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# SHETLAND in STATISTICS



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# WANTED Enterprising Shetlanders

Mr Frank Johnson of Northmavine Fish Processors recently won first prize in the North East area section of the *Enterprise Scotland* Competition for his new method of extracting the flesh from whole or filleted fish.

Mr Richard Smith, from Lerwick, won the second prize in the North East area section for his new type of anchor.

The *Enterprise Scotland* Competition was an attempt to encourage men and women with new business ideas to come forward and present them. It is clearly a great achievement that two Shetlanders could be placed in the top ten from all over Scotland.

It is hoped that the ideas of the two men will shortly be developed into manufacturing activities in Shetland.

There must be other local people who have equally promising ideas, which could be developed into new industries for Shetland.

If you are one of these people, discretionary financial and other assistance may be available from the Council and the HIDD.

Please contact in the first instance anyone in the Council's Research & Development Department to learn what help may be available.

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## List of Contents

<b>Physical</b>	Physical Characteristics .. .. .	2
	Climate .. .. .	3 - 4
<b>Economic</b>	Fishing & Processing .. .. .	5 - 7
	Agriculture .. .. .	8 - 9
	Tourism .. .. .	9
	Knitwear .. .. .	10
	Crafts .. .. .	10
	Oil .. .. .	11 - 16
	Employment .. .. .	17
<b>Transport</b>	Internal Transport .. .. .	18
	Ferries .. .. .	19
	Lerwick Harbour .. .. .	22
	Air Services .. .. .	23 - 25
	Vehicle Ownership .. .. .	25
<b>Social and other services</b>	Population .. .. .	26 - 27
	Housing .. .. .	27
	Education .. .. .	28 - 29
	Health Board .. .. .	30
	Social Work .. .. .	30
	Fire Service .. .. .	31
	Crime .. .. .	31 - 32
	Lifeboat .. .. .	25
	Postal Services .. .. .	32
	Telecommunications .. .. .	33
	Electricity .. .. .	34
<b>Miscellaneous</b>	Cost of Living .. .. .	35
	Community Councils .. .. .	35
	Electoral Statistics .. .. .	36
	Acknowledgements .. .. .	39
	Bibliography .. .. .	40
<b>Shetland Islands Council</b>	Members .. .. .	37
	Committees .. .. .	37
	Departments .. .. .	38
	Finance .. .. .	38
	Rating & Valuation .. .. .	39
<b>Map of Cental Lerwick</b>	.. .. .	20 - 21

## Physical Characteristics

**Total area of Shetland:** 552 sq. miles

### Area of inhabited islands:

Mainland .. .. .	351 sq. miles	Skerries (E&W) .. .. .	1 sq. mile
Unst .. .. .	47 sq. miles	Burra (E&W) .. .. .	5 sq. miles
Yell .. .. .	83 sq. miles	Trondra .. .. .	1 sq. mile
Fetlar .. .. .	15 sq. miles	Papa Stour .. .. .	3 sq. miles
Whalsay .. .. .	8 sq. miles	Foula .. .. .	5 sq. miles
Bressay .. .. .	11 sq. miles	Fair Isle .. .. .	2 sq. miles
Muckle Roe .. .. .	7 sq. miles	Vaila .. .. .	1 sq. mile

**Total length of coastline:** approx. 3,000 miles.

**Number of islands:** 100+

**Number of inhabited islands with bridge to Mainland:** 4.

### Principal hills in Shetland:

Unst:	Saxa Vord	935ft. (285m)
Northmavine:	Ronas Hill	1477ft. (450m)
Delting:	Marrofield	850ft. (259m)
Weisdale:	Scallafield	922ft. (281m)
Cunningsburgh:	Rölfield	962ft. (293m)
Dunrossness:	Fitful Head	929ft. (283m)
Foula:	The Sneug	1372ft. (418m)
	The Kame	1220ft. (372m)

