings	10	14	6	14	10	17	12	21	14	12	9
Persons rescued	6	8	8	0	14	6	14	13	6	4	2

Crime

The Shetland Sub-Division of the Northern Constabulary is run by the Northern Joint Police Committee, administered by the Highland Regional Council. The 1987/88 Requisition from the Shetland Islands Council was £744,765.

Number of Police Stations in Shetland: 1987

Single Officer Police Stations: 4 (Baltasound, Mid Yell, Scalloway and Whalsay).
Section Stations under Sergeant-in-Charge: 2 (Brae and Dunrossness)
Shetland Sub-Divisional Headquarters: 1 (Lerwick)

Police manpower

1971	1976	1981	1983	1984	1985	1986	1987
21	28	45	37	36	36	36	36

Number of Crimes and Offences reported to the police

	1981	1982	1983
Group 1: Non-sexual crimes against the person	24	34	18
Group 2: Crimes involving indecency	12	14	1
Group 3: Crimes involving dishonesty	352	350	306
Group 4: Fire-raising, malicious and reckless conduct	126	184	171
Group 5: Other crimes	83	56	44
Group 6: Miscellaneous	422	375	311
Group 7: Offences relating to motor vehicles	874	892	743
Total	1,893	1,905	1,594

	1984	1985	1986
Group 1: Non-sexual crimes against the person	24	19	24
Group 2: Crimes involving indecency	9	15	2
Group 3: Crimes involving dishonesty	376	346	345
Group 4: Fire-raising, malicious & reckless conduct	147	177	133
Group 5: Other crimes	77	75	71
Group 6: Miscellaneous	403	323	286
Group 7: Offences relating to motor vehicles	965	773	926
Total	2,001	1,728	1,787

In 1986, the Northern Constabulary Shetland Sub-Division achieved a crime detection rate of 91.4 per cent, compared with 86.7 per cent in 1985.

Fire Service

The Fire Service in Shetland is run by the Highland and Islands Fire Board, administered by the Highland Regional Council. The 1987-88 requisition from the Shetland Islands Council was £368,619. In the past year new volunteer units have been set up on the islands of Papa Stour and Skerries.

Number of Fire Units in Shetland, 1986

Location	Establishment	Appliances
Retained:		
Lerwick	20 + 2 full-time officers	2 Water Tender Ladders 1 Light Fire Appliance
Brae	18	2 Water Tender Ladders
Volunteers:		
Mid Yell, Sumburgh, Sandwick, Walls, Mossbank, Scalloway Baltasound and Whalsay	12 per unit	1 Light Fire Appliance for each unit
Bixter, Bressay, Fair Isle, Fetlar, Hamnavoe, Skerries, Hillswick, Foula and Papa Stour	12 per unit	1 Portable Pump, Hose and Ancillary Equipment

Total Retained and Volunteers 242

Number of fires attended

	1971	1981	1983	1985	1986
Chimney fires	16	24	23	64	64
Special services (pumping out boats, properties, etc., Road Traffic Accidents.)	5	17	12	7	9
Property and small fires	17	54	51	48	42
False alarms, good intent	2	6	13	23	26
False alarms, malicious	1	2	3	0	4
Total	41	103	102	142	145

Postal Services

Employees, Post Office

	1977	1981	1982	1983	1984	1985	1986
Full time postal staff	66	71	72	75	74	73	66
Part time postal staff	23	21	20	17	17	17	19
Sub Postmasters	56	55	54	54	54	54	54*
Ancillary Staff	10	11	11	11	11	11	13
Total	155	158	157	157	156	155	152

*Includes 5 part time Sub Postmasters.

No of Letters Posted Weekly

	1972	1977	1981	1982	1983	1984	1985	1986
	49,866	52,602	69,400	58,000	76,682	63,132	59,230	56,000

No. of Television Licences

	1972	1977	1981	1982	1983	1984	1985	1986
Mono	4,574	5,399	1,430	1,069				
Colour	0	64	5,217	5,431*				
Total	4,574	5,463	6,647	6,520	6,635	6,682	6,228	6,480

*In 1983, for statistical purposes, the Post Office ceased to differentiate between colour and mono licences.

