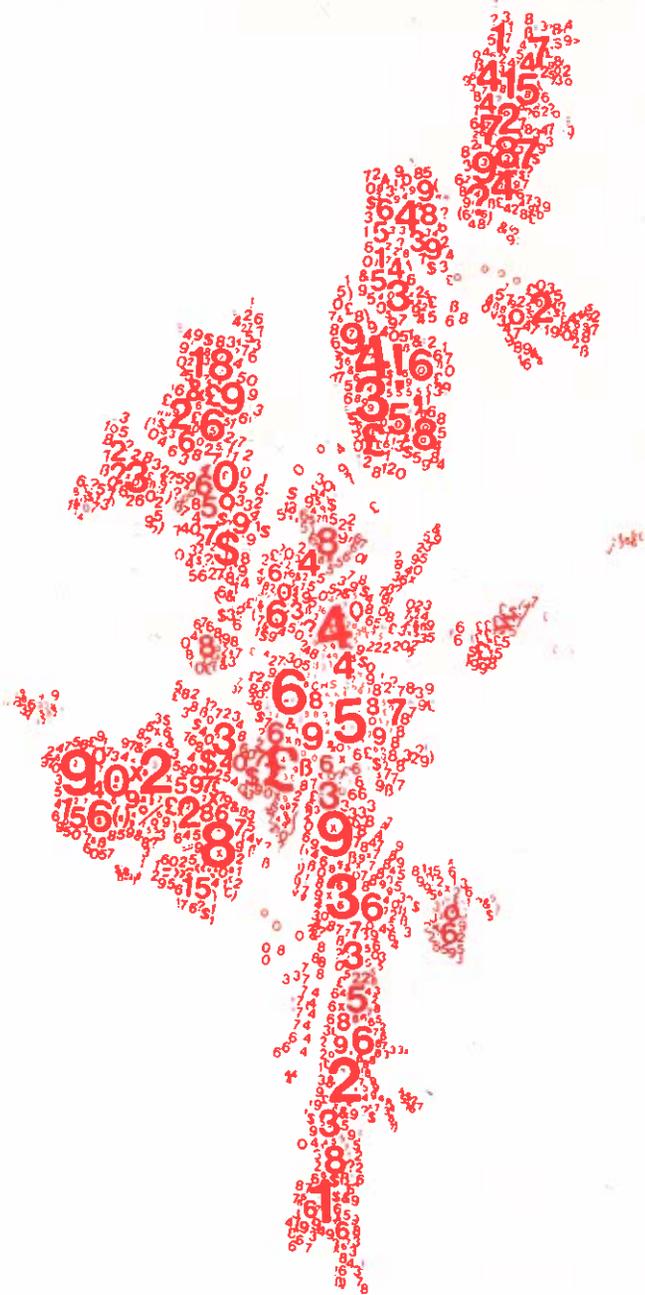




# Shetland in Statistics



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# Shetland in Statistics



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SIC Departments of Administration, Construction, Design and Technical Services, Education, Environmental Services & Trading Standards, Finance, Housing, Ports and Harbours, Social Work.

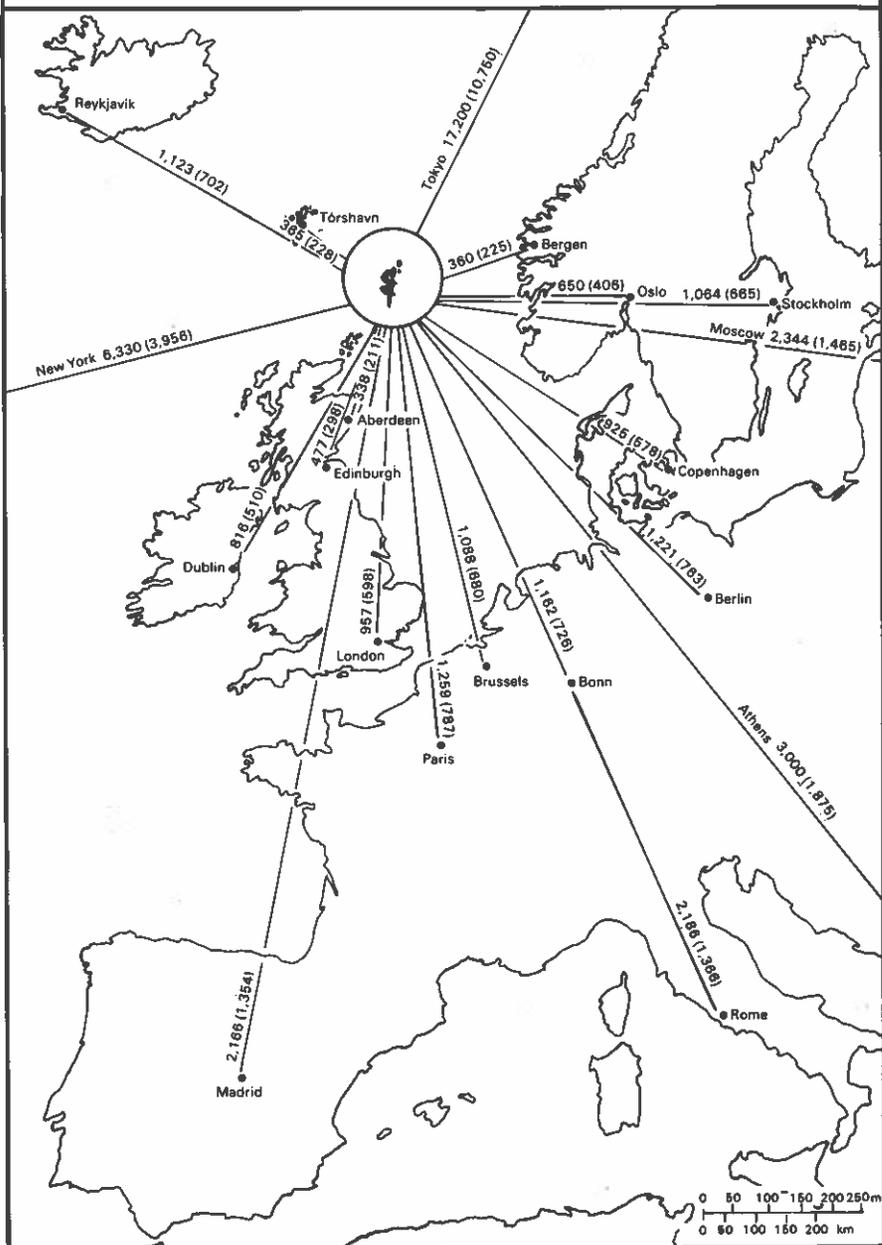
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### Shetland: Location

Lerwick is Lat 60° 9' N and 1° 9' W

Approximate distances from Shetland  
in kilometres (statute miles)

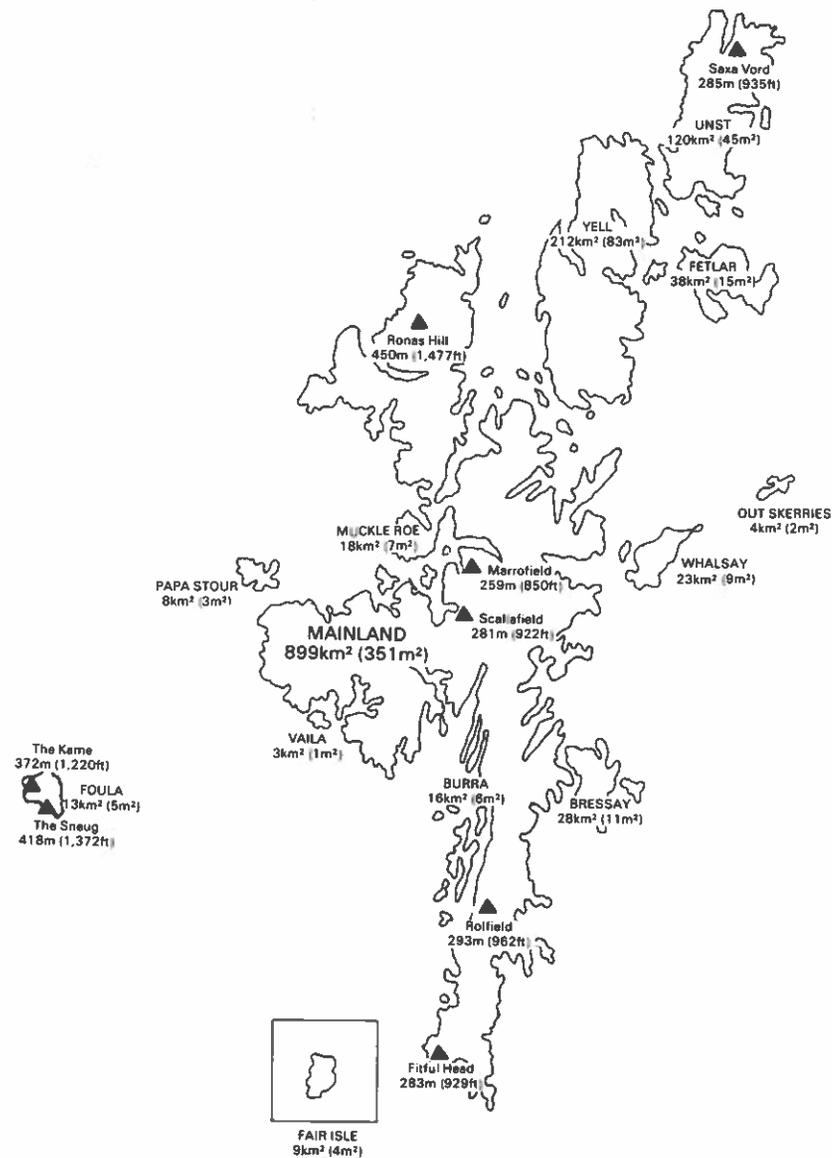


### Shetland: Physical Characteristics

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

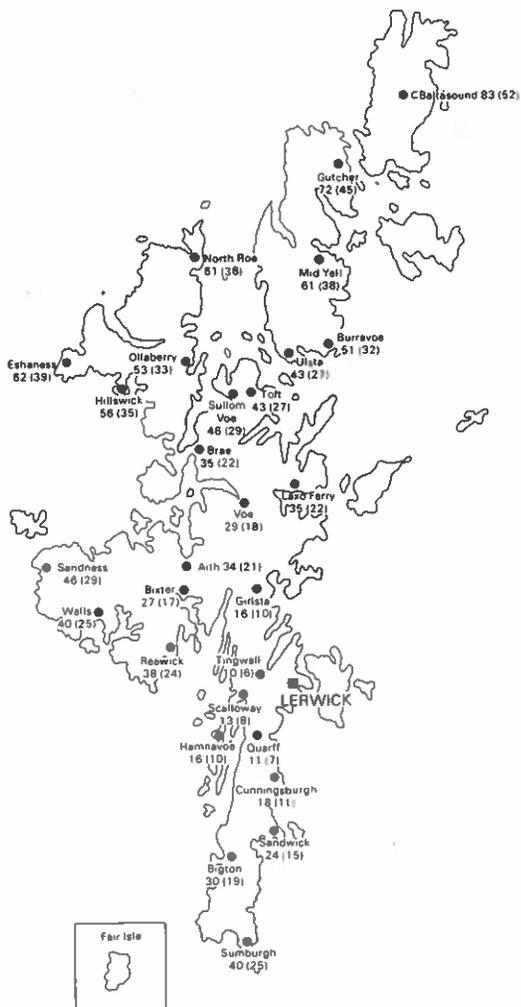
Aith	34(21)	Laxo Ferry	35(22)	Scalloway	13(8)
Bigton	30(19)	Levenwick	28(18)	Skeld	40(25)
Bixter	27(17)	Mossbank	43(27)	Sullom Voe	46(29)
Brae	35(22)	North Roe	61(38)	Sumburgh	40(25)
Cunningsburgh	18(11)	Ollaberry	53(33)	Tingwall	10(6)
Eshanness	62(39)	Quarff	11(7)	Toft Ferry	43(27)
Girlsta	16(10)	Quendale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



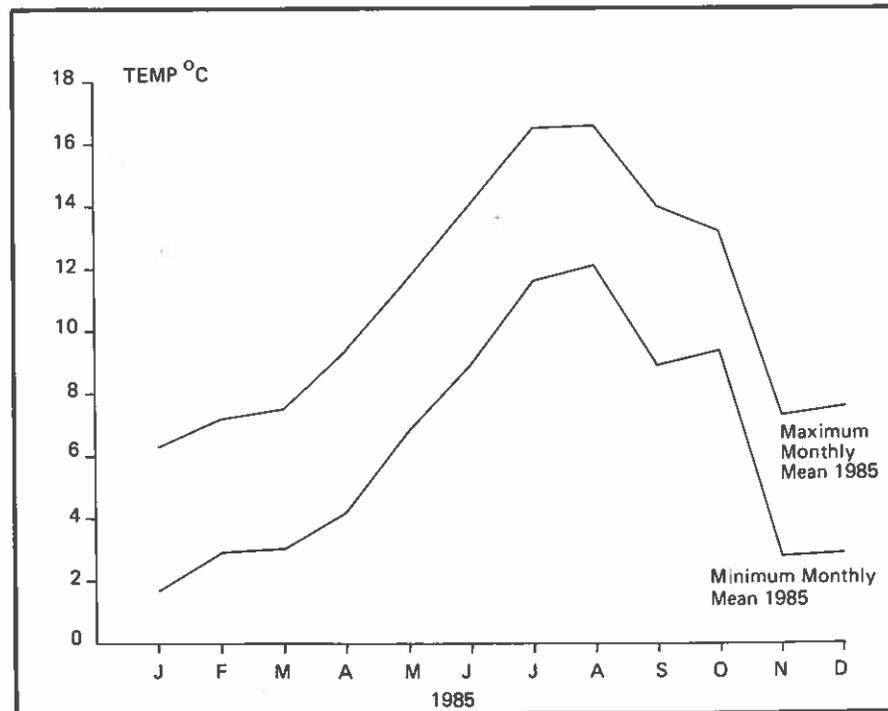
## Climate

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 1985 are as follows:

### Temperature (degrees C)

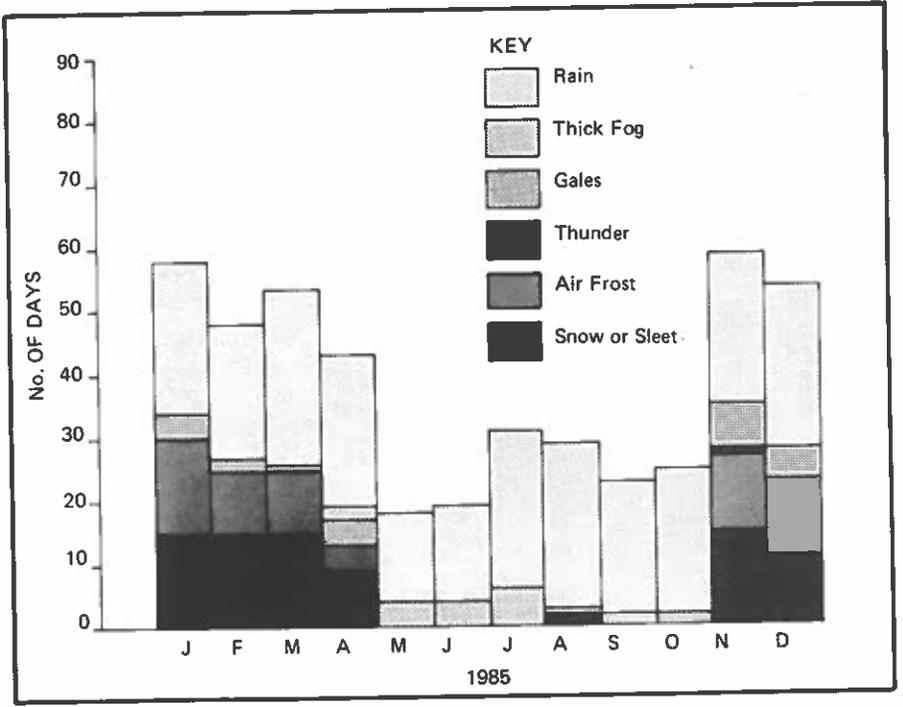
	1985		1941-70		Extreme daily values	
	monthly mean		monthly mean		(1922 - 1985)	
	Max.	Min.	Max.	Min.	Max.(Year)	Min.(Year)
Jan	4.3	-0.3	4.7	1.3	11.7('32, '50)	-8.9('52, '59)
Feb	5.2	0.9	4.7	0.9	11.7('45)	-7.3('80)
Mar	5.5	1.0	5.8	1.8	13.3('61)	-8.3('47)
Apr	7.4	2.2	7.9	2.9	16.1('42)	-5.7('68)
May	9.7	4.8	10.1	5.1	19.4('54)	-2.8('23)
Jun	12.1	6.9	12.5	7.6	23.3('58)	-0.6('24, '29, '31, '51)
Jul	14.5	9.6	14.0	9.3	22.8('26, '58)	3.3('21)
Aug	14.6	10.1	14.1	9.6	21.5('82)	1.7('21)
Sep	12.0	6.9	12.6	8.5	19.4('53)	-0.6('54)
Oct	11.2	7.4	10.2	6.7	17.2('55)	-3.3('48)
Nov	5.3	0.8	7.3	4.4	13.9('46)	-5.7('62)
Dec	5.6	0.9	5.6	2.4	12.2('48)	-8.3('61)
Year	8.9	4.3	9.1	5.0		



Number of days in 1985 with:

	Snow or Sleet	Air Frost	Thunder	Gales	Thick Fog	Rain
Jan	15 (15.0)	15 (11.0)	0 (0.3)	4 (8.5)	0 (1.8)	24 (25)
Feb	15 (13.0)	10 (12.0)	0 (0.7)	2 (5.7)	0 (2.0)	21 (21)
Mar	15 (12.0)	10 (8.8)	0 (0.3)	1 (7.4)	0 (2.6)	28 (21)
Apr	9 (6.9)	4 (5.7)	0 (0.1)	4 (2.2)	2 (5.0)	24 (20)
May	0 (2.5)	0 (1.0)	0 (0.1)	0 (1.5)	4 (6.3)	14 (17)
Jun	0 (0.0)	0 (0.1)	0 (0.3)	0 (1.3)	4 (7.7)	15 (16)
Jul	0 (0.0)	0 (0.0)	0 (0.3)	0 (0.6)	6 (6.9)	25 (17)
Aug	0 (0.0)	0 (0.0)	2 (0.3)	0 (0.5)	1 (6.9)	26 (17)
Sep	0 (0.0)	0 (0.0)	0 (0.2)	0 (2.5)	2 (6.0)	21 (20)
Oct	0 (1.1)	0 (0.6)	0 (0.3)	2 (5.5)	0 (3.6)	23 (23)
Nov	15 (7.0)	12 (4.9)	1 (0.7)	7 (5.0)	0 (0.7)	24 (25)
Dec	11 (13.0)	12 (8.8)	0 (0.3)	5 (7.8)	0 (1.6)	26 (26)
<b>Year</b>	<b>80 (70.5)</b>	<b>58 (52.9)</b>	<b>3 (3.9)</b>	<b>25 (48.5)</b>	<b>19 (51.1)</b>	<b>271 (248)</b>

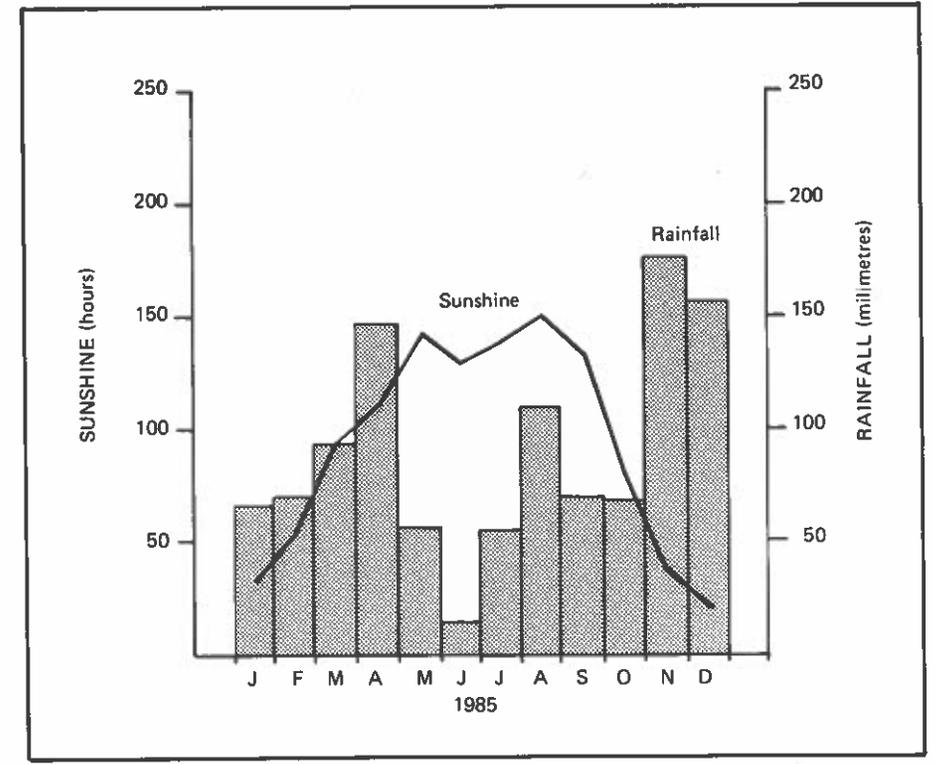
Figures in brackets are 1956-1970 monthly totals.  
 Days of Snow or Sleet: snow or sleet observed at any time of day.  
 Air Frost: minimum air temperature less than 0.0 deg. C. at any time of day.  
 Thunder: thunder heard at any time of day.  
 Gales: mean wind speed greater than or equal to 34 knots for at least 10 mins.  
 Thick Fog: visibility less than 200 metres at any time of day.  
 Rain: precipitation greater than 0.2mm recorded over a 24 hour period.



Monthly totals

	Sunshine (hours)		Rainfall (millimetres)	
	1985 totals	Extreme Daily totals	1985 totals	Extreme daily fall
Jan	32.4 (25)	6.5 ('39)	67.1 (128)	43 ('37)
Feb	54.3 (54)	9.8 ('40)	69.9 (105)	47 ('51)
Mar	95.3 (86)	11.6 ('64)	94.0 (93)	47 ('52)
Apr	111.6 (137)	14.8 ('26)	146.5 (69)	37 ('40)
May	142.9 (157)	16.2 ('40, '57, '80)	57.4 (64)	50 ('66)
Jun	130.3 (152)	17.4 ('34)	15.0 (67)	37 ('81)
Jul	138.2 (131)	16.6 ('35)	54.8 (68)	94 ('35)
Aug	150.8 (116)	15.1 ('28)	110.9 (75)	47 ('45)
Sep	132.0 (99)	13.0 ('24)	70.2 (109)	51 ('54)
Oct	78.2 (62)	10.1 ('37)	68.9 (123)	61 ('81)
Nov	38.1 (33)	6.8 ('61, '67)	176.5 (129)	71 ('49)
Dec	21.7 (15)	5.1 ('57)	156.3 (142)	45 ('51)
<b>Year</b>	<b>1,134.8 (1,067)</b>		<b>1,087.5 (1,172)</b>	

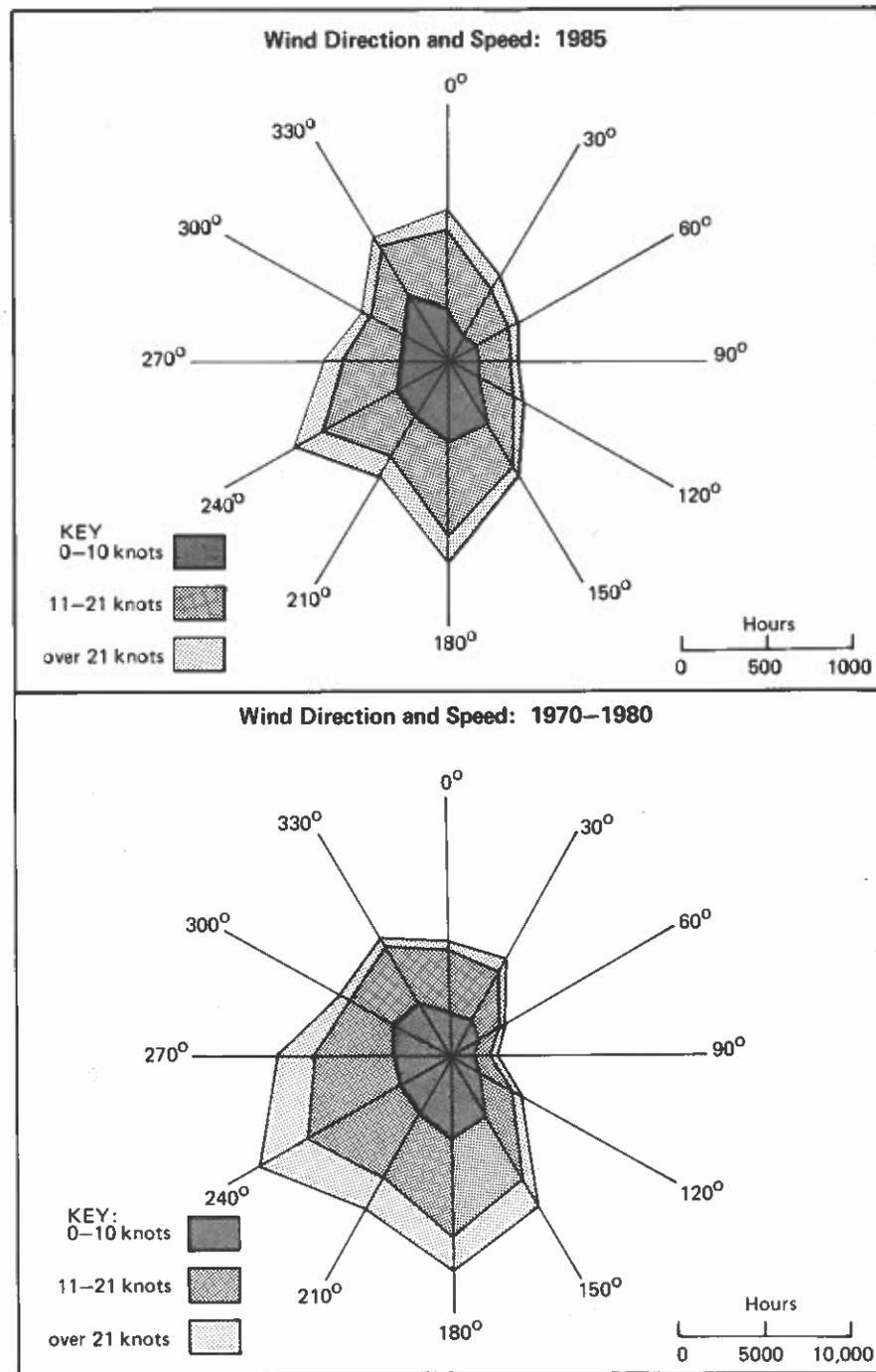
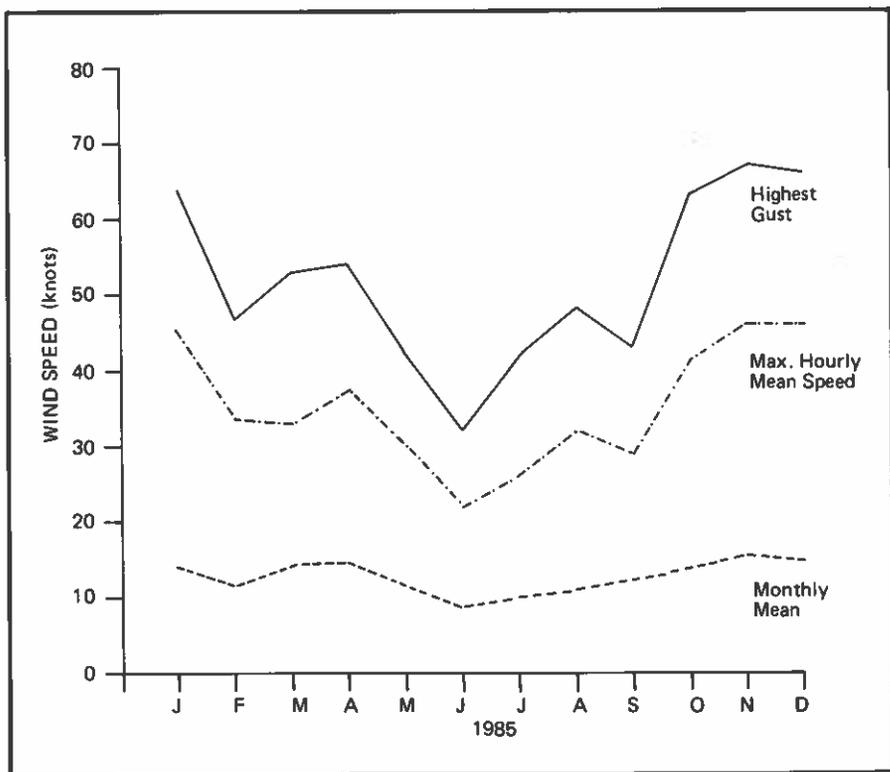
Figures in brackets are 1941-1970 averages.  
 Extreme daily totals are over the years 1921-1985.



Wind Speed (knots)

	Monthly mean		Max hourly mean speed 1921-1985				Highest gust 1921-1985			
	1985	1941-1970	1985	Dir	Year	1985	Dir	Year		
Jan	14.1	(17.0)	45	(64 010 '53)		64	(95 220 '61)			
Feb	11.7	(15.9)	34	(56 230 '81)		47	(83 280 '43)			
Mar	14.3	(16.1)	33	(53 240 '67)		53	(77 240 '67)			
Apr	14.7	(14.2)	38	(55 250 '57)		54	(78 250 '57)			
May	11.6	(12.4)	30	(44 100 '82)		42	(65 100 '82)			
Jun	8.8	(11.9)	22	(42 260 '55)		32	(61 260 '55)			
Jul	10.0	(11.3)	26	(40 030 '40)		42	(61 290 '64)			
Aug	10.9	(10.9)	32	(49 240 '23)		48	(69 240 '23)			
Sep	12.4	(13.1)	29	(59 210 '78)		43	(87 270 '63)			
Oct	13.7	(15.1)	41	(58 230 '65)		63	(90 250 '80)			
Nov	15.5	(15.4)	46	(51 220 '38)		67	(80 280 '36)			
Dec	14.5	(16.8)	46	(58 240 '36)		66	(90 220 '56)			

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



# 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 1985 (based on NHS registrations) was 22,899.

1985

In-migrants.....1,181                      Births.....315  
 Out-migrants.....1,394                      Deaths.....237

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

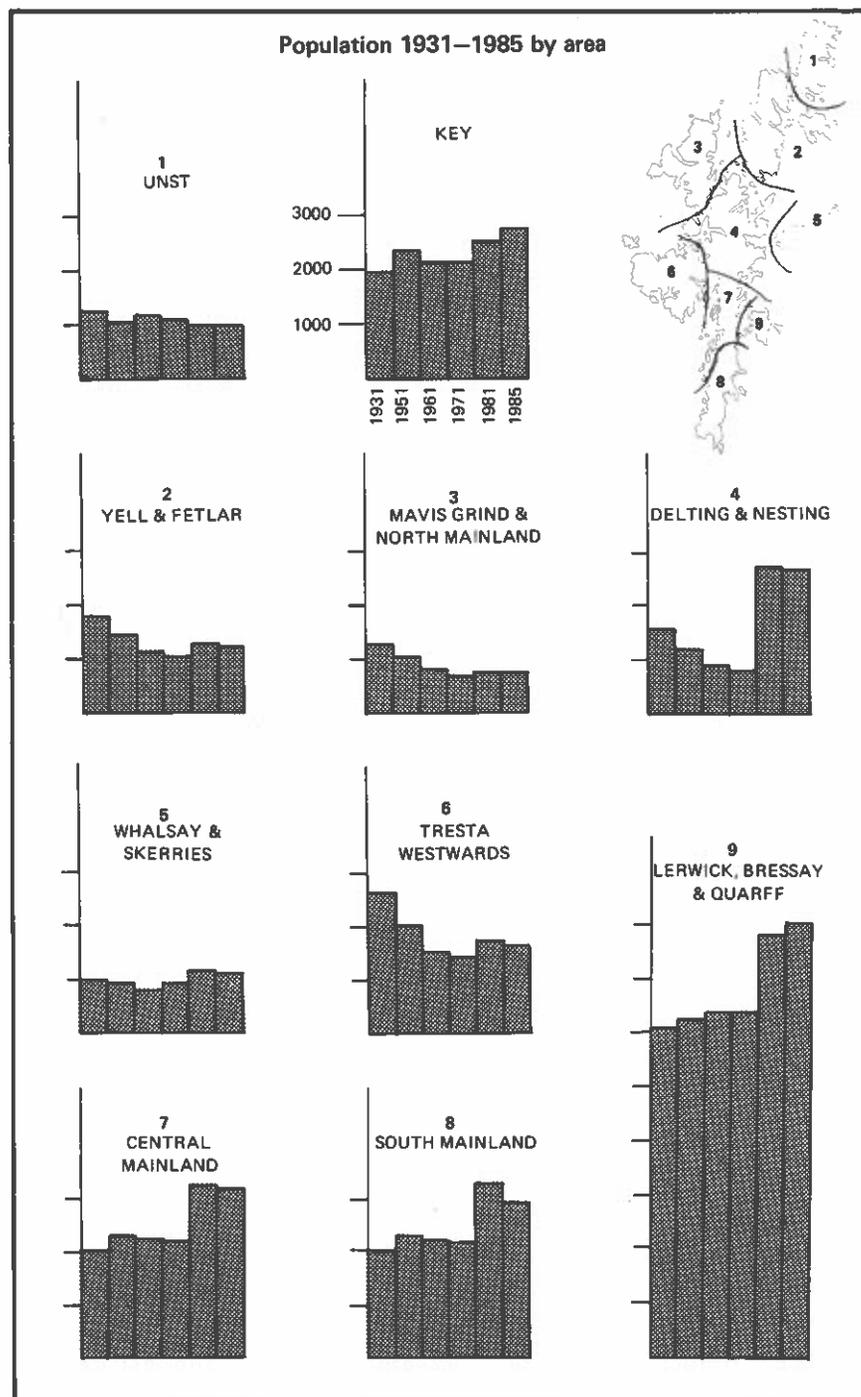
	1931	1951	1961	1971	1981	1984	1985
Unst.....	1,341	1,112	1,151	1,127	1,004	1,033	1,006
Yell.....	1,883	1,483	1,152	1,143	1,213	1,159	1,130
Fetlar.....	217	161	127	88	96	94	91
Whalsay.....	900	859	764	870	1,047	1,035	1,024
Skerries.....	110	127	108	100	92	91	85
Mavis Grind - North.....	1,343	1,054	816	696	748	767	763
Delting.....	958	863	701	674	2,755	2,734	2,715
Nesting.....	822	563	434	380			
Tresta - Bridge of Walls....	1,562	1,225	957	873	1,059	1,012	1,028
West of Bridge of Walls.....	884	687	561	483	592	561	555
Foula.....	118	75	54	33	43	45	45
Papa Stour.....	100	68	55	24	35	41	31
Whiteness/Weisdale/Gott Tingwall.....	1,140	1,604	1,603	1,671*	1,119	1,097	1,090
Scalloway.....	-	-	-	-	1,195	1,140	1,119
Trondra.....	91	54	20	17	86	101	102
Burra.....	767	648	653	565	848	836	841
Lerwick.....	4,221	5,538*	5,908	6,127	7,255	7,389	7,371
Bressay.....	452	335	269	251	347	338	332
Quarff/Gulberwick.....	1,518	426*	385	171	315	352	359
Sandwick/Cunningsburgh..	1,507	1,376	1,172	1,120	1,323	1,239	1,243
Bigton Junction - South...	1,089	1,021	858	848	1,883	1,656	1,645
Fair Isle.....	108	73	64	85	75	70	68
<b>Total Population.....</b>	<b>21,421</b>	<b>19,352</b>	<b>17,812</b>	<b>17,327</b>	<b>23,130</b>	<b>22,790</b>	<b>22,643</b>

Figures in cols. 1 - 4: Population Census.