### Distance by road in miles from Lerwick to:

Aith	21	Hillswick	35	Reawick	24	<b>YELL:</b>	
Bigton	18½	Isbister	39	Sandness	29	Burravoe	33½
Bixter	17	Laxfirth	6½	Sandwick	15	Cullivoe	49
Boddam	21½	Laxo Ferry	22	Scalloway	8	Gutcher	47
Brae	22	Levenwick	18	Stromfirth	12	Mid Yell	39
Bridge of Walls	23	Lunna	27	Sullom	29	Ulsta	29
Calback Ness	31	Mavis Grind	24	Sumburgh	24½		
Cunningsburgh	11	Mossbank	28½	Tingwall	6	<b>UNST:</b>	
Eshanness	39	Nesting	16	Toft Ferry	29	Baltasound	54
Girlsta	10	North Roe	38	Urafirth	31½	Belmont	47
Graven	29	Ollaberry	33	Voe	18	Haroldswick	57
Gruting	29	Park Hall	18	Walls	24½	Uyeasound	50
Gulberwick	3½	Quarff	7	Weisdale	11		
Hamnavoe (Burra)	10	Quendale	24	Whiteness	8		

### Approximate surface distance from Lerwick to:

Aberdeen	211 statute miles
Bergen	225 statute miles
Brussels	680 statute miles
Edinburgh	298 statute miles
John O'Groats	123 statute miles
Kirkwall	104 statute miles
London	598 statute miles
Tórshavn	228 statute miles

## Climate

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

**Meteorological Office employment — 1971:** 23 + 4 ancillary

**1980:** 29 + 2 ancillary

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 1980 are as follows:

### Temperature (degrees C)

	1980 monthly mean		1941-70 monthly mean		Extreme daily values (1922-1980)	
	Max.	Min.	Max.	Min.	Max. (Year)	Min. (Year)
Jan	+ 3.9	+ 1.5	+ 4.7	+ 1.3	+11.7 ('32, '50)	- 8.9 ('52, '59)
Feb	+ 4.8	+ 1.8	+ 4.7	+ 0.9	+11.7 ('45)	- 7.3 ('80)
Mar	+ 4.5	+ 1.3	+ 5.8	+ 1.8	+13.3 ('61)	- 8.3 ('47)
Apr	+ 8.2	+ 3.4	+ 7.9	+ 2.9	+16.1 ('42)	- 5.7 ('68)
May	+10.0	+ 4.8	+10.1	+ 5.1	+19.4 ('54)	- 2.8 ('23)
Jun	+12.8	+ 8.6	+12.5	+ 7.6	+23.3 ('58)	- 0.6 ('24, '29, '31, '51)
Jul	+13.5	+ 9.4	+14.0	+ 9.3	+22.8 ('26, '58)	+ 3.3 ('21)
Aug	+13.4	+10.1	+14.1	+ 9.6	+20.6 ('38, '47)	+ 1.7 ('21)
Sep	+13.0	+ 9.3	+12.6	+ 8.5	+19.4 ('53)	- 0.6 ('54)
Oct	+ 8.4	+ 5.1	+10.2	+ 6.7	+17.2 ('55)	- 3.3 ('48)
Nov	+ 6.0	+ 3.2	+ 7.3	+ 4.4	+13.9 ('46)	- 5.7 ('62)
Dec	+ 5.6	+ 2.7	+ 5.6	+ 2.4	+12.2 ('48)	- 8.3 ('61)
Year	+ 8.7	+ 5.1	+ 9.1	+ 5.0		