Electricity

Breakdown into Categories

	1971	1981	1983	1985*	1988
Domestic	Breakdown of consumers in current categories available from 1985 only			9,741,	9,845
Farms				55	62
Industrial				1	1
Construction				4	7
Other Commercial				880	892
Miscellaneous				12	35
Total	7,169	10,211	10,453	10,693	10,842

Electricity Generation

	1982-83	1984-85	1985-86	1986-87
Units generated (kilowatt hours)	146,122,719	126,240,000	141,179,000	148,697,310
Maximum demand (megawatts)	32.30	28.80	29.80	30.5

Distribution (all figures: distances in kilometres)

	1971	1981	1983	1985	1986
33,000 Volt overhead lines	24.7	98.0	100.3	128.2	128.4
33,000 Volt underground cables	0.0	3.7	5.86	11.6	11.6
11,000 Volt overhead lines	705.9	756.2	781.4	799.3	804.6
11,000 Volt underground cables	15.1	65.5	83.2	90.3	92.2
Low Voltage overhead lines	340.1	345.6	346.4	342.7	341.4
Low Voltage underground cables	18.9	65.6	83.3	92.9	100.5

Telecommunications

Employees: British Telecom (Scotland)

	1977	1981	1982	1983	1984	1985	1986*§
Telephonists	35	31	29	24	20	20	
Engineers	52	74	71	62	66	66	

Number of Telephone Connections (December each year)

	1971	1981	1983	1984	1985*	1986*§
Unst	143	308	348	362		
Yell	174	367	378	393		
Fetlar	21	36	37	40		
Northmavine	129	264	267	273		
Deltig	147	1,070	888	905		
Walls & Sandness	129	247	249	250		
Sandsting & Aithsting	175	284	294	305		
Nesting & Lunnasting	81	168	188	198		
Whalsay	194	321	325	328		
Skerries	23	34	34	34		
Tingwall	335	723	765	753		
Bressay	56	107	118	119		
Burra	132	257	262	272		
Dunrossness	405	1,061	1,057	1,069		
Lerwick	1,275	3,078	3,195	3,231		
Total	3,419	8,325	8,405	8,562		

No. of Telephone Calls by Shetland Users

	1981	1982	1983	1984	1985*	1986*§
Trunk Calls	3,418,300	2,577,300	1,957,200	1,697,800		
IDD Calls	37,438	33,406	29,168	43,895		

No. of Other Telecommunications Installations in Shetland

	1970	1981	1982	1983	1984	1985*	1986*§
Telex	5	102	77	83	90		
Datel	0	8	10	11	33		

*Since privatisation British Telecom has refused to release any statistics on the grounds of commercial confidentiality.

§Lerwick Telephone Exchange was closed in March 1987. All calls are now handled by the Aberdeen Exchange.

Electoral Statistics

June 1983

General Election result in the Orkney and Shetland Parliamentary Constituency:

James Wallace (Lib/Alliance)	9,374
David Myles (Con)	5,224
Winifred Ewing (SNP)	3,147
Robina Goodlad (Lab)	2,665
Maj.	4,150

Total Electorate: 30,411 (Shetland: 15,902; Orkney 14,509)

June 1984

European Assembly Election result in the Highlands and Islands Constituency:

Winifred Ewing (SNP)	49,410
Russell Johnston (Lib/Alliance)	33,133
David Webster (Con)	18,847
Jack MacArthur (Lab)	16,644
SNP maj.	16,277

Total Electorate: 310,508 (Shetland: 16,057)