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

\*Boundary change.

Population 1931-1985 by area



## Population Breakdown by Age and Sex

Age Group	1981			1985		
	Males	Females	Persons	Males	Females	Persons
0-4	888	890	1,778	824	816	1,640
5-9	901	881	1,782	904	869	1,773
10-14	959	913	1,872	918	925	1,843
15-19	907	846	1,753	832	792	1,624
20-24	886	791	1,677	886	882	1,768
25-29	1,006	852	1,858	967	849	1,816
30-34	1,052	874	1,926	1,061	862	1,923
35-39	857	782	1,639	1,106	869	1,975
40-44	706	577	1,283	835	733	1,568
45-49	571	518	1,089	700	556	1,256
50-54	503	520	1,023	572	508	1,080
55-59	542	516	1,058	506	505	1,011
60-64	385	488	873	495	532	1,027
65-69	443	510	953	364	472	836
70-74	371	512	883	386	482	868
75-79	239	411	650	266	425	691
80-84	157	259	416	148	301	449
85+	64	191	225	87	205	292
<b>Total</b>	<b>11,437</b>	<b>11,331</b>	<b>22,768</b>	<b>11,857</b>	<b>11,583</b>	<b>23,440</b>

1981 figures from 1981 census — (usually resident population, not including temporary residents).  
1985 figures: Registrar General's estimates for 30th June 1985.

## 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	159	493
%Economically Active (of 16 + population)	79.0%	27.7%	52.2%	82.9%	45.9%	64.4%

(Source: Population Census)

## Employment

### Employment in Shetland

	1971 (a) & (b)	1977 (b)	1981 (c)	1983 (d)
Primary	279	322	938	1,092
Manufacturing	1,335	1,125	940	923
Construction	489	1,004	906	832
Services	2,885	4,400	6,189	5,915
Self Employed	1,445	1,450	1,452	1,455
<b>Totals</b>	<b>6,433</b>	<b>8,301</b>	<b>10,425</b>	<b>10,217</b>

Note: These figures do not include temporary oil and oil related workforce (see table below).  
The largest section of the self employed are fishermen; the bulk of the remainder, tradesmen.

### Construction Workforce at Sullom Voe (midyear estimates)

	1975	1977(b) Total	Shetland Residents	1980(e) Total	Shetland Residents	1982(e) Total	Shetland Residents
Construction		1,154	130	5,669	426	1,733	151
Services	279	581	230	1,383	637	423	217
<b>Total</b>	<b>279</b>	<b>1,735</b>	<b>360</b>	<b>7,052</b>	<b>1,063</b>	<b>2,156</b>	<b>368</b>

Note: 1980 was the peak year for temporary employment at Sullom Voe. 31st December 1982 saw the completion of construction work at the terminal.

- (a) 1971 Population Census
- (b) Department of Employment
- (c) Research & Development Department, Shetland Islands Council, estimate
- (d) Research & Development Department, Shetland Islands Council, survey
- (e) Joint Employment Monitoring Group

### Employment in 1983

Industrial Category	Employees	Self Employed	Total
Agriculture & Fishing	202	705	907
Quarrying & Oil	890	1	891
<b>Primary</b>	<b>1,092</b>	<b>706</b>	<b>1,798</b>
Food	532	26	558
Engineering	130	16	146
Textiles	178	76	254
Other Manufacturing	83	20	103
<b>Manufacturing</b>	<b>923</b>	<b>138</b>	<b>1,061</b>
<b>Construction</b>	<b>832</b>	<b>160</b>	<b>992</b>

Public Utilities	95	0	95
Transport	1,217	69	1,286
Distribution	1,247	231	1,478
Finance & Business	197	2	199
Professional & Scientific	1,436	29	1,465
Miscellaneous Services	1,130	0	593
Public Administration	593	0	6,366
<b>Services</b>	<b>5,915</b>	<b>451</b>	<b>6,366</b>
<b>Total</b>	<b>8,762</b>	<b>1,455</b>	<b>10,217</b>

Notes: 1. Over 20% of those in employment are part-time.

2. 37% of the workforce are female, and 47% of female jobs are part-time, compared with 8.5% of the male jobs.

Source: Survey by the Research & Development Department, Shetland Islands Council.

## UNEMPLOYMENT

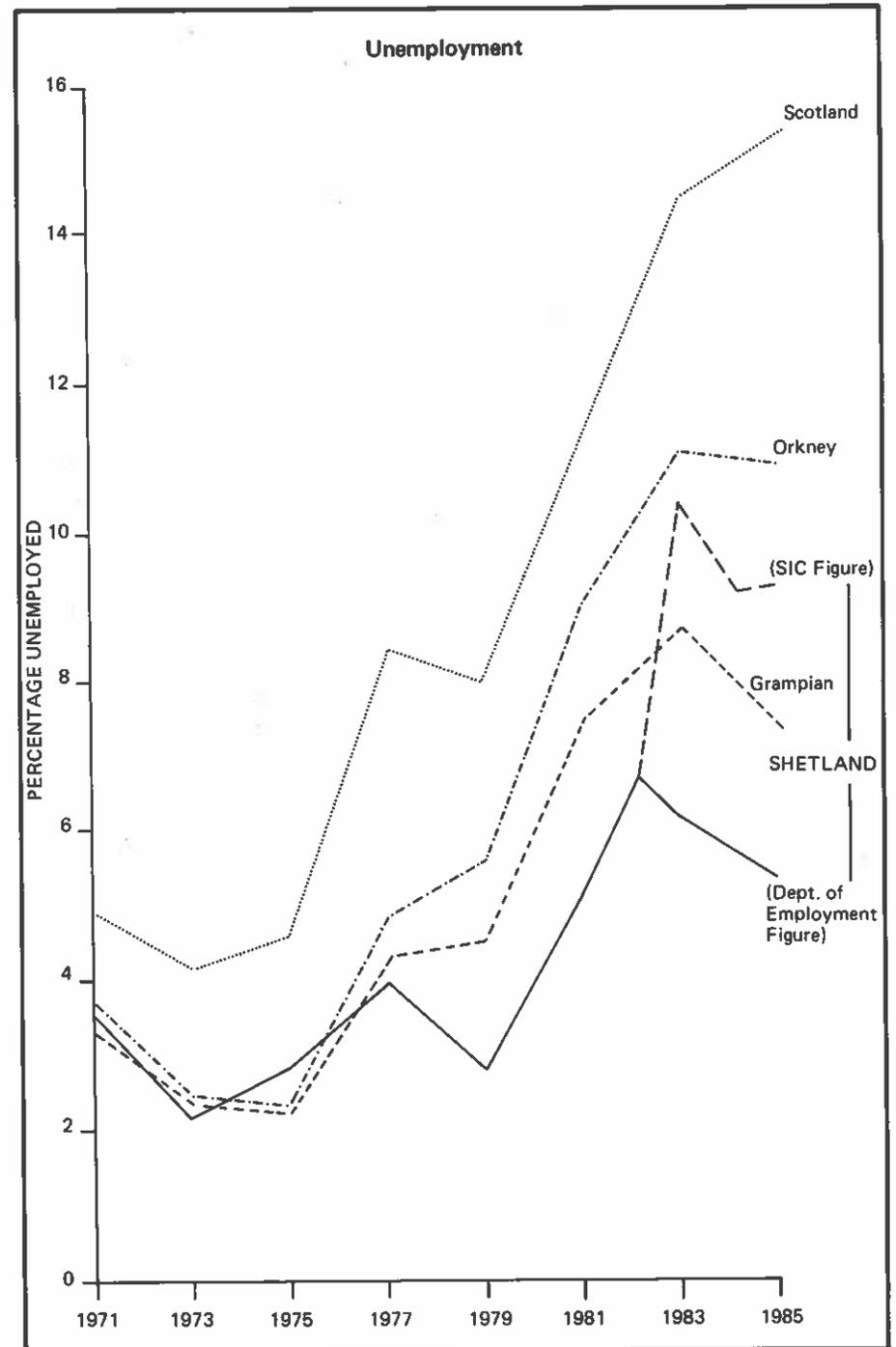
### Unemployment percentage as at June each year

	1971	1973	1975	1977	1979	1981	1983	1985
Shetland %	3.8	2.2	2.9	4.0	2.8	5.3	6.5	5.5
Actual Jan:	360	283	214	213	220	402	874	798
Figures July:	170	135	172	289	233	457	729	658
Orkney %	3.9	2.4	2.4	4.8	5.7	9.0	11.1	10.9
Western Isles %	18.0	12.9	14.0	14.0	11.8	20.1	19.8	17.4
Grampian %	3.7	2.4	2.3	4.3	4.6	7.6	8.5	7.6
Strathclyde %	6.7	5.2	5.6	9.8	9.8	16.1	16.9	18.5
Scotland %	5.5	4.3	4.7	8.6	8.1	13.5	14.5	15.3

Note: The official unemployment rate for Shetland as at January 1986 was 6.8% but due to the method of calculation this figure greatly under-represents the true position. The Shetland Islands Council now produces its own monthly estimate which for January 1986 was 9.3%. (Further information on the method of calculating the percentage unemployed is available from the Research & Development Department, Shetland Islands Council).

### Youth Unemployment in Shetland:

	1980		1981		1982		1983		1984		1985		1986	
	Jan	June	Jan	June	Jan	June	Jan	June	Jan	June	Jan	June	Jan	June
Unemployed	9	34	22	56	41	76	58	106	69	115	54	129	49	142
On Schemes	5	7	14	26	38	36	33	48	43	51	97	90	120	100
<b>Total</b>	<b>14</b>	<b>41</b>	<b>36</b>	<b>82</b>	<b>79</b>	<b>112</b>	<b>91</b>	<b>154</b>	<b>89</b>	<b>166</b>	<b>151</b>	<b>219</b>	<b>169</b>	<b>242</b>



## Nature Conservation

### Statutory Conservation Sites in Shetland

#### 4 National Nature Reserves (NNR)

Hermaness (Seabird Colony)	965.0 ha.	Haaf Gruney (General Island Interest)	17.8 ha.
Keen of Hamar (Serpentine Flora)	30.0 ha.	Noss (Seabird Colony)	313.0 ha.

#### 33 Sites of Special Scientific Interest (SSSI)

6 Freshwater Sites	380.6 ha.	1 General Island Interest	209.8 ha.
4 Seabird Colonies	2,024.5 ha.	1 Limestone Flora	81.8 ha.
4 Marsh or Meadow Sites	118.5 ha.	1 Serpentine Flora	21.3 ha.
4 Tree Sites or Plantations	62.2 ha.	1 Tidal Flats	32.0 ha.
2 Upland Sites	5,508.0 ha.	4 Geological	1,041.3 ha.
2 Beach/Sand Dune Sites	177.9 ha.	3 Geomorphological	150.4 ha.

Total area covered by statutory nature conservation sites is 11,134.1 hectares, which represents 7.9% of the total area of Shetland.

#### Approximate coverage of each island or island group is as follows:

Papa Stour	100%
Foula	100%
Fair Isle	72%
Fetlar	51% (3 sites)
Bressay (Noss)	11.2% (1 site)
Unst	9.0% (6 sites)
Mainland plus associated uninhabited islands	5.4% (22 sites)
Yell	0.2% (1 site)
Whalsay	0
Skerries	0
Burra/Trondra	0
Muckle Roe	0

(Figures as at 1st February, 1986)

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)	90%
Red-throated Diver (Raingoose)	75%
Red-necked Phalarope	70%
Arctic Skua (Aalin)	67%
Arctic Tern (Tirrick)	40%
Fulmar (Maalie)	35%
Black Guillemot (Tystie)	30%
Shag (Scarf)	27%
Gannet (Solan)	16% (Scottish population)
Grey Seal	5%
Common Seal	20%
Otter	Not known but undoubtedly high

The Shetland population of Bonxie is the most significant in international terms with 65% of the northern hemisphere's total.

## Agriculture

	1971	1976	1981	1984	1985
<b>Land Use:</b> (Figures to nearest hectare)					
Tillage.....	1,410	1,221	1,062	1,027	1,014
Grassland & Crops.....	8,407	8,766	8,400	9,229	9,305
Rough Grazing (including common grazings).	129,019	133,889	133,160	133,139	133,514
Total area rented.....	38,130	37,171	36,046	35,664	35,808
Total area owned.....	28,161	29,566	30,368	31,003	31,262
Number of holdings.....	2,439	2,353	2,240	2,256	2,267
Number of common grazings.....	93	93	93	96	97
<b>Area Under Crops:</b> (Figures to nearest hectare)					
Grass (other than rough grazing)	6,998	7,545	7,338	8,202	8,227
Barley & Oats.....	857	614	511	436	415
Turnips & Swedes.....	134	122	103	101	116
Kale & Cabbage.....	73	48	34	34	35
Potatoes.....	256	260	232	215	213
Rape.....	48	27	17	44	53
Other Crops.....	17	14	25	74	49
<b>Livestock:</b>					
Beef Cows & Heifers.....	2,492	2,600	1,896	2,093	2,147
Dairy Cows & Heifers.....	791	679	593	751	766
Total Cattle.....	6,945	6,988	5,103	5,781	6,112
Total Sheep.....	264,779	284,585	297,558	311,280	314,533
Pigs.....	9	39	83	98	88
Poultry.....	12,950	10,286	8,672	7,904	7,311
Registered Slaughter Houses.....	9	9	8	7	5
Sheep Slaughtered.....	8,417	11,440	9,592	16,954	17,117
Cattle Slaughtered.....	485	136	278	480	423
Pigs Slaughtered.....	0	0	0	23	34
Sheep Exported.....	43,464	49,687	60,542	74,104	74,482
Cattle Exported.....	1,947	2,660	2,066	1,739	1,740
Ponies Exported.....	417	618	407	409	300
Pigs Exported.....	0	0	0	37	5
Wool Production (Kilos).....	n/a	n/a	c.212,000	c.225,000	c.240,000
(1985 Average price of locally graded wool (158,547kg.), including Government Support element of 17.57p/kilo = 120.00p).					

#### Milk:

Dairy Units.....	23	22	23	20	19
Milk Production (Litres).....	1,428,975	1,632,150	2,069,550	2,573,559	2,593,143

#### Employment:

Full & part-time employees.....	222	210	204	198	196
Full & part-time occupiers.....	439	509	457	443	465

Others (including occupiers less than half time, wives/husbands of occupiers and casual/seasonal labour).....	584	787	718	778	778
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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 1984-85 the value of Shetland's Agricultural Output was estimated to be £7.8 million, including subsidies.

Capital Improvement	1976	1981	1984	1985
<b>Land Improvement (figures to the nearest hectare unless stated)</b>				
Reclamation.....	22	16	21	38
Reseeding.....			68	49
Regeneration.....	120	283	701	704
Laying to Permanent Pasture.....			17	10
Drainage (metres).....	18,471m	20,864m	185,027m	84,801m*
Apportionments.....	183	1,305	1,646	1,119**

\* The drainage figure includes both ditching and piped drainage. The figure given is calculated from the overall costings available, rather than from specific figures for ditching/pipes. This figure is based on approx. 3,000 metres of piped drainage being carried out during the year.

\*\* From 1st January 1985 to 31st December 1985, 96 apportionment applications were received and 72 apportionments were granted for a total area of 1,119 hectares.

#### Grant Aided Capital Investment

New Silos.....	8	1	4	6
Fanks and Dippers.....	4	6	6	16
New Byres.....	4	2	0	9
GP Sheds.....	6	10	11	21
Slatted Courts.....	2	1	0	3
Cubicle Houses.....	0	2	0	0
New Croft Houses.....	0	17	14	20
Croft House Improvements.....	n/a	3	0	10

In 1985 Shetland accounted for 24.27% of claims at 20.96% of the total expenditure of the Crofters Commission. Orkney accounted for 13.91% of claims at 15.10% of total expenditure, and Caithness accounted for 16.80% of claims at 26.92% 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 202 agricultural loans approved up to and including the Trustee's meeting on 20th December 1985.

#### Development Projects:

Type of Project	Numbers	Hectares	Metres	Gross Cost
Drainage/Ditching		84.50	341,055	£ 300,919
Fencing		90.50	408,528	£ 738,275
Roads			27,712	£ 162,866
Reseeding		3,277.50		£1,062,392
Buildings				£1,740,634
Machinery				£ 857,276
Livestock: Sheep	8,599			£ 257,966
Cattle	371			£ 169,245
Pigs	7			£ 820
Hens	0			£
Land Purchased/Assigned		1,067.55		£ 275,770
Loan to NEF to provide				£ 32,000
Emergency Stockpile of Animal Feedstuffs				£ 32,445
Other (Horticultural & Drystane Dykes)				£ 234,497
Allowance for Inflation				£ 234,497
<b>Total Gross Cost</b>				<b>£5,865,105</b>

Financed by: Grants (from D.A.F.S. and H.I.D.B.)	£2,295,299
Personal Contributions (A minimum of 15% of the Gross Costs before inflation. This does not apply to the £32,000 Emergency Stockpile)	£ 856,660
Loans from the SIC Trust	£2,713,146
<b>Balance of Funds</b>	<b>£ 16,854</b>
<b>Scheme Total</b>	<b>£2,730,000</b>

Note: This table shows loans approved, not necessarily schemes completed. Some applicants withdraw 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.