### Number of days in 1980 with:

	Snow or Sleet	Air Frost	Thunder	Gales	Thick Fog	Rain
Jan	11 (15.0)	7 (11.0)	0 (0.3)	6 (8.5)	0 (1.8)	26 (25)
Feb	9 (13.0)	7 (12.0)	0 (0.7)	0 (5.7)	6 (2.0)	20 (21)
Mar	14 (12.0)	7 (8.8)	0 (0.3)	3 (7.4)	1 (2.6)	24 (21)
Apr	5 (6.9)	4 (5.7)	0 (0.1)	3 (2.2)	2 (5.0)	16 (20)
May	2 (2.5)	0 (1.0)	0 (0.1)	0 (1.5)	2 (6.3)	9 (17)
Jun	0 (0+)	0 (0.1)	1 (0.3)	0 (1.3)	9 (7.7)	14 (16)
Jul	0 (0.0)	0 (0.0)	0 (0.3)	0 (0.6)	9 (6.9)	15 (17)
Aug	0 (0.0)	0 (0.0)	0 (0.3)	2 (0.5)	11 (6.9)	18 (17)
Sep	0 (0+)	0 (0.0)	0 (0.2)	1 (2.5)	10 (6.0)	25 (20)
Oct	5 (1.1)	2 (0.6)	0 (0.3)	3 (5.5)	0 (3.6)	23 (23)
Nov	14 (7.0)	7 (4.9)	1 (0.7)	5 (5.0)	1 (0.7)	22 (25)
Dec	19 (13.0)	4 (8.8)	2 (0.3)	12 (7.8)	1 (1.6)	31 (26)
Year	79 (70.5)	38 (52.9)	4 (3.9)	35 (48.5)	52 (51.1)	243 (248)

Figures in brackets are 1956-1970 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.

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 (inches)	
	1980 totals	Extreme daily totals	1980 totals	Extreme daily fall
Jan	23.7 (25)	6.6 ('39)	3.52 (5.04)	1.70 ('37)
Feb	36.4 (54)	9.8 ('40)	3.57 (4.13)	1.83 ('51)
Mar	52.9 (86)	11.6 ('64)	3.49 (3.66)	1.84 ('52)
Apr	157.6 (137)	14.8 ('26)	1.44 (2.72)	1.46 ('40)
May	216.1 (157)	16.2 ('40, '57, '80)	0.41 (2.52)	1.96 ('66)
Jun	131.6 (152)	17.4 ('34)	1.85 (2.64)	1.25 ('54)
Jul	93.9 (131)	16.6 ('35)	1.15 (2.68)	3.70 ('35)
Aug	53.3 (116)	15.1 ('28)	2.70 (2.95)	1.85 ('45)
Sep	81.0 (99)	13.0 ('24)	6.41 (4.29)	2.00 ('54)
Oct	81.0 (62)	10.1 ('37)	4.10 (4.84)	1.33 ('28)
Nov	18.2 (33)	6.8 ('61, '67)	5.96 (5.08)	2.81 ('49)
Dec	8.0 (15)	5.1 ('57)	7.63 (5.59)	1.78 ('51)
Year:	953.7 (1,067)		42.23 (46.14)	

Figures in brackets are 1941 - 1970 averages.  
Extreme daily totals are over the years 1921 - 1980.

## Wind Speed (knots)

	Monthly mean		Max. hourly mean speed 1921 - 1980			Highest Gust 1921-1980		
	1980	1941-1970	1980	Dir	Year	1980	Dir	Year
Jan	16.6	(17.0)	37	(64 010°	'53)	58	(95 220°	'61)
Feb	15.1	(15.9)	31	(56 220°	'57)	49	(83 280°	'43)
Mar	15.5	(16.1)	35	(53 240°	'67)	53	(77 240°	'67)
Apr	15.8	(14.2)	35	(55 250°	'57)	59	(78 250°	'57)
May	11.9	(12.4)	24	(43 230°	'58)	35	(65 240°	'56)
Jun	10.9	(11.9)	26	(42 260°	'55)	38	(61 260°	'55)
Jul	11.6	(11.3)	25	(40 030°	'40)	39	(61 290°	'64)
Aug	11.2	(10.9)	34	(49 240°	'23)	49	(69 240°	'23)
Sep	12.9	(13.1)	32	(59 210°	'78)	48	(87 270°	'63)
Oct	17.1	(15.1)	56	(58 230°	'65)	90	(90 250°	'80)
Nov	15.9	(15.4)	41	(51 220°	'38)	59	(80 280°	'36)
Dec	20.2	(16.8)	50	(58 240°	'36)	70	(90 220°	'56)