March 1979

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

No	5,466
Yes	2,020

Total Electorate (Shetland): 14,882

March 1978

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

Yes	9,162
No	1,028
Maj.	8,134

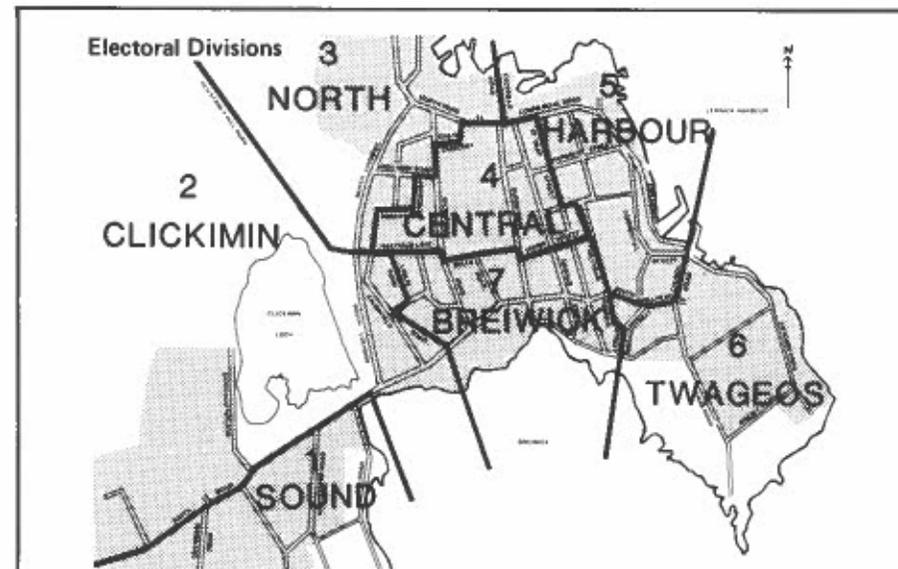
Total Electorate (Shetland): 14,244

June 1975

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

No	3,631
Yes	2,815
Maj.	816

Total Electorate (Shetland): 13,437



Shetland Islands Council:

Members (May 1986 to May 1990)

Ward	Councillor
1. Lerwick Sound	John J. Graham , 26 King Harald Street, Lerwick ZE1 0DJ. (Shetland Movement) (Electorate 987. Returned Unopposed)
2. Lerwick Clickimin	Dr Thomas M. Y. Manson , 93 Gilbertson Road, Lerwick ZE1 0QJ. (Shetland Movement) (Electorate 742. 216 votes; 39% poll; 74% of total votes cast)
3. Lerwick North	Leonard G. Groat , 10 Voder View, Lerwick ZE1 0QE. (Labour) (Electorate 993. 328 votes; 59% poll; 56% of total votes cast)
4. Lerwick Central	William A. Smith , 14 Bruce Crescent, Lerwick ZE1 0PB. (Labour) (Electorate 744. Returned Unopposed)
5. Lerwick Harbour	Edward Thomason , 6 Mounthooly Place, Lerwick ZE1 0BL. (Shetland Movement) (Electorate 659. Returned Unopposed)
6. Lerwick Twageos	James J. Paton , 14 Water Lane, Lerwick ZE1 0AG. (Labour) (Electorate 702. 281 votes; 57% poll; 71% of total votes cast)
7. Lerwick Breiwick	Cecil B. Eunson , 68 Breiwick Road, Lerwick ZE1 0DE. (Electorate 684. 203 votes; 49% poll; 61% of total votes cast)
8. Unst	Mrs Elisabeth Nicolson , 16 Nikkavord Lea, Baltasound ZE2 9XL. (Electorate 713. 186 votes; 61% poll; 43% of total votes cast)
9. Yell North & Fetlar	David J. Johnston , Moreview, Gutcher, Yell ZE2 9DF. (Electorate 330. Returned Unopposed)
10. Yell South	Robert S. Gray , Sunnylea, Burravoe, Yell ZE2 9BA. (Electorate 607. 152 votes; 58% poll; 44% of total votes cast)
11. Northmavine	Christopher J. Dowle , Ronas Voe, Ollaberry ZE2 9RX. (Labour) (Electorate 616. 238 votes; 51% poll; 76% of total votes cast)
12. Delting North	Miss Andrea Manson , Olna, Brae ZE2 9QS. (Electorate 953. 319 votes; 49% poll; 68% of total votes cast)
13. Delting South	Dr James A. Hunter , Kohima, Gott ZE2 9SG. (Electorate 420. Returned Unopposed)
14. Nesting & Lunnasting	Peter B. A. Hunter , 27 Market Street, Lerwick ZE1 0JP. (Electorate 365. Returned Unopposed)
15. Bressay	James C. Irvine , 20 Twageos Road, Lerwick ZE1 0BB. (Electorate 257. 135 votes; 76% poll; 69% of total votes cast)
16. Scalloway	William A. Anderson , The Sea Chest, East Voe, Scalloway ZE2 0US. (Electorate 805. Returned Unopposed)
17. Tingwall, Whiteness & Weisdale	Alexander Arthur , Schoolhouse, South Nesting ZE2 9PP. (Electorate 769. 194 votes; 58% poll; 43% of total votes cast)
18. Whalsay & Skerries	Henry A. Stewart , 2 Gardentown, Symbister, Whalsay ZE2 9AB. (Electorate 791. Returned Unopposed)
19. Sandsting & Aithsting	Mrs Florence B. Grains , Hoove, Whiteness ZE2 9LL. (Electorate 700. 211 votes; 68% poll; 51% of total votes cast)