Modern Milk Packaging Machinery, Freefield Dairy, Lerwick.  
(Photo: John Coutts)

# Fisheries

## Fish landed in Shetland by UK vessels

	White Fish		Shell Fish		Sand Eels	
	Tonnes	£	Tonnes	£	Tonnes	£
1971	17,954.18	1,057,691	783.11	159,370	—	—
1976	13,456.77	2,587,548	588.08	202,339	18,548.24	515,398
1981	11,443.58	3,212,175	695.23	328,200	40,731.40	1,173,560
1982	13,381.81	4,274,863	846.82	466,079	45,575.10	1,349,520
1983	15,075.65	5,572,603	884.04	507,466	33,452.30	1,029,405
1984	13,945.60	6,518,971	920.52	560,524	32,578.50	1,117,646
1985						
Jan	1,272.62	819,766	46.43	43,060	—	—
Feb	1,633.44	1,021,734	—	—	—	—
Mar	1,243.01	789,900	71.42	57,003	—	—
Apr	888.18	596,417	32.46	16,960	1,446.28	44,709
May	1,438.93	877,093	42.37	19,413	3,938.30	124,654
Jun	1,077.94	636,340	77.98	38,626	3,623.60	109,878
Jul	1,485.35	784,007	—	—	4,326.80	130,841
Aug	1,093.52	555,622	147.47	58,399	2,268.40	68,741
Sep	1,484.60	664,484	80.46	35,599	1,188.30	36,005
Oct	1,569.14	867,450	72.84	57,884	378.30	11,640
Nov	1,382.68	792,170	46.22	51,800	53.60	1,661
Dec	744.21	401,991	24.54	37,949	—	—
<b>Total</b>	<b>15,313.62</b>	<b>8,806,974</b>	<b>642.19</b>	<b>416,693</b>	<b>17,222.58</b>	<b>528,129</b>

## Included in White Fish Total

	1983		1984		1985	
	Tonnes	£	Tonnes	£	Tonnes	£
Cod	2,059.06	953,656	2,414.54	1,403,646	4,159.36	2,640,574
Haddock	6,322.77	2,421,686	4,468.93	2,295,734	4,102.70	2,503,054
Whiting	5,965.72	1,903,853	5,982.32	2,344,772	4,797.28	2,287,933

## Average Quay Prices per tonne

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

## Pelagic Landings in Shetland by UK vessels

	Herring		Mackerel		Horse Mackerel	
	Tonnes	£	Tonnes	£	Tonnes	£
1982	39.50	6,320	862.02	49,560	—	—
1983	4,655.70	643,822	—	—	—	—
1984	17,784.30	2,251,719	48.80	2,782	488.30	25,393
1985						
Jan	52.80	7,128	25.80	2,615	—	—
Feb	—	—	—	—	—	—
Mar	—	—	—	—	—	—
Apr	—	—	—	—	—	—
May	—	—	—	—	—	—
Jun	213.20	31,720	—	—	—	—
Jul	3,471.44	450,801	—	—	—	—
Aug	20,425.93	2,460,694	—	—	—	—
Sep	6,439.75	793,187	1,197.14	126,455	1,108.55	49,886
Oct	11.80	1,593	154.85	16,880	—	—
Nov	58.50	7,898	64.70	7,052	—	—
Dec	1,264.50	50,979	1,267.50	73,583	—	—
<b>Total</b>	<b>31,937.92</b>	<b>3,804,000</b>	<b>2,709.99</b>	<b>226,585</b>	<b>1,108.55</b>	<b>49,886</b>

## Weight and Value of Catch by Method

	1983		1984		1985	
	Tonnes	£	Tonnes	£	Tonnes	£
Seine Net	8,040.99	2,862,305	7,410.13	3,350,606	6,264.32	3,614,111
Industrial Trawl	33,458.55	1,031,605	32,675.71	1,125,289	17,281.13	533,109
Light Trawl	5,911.74	2,317,148	6,378.12	3,100,170	8,338.78	4,807,931
Purse Seine	4,655.70	643,882	17,670.00	2,202,315	34,481.50	3,946,058
Motor Trawl	545.87	185,687	86.67	33,844	26.58	13,002
Pair Trawl — Demersal	—	—	62.86	33,844	672.54	366,361
Pair Trawl — Pelagic	—	—	671.60	87,030	1,274.86	134,401
Two Boat Trawl						
under 80 feet	560.95	205,329	—	—	—	—
Scallop Dredging	368.32	337,357	415.45	399,507	216.15	238,900
Queen Escallop						
dredging	368.04	108,107	309.21	82,143	141.08	43,072
Creels	146.48	62,043	195.86	79,144	269.53	131,735
Hand & Small Lines	6.85	1,456	0.04	80	—	—
Foreign Landings	64.64	19,676	3,432.56	177,934	10,403.70	178,424
<b>Total</b>	<b>54,128.13</b>	<b>7,745,595</b>	<b>69,308.21</b>	<b>10,668,683</b>	<b>79,370.17</b>	<b>14,007,104</b>

### Distribution of Vessel Type

	Purse Seiners	Trawlers/Seiners over 50 ft	Vessels 35-50ft	Vessels 20-35ft	Total
1971	3	38	36	59	136
1976	5	46	29	57	137
1980	10	39	26	42	119
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

### Distribution of Vessel Type by District 1985

	Purse Seiners	Trawlers/Seiners over 50ft	Vessels 35-50ft	Vessels 20-35ft	Total
South Mainland & Fair Isle	—	—	2	5	7
Lerwick & Bressay	—	3	7	3	13
Whalsay	9	10	3	5	27
Out Skerries	—	2	2	—	4
Yell, Fetlar & Unst	—	1	4	7	12
Central Mainland	—	—	2	10	12
Northmavine	2	1	1	1	5
West Mainland (inc. Foula)	—	1	2	12	15
Scalloway & the Isles	1	23	6	12	42
<b>Total</b>	<b>12</b>	<b>41</b>	<b>29</b>	<b>55</b>	<b>137</b>

### Fish Processing

Twelve firms with 15 separate factories are engaged in fish processing in Shetland.

There are 11 white fish processing lines, two herring lines, 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% of this output is exported abroad.

\*McNicol, I.H., Survey of the Shetland Economy, 1982-83.

### Employment in the Shetland Fishing Industry

	1971	1981	1982	1983	1984	1985
Catching	636	542	572	515	507	503
Processing	967	480	469	516	546	542
Ancillary	171	243	256	244	253	259
<b>Total</b>	<b>1,781</b>	<b>1,265</b>	<b>1,297</b>	<b>1,275</b>	<b>1,306</b>	<b>1,304</b>

(Source: D.A.F.S.)

### Salmon Industry

1985			
Employment	40	Output	£2.8m

### UK Landings by Weight and Value, 1983 with 1982 comparisons\*

1983 position by value	1982		1983	
	tonnes	£	tonnes	£
1 Peterhead	90,627	43,372,000	96,036	50,222,000
2 Aberdeen	47,463	21,213,000	49,876	25,401,000
3 Grimsby	41,239	21,840,952	33,430	19,092,033
4 Ullapool	139,583	15,535,000	139,653	16,178,490
5 Fraserburgh	36,467	8,989,000	38,524	11,901,000
6 Lowestoft	16,338	9,693,308	12,828	8,452,297
7 North Shields	13,697	7,750,515	13,055	7,993,781
8 Shetland	59,843	6,097,000	54,070	7,754,000
9 Mallaig	11,936	6,213,000	12,303	6,874,000
10 Ayr (1)	14,354	7,281,000	13,419	6,803,000
11 Newlyn	10,121	6,152,162	9,353	6,544,951
12 Brixham	6,091	4,967,661	7,548	6,245,566
13 Hull	15,137	6,391,907	12,715	6,181,395
14 Kinlochbervie	12,157	4,599,453	13,375	6,101,173
15 Eyemouth	8,676	5,117,000	9,134	6,100,000
16 Campbeltown (2)	6,693	4,013,000	7,411	4,755,000
17 Stornoway (3)	27,551	3,441,000	24,689	4,454,000
18 Falmouth	39,700	4,377,899	41,620	4,141,063
19 Bridlington	5,414	2,964,022	7,120	3,975,450
20 Oban	5,957	3,354,000	6,412	3,800,000
21 Scarborough	5,005	3,104,086	5,868	3,638,702
22 Pittenweem	5,146	2,960,000	4,830	3,173,000
23 Lochinver	6,963	3,619,000	5,016	3,133,108
24 Plymouth	14,690	3,214,369	16,297	3,063,302
25 Arbroath	4,353	2,014,000	5,245	2,606,000
26 Fleetwood	10,745	5,259,145	4,623	2,352,925
27 Whitby	4,132	2,279,613	4,060	2,319,676
28 Seahouses	2,050	1,213,769	2,422	1,569,210
29 Milford	8,056	2,931,521	3,849	1,332,457

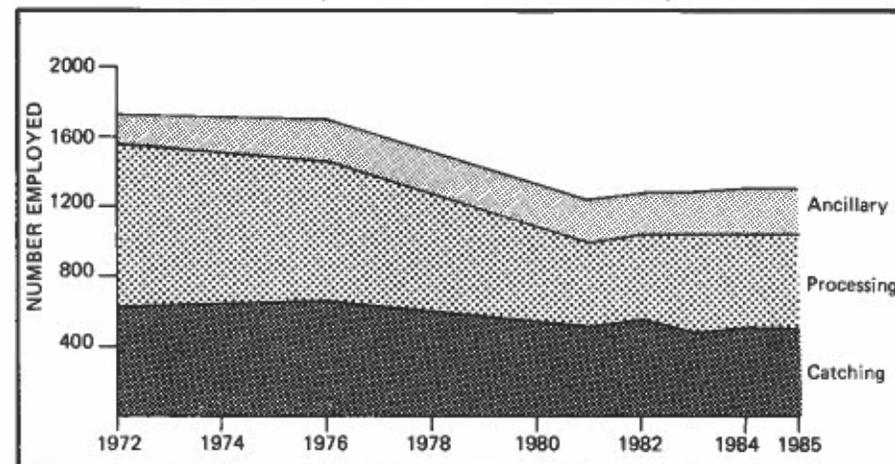
(1) Includes Girvan and Kirkcudbright

(2) Includes Carvadale, Tarbert and West Loch Tarbert

(3) Includes all Western Isles down to Barra

\* 1984 and 1985 figures not available at time of going to press

### Employment: Shetland Fishing Industry



## Landings by Shetland Vessels outwith Shetland 1985

	Herring		Mackerel		Horse Mackerel		White Fish	
	Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
Ullapool	4,561.10	593,321	28,192.70	2,950,004	-	-	-	-
Stornoway	53.30	2,025	212.00	18,214	-	-	-	-
Fraserburgh	949.00	94,640	207.40	28,314	-	-	-	-
Aberdeen	312.40	48,116	-	-	-	-	260.20	167,289
Denmark	2,098.90	355,271	12,162.50	2,001,986	43.30	2,450	-	-
<b>Total</b>	<b>7,974.70</b>	<b>1,093,373</b>	<b>40,774.60</b>	<b>4,998,518</b>	<b>43.30</b>	<b>2,450</b>	<b>260.20</b>	<b>167,289</b>

Total Value of the Fish caught by the Shetland Fleet in 1985: approx. £16.7 million.

## Total Fish Landed in Shetland by UK Vessels (all species)

1982		1983		1984		1985	
Tonnes	£	Tonnes	£	Tonnes	£	Tonnes	£
59,843	6,096,782	54,063	7,725,919	65,876	10,490,762	68,966	13,828,680



Loading Fish at Lerwick Fish Market.  
(Photo: Charles H. Simpson)

## Knitwear

### Size and Production

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 over 450,000 garments are produced each year, currently worth about £6.4 million at producers' prices.

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 and striped 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				1,800
1983	111	52	163	30	43	73	1,800
1985	112	51	163	47	16	63	*

\*No accurate figures are available for this year, 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 1985 was about 80,000 kilos of pure Shetland and 160,000 kilos of Shetland cross and other types, worth approx. £288,000.

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 has been applied for (The Shetland Lady) and this forms the cornerstone of the Association's marketing campaign.

## Exploration and Development:

1970	June	The exploration phase for oil and gas offshore Shetland was initiated when the first Licence Blocks were allocated to interested Companies.
1971	July	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.
1976		The main Brent and Ninian pipelines were completed.
1978	November 25	The first oil was piped to Sullom Voe through the Brent pipeline system from the Dunlin Field, 160 km. (100 miles) north east of Shetland.
	November 30	The first oil was shipped from Sullom Voe by the Shell tanker <i>Donovania</i> .
	December 31	The first oil arrived through the Ninian pipeline system at Sullom Voe from the Heather Field.
1982	April 15	The first fractionation of gas at Sullom Voe Terminal.
	May 17	The first shipment of Liquefied Petroleum Gas (LPG) from Sullom Voe.
	December 23	Sullom Voe Terminal receives its one billionth (1,000 million) barrel of oil.
	December	Lerwick Harbour handles a record tonnage of over one million tonnes in 1982.
1983	April	North West Hutton (211/27), the 21st British North Sea oil field, brought on stream, adding 38,000 barrels per day to the flow through the Brent pipeline.
	July	Completion of the spur boom project gives Sullom Voe protection against marine pollution unequalled in Europe.
	August	The first oil from the Magnus field (211/12a). The most northerly platform in British waters.
1984	September	First oil production from the Deveron field (211/18a).
	October 16	1,482,065 barrels of crude oil flowed into Sullom Voe from North Sea wells in 24 hours – a new record.
	November	During November the 100th Gas Tanker and the 3,000th Oil or Gas Tanker arrived at the port of Sullom Voe.
<b>1985 Highlights</b>		
	January 7	Sullom Voe Terminal: A new daily production record of 471,579 barrels was established by the Ninian pipeline system. A total 24 hour throughput record of 1,503,417 barrels was established, and a record 5,184 tonnes (61,085 barrels) of LPG was processed.
	January 10	Sullom Voe Terminal: A new daily production record of 1,037,489 barrels was established by the Brent pipeline system.
	May 9	The two billionth barrel of stabilised crude oil was produced at Sullom Voe Terminal.
	October 2	The inauguration of the Sullom Voe Terminal's Administration Building completed the development plan for the Terminal.

## 1985 Development Position in Shetland Waters

## 1. Fields in Production

Name of Field	Operator	Date Field on Stream
Beryl A	Mobil	1976
Brent (B)	Shell	1976
Frigg (gas)	Total	1977
Dunlin (B)	Shell	1978
Heather (N)	Union	1978
Ninian (N)	Chevron	1978
Thistle (B)	Britoil	1978
South Cormorant (B)	Shell	1979
Statfjord	Conoco	1979
Murchison (B)	Conoco	1980
North Cormorant (B)	Shell	1982
North West Hutton (B)	Amoco	April 1983
Magnus (N)	BP	August 1983
Beryl B	Mobil	1984
Deveron (B)	Britoil	September 1984
Hutton (B)	Conoco	1985

## 2. Fields Under Development

Name of Field	Operator	Estimated Date on Stream
Alwyn North	Total	1987

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

## Onshore facilities

Onshore facilities fall into the following categories:

1. An oil and gas terminal and harbour at Sullom Voe for the storage, treatment and exporting of oil and associated gas from the Brent and Ninian pipeline systems.
2. Marine Service Bases.
3. Air Services.
1. The Oil Terminal and Harbour

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 and final construction and commissioning was completed in December 1982. The Terminal had a throughput design capacity of 1.41 million barrels of crude oil per day (70 million metric tons per year) and reached a peak in 1984 with a total receipt of 439,434,656 barrels (58,328,785 metric tons).

**Sullom Voe Terminal: Statistics 1978 – 1985**

Crude Oil		1978	1979	1980	1981	1982	1983	1984	1985	Total
Total Receipts	Barrels	7,070,676	141,217,363	215,868,632	290,239,752	348,510,528	397,110,614	439,434,656	435,738,834	2,275,191,055
	Metric Tons	949,177	18,923,444	28,840,300	38,661,730	46,317,708	52,772,948	58,328,785	57,986,378	302,780,470
Brent	Barrels	6,390,951	77,552,205	126,060,376	174,504,301	223,978,460	273,744,800	300,769,421	300,530,869	1,483,531,383
	Metric Tons	856,991	10,367,579	16,773,845	23,116,490	29,616,146	36,224,680	39,806,231	39,796,300	196,558,262
Ninian	Barrels	679,725	63,665,158	89,808,256	115,735,451	124,532,068	123,365,814	138,665,235	136,207,965	792,659,672
	Metric Tons	92,186	8,555,865	12,066,455	15,545,240	16,701,562	16,548,268	18,522,554	18,190,078	106,222,208
Average Barrels per Day		—	386,897	589,969	795,177	954,823	1,087,974	1,200,641	1,193,805	
Brent		177,526	212,472	344,591	478,094	613,640	749,986	821,774	823,372	
Ninian		23,439	174,425	245,378	317,083	341,183	337,988	378,867	373,173	
Peak Receipts (Stabilised Crude) 1,505,417 (Brent 1,037,489) (Ninian 471,579) 7th January 1985										
Peak Offtake 3,176,543 7th January 1984										
Largest Vessels "Leonia" (Shell) S.D.W.T. 314,400 3rd July 1981 "Lima" (Shell) S.D.W.T. 314,400 14th June 1982 "Lampas" (Shell) S.D.W.T. 314,400 6th October 1982					Largest Cargo "Lepton" lifted 307,924 on 10th October 1983					
Total Offtake	Barrels	5,503,996	140,760,558	212,644,162	293,400,305	344,280,583	400,475,308	439,546,380	433,907,796	2,270,519,088
	Metric Tons	738,232	18,863,617	28,411,946	39,083,666	45,760,567	53,220,183	58,343,760	57,612,490	302,034,461
Brent	Barrels	5,503,996	77,012,110	124,308,738	176,722,690	220,420,375	276,567,493	300,217,153	298,890,133	1,479,642,688
	Metric Tons	738,232	10,295,729	16,543,788	23,410,763	29,148,983	36,598,135	39,731,812	39,580,852	196,048,294
Ninian	Barrels	—	63,748,448	88,335,424	116,677,615	123,860,208	123,907,815	139,329,227	135,017,663	790,876,400
	Metric Tons	—	8,567,888	11,868,158	15,672,903	16,622,048	18,611,948	18,031,638	105,986,167	105,986,167
Number of Ships		11	270	341	432	536	586	672	672	3,521
<b>LPG</b>										
Propane	Total	Cubic Metres				692,729	1,382,268	1,748,219	1,731,217	5,554,433
		Tons				351,694	700,810	886,426	877,727	2,816,657
Brent	Total	Cubic Metres				344,535	691,424	971,144	963,931	2,971,034
		Tons				174,889	350,552	492,419	488,713	1,506,573
Ninian	Total	Cubic Metres				348,194	690,844	777,075	766,473	2,582,586
		Tons				176,805	350,258	394,007	388,602	1,309,672
Butane	Total	Cubic Metres				421,678	885,514	1,125,469	1,125,735	3,558,396
		Tons				243,696	510,942	649,833	650,337	2,054,808
Brent	Total	Cubic Metres				222,604	475,386	642,880	637,609	1,978,479
		Tons				128,624	274,298	371,195	368,347	1,142,464
Ninian	Total	Cubic Metres				199,074	410,128	482,589	488,125	1,579,916
		Tons				115,072	236,644	278,638	281,990	912,344
Peak Receipts 61,085 7th January 1985										
Number of Ships					55	111	124	114	404	

Stabilised Crude and L.P.G. Product.  
The Billionth Barrel was produced to storage at 0400 hours, 23rd December, 1982.