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

## Fisheries

### Fish landed in Shetland by UK vessels, 1980

	White Fish		Shellfish		
	Tonnes	£	Tonnes	£	
January	978.82	290657	45.45	16507	
February	1250.64	391584	82.75	60436	
March	1157.10	367423	98.09	71686	
April	1128.25	359180	125.32	78374	
May	842.57	254410	89.81	59451	
June	772.19	249976	75.13	38332	
July	875.69	233855	72.23	22714	
August	668.89	150407	80.72	18819	
September	826.82	176501	138.63	33687	
October	1037.07	273776	113.74	28741	
November	997.68	266310	89.73	34085	
December	707.62	229259	32.15	22798	
Totals:	11243.34	3,243,338	288.47	1043.75	485,630
1979	9673.88	3,039,123	314.16	1215.05	529,651
1976	13456.77	2,587,548	192.29	588.08	202,339
1971	17954.18	1,057,691	58.91	783.11	159,370

### Industrial Landings:

	Norway Pout		Sand Eels			
	Tonnes	£	Tonnes	£		
January	192.73	5691	0.00	0		
February	314.86	9297	0.00	0		
March	0.00	0	0.00	0		
April	8.13	216	1802.62	53032		
May	0.00	0	3249.33	94276		
June	0.00	0	6612.27	183254		
July	0.00	0	6837.70	183173		
August	0.00	0	5284.51	142482		
September	86.77	2562	1345.77	36100		
October	0.00	0	0.00	0		
November	0.00	0	0.00	0		
December	0.00	0	0.00	0		
Totals:	602.49	17,766	29.49	25132.20	692,317	27.55
1979	3015.34	87,231	28.93	13391.59	297,123	22.19
1976	11282.88	349,424	30.97	18548.24	515,398	27.79
1971	18.80	187	9.95	0	0	-

**Other fish landed 1980:**

		Tonnes	£	Av. quay price (£ per tonne)
Pelagic:	Mackerel	1966.69	104,381	53.07
	Herring	1.20	934	778.33
Industrial:	Sprats	11.07	4,893	442.00
	Blue Whiting	2683.58	74,171	27.64

**Included in the 1980 White Fish total:**

Cod	795.73	306,298	384.93
Haddock	3274.28	981,338	299.71
Whiting	6366.93	1,669,886	262.27

**Total fish landed in Shetland by UK vessels (all species):**

	Tonnes	£
1980	42683.32	4,623,430
1979	28688.25	4,071,287
1976	49634.66	4,219,470
1971	41877.14	1,806,631

**Weight and Value of Catch by Method, 1980:**

	Tonnes	£
Seine Net .. .. .	6601.88	1,878,127
Industrial Trawl .. .. .	25790.47	728,814
Light Trawl .. .. .	4518.47	1,326,904
Pair Trawl (White Fish) .. .. .	12.42	3,950
Purse Seine .. .. .	1936.97	102,773
Single Boat Pelagic Trawl .. .. .	2119.99	59,043
Two Boat Pelagic Trawl .. .. .	603.77	21,496
Queenie Trawl .. .. .	0.42	94
Motor Trawl .. .. .	17.65	6,098
Gill Net .. .. .	37.63	10,501
Shellfish .. .. .	1043.75	485,630

**Landings at Shetland by Foreign Vessels, 1980:**

41.70 tonnes value £10,069 (all for consumer purposes).