Ward	Councillor
20. Walls & Sandness	James W. Nicolson , 13 South Lochside, Lerwick ZE1 0RA. (Electorate 480. 179 votes; 73% poll; 43% of total votes cast)
21. Gulberwick, Quarff & Cunningsburgh	Mrs Joan McLeod , 2 Dandiegarth, Cunningsburgh ZE2 9JP. (Electorate 659. 240 votes; 63% poll; 55% of total votes cast)
22. Burra & Trondra	William A. Cumming , Bonnieview, Southerhouse, Hamnavoe ZE2 9LB. (Shetland Movement) (Electorate 651. Returned Unopposed)
23. Sandwick	Vacant. By-election pending at time of going to press.
24. Dunrossness North	William Tait , Bonavista, East Ireland, Bigton ZE2 9JA. (Electorate 385. 288 votes; 62% poll; 85% of total votes cast)
25. Dunrossness South	Magnus L. Flaws , Westvoe Virkie ZE3 9JN. (Electorate 577. 195 votes; 62% poll; 78% of total votes cast)

Rating and Valuation

	Non-Domestic	Rate per £ Domestic	Water	Total Rateable Value £
1976/77	140p	113p	20p	463,641
1977/78	161p	130p	25p	584,996
1978/79*	45p	42p	10p	6,234,214
1979/80	50p	47p	11p	15,529,780
1980/81	75p	72p	14p	25,311,238
1981/82	79p	76p	10p	31,129,489
1982/83	95p	92p	10p	32,476,067
1983/84	111p	108p	11.5p	25,990,632
1984/85	123p	120p	6p	25,751,883
1985/86*	58p	50p	3.5p	65,963,330
1986/77	59p	52p	3.9p	58,500,000
1987/88	59p	52p	3p	66,248,965

*Revaluation: 1st April, 1978 and 1985.

Members of Committees

	Social Work	General Services	Housing	Roads and Transport	Education	Development	Leisure and Recreation	Ports and Harbours	Policy and Resources
Anderson, W. A.		X	X	X	X	X			
Arthur, Alex.		X	X	X	X				X
Cumming, W. A.		X	X	X		X		X	
Dowle, C. J.			X		X	X		X	X
Eunson, C. B.	X		X		X	X	X		
Flaws, M. L.		X		X	X	X			X
Graham, J. J.			X		X	X	X		X
Grains, Mrs F. B.	X	X		X	X	X			
Gray, R. S.	X	X		X		X	X		
Groat L. G.	X		X		X	X			X
Hunter, Dr J. A.	X	X			X	X		X	
Hunter, P. B. A.	X	X		X	X	X			
Irvine, J. C.		X		X		X	X	X	
Johnston, D. J.		X		X	X	X		X	
Manson, Miss A. I.			X		X	X	X	X	
Manson, Dr T. M. Y.		X	X	X	X		X		
McLeod, Mrs J.	X			X	X	X			X
Nicolson, Mrs E.		X		X	X	X			X
Nicolson, Jas. W.	X	X		X	X	X			
Paton, J. J.			X		X	X	X		X
Smith, W. A.	X		X		X				X
Stewart, H. A.	X			X	X	X			X
Tait, W.	X	X	X	X	X	X	X	X	X
Thomson, E.	X	X	X	X	X	X	X	X	X

The Sandwick ward was vacant at the time of going to press.