Stabilised Crude and L.P.G. Product.  
The Two Billionth Barrel was produced to storage at 2130 hours, 9th May 1985.

Notes:

1. 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 complete table shown on the preceding two pages was provided by BP Petroleum Development Ltd. in February 1986, and should be regarded as the definitive statement.

2. Conversions for Crude Oil (approximate):

- (i) 1 American Barrel = 159 litres
- (ii) 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.

**World Wide Crude Oil Production 1985**

Country	'000 metric tons	% of World Total Production
1. ( 1) USSR	595,500	21.4
2. ( 2) USA	492,000	17.7
3. ( 3) Saudi Arabia	165,000	5.9
4. ( 4) Mexico	150,000	5.4
5. UK	<b>128,500</b>	<b>4.6*</b>
6. ( 5) China	125,000	4.5
7. ( 6) Iran	110,000	4.0
8. ( 7) Venezuela	88,500	3.2
9. ( 8) Canada	84,750	3.0
10. ( 9) Nigeria	73,000	2.6
(10) UK excluding Shetland	<b>70,500</b>	<b>2.5*</b>
11. (11) Iraq	70,000	2.4
12. (12) Indonesia	60,000	2.2
(13) Shetland	<b>58,000</b>	<b>2.1*</b>
13. (14) Kuwait	50,000	1.8
14. (15) Libya	49,500	1.7

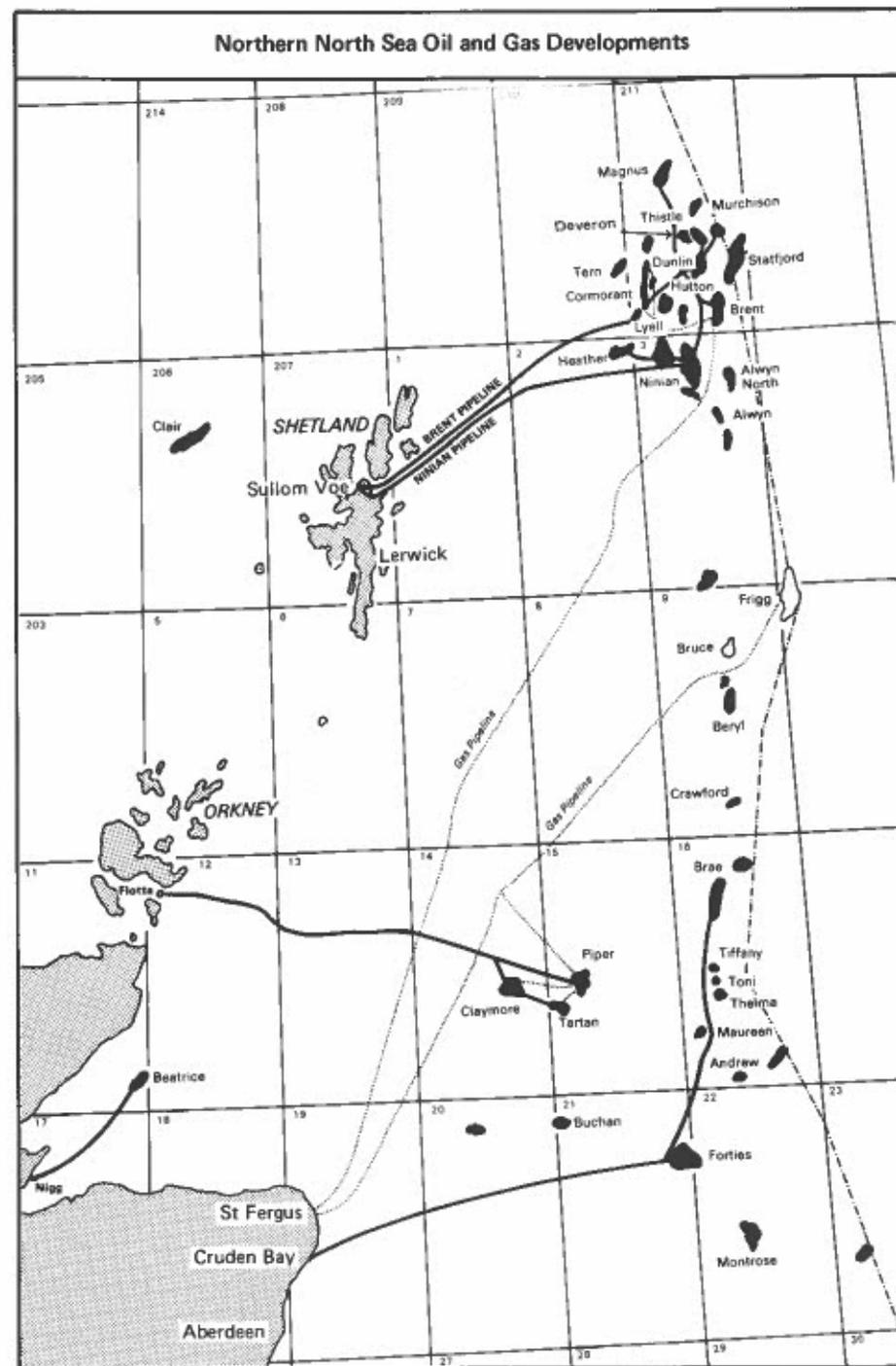
Source: Institute of Petroleum, London.

\* Shetland Production Figures are included in the UK figures. The placing in parentheses (13) (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 metric tons	% of World Total Offshore Production
1. UK	<b>128,500</b>	<b>17.0*</b>
2. ( 1) Saudi Arabia	85,100	11.2
3. ( 2) Mexico	75,300	10.0
( 3) UK excluding Shetland	<b>70,500</b>	<b>9.3*</b>
4. ( 4) USA	62,500	8.3
( 5) Shetland	<b>58,000</b>	<b>7.7*</b>
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', PennWell Books, Richmond, Surrey.



**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	336	(41)	460	(37)	642	(46)
<b>Total Employees</b>	<b>921</b>	<b>(50)</b>	<b>1,048</b>	<b>(49)</b>	<b>1,240</b>	<b>(54)</b>

	1984	% local	1985	% local	1986*	% local
SIC Ports & Harbours	96	(71)	99	(72)	99	(72)
Shetland Towing	91	(93)	92	(93)	92	(93)
BP	413	(54)	414	(56)	583	(58)
Sub-Contractors	618	(54)	475	(62)	230	(63)
<b>Total Employees</b>	<b>1,218</b>	<b>(58)</b>	<b>1,080</b>	<b>(63)</b>	<b>1,004</b>	<b>(63)</b>

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

\*Estimate March 1986

**2. Marine Service Bases in Lerwick**

Base	Area in Hectares (Acres)	Berths Operational
BP Petroleum Development Ltd.	1.91 (4.25)	2
O.I.L. (Shetland) Ltd. (Greenhead Base)	16.20 (40.00)	9
O.I.L. (Shetland) Ltd. (Point of Scattland 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 one supply vessel is available at Scalloway and Baltasound Harbours.

**Marine Services Employment (Mid Year estimates)**

	1972	1976	1981	1982	1983	1984	1985	1986*
	21	185	391	327	316	271	295	318

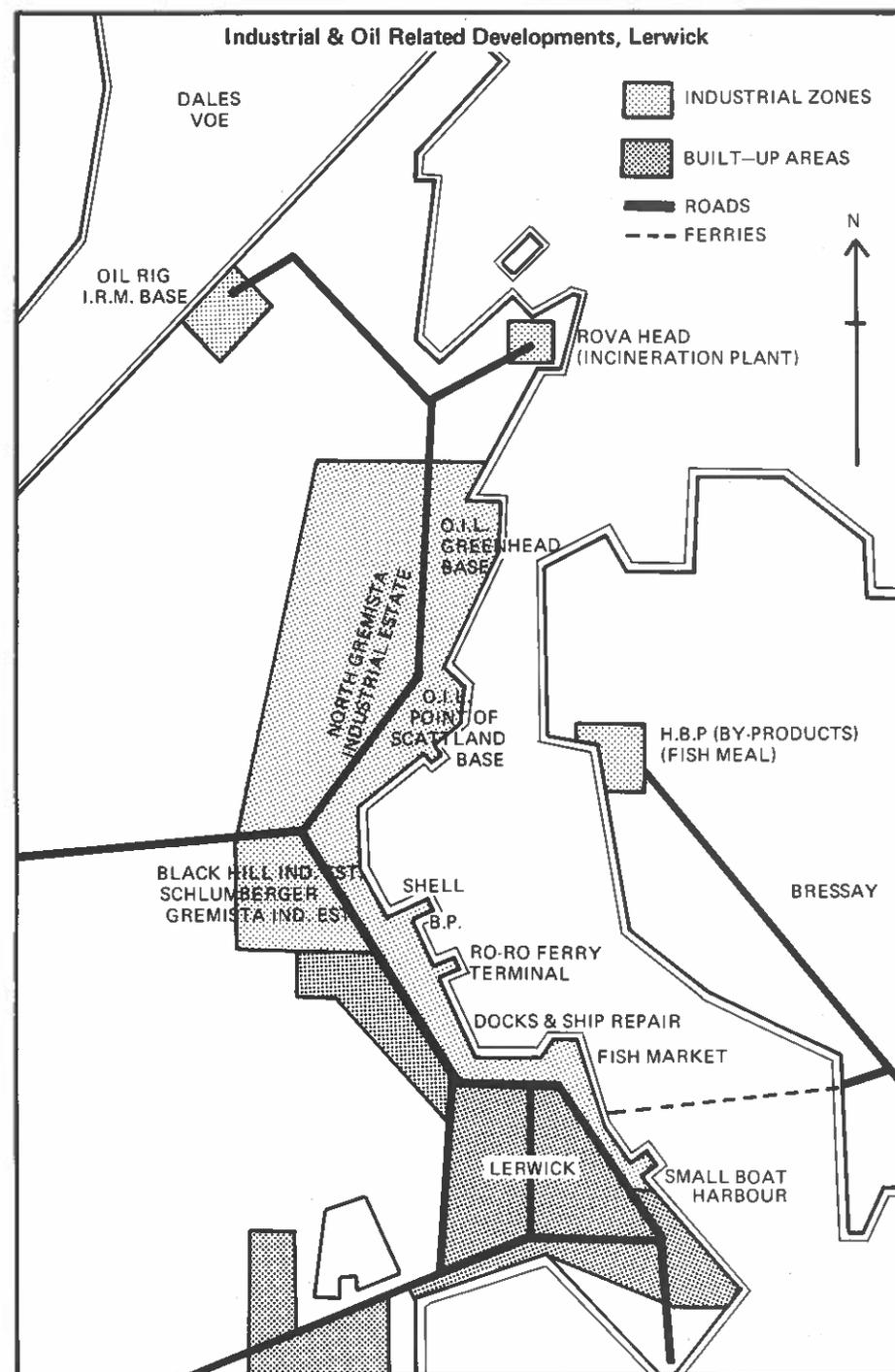
Source: Joint Employment Monitoring Group  
 SIC Survey

\*Estimate March 1986

**3. For Air Service details see the Transport Statistics on pages 47-50 inc.**

**4. Output Values, 1982-1983:**

Total Operating Receipts of Shetland oil firms were in the range of £145 to £170 million. 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.





## Crafts

Shetland has a long tradition of producing high quality craft goods. The main products apart from knitwear are tweed, sheepskins, jewellery (using local stones and designs) and silverwork, pottery, woodwork, tapestry, printed goods and cast figurines.

Excluding knitwear, these crafts provided regular employment for around 55 people in 1983 in over 20 businesses, as well as an additional number on a more seasonal basis. There are also approximately 40 more people employed in the printing industry. While the total number of people employed is not high, many of the businesses are located well outside Lerwick and provide a valuable source of income in the rural areas. The value of output (sales) in 1985 was estimated to be c. £600,000.

## Industrial Sites

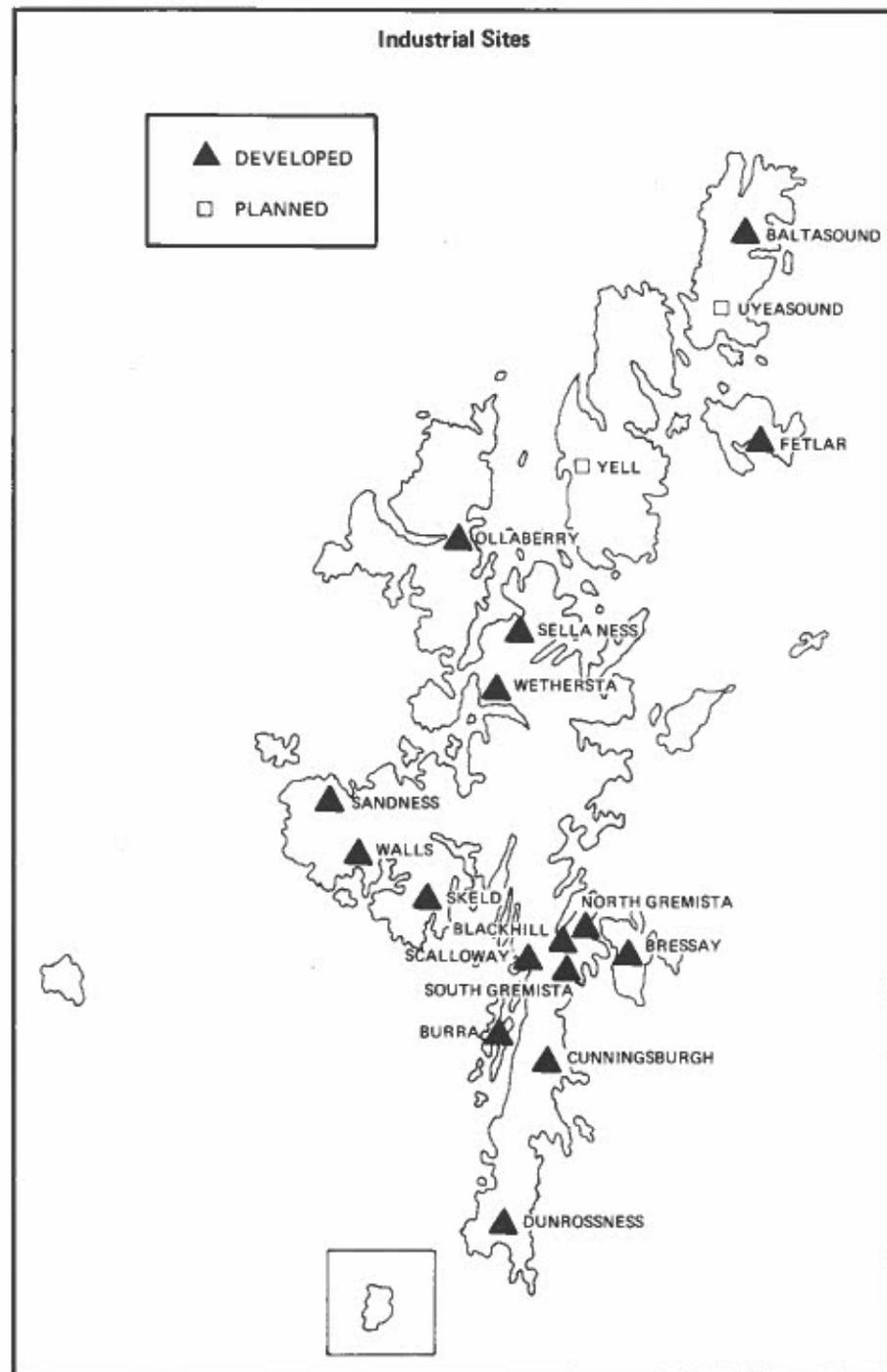
Sixteen serviced sites and estates have been developed in Shetland, and two more are planned for future years.

Industrial Site	Developer	Area in hectares (acres)	
<b>Developed:</b>			
Baltasound	SIC	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	5.45	(13.47)
Sandness	SIC	0.60	( 1.48)
Sella Ness	SIC	8.87	(21.91)
Walls	SIC	0.60	( 1.48)
Wethersta	SIC	0.31	( 0.77)
<b>Planned:</b>			
Uyeasound	SIC	0.34	( 0.84)
Yell	SIC	0.52	( 1.28)

SIC = Shetland Islands Council

LHT = Lerwick Harbour Trust

BP = BP Petroleum Development Ltd.