**Landings at Scottish ports by Shetland Vessels, 1980:**

10907.75 tonnes value £1,099,930

**Landings elsewhere by Shetland Vessels (majority Cornwall), 1980:**

13579.04 tonnes value £1,015,987

**Number of fishing vessels in Shetland:**

1980	119	1975	142
1979	110	1974	146
1978	123	1973	144
1977	134	1972	142
1976	137	1971	136

**Distribution of vessel type by district, 1980:**

District	Purse-seiners	Trawlers/ Seiners over 50'	Vessels 35'-50'	Vessels 20'-35'	Total
Burra	1	15	3	9	28
Whalsay	7	13	2	5	27
Yell	0	1	5	5	11
Scalloway	0	4	5	1	10
Lerwick	0	3	5	0	8
Skeld	0	1	1	2	4
Skerries	0	1	1	0	2
Northmavine	1	1	0	0	2
Other	1	0	4	22	27
Totals:	10	39	26	42	119
1979	8	37	22	43	110
1976	5	46	29	57	137
1971	3	38	36	59	136

**Fish Processing**

10 firms are engaged in fish processing in Shetland with 13 separate factories. There are 10 white fish processing lines, 2 herring lines, 1 fish meal plant, and 2 shellfish processing lines. Statistics for the industry are not easily established, but turnover is estimated to be from £8 - £10 million in 1980.

**Employment in the Shetland Fishing Industry:**

	Catching	Processing	Ancillary	Total
1980	591	491	314	1396
1979	584	504	319	1407
1978	654	585	232	1471
1977	649	718	247	1614
1976	652	833	225	1710
1975	653	877	227	1757
1974	685	945	230	1860
1973	664	980	218	1862
1972	671	1007	196	1874
1971	636	967	178	1781

# Agriculture

Land Use:	1971	1976	1979	1980
tillage .. .. .	1410.0	1221.4	1067.9	1032.7 ha
grassland and crops .. .. .	8407.6	8766.0	8362.5	8448.2 ha
rough grazing (including common grazing) .. .. .	128841.5]			
woodland .. .. .	15.0	133888.9	132459.2	132534.4 ha
roads, buildings, etc. .. .. .	162.3			
number of holdings .. .. .	2532	2353 + 93	2239 + 93	2249 + 93
		( + 93 common grazings)		
total area rented .. .. .	38130.3	37271.0	36150.6	36175.1 ha
total area owned .. .. .	28160.8	29566.3	29723.9	30213.6 ha
total area rented/owned (excluding common grazings) .. .. .	66291.1	66837.8	65874.5	66388.7 ha
<b>Area under crops:</b>				
grass (other than rough grazing) .. .. .	6997.6	7544.9	7294.5	7415.5 ha
barley .. .. .	21.5	25.9	76.0	67.2 ha
oats .. .. .	835.3	588.2	435.7	432.8 ha
turnips and swedes .. .. .	134.3	121.6	99.1	91.4 ha
kale and cabbage .. .. .	73.1	47.7	40.8	38.7 ha
potatoes .. .. .	256.3	259.9	239.7	231.5 ha
rape .. .. .	48.1	26.7	20.9	15.3 ha
other crops .. .. .	17.4	14.0	12.5	14.2 ha
<b>Livestock:</b>				
beef cows and heifers .. .. .	2492	2600	2162	1985
dairy cows and heifers .. .. .	791	679	673	583
total cattle .. .. .	6945	6988	5951	5337
total sheep .. .. .	264779	284585	274415	286854
pigs .. .. .	9	39	35	36
poultry .. .. .	12950	10286	8734	8246
ponies .. .. .	c.1000	c.1000	c.1000	c.1000
registered slaughterhouses .. .. .	9	9	10	8
sheep slaughtered .. .. .	8417	11440	6700	9276
cattle slaughtered .. .. .	485	136	157	192
pigs slaughtered .. .. .	0	0	10	2
sheep exported .. .. .	43464	49687*	49099*	56519*
cattle exported .. .. .	1947	2660*	2650*	2162*
ponies exported .. .. .	417	618*	531*	443*
<b>Milk:</b>				
dairy units .. .. .	23	22	21	20
milk production (estimated) .. .. .	317550	362700	419000	432525 gals.
<b>Employment:</b>				
full-time farm staff .. .. .	84	63	46	45
full-time occupiers .. .. .	124	139	136	121
wives/husbands of occupiers (full and part-time) .. .. .	252	327	294	298