Committees

Convener: Edward Thomason
Vice-Convener: William Tait

Committee	Chairman	Vice-Chairman
Chairmen's	Edward Thomason	William Tait
Development	Magnus L. Flaws	Mrs Joan McLeod
Education	Willam A. Smith	John J. Graham
General Services	Robert S. Gray	Mrs Florence B. Grains
Housing	William A. Cumming	James J. Paton
Leisure & Recreation	Dr T. M. Y. Manson	Cecil B. Eunson
Policy & Resources	William Tait	Leonard G. Groat
Ports & Harbours	David J. Johnston	Miss Andrea Manson
Roads & Transport	James C. Irvine	Henry A. Stewart
Social Work	Dr J. A. Hunter	Peter B. A. Hunter

Departments

Chief Executive: Michael Gerrard, Town Hall, Lerwick, ZE1 0HB

Department	Director	Address
Administration	Ronald Lisk	Quendale House, 31 Commercial St., Lerwick, ZE1 0AN
Construction	William Smith,	Grantfield, Lerwick, ZE1 0NT
Design & Technical Services	Bryan Davison,	Hayfield House, Hayfield Lane, Lerwick, ZE1 0QD
Education	Robin Barnes,	Brentham House, Harbour St., Lerwick, ZE1 0LR
Environmental Health & Trading Standards	Douglas Smith,	3 Commercial Rd., Lerwick, ZE1 0LX
Finance	Malcolm Green,	4 Market St., Lerwick, ZE1 0JN
Housing	Vacant.	5 Harbour St., Lerwick, ZE1 0LR
Leisure & Recreation	John Nicolson,	Hillhead, Lerwick, ZE1 0EJ
Personnel	Peter Taylor, (Personnel Manager)	County Buildings, Lerwick, ZE1 0HD
Ports & Harbours	George Sutherland,	Port Administration Buildings, Sella Ness, Sullom Voe, ZE2 9QR
Planning	James Anderson,	Victoria Buildings, Esplanade, Lerwick, ZE1 0LL
Research & Development	Jack Burgess,	93 St Olaf St., Lerwick, ZE1 0ES
Social Work	Peter Malcolmson,	92 St Olaf St., Lerwick, ZE1 0ES

Telephone: All departments Lerwick (0595) 3535, except Construction: Lerwick 2024 and Ports and Harbour: Sullom Voe (0806) 242551.

Shetland Islands Council Finance

Revenue and Capital Expenditure

	1986/87		1987/88	
	(Net) Revenue Expenditure £'000	Capital Expenditure £'000	(Net) Revenue Expenditure £'000	Capital Expenditure £'000
Development	767	106	871	479
Leisure & Recreation	905	165	610	53
Education	16,185	856	16,478	1,025
General Services:				
Cleaning	886	—	866	74
Sewerage	668	638	800	657
Other	718	179	916	199
Housing	1,006	5,266	1,084	6,827
Ports & Harbours	—	396	—	1,673
Policy & Resources:				
Police & Fire	975	—	1,114	—
Capital Fund	7,900	—	4,050	—
Housing Capital Fund	3,000	—	5,200	—
Unallocated Reserve				
Fund Contributions	(720)	—	(2,000)	—
Other	482	740	529	412
Roads & Transport:				
Roads	6,967	3,877	7,525	4,159
Ferries	2,341	362	2,345	546
Other Transport	408	98	472	70
Social Work	2,405	75	2,477	149
Water	307	207	307	333
Contingency Reserve	100	—	2,546	—
Total	45,300	12,965	46,190	16,656

Source of Finance for Revenue Expenditure

	1986/87 £'000	1987/88 £'000
Rate Support Grant	10,046	10,926
Rates	34,484	34,514
Interest on Revenue Balances	770	750
Total	45,300	46,190