# Tourism

## Accommodation capacity available to the Shetland Tourist Organisation by bed spaces:

Type of Accommodation	1982	1983	1984	1985
Lerwick Hotels	227	244	374	366
Country Hotels	350	347	318	346
Lerwick Guest Houses*	—	—	29	33
Country Guest Houses*	—	—	112	86
Lerwick Bed & Breakfast	108	78	63	75
Country Bed & Breakfast	234	131	46	119
Self Catering, Cottages, etc.	247	250	230	345
Caravans	115	46	25	30
Hostels	56	76	76	140
<b>Total</b>	<b>1,337</b>	<b>1,174</b>	<b>1,273</b>	<b>1,540</b>

\*New Category, introduced 1984

## Employment in Tourism in Shetland

	1978	1981	1983	1985
Hotels & Guest Houses	161	233	292	No accurate figures available
Bed & Breakfast Accommodation			40*	
Self Catering, Cottages, etc.			63*	
<b>Total</b>			<b>395</b>	

\*Mostly Part-time employment

## Origin of Visitors\*

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

\*Visitor Survey 1984

## Bed Occupancy Rate in Shetland by Accommodation Category

(Seasonal Average)	1981	1982	1983	1984	1985
Hotels & Guest Houses	29%	39%	48%	55%	No accurate figures available
Self Catering, Cottages, etc.	94%	91%	40%	61%	
Bed & Breakfast		75%	54%	54%	
Hostels		80%	50%	50%	
Caravans		80%	50%	50%	

## P&O Ferries Mini-Cruise Passengers

1978	1981	1982	1983	1984	1985
4,761	3,964	2,389	2,108	3,492	1,897

## Cruise Liner Passengers

1980	1981	1982	1983	1984	1985
7,540	3,564	4,900	3,820	5,399	5,790

## Total Visitor Expenditure in Shetland

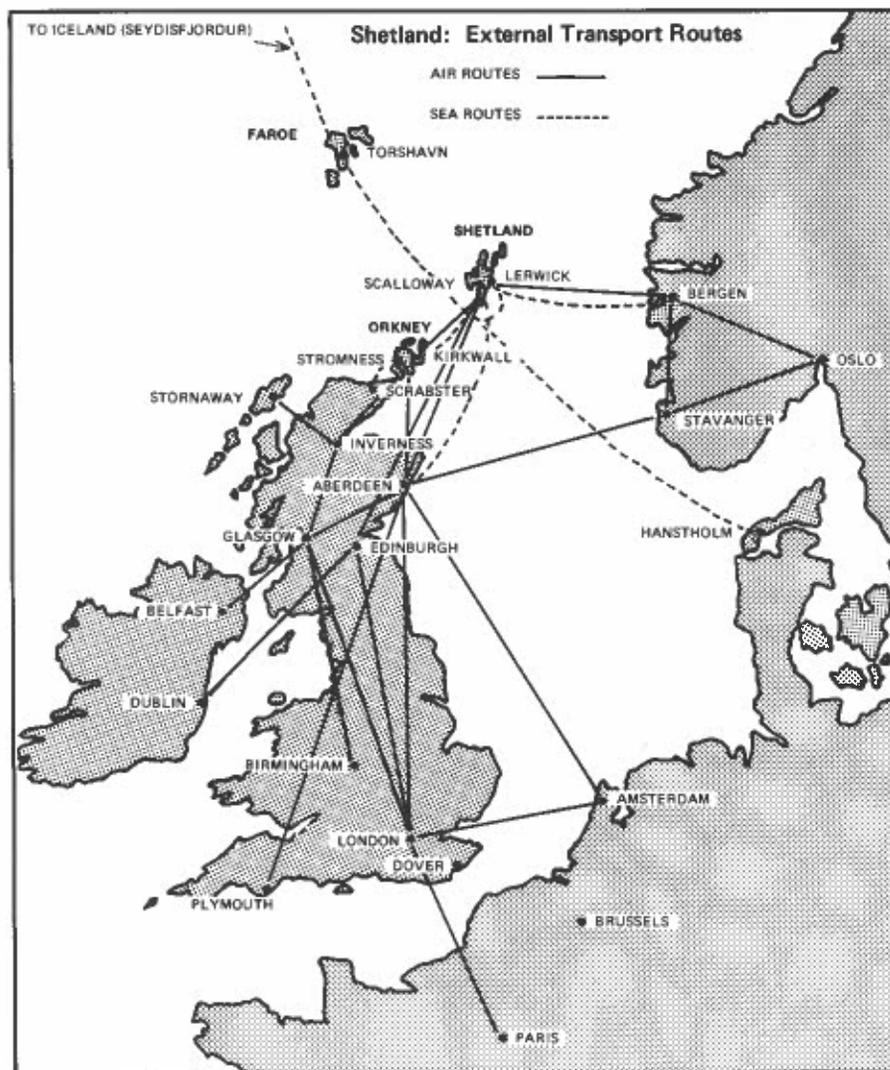
1982	1983	1984	1985
£3.6 million*	£4.1 million†	£4.8 million†	£5.9 million†

Visitors include both tourists and business visitors.

These figures include accommodation, and any goods and services purchased in Shetland.

Source: \* McNicoll, I.H., Survey of the Shetland Economy, 1982-1983.

† Shetland Islands Council Estimate.



# Transport

## Internal 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)
	SIC Vehicle Ferry	S	
Skerries	Air	C	Grass (381 x 18m)
	SIC Ferry	S	
Whalsay	Air	S	Rolled Gravel (Firm) (457 x 18m)
	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)
Fair Isle	Air	S	Rolled Gravel (Firm) (457 x 18m)
Papa Stour	SIC Ferry	S & C	
Vaila	Ferry (P)	C	
Foula	Air	C	Soft Gravel 457 x 18m)
	Ferry	S	

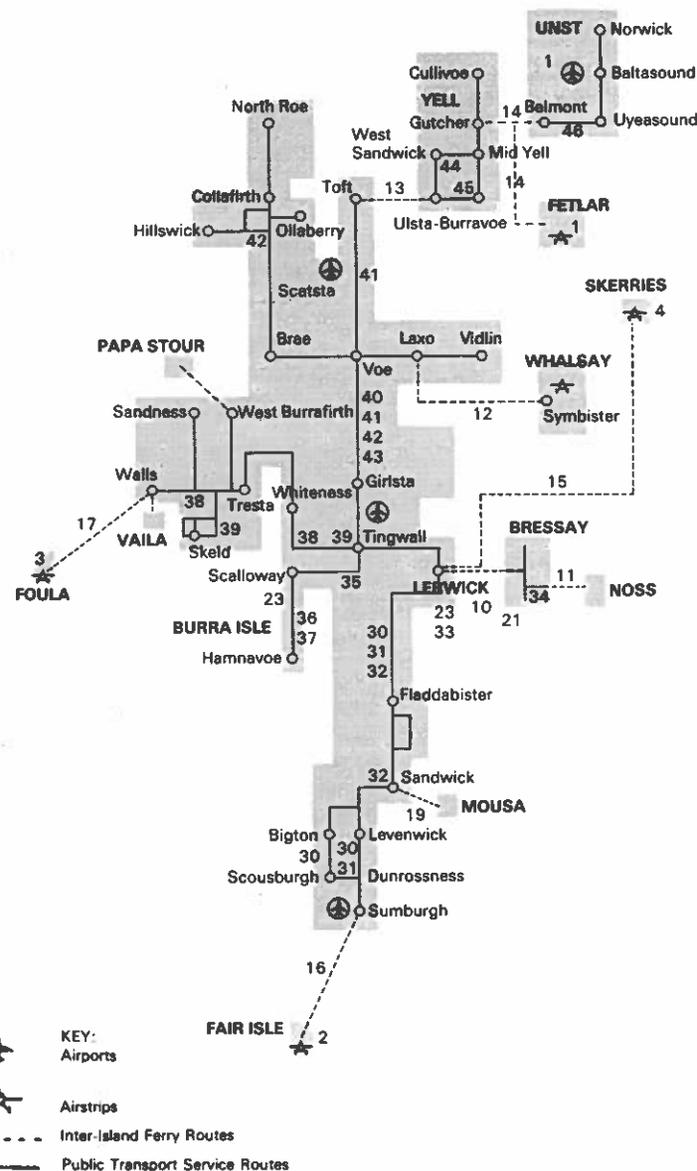
S = Scheduled C = Charter All internal air services are operated by Loganair Ltd.

### Bus Services also operate from:

Routes	Operator*
Lerwick to:	
Sumburgh, Sumburgh Airport	A. Eunson; J. Leask & Son
Sandwick	Sandwick Transport Co. Ltd.
Brae - Hillswick/North Roe	Shalder Coaches Ltd.
Brae - Mossbank	Shalder Coaches Ltd.
Weisdale - Skeld; Weisdale - Walls	J. Watt & Son;
Voe - Toft (for Yell, Unst & Fetlar)	Shalder Coaches Ltd.
Laxo (for Whalsay)	J. Leask & Son
Scalloway, Burra	J. Leask & Son
Lerwick	Shalder Coaches Ltd.
Town Service	Sound to North Staney Hill via
Yell:	Town Centre & Lochside & return
	J. Leask & Son
	R. Jamieson
	A. Williamson
Unst:	Belmont - Saxa Vord/Baltasound
	P.Y. Mills
	* may vary from Oct. 1986

Present Schedule of County Highways:	Principal Roads.....	197.40 km. (123.38 miles)
	Other Class I Roads.....	26.68 km. ( 16.68 miles)
	Class II Roads.....	153.88 km. ( 96.18 miles)
	Class III Roads.....	166.70 km. (104.19 miles)
	Unclassified Roads.....	331.50 km. (207.19 miles)
	<b>Total.....</b>	<b>876.19 km. (547.62 miles)</b>

## Shetland: Internal Transport



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	1981	1982	1983	1984	1985
Yell	109,755	93,704	71,192	59,160	82,557
Unst/Fetlar	44,570	41,089	39,669	31,952	51,331
Bressay	92,454	109,279	104,342	121,607	100,890
Whalsay	42,631	44,617	40,985	41,578	43,021

#### Vehicles

Ferry Route	1981	1982	1983	1984	1985
Yell	50,310	55,326	57,134	58,606	59,680
Unst/Fetlar	22,897	29,175	28,527	30,898	33,387
Bressay	23,414	29,911	30,381	32,647	29,954
Whalsay	19,330	21,048	25,897	27,382	30,740

## 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		
January	2,188	344
February	1,218	208
March	2,472	412
April	4,944	678
May	5,940	745
June	8,694	1,199
July	12,389	1,806
August	10,796	1,659
September	6,295	806
October	4,807	812
November	2,345	422
December	2,751	413
<b>Total</b>	<b>64,839</b>	<b>9,504</b>

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

### Smyril Line Services Passengers and Vehicles\*

	Passengers	Vehicles
1984	4,962	544
1985	5,772	531

\*Total embarking and disembarking

#### Freight on P & O Ferries Services

	1981	1982	1983	1984	1985
Commercial Vehicles	24,327*	24,077*	18,157*	16,624*	18,814*
Commercial Trailers	26,959*	38,055*	34,627*	34,232*	29,573*
Unaccompanied Cars	3,941*	4,534*	5,218*	4,575*	4,687*

\* Running metres

#### Shipping in Lerwick Harbour

	1971	1981	1982	1983	1984	1985
General	316	418	459	451	586	639
HM Ships	41	62	42	60	40	48
Oil	51	140	128	106	134	135
Oil Rig Tenders	79	1,556	1,601	1,300	1,344	1,277
Other Vessels	448	480	635	582	530	710
British Fishing	1,440	677	698	722	1,068	1,302
Foreign Fishing	1,580	246	265	329	266	195
<b>Total All Shipping</b>	<b>3,955</b>	<b>3,579</b>	<b>3,827</b>	<b>3,550</b>	<b>3,968</b>	<b>4,306</b>

#### Foreign Fishing Vessels

	1971	1981	1982	1983	1984	1985
Bulgaria	—	—	—	—	—	6
Chile	—	—	—	—	1	—
Denmark	374	117	131	115	103	65
Faroe	242	14	15	21	9	8
Finland	6	—	—	—	—	—
France	16	13	14	22	28	16
Germany	3	1	—	—	—	8
Germany (East)	—	—	—	18	19	11
Iceland	215	2	1	—	—	3
Netherlands	12	—	—	8	7	8
Norway	551	96	103	143	87	66
Poland	1	2	—	—	1	—
Portugal	—	—	—	—	1	1
Sweden	100	1	1	1	2	—
USSR	60	—	—	1	8	3
<b>Total</b>	<b>1,560</b>	<b>246</b>	<b>265</b>	<b>329</b>	<b>266</b>	<b>195</b>

**Total Tonnage Handled in Lerwick Harbour (weight of containers excluded)**

	1971	1981	1982	1983	1984	1985
General Cargo Imports	45,760	200,077	233,438	271,197	258,718	235,041
General Cargo Exports	48,849	57,471	62,196	47,959	53,174	49,578
Oil Related Imports	342	288,999	305,767	220,971	235,465	300,314
Oil Related Exports	—	421,807	469,202	458,575	436,419	486,059
<b>Total</b>	<b>94,951</b>	<b>968,354</b>	<b>1,070,603</b>	<b>998,702</b>	<b>983,776</b>	<b>1,070,992</b>

**Lerwick Harbour Trust Revenue**

	1971	1981	1982	1983	1984	1985
	£49,000	£2,100,000	£2,470,000	£2,600,000	£2,727,000	£3,062,000

**Total Tonnage Handled in Scalloway Harbour (weight of containers excluded)**

Imports (tonnes)	1983	1984	1985
Fish	125	92	449
Salmon Feed	18	218	552
Miscellaneous Cargo	440	430	1,109
Bulk Tar	2,031	2,129	1,046
<b>Total</b>	<b>2,614</b>	<b>2,869</b>	<b>3,156</b>
Exports (tonnes)	1983	1984	1985
Frozen Fish	3,857	1,840	2,903
Offal	8,882	3,441	6,037
Salmon	—	23	40
Sandeel	—	4,170	5,084
Miscellaneous Cargo	410	94	262
<b>Total</b>	<b>13,149</b>	<b>9,568</b>	<b>14,326</b>

**Sullom Voe Port Operations**

These are controlled by the Shetland Islands Council from a £1 million Port Administration Building and Communications Centre at Sella Ness.

	1981	1982	1983	1984	1984
Imports (tonnes)	99,458	38,535	32	306	1,606
Exports (tonnes)	39,893,552	46,355,957	54,432,215	59,679,284	59,018,111

**UK Port Traffic 1985 (Provisional Figures)**

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**

1985 saw a further stabilisation of passenger and aircraft movements throughout Shetland. Post oil terminal construction levels of traffic were maintained at Scatsta Airport. Tingwall and Unst traffic remained relatively static. There was a slight upward trend in oil-related traffic using Sumburgh Airport, but not a significant increase.

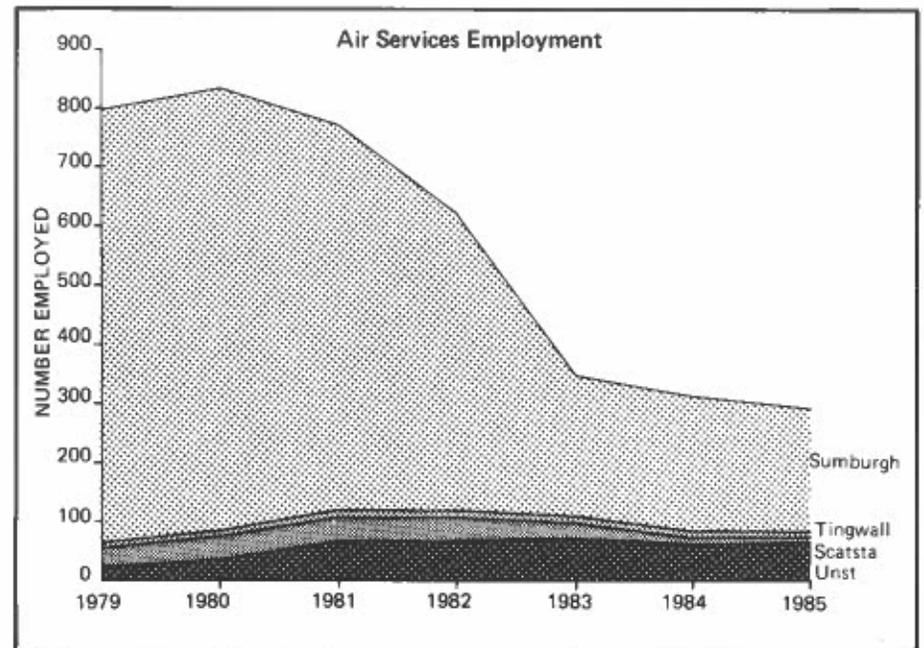
**Total Aircraft Traffic at Sumburgh, Scatsta, Unst and Tingwall\***

	1980	1981	1982	1983	1984	1985
Aircraft Movements	62,014	52,863	39,144	28,266	31,666	29,664
Passengers	894,770	784,545	546,485	378,408	384,465	369,434

\*Includes all passengers on scheduled services

**Air Services Employment**

	1979	1980	1981	1982	1983	1984	1985	1986 (Feb)
Sumburgh	734	748	650	501	238	232	209	206
Tingwall	6	6	12	10	10	10	10	10
Scatsta	33	42	42	41	28	12	9	10
Unst	23	37	68	69	72	61	66	66
<b>Total</b>	<b>796</b>	<b>833</b>	<b>772</b>	<b>621</b>	<b>348</b>	<b>315</b>	<b>294</b>	<b>292</b>