## Capital Improvement:

a) Land improvement:	1971	1976	1979	1980
Reclamation .. .. .	n/a	21.7	10.5	29.2 ha
Regeneration .. .. .	n/a	119.7	111.8	173.5 ha
Drainage .. .. .	n/a	18471	14561	41624 metres

## b) Grant-aided capital investment:

New silos .. .. .	n/a	8	4	4
Fanks and dippers .. .. .	n/a	4	9	9
New byres .. .. .	n/a	4	6	1
G.P. sheds .. .. .	n/a	6	2	10
Slatted courts .. .. .	n/a	2	2	2
Cubicle houses .. .. .	n/a	0	0	2
Newcroft houses .. .. .	n/a	0	11	18
Croft house improvements .. .. .	n/a	n/a	5	9

During 1980 411.6 hectares of Scattald were apportioned and enclosed following 87 applications. 44 apportionments were granted.

1971: includes statistics, taken in 1970, relating to holdings with a labour requirement of under 26 standard man days.

1976-80: includes statistics, taken in 1976, relating to holdings with a labour requirement of under 40 standard man days.

\* Figures by courtesy of P&O Ferries, Aberdeen. These include a small proportion of animals in transit from Aberdeen to Shetland.

# Tourism

Estimated income from tourism (1980): £1.75 to £2 million.

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

Type of Accommodation	1976	1977	1978	1979	1980	1981
Lerwick Hotels	149	149	149	154	104	236
Country Hotels	292	286	268	286	262	342
Lerwick B & B	206	152	152	140	126	103
Country B & B	154	186	158	147	165	203
Self Catering, cottages, etc	169	287	279	179	241	271
Caravans	106	188	175	97	145	104
Hostels	76	94	94	94	94	81
Totals:	1152	1342	1275	1097	1137	1340

## P&O Ferries Mini Cruise Passengers:

1976	1977	1978	1979	1980
1390	1952	2380	2985	2218

## Cruise Liner Passengers:

1977	1978	1979	1980
2152	2725	5030	7540

## Knitwear

Statistics for the knitwear industry are very difficult to obtain and all figures produced here should be treated with extreme caution.

### Size

The knitwear industry in Shetland currently consists of 23 known 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 £200,000 per annum. The total value of the products from the industry is estimated at over £3 million per annum, though turnover figures are very difficult to obtain.

### Employment

	Full Time	Part Time	Home Knitters
1971	234	111	2268
1977	155	71	2098
1980	134		n/a

### Production

Over 400,000 garments are produced per annum. These include the classic Fair Isle yoked and allover Fair Isle knitted 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. Garments with Fair Isle knitting in them account for more than 50% of the current production.