Community Council Chairmen & Clerks

Aithsting and Sandsting	Chairman: J. P. Nicolson, 1 Whitelaw Road, Aith ZE2 9NF. Clerk: Mrs L. Fraser, West Burrafirth, Bridge of Walls ZE2 9NT. Walls 203
Bressay	Chairman: T. Black, 10 Voeseide, Bressay ZE2 9EN Clerk: Mrs K. Manson, Uphouse, Bressay ZE2 9ES. Bressay 347
Burra and Trondra	Chairman: R. Hunter, Mill Burn, Bridge End, Burra ZE2 9LE. Clerk: Mrs I. Inkster, Tremayne, Bridge End, Burra ZE2 9LE. Hamnavoe 364
Delting	Chairman: A. Cooper, Linga, Mossbank ZE2 9RB. Clerk: Mrs V. Clark, Braehead, Mossbank ZE2 9RB. Sullom Voe 242282
Dunrossness	Chairman: W. H. Burgess, South Scousburgh, Scousburgh ZE2 9JE. Clerk: J. A. F. Smith, Hayhoull Place, Bigton ZE2 9JA. Bigton 376
Fetlar	Chairman: F. Coutts, Everland, Fetlar ZE2 9DJ. Clerk: Mrs L. Baisley, Gord, Fetlar ZE2 9DJ. Fetlar 227
Gulberwick, Quarff & Cunningsburgh	Chairman: T. J. Goudie, Ellangowan, Gulberwick ZE2 9JX. Clerk: R. Jarmson, Meal, Cunningsburgh ZE2 9HF. Cunningsburgh 259
Lerwick	Chairman: R. J. Anderson, 54 Breiwick Road, Lerwick ZE1 0DB. Clerk: Mrs H. Anderson, Community Council Office, Stouts Court, Lerwick ZE1 0AF. Lerwick 3483
Nesting and Lunnasting	Chairman: J. G. Johnson, Sunnyside, Skelberry, Vidlin ZE2 9QD. Clerk: Mrs E. Manson, 2 Bellevue Park, Lerwick ZE1 0BA. Lerwick 2940
Northmavine	Chairman: J. A. Robertson, Claypows, North Roe ZE2 9RY. Clerk: Miss M. F. Copland, Brabon, Lochend, Northmavine ZE2 9RZ. North Roe 275
Sandness and Walls	Chairman: A. Robertson, 11 Kirkidale, Walls ZE2 9QX. Clerk: Mrs L. Fraser, West Burrafirth, Bridge of Walls ZE2 9NT. Walls 203
Sandwick	Chairman: Mrs B. Smith, Broonies Taing, Sandwick ZE2 9HN. Clerk: Mrs R. Inkster, Wainui, Hoswick, Sandwick ZE2 9HL. Sandwick 284

Scalloway	Chairman: Mrs J. Walterson, Greystanes, Berry Road, Scalloway ZE2 0UJ. Clerk: Mrs C. Jones, 16 Port Arthur, Scalloway ZE2 0UW. Scalloway 516
Unst	Chairman: W. Henderson, Lower Sotland, Haroldswick ZE2 9EQ Clerk: Mrs J. Ritch, Janefield, Baltasound ZE2 9DX. Baltasound 465
Whalsay and Skerries	Chairman: W. A. Anderson, East Hammister, Symbister ZE2 9AE Clerk: H. A. Stewart, 2 Gardentown, Symbister, Whalsay ZE2 9AB. Symbister 337
Whiteness, Weisdale & Tingwall	Chairman: P. Garrick, Griesta, Tingwall ZE2 9SB. Clerk: Mrs B. Nicolson, 37 Kalliness, Weisdale ZE2 9LR. Weisdale 330
Yell	Chairman: C. G. Spence, Gremister, Herra, Mid Yell ZE2 9BL. Clerk: D. R. A. Rushton, Stonganess, Cullivoe ZE2 9DE. Gutcher 234

Association of Shetland Community Councils: Chairman Mrs J. Walterson, Greystanes, Berry Road, Scalloway, ZE2 0UJ. Clerk J. C. Irvine, Shetland Council of Social Service, Brentham House, Harbour Street, Lerwick ZE1 0LR. Lerwick 3816.