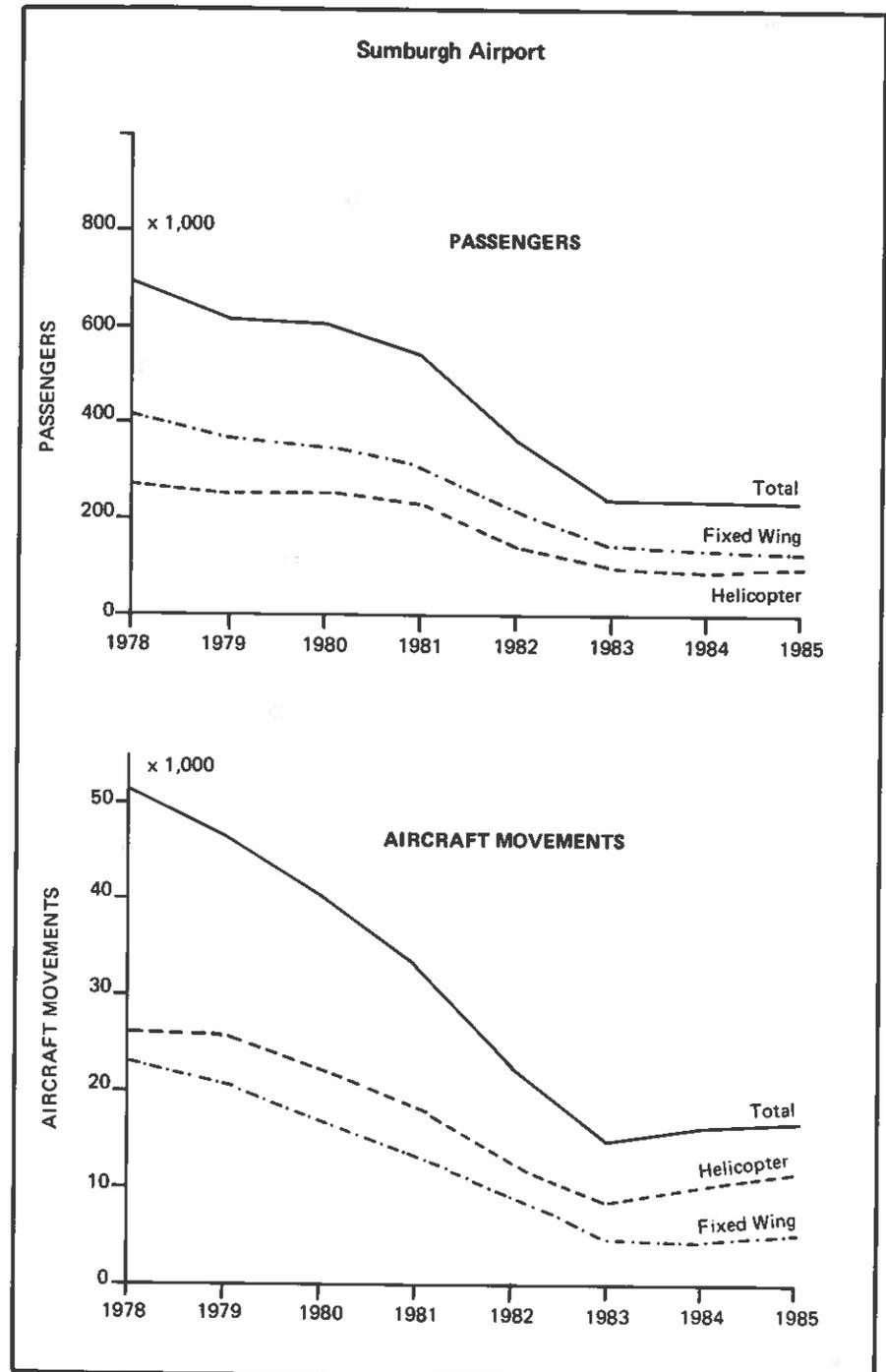
**Sumburgh Airport Traffic: Passengers and Freight**

	Total Passengers	Fixed Wing Scheduled Passengers	Charter Passengers & Others	Helicopter Passengers	Freight (kgs)
1976	250,778	78,654*	84,111	88,013	1,574,338
1978	685,492	90,601*	323,151	271,740	1,950,287
1979	622,446	89,324*	279,908	253,214	3,274,754
1980	608,169	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	247,651	61,326	84,162	102,190	1,481,389
1984	235,693	58,550	80,052	97,091	1,709,011
1985					
January	16,138	3,738	5,276	7,124	115,705
February	15,346	3,992	5,176	6,178	116,237
March	17,547	4,594	5,428	7,525	126,354
April	19,249	5,451	5,582	8,216	129,772
May	21,067	5,496	6,774	8,797	150,918
June	20,267	5,878	6,151	8,238	129,861
July	21,946	6,177	6,892	8,877	139,962
August	22,208	6,561	7,169	8,607	141,206
September	20,021	5,317	6,650	8,054	144,198
October	23,458	5,238	7,175	11,045	134,697
November	20,675	4,339	6,553	9,783	138,920
December	21,108	3,943	6,575	10,590	131,548
<b>1985 Total</b>	<b>239,159</b>	<b>60,724</b>	<b>75,401</b>	<b>103,034</b>	<b>1,599,378</b>

\* Fixed Wing - Scheduled passengers 1972-80 include external and internal flights. Internal flights now operate through Tingwall Airport.

**Sumburgh Airport Aircraft Movements**

	Total	Fixed Wing	Helicopter
1976	25,694	13,030	12,664
1978	50,666	23,843	26,823
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			
January	1,270	429	841
February	1,122	433	689
March	1,311	464	847
April	1,407	465	942
May	1,369	443	926
June	1,375	458	917
July	1,567	509	1,058
August	1,500	502	998
September	1,335	504	831
October	1,636	464	1,172
November	1,577	409	1,168
December	1,535	400	1,135
<b>1985 Total</b>	<b>17,004</b>	<b>5,480</b>	<b>11,524</b>



### Scatsta Airport Traffic

	1980	1981	1982	1983	1984	1985
Passengers	136,019	109,063	52,917	11,823	14,313	14,938
Aircraft Movements	6,406	5,758	3,933	2,556	2,593	2,548

### Tingwall Airport Traffic

	1980	1981	1982	1983	1984	1985
Passengers	12,194	12,180	13,558	14,575	14,925	14,364
Aircraft Movements	2,921	2,815	2,966	3,291	3,322	3,344

### Unst Airport Traffic

#### Passengers

	1980	1981	1982	1983	1984	1985
Fixed Wing	61,020	53,113	50,006	52,147	54,110	50,104
Helicopter	77,368	67,451	62,697	52,212	61,799	50,869
<b>Total</b>	<b>138,388</b>	<b>120,564</b>	<b>112,703</b>	<b>104,359</b>	<b>115,909</b>	<b>100,973</b>

#### Aircraft Movements

	1980	1981	1982	1983	1984	1985
Fixed Wing	5,223	4,206	2,486	2,400	2,338	2,158
Helicopter	5,991	5,834	6,347	4,764	5,426	4,610
<b>Total</b>	<b>11,214</b>	<b>10,040</b>	<b>8,833</b>	<b>7,164</b>	<b>7,764</b>	<b>6,768</b>

### Small Airfield Traffic

#### Passengers

Airfield	1980	1981	1982	1983	1984	1985
Fair Isle	923*	841†	1,179	1,118	1,704	1,596
Fetlar	58	57	46	109	50	52
Foula	562*	1,175	1,081	1,052	1,228	1,276
Skerries	280	271	330	520	603	554
Whalsay	120*	80*	90*	80*	90*	100*

#### Aircraft Movements

Airfield	1980	1981	1982	1983	1984	1985
Fair Isle	316*	238	434	408	478	426
Fetlar	84	52	56	53	44	38
Foula	200	310	288	290	364	344
Skerries	138	138	186	300	264	154
Whalsay	82	78	96	70	76	72

\* = Estimate; † = Includes Scheduled Passengers Only

## Social Provision & Services

### COST OF LIVING & ECONOMIC INDICES

Indices	Nov. 1981	Nov. 1982	Nov. 1984*	Jun. 1985*
Shetland: Lerwick	112.1	112.0	99.5	108.9
Remote	119.5	119.4	110.2	116.4
Village A	115.3	118.3	115.0	114.2
Village B	120.0	116.9	117.6	118.1
Village C	119.6	119.8	117.2	116.9
Rural Average	112.1	110.6	108.5	108.2
Aberdeen	100.0	100.0	100.0	100.0

The 1981 and 1982 indices were 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 took place and this survey was repeated in June 1986. Further information can be obtained from the survey co-ordinator, G.A. Mackay, Balloan House, Inverness, IV1 2AB.

### HOUSING

Housing Stock (Occupied Units: April each year)

Type	1981	1983	1984	1985	1986 (Jan)
Shetland Islands Council	2,655	2,610	2,605	2,630	2,630
Private and Others	5,507	5,840	5,771	5,818	5,929
Scottish Special Housing Association	156	154	152	152	147
<b>Total</b>	<b>8,328</b>	<b>8,604</b>	<b>8,528</b>	<b>8,600</b>	<b>8,698</b>

### VEHICLE OWNERSHIP

Vehicles licensed in Shetland on 31st December

Type	1971	1981	1983	1984	1985*
Private Cars and Vans	3,600	7,048	7,054	7,138	7,584
Goods Vehicles (inc. Agricultural)	440	801	758	717	372
Buses and Coaches	138	164	158	168	183
Motor Cycles	350	545	385	374	391
Miscellaneous	652	831	915	956	964
<b>Total</b>	<b>5,180</b>	<b>9,389</b>	<b>9,270</b>	<b>9,353</b>	<b>9,494</b>

1971 figures: Local Taxation Office.

1981, 1983, 1984 and 1985 figures: 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	1985	1986
Primary Teachers.....	91	117	164	140	150
Secondary Teachers.....	88	124	142	162	162
Further Education Teachers.....	2	4	9	10	13
<b>Total.....</b>	<b>181</b>	<b>245</b>	<b>313</b>	<b>312</b>	<b>325</b>

### Primary Education

#### Primary School Rolls as at January each year

	1971	1976	1981	1985	1986
Baltasound Junior High.....	103	100	106	81	71
Mid Yell Junior High.....	56	76	65	52	53
Brae Junior High.....	44	68	171	172	170
Symbister House Junior High.....	125	149	146	124	121
Aith Junior High.....	67	63	52	74	77
Scalloway Junior High.....	120	136	150	142	138
Sandwick Junior High.....	44	81	96	58	65
Haroldswick Primary.....	38	33	21	26	30
Uyeasound Primary.....	21	27	16	9	8
Cullivoe Primary.....	21	23	24	23	24
Burrae Primary.....	38	31	36	27	29
Fetlar Primary.....	14	6	15	10	9
North Roe Primary.....	17	16	23	19	17
Ollaberry Primary.....	18	12	16	24	29
Urafirth Primary.....	26	29	37	38	33
Mossbank Primary.....	0	0	136	107	117
Firth Primary.....	16	0	0	0	0
Olnafirth Primary.....	19	30	46	49	44
Lunnasting Primary.....	20	22	38	34	26
South Nesting Primary.....	16	14	26	19	21
Skerries Primary.....	16	12	11	10	8
Sandness Primary.....	6	7	15	15	21
Foula Primary.....	4	4	7	8	7
Papa Stour Primary.....	0	0	5	4	3
Happyhansel Primary.....	43	40	48	52	55
Gruting Primary.....	12	11	9	0	0
Skeld Primary.....	13	26	36	22	19
Whiteness Primary.....	31	56	87	66	68
Burra Primary.....	16	0	0	0	0
Hamnavoe Primary.....	64	65	107	111	110
Gott Primary.....	41	43	52	39	50
Cunningsburgh Primary.....	56	74	77	60	59
Dunrossness Primary.....	123	152	209	149	149
Fair Isle Primary.....	3	9	11	7	8
Quarff Primary.....	17	19	23	19	21
Bressay Primary.....	24	38	20	21	21
Bells Brae Primary.....	722	790	501	446	416
Sound Primary.....	0	0	292	318	400
<b>Total.....</b>	<b>2,014</b>	<b>2,262</b>	<b>2,730</b>	<b>2,434</b>	<b>2,505</b>

## Secondary Education

### Secondary School Rolls as at January each year

	1971	1976	1981	1985	1986
Anderson High.....	571	770	915	925	933
Baltasound Junior High.....	36	58	75	45	47
Mid Yell Junior High.....	43	58	48	67	56
Brae Junior High.....	47	68	164	252	263
Symbister House Junior High.....	36	54	62	58	49
Aith Junior High.....	35	65	61	68	61
Scalloway Junior High.....	72	129	132	140	144
Sandwick Junior High.....	55	87	121	134	130
Skerries School.....	2	6	5	6	7
<b>Total.....</b>	<b>897</b>	<b>1,295</b>	<b>1,583</b>	<b>1,695</b>	<b>1,690</b>

### Further Education

#### Students Enrolled on Further Education Courses

	1971	1976-77	1980-81	1984-85	1985-86
Full Time.....	—	—	—	25	30
Day Release.....	20	22	70	52	63
Short Full Time.....	20	34	50	57	70
Evening Class.....	557	815	1,109	973	913

## Social Work

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

	1982-83	1983-84	1984-85	1985-86
No. of Eventide Home Beds*.....	60	60	60	72
No. of beds in Group Home.....	6	6	6	6
No. of beds in Children's Home.....	10	10	10	10
No. of Sheltered Housing Schemes.....	34	36	36	36
No. of Sheltered Houses.....	250	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.....	c.60,000	45,250	45,107	50,000
No. of Telephone Rentals Paid.....	225	235	—	256
No. of Telephones newly installed or taken over.....	47	16	5	25
No. of Home Helps.....	332	325	320	303
No. of Home Help Clients.....	589	591	584	576

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

## Health Board

In Shetland the 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 the Grampian Health Board, who provide many specialist services to the population of Shetland.

### Expenditure

Revenue	1982-83	1983-84	1984-85
Board Administration	362,751	381,646	433,556
Hospital Running Costs			
a. Pay	1,757,755	1,939,891	2,136,515
b. Supplies & Services	746,551	796,433	851,134
c. Other Expenditure (labs., etc.)	87,085	80,153	97,560
	2,591,391	2,816,477	3,085,209
Less direct credits	42,044	51,240	69,121
	2,549,347	2,765,237	3,016,088
Community Services (School & Pre-school care, domiciliary services, health education, etc.)	786,227	860,965	921,684
Associated Services (Travelling expenses, local health council)	15,260	18,655	19,025
Primary Care			
a. Medical Services	641,674	644,934	717,290
b. Pharmaceutical Services	576,035	621,402	639,047
c. Dental Services	74,107	97,831	116,597
d. Ophthalmic Services	89,675	70,855	63,328
	1,381,491	1,435,022	1,536,262
Total Revenue Expenditure	5,085,101	6,358,194	6,461,229

## Hospitals

Name	Type	No. of Beds	Average % Occupancy			
			1982	1983	1984	1985
New Gilbert Bain	Acute & Maternity	73	70	63	59	64
Montfield *	Long Stay	87	94	93	96	96

\*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

	1981	1982	1983	1984	1985
Number of General Practitioners	16	19	19	19	19
Number of Nursing Staff:					
Full Time	145	151	153	162	164
Part Time	61	139	145	86	90
Number of Hospital Doctors	6	6	6	6	6

### New Gilbert Bain Hospital

	1979	1981	1982	1983	1984	1985
Number of Casualties	2,799	2,491	2,607	2,598	2,728	2,785
Number of Out-Patients	-	-	-	23,303	24,800	24,281
Number of In-Patients	-	-	-	2,006	1,907	2,106



Montfield Hospital, Lerwick.  
(Photo: John Coutts)

## Crime

The Shetland Sub-Division of the Northern Constabulary is run by the Northern Joint Police Committee, administered by the Highland Regional Council. The 1986-87 Requisition from the Shetland Islands Council was £664,200.

### Number of Police Stations in Shetland — 1986

Single Officer Police Stations: 4 (Baltasound, Cullivoe, 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
	21	28	45	37	36	36	36

### Number of Crimes and Offences Reported to the Police

	1980	1981	1982
Group 1: Non-sexual crimes against the person	72	24	34
Group 2: Crimes involving indecency	2	12	14
Group 3: Crimes involving dishonesty	392	352	350
Group 4: Fire-raising, malicious & reckless conduct	149	126	184
Group 5: Other crimes	112	83	56
Group 6: Miscellaneous	498	422	375
Group 7: Offences relating to motor vehicles	1,124	874	892
<b>Total</b>	<b>2,349</b>	<b>1,893</b>	<b>1,905</b>

### Number of Crimes and Offences Reported to the Police

	1983	1984	1985
Group 1: Non-sexual crimes against the person	18	24	19
Group 2: Crimes involving indecency	1	9	15
Group 3: Crimes involving dishonesty	306	376	346
Group 4: Fire-raising, malicious & reckless conduct	171	147	177
Group 5: Other crimes	44	77	75
Group 6: Miscellaneous	311	403	323
Group 7: Offences relating to motor vehicles	743	965	773
<b>Total</b>	<b>1,594</b>	<b>2,001</b>	<b>1,728</b>

In 1985, the Northern Constabulary Shetland Sub-Division achieved a crime detection rate of 86.7%.

## Fire Service

The Fire Service in Shetland is run by the Northern Joint Fire Committee, administered by the Highland Regional Council. The 1986-1987 Requisition from the Shetland Islands Council was £311,230.

### Number of Fire Units in Shetland, 1985

Location	Establishment	Appliances
<b>Retained:</b>		
Lerwick	20 + 2 full-time officers	2 Water Tender Ladders 1 Light Fire Appliance
Brae	18	2 Water Tender Ladders
<b>Volunteer:</b>		
Mid Yell, Sumburgh, Sandwick, Walls, Mossbank & Scalloway	12 per unit	1 Light Fire Appliance at each
* Baltasound, Whalsay	12 per unit	* mobile during 1986
Bixter, Bressay, Fair Isle, Fetlar, Hamnavoe, Hillswick & Foula	12 per unit	1 Portable Pump, Hose and Ancillary Equipment
<b>Total</b>	<b>208</b>	

### Number of Fires Attended

	1971	1981	1983	1984	1985
Chimney Fires	16	24	23	57	64
Special Services (pumping out boats, properties, etc., road traffic accidents)	5	17	12	5	7
Property and small fires	17	54	51	64	48
False alarms, good intent	2	6	13	16	23
False alarms, malicious	1	2	3	5	0
<b>Total</b>	<b>41</b>	<b>103</b>	<b>102</b>	<b>147</b>	<b>142</b>

## 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>John &amp; Frances MacFarlane</i> *
Type	Arun Class	Barnet
Capacity for Survivors	200	100
No. of Crew	6	7

\*In July 1986 the *John & Frances MacFarlane* is to be replaced by a new Arun Class boat, the *Snolda*.