Government Departments/ Official Bodies

- Assessor and Electoral Registration Officer, 16 Alexandra Buildings, Lerwick ZE1 0LL. Lerwick 2019.
- Crofters' Commission, Charlotte House, Commercial Road, Lerwick ZE1 0LX. Lerwick 4040.
- Customs and Excise, Charlotte House, Commercial Road, Lerwick ZE1 0LX. Lerwick 4040.
- Department of Agriculture and Fisheries, Charlotte House, Commercial Road, Lerwick ZE1 0LX. Lerwick 4040.
- Department of Health and Social Security, Charlotte House, Commercial Road, Lerwick ZE1 0LX. Lerwick 4040.
- Department of Transport, HGV Testing Station, Gremista, Lerwick ZE1 0PX.
- Fisheries Office, DAFS, Alexandra Buildings, Lerwick ZE1 0LL. Lerwick 2007.
- Highlands and Islands Development Board, 2 Bank Lane, Lerwick ZE1 0DS. Lerwick 3117.
- Nature Conservancy Council, 73 Commercial Street, Lerwick ZE1 0AB. Lerwick 3345
- Registration of Births, Deaths and Marriages, Registrar's Office, Hillhead, Lerwick ZE1 0ED. Lerwick 3535.
- Sheriff Court, County Buildings, Lerwick ZE1 0HD. Lerwick 3914.
- Unemployment Benefit Office, Charlotte House, Commercial Road, Lerwick ZE1 0LX. Lerwick 4040.

Bibliography

Literature about Shetland is varied. The following is a representative selection. It makes no claim to be an exhaustive list.

General Interest

	£
Balneaves, E.	The Windswept Isles 9.00
Butler, D.	Isle of Noss Guide 1.90
Dunrossness Community Council	Guide to Dunrossness and Fair Isle 0.50
Donaldson, G.	Isles of Home: Sixty Years of Shetland 8.95
Fenton, A.	The Northern Isles, Orkney and Shetland 18.00
Gear, S.	Foula. Island West of the Sun 8.50
Graham, J. J.	The Shetland Dictionary 7.00
Gronneberg, R. (ed)	Island Futures (Out of Print)
Gronneberg, R.	Jakobsen and Shetland 3.95
Guy, P.	Walking the Shetland Coastline No. 1: The Island of Yell 2.00
Henderson, T. (ed)	Shetland from Old Photographs (Out of Print)
Irvine, J. W.	Lerwick. The Birth and Growth of an Island Town 9.75
Irvine, J. W.	Up-Helly-Aa. A Century of Festival 6.00
Jakobsen, J.	An Etymological Dictionary of the Norn Language in Shetland. 2 Vols. (Publ. 1928; facsimile edition 1984) 21.00
Kidd, T.	Life in Shetland (Out of Print)
Knox, S.	The Making of the Shetland Landscape 12.00
Lerwick Community Council	Lerwick Town Hall, A Guide 1.50
Marwick, E.	The Folklore of Orkney & Shetland 6.95
Nicolson, J. R.	Hay & Company. Merchants in Shetland 7.95
Nicolson, J. R.	Lerwick Harbour (Out of Print)
Nicolson, J. R.	Shetland 9.95
Nicolson, J. R.	Shetland Folklore 8.75
Nicolson, J. R.	Traditional Life in Shetland 7.95
Peterson, J.	Shetland Notebook No. 2 (Photo Collection) 7.50
Robson, A.	The Saga of a Ship. The Earl of Zetland 12.00
Shetland Tourist Organisation	Shetland. A Tourist's Guide 1.00
Shetland Tourist Organisation	Shetland Holiday Planner 0.50
Shetland Tourist Organisation	Guide to the Isle of Unst 0.40
Smith, H. D.	The Making of Modern Shetland (Out of Print)
Washinton, G.	Orkney and Shetland (Photo Collection) 3.00
Waterson, G. & Jones, J.	Fair Isle, A Photographic History 4.95

Economy

		£
Goodlad, C. A.	Shetland Fishing Industry Plan, 1984	
McNicol, I. H.	Shetland Economy & Industry 1982/83	£1.50
McNicol, I. H. & Walker G.	The Shetland Economy 1976/77	1.00
Shetland Islands Council & Orkney Islands Council	Proposals for a Fisheries Management Scheme in the Orkney and Shetland Area	
Shetland Islands Council Research & Development Dept.	Economic Development Strategy for Shetland (1984)	
Wilcox, J.	The Shetland Knitwear Industry: Development through the '80s (1984)	

Fishing

		£
Coull, J. R.: Goodlad, J. H.; & Sheves, G. T.	The Fisheries in the Shetland Area. A Study in Conservation and Development	£3.00
Nicolson, J. R.	Shetland's Fishing Vessels (Out of Print)	
Osler A.	The Shetland Boat; South Mainland and Fair Isle	5.00
Shetland Anglers' Association	A Guide to Shetland Trout Angling	1.00

History

		£
Anderson, P. D.	Robert Stewart: Earl of Orkney, Lord of Shetland, 1533-1593	£15.00
Coull, J. R. (ed.)	The Third Statistical Account of Scotland, Vol. XXA Shetland. 1985	22.50
Crawford, B. E. (ed.)	Essays in Shetland History	15.00
Fojut, N.	A Guide to Prehistoric Shetland	4.20
Graham, J. J. (intro)	The Statistical Account of Scotland, Vol. XIX, Orkney and Shetland, 1799 (reprint)	22.00
H.M.S.O.	Exploring Scotland's Heritage; Orkney & Shetland	£6.95
Irvine, J. W.	Footprints	2.50
Irvine, J. W.	The Dunrossness Story	9.00
Laing, L.	Orkney and Shetland. An Archaeological Guide	7.95
Smith, B. (ed)	Shetland Archaeology	15.00
Smith, H. D.	Shetland Life and Trade, 1550-1914	20.00
Thompson, P. (and others)	Living the Fishing	8.95
Witherington, D. J. (ed)	Shetland and the Outside World, 1469-1969 (Out of Print)	

Knitting

		£
Don, S.	The Art of Shetland Lace	£6.95
Don, S.	Fair Isle Knitting	4.95
McGregor, S.	Traditional Fair Isle Knitting	9.95
National Trust for Scotland	Traditional Fair Isle Knitting Patterns	1.50
Smith, M. & Twatt, M.	Shetland Pattern Book	3.60

Oil

		£
Shetland Islands Council Research and Development Department	Shetland's Oil Era	£12.00

Specialist

		£
Clyde Cruising Club	Shetland Sailing Directions and Anchorages	£9.00
Institute of Geological Sciences	British Regional Geology — Orkney and Shetland	2.25
Knox, Susan	The Making of the Shetland Landscape	18.00
Nevis Institute	The Shetland Report	5.00

Wildlife and Natural History

		£
Berry, J. R. & Johnston, J. L.	The Natural History of Shetland	£12.95
Cox, M.	The Ponies of Shetland (Out of Print)	
Holloway, J. F. & Thorne, R.	The Birds of Fair Isle (Out of Print)	
Holloway, J. F.	Fair Isle's 'Garden' Birds	5.00
Shetland Bird Club	Shetland Bird Report	
Spence, D.	Shetland's Living Landscape	6.50
Tulloch, R.	A Guide to Shetland Mammals (Out of Print)	
Tulloch, R. & Hunter, F.	A Guide to Shetland Birds (Out of Print)	

Directories

		£
Jamieson, H.	Harry's Shetland Fishing Almanac 1987	1.80
Shetland Chamber of Commerce	Directory of Members 1986	—
Shetland Islands Council Leisure & Recreation Dept.	Shetland Community Directory 1986	0.75
Research & Development Dept.	Shetland Directory	—
Ports & Harbours Dept.	Port of Sullom Voe 1987	0.60

Conversion Factors

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

Length	
miles: kilometres	1.6093
yards: metres	0.9144
feet: metres	0.3048
inches: millimetres	25.4
inches: centimetres	2.54
Area	
square miles: square kilometres	2.59
square miles: hectares	258.999
acres: square metres	4046.86
acres: hectares	0.4047
square yards: square metres	0.8361
square feet: square centimetres	929.03
square inches: square millimetres	645.16
square inches: centimetres	6.4516
Volume	
cubic yards: cubic metres	0.7646
cubic feet: cubic metres	0.0283
cubic feet: cubic decimetres	28.3168
cubic inches: cubic centimetres	16.3871
Capacity	
gallons: cubic decimetres	4.5461
gallons: litres	4.546
quarts: litres	1.137
pints: litres	0.568
Velocity	
miles per hour: kilometres per hour	1.6093
feet per second: metres per second	0.3048
inches per second: millimetres per second	25.4
Mass	
tons: kilograms	1016.05
tons: tonnes	1.0160
hundredweights: kilograms	50.8023
stones: kilograms	6.3503
pounds: kilograms	0.4536
ounces: grams	28.3495