### Number of Launchings and persons rescued by Lerwick and Aith RNLI:

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Launchings	6	10	14	6	14	10	17	12	21	14	12
Persons Rescued	0	6	8	8	0	14	6	14	13	6	4

## Electricity

No. of Consumers connected by area (as at December 31st each year)

	1971	1981	1982	1985
Burra/Trondra	259	378	380	
Bressay	110	179	181	
Unst	317	461	481	
Whalsay	250	362	364	
Yell	409	573	579	
Lerwick	2,794	3,517	3,519	
Scalloway	407	494	501	
South Mainland	947	1,465	1,469	
West Mainland	910	1,178	1,183	
North Mainland	766	1,538	1,559	
Fetlar	0	66	66	
<b>Total</b>	<b>7,169</b>	<b>10,211</b>	<b>10,282</b>	<b>10,693</b>

In 1983 the Hydro-Electric Board changed its data collection methods. The breakdown of consumers by area is no longer available.

### Breakdown into Categories

	1971	1981	1985*
Domestic	6,019	8,726	9,741
Farms	41	47	55
Public Lighting	7	33	1
Shops	214	260	4
Offices	66	90	880
Public Buildings	30	40	12
Hotels and Boarding Houses	19	22	
HM Forces	3	4	
Other Commercial and Public	702	915	
Water, Gas and Drainage	8	10	
Factories and Workshops	60	64	
<b>Total</b>	<b>7,169</b>	<b>10,211</b>	<b>10,693</b>

### Electricity Generation

	1982-83	1983-84	1984-85	1985-86
Units generated (kilowatt hours)	146,122,719	132,186,000	126,240,000	141,179,000
Maximum demand (megawatts)	32.30	28.90	28.80	29.80

\* In 1985 the Board rationalised its categories of consumers.

Distribution: (all figures = distances in kilometres)

	1971	1981	1983	1984	1985
33,000 Volt overhead lines	24.7	98.0	100.3	118.3	128.2
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	790.6	799.3
11,000 Volt underground cables	15.1	65.5	83.2	86.5	90.3
Low Voltage overhead lines	340.1	345.6	346.4	344.9	342.7
Low Voltage underground cables	18.9	65.6	83.3	87.5	92.9

## Postal Services

### Employees - Post Office

	1977	1981	1982	1983	1984	1985
Full Time Postal Staff	66	71	72	75	74	73
Part Time Postal Staff	23	21	20	17	17	17
Sub Postmasters	56	55	54	54	54	54*
Ancillary Staff	10	11	11	11	11	11
<b>Total</b>	<b>155</b>	<b>158</b>	<b>157</b>	<b>157</b>	<b>156</b>	<b>155</b>

\* Includes 3 part time Sub Postmasters

### No. of Letters Posted Weekly

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

### No. of Television Licences

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

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

## Telecommunications

### Employees: British Telecom (Scotland)

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

### Number of Telephone Connections (December each year)

	1971	1981	1983	1984	1985
Unst	143	308	348	362	
Yell	174	367	378	393	
Fetlar	21	36	37	40	
Northmavine	129	264	267	273	
Delting	147	1,070	888	905	
Walls & Sandness	129	247	249	250	Figures not available
Sandsting & Aithsting	175	284	294	305	at time of
Nesting & Lunnasting	81	168	188	198	going to press
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	
<b>Total</b>	<b>3,419</b>	<b>8,325</b>	<b>8,405</b>	<b>8,562</b>	

### No. of Telephone Calls by Shetland Users

	1981	1982	1983	1984	1985
Trunk Calls	3,418,300	2,577,300	1,957,200	1,697,800	not available
IDD Calls	37,438	33,406	29,168	43,895	available

### No. of Other Telecommunications Installations in Shetland

	1970	1981	1982	1983	1984	1985
Telex	5	102	77	83	90	not available
Datel	0	8	10	11	33	available



North Sea Oil: The Beryl B Production Platform.  
Photo: Mobil North Sea Ltd.)

# Shetland Islands Council

## POLITICAL ORGANISATION

Members (May 1986 to May 1990)

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

18. Whalsay & Skerries	<b>Henry A. Stewart</b> , 2 Gardentown, Symbister, Whalsay, ZE2 9AB. (Electorate 791. Returned unopposed)
19. Sandrtng & Aithsting	<b>Mrs Florence B. Grains</b> , Hoove, Whiteness, ZE2 9LL. (Electorate 700. 211 votes; 68% poll; 51% of total votes cast)
20. Walls & Sandness	<b>James W. Nicolson</b> , 13 South Lochside, Lerwick, ZE1 0RA. (Electorate 480. 179 votes; 73% poll; 43% of total votes cast)
21. Gulberwick, Quarff & Cunningsburgh	<b>Mrs Joan McLeod</b> , 2 Dandiegarth, Cunningsburgh, ZE2 9JP. (Electorate 659. 240 votes; 63% poll; 55% of total votes cast)
22. Burra & Trondra	<b>William A. Cumming</b> , Bonnieview, Southerhouse, Hamnavoe, ZE2 9LB. (Shetland Movement) (Electorate 651. Returned unopposed)
23. Sandwick	<b>Malcolm S. Bray</b> , Evrigarth, Sandwick, ZE2 9HW. (Shetland Movement) (Electorate 636. 165 votes; 55% poll; 47% of total votes cast)
24. Dunrossness North	<b>William Tait</b> , Bonavista, East Ireland, Bigton, ZE2 9JA. (Electorate 385. 288 votes; 62% poll; 85% of total votes cast)
25. Dunrossness South	<b>Magnus L. Flaws</b> , Westvoe, Virkie, ZE3 9JN. (Electorate 577. 195 votes; 61% poll; 78% of total votes cast)

Electorate numbers from the Register of Electors in use at the Shetland Islands Council Election, 8th May 1986.

## RATING AND VALUATION

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

\* Revaluation: 1st April 1978 and 1985

## REVENUE AND CAPITAL EXPENDITURE

	1985-86		1986-87	
	(Net) Revenue Expenditure £'000	Capital Expenditure £'000	(Net) Revenue Expenditure £'000	Capital Expenditure £'000
Development	774	213	763	192
Leisure & Recreation	871	76	920	485
Education	15,563	1,044	15,565	1,224
General Services:				
Cleansing	891	52	880	115
Sewerage	731	346	669	664
Other	699	98	782	237
Housing	984	4,488	1,033	6,416
Ports & Harbours	—	1,617	—	558
Policy & Resources:				
Police & Fire	856	—	975	—
Repairs & Renewals	536	—	(234)	—
Capital Fund	6,250	—	6,250	—
Housing Capital Fund	3,000	—	3,000	—
Other	606	359	679	625
Roads & Transport:				
Roads	6,531	2,697	6,727	3,763
Ferries	2,255	1,549	2,338	872
Other Transport	314	55	398	149
Social Work	2,405	88	2,527	241
Water	307	313	307	400
Contingency Reserve	342	—	1,803	—
<b>Total</b>	<b>43,915</b>	<b>12,995</b>	<b>44,382</b>	<b>15,941</b>

### Source of Finance for Revenue Expenditure

	1985-86 £'000	1986-87 £'000
State Support Grant	9,993	10,104
Taxes	33,922	34,278
	43,915	44,382

## COMMITTEES

Convener: Edward Thomason  
Vice-Convener: William Tait

Committee	Chairman
Chairmen's	Edward Thomason
Development	William A. Anderson
Education	William A. Smith
General Services	Robert S. Gray
Housing	William A. Cumming
Leisure & Recreation	Dr. T.M.Y. Manson
Policy & Resources	William Tait
Ports & Harbours	David J. Johnston
Roads & Transport	James C. Irvine
Social Work	Dr. J.A. Hunter

## DEPARTMENTS

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

Department	Director &	Address
Administration	Patrick Regan,	Quendale House, 31 Commercial Street, 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 Street, Lerwick, ZE1 0LR.
Environmental Health & Trading Standards	Douglas Smith,	3 Commercial Road, Lerwick, ZE1 0LX.
Finance	Malcolm Green,	4 Market Street, Lerwick, ZE1 0JN.
Housing	James McConville,	5 Harbour Street, Lerwick, ZE1 0LR.
Leisure & Recreation	John Nicolson,	Hillhead, Lerwick, ZE1 0EJ.
Personnel	Peter Taylor,	Personnel Manager, County Buildings, Lerwick, ZE1 0HD.
Ports & Harbours	Albert Flett,	Port Administration Buildings, Sella Ness, Sullom Voe, ZE2 9QR.
Planning	Gordon Mann,	Victoria Buildings, Esplanade, Lerwick, ZE1 0LL.
Research & Development	John Burgess,	93 St. Olaf Street, Lerwick, ZE1 0ES.
Social Work	Peter Malcolmson,	64 St. Olaf Street, Lerwick ZE1 0EN. (92 St Olaf Street, Lerwick, ZE1 0ES, from September 1986).

## Community Council Chairmen & Clerks

Aithsting & 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 Voesome, Bressay, ZE2 9EN. Clerk: Mrs K. Manson, Uphouse, Bressay, ZE2 9ES. Bressay 347
Burra & Trondra	Chairman: R. Hunter, Millburn, Bridge-End, Burra, ZE2 9LD. 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, Lochview, Scousburgh, ZE2 9JE. Clerk: J.A.F. Smith, Hayhoul 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, ZE2 0BD. Clerk: D.J. Holme, 1 Hayfield Court, Lerwick, ZE1 0AN. Lerwick 3565
Nesting & Lunnasting	Chairman: Mr 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, North Roe 275 ZE2 9RZ.
Sandness & 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, Stove, Sandwick, ZE2 9HH. Sandwick 284

Scalloway	Chairman: Mrs J. Walterson, Greystanes, Berry Road, Scalloway, ZE2 0UJ. Clerk: Mrs C. Jones, 16 Port Arthur, Scalloway, ZE1 0UW. Scalloway 516
Unst	Chairman: W. Henderson, Sotland, Haroldswick, ZE2 9EQ. Clerk: Mrs J. Ritch, Janefield, Baltasound, ZE2 9DX. Baltasound 465
Whalsay & Skerries	Chairman: W.A. Anderson, East Hammister, Symbister, ZE2 9AE. Clerk: H.A. Stewart, 2 Gardentown, Symbister, Whalsay, ZE2 9AB. Symbister 337
Whitiness, 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, Gremsiter, Herra, Mid Yell, ZE2 9BL. Clerk: D.R.A. Rushton, Stonganess, Cullivoe, ZE2 9DE. Gutcher 234



Industrial and Oil Related Developments, Lerwick.  
(Photo: Malcolm Younger)

## 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
Liberal majority.....	4,150
Total Electorate: 30,411 (Shetland:15,092; 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.....	18,847
Jack MacArthur (Lab).....	16,644
SNP majority.....	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

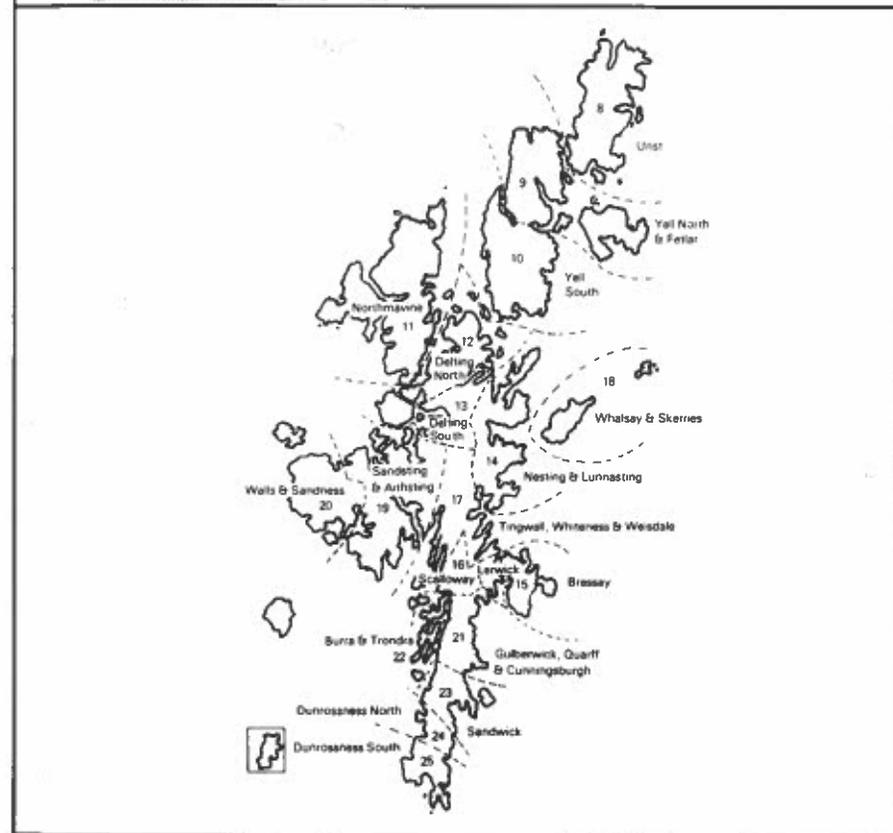
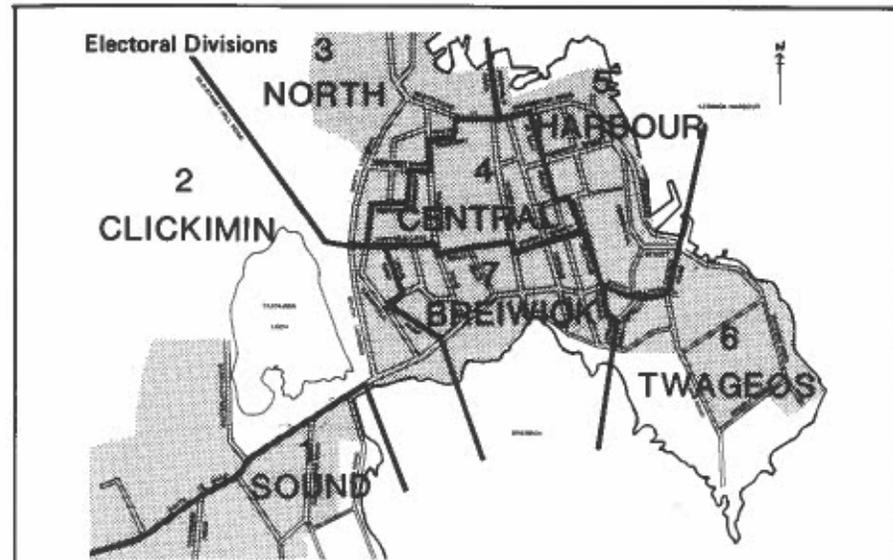
Referendum: In view of the proposals for devolution for Scotland, do you agree that the Shetland Islands Council should continue to press for Shetland's position to be considered through the establishment of a commission as proposed by Mr Grimond?

Yes.....	9,162
No.....	1,028
Majority.....	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
Majority.....	816
Total Electorate (Shetland): 13,437	



## Bibliography

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

General Interest		£
Salneaves, 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	15.00
Gear, S.	Fouta. Island West of the Sun	8.50
Graham, J.J.	The Shetland Dictionary	(Out of Print)
Ironneberg, R. (ed)	Island Futures	(Out of Print)
Ironneberg, R.	Jakobsen and Shetland	3.95
Henderson, T. (ed)	Shetland from Old Photographs	(Out of Print)
Irvine, J.W.	Up-Helly-Aa. A Century of Festival	6.00
Irvine, J.W.	Lerwick. The Birth and Growth of an Island Town	9.75
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	6.95
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	0.25
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	1.50
Vaterson, 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 & Shetland Area	
Shetland Islands Council	Economic Development Strategy for Shetland 1984	
Vilcox, 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 the Conservation & Development	3.00
Jamieson, H.	Harry's Shetland Fishing Almanac 1986	1.80
Nicolson, J.R.	Shetland's Fishing Vessels	(Out of Print)
Osler, A.	The Shetland Boat; South Mainland & 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	3.60
Graham, J.J. (intro)	The Statistical Account of Scotland, Vol. XIX, Orkney & Shetland. 1799 (reprint)	22.00
H.M.S.O.	Exploring Scotland's Heritage; Orkney & Shetland	6.95
Irvine, J.W.	Footprints	2.50
Laing, L.	Orkney & Shetland. An Archaeological Guide	6.95
Smith, B. (ed)	Shetland Archaeology.	15.00
Smith, H.D.	Shetland Life and Trade, 1550-1914	20.00
Witherington, D.J. (ed)	Shetland and the Outside World. 1469-1969	15.00
Knitting		£
Don, S.	The Art of Shetland Lace	6.95
Don, S.	Fair Isle Knitting	5.95
McGregor, S.	Traditional Fair Isle Knitting	7.95
National Trust for Scotland	Traditional Fair Isle Knitting Patterns	1.50
Smith, M. & Twatt, M.	A Shetland Pattern Book	1.80
Oil		£
Shetland Islands Council	Shetland's Oil Era	12.00
Research & Development Dept.		
Specialist		£
Clyde Cruising Club	Shetland Sailing Directions and Anchorages	7.00
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
Shetland Islands Council		
Leisure & Recreation Dept.	Shetland Community Directory	0.75
Shetland Islands Council		
Ports and Harbours Dept.	The Port of Sullom Voe	0.60
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Research & Development Dept.	The Shetland Directory	0.50

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**Wildlife and Natural History**

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**£**

Berry, J.R. & Johnston, J.L.	The Natural History of Shetland	12.95
Cox, M.	The Ponies of Shetland	0.60
Holloway, J.F. & Thorne, R.	The Birds of Fair Isle	2.00
Holloway, J.F.	Fair Isle's 'Garden' Birds	18.00
Shetland Bird Club	Shetland Bird Report 1985	
Spence, D.	Shetland's Living Landscape	6.50
Tulloch, R.	A Guide to Shetland Mammals	1.50
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Shetland Fishermen at Work  
(Photo: Charles H. Simpson)