### Markets

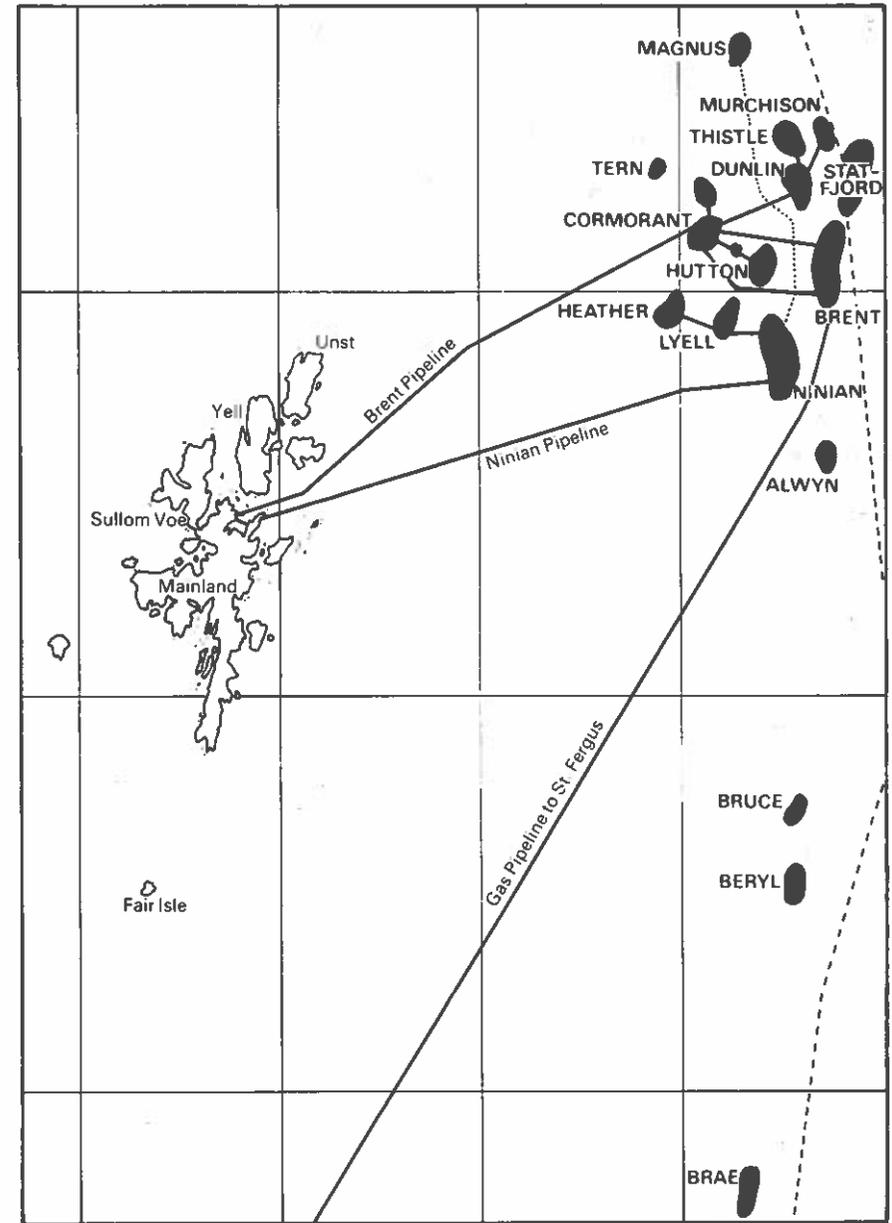
About 30% of the garments made are directly exported throughout the world from Shetland. Of the remaining garments, which go to the UK market, many sold to London retailers and wholesalers are exported.

The major marketing problem is the plagiarisation 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 on average is about 75,000 kilos of pure Shetland and 150,000 kilos of Shetland cross and other types.

## Crafts

Shetland has a long tradition of producing high quality craft goods. The main products apart from knitwear are tweed, sheepskin, seal and calf skin products (rugs, toys, bags, etc.); jewellery (using local stone and designs) and silverwork; pottery; woodwork; tapestry; printed goods; and cast figurines.

Excluding knitwear, these crafts provide regular employment for around 50 people in over 20 businesses, as well as an additional number on a more seasonal basis. 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.



**Oilfields of the East Shetland Basin**

# Oil

## OFFSHORE

### (a) The Exploration Phase:

- 1970 Jun The exploration phase for oil and gas offshore Shetland initiated by Department of Energy when first Licence Blocks were allocated to interested companies.
- 1971 Jul Exploration activity began in earnest, with supply and helicopter services being established in Shetland to support offshore activities.
- First of many major oil and gas strikes occurred when the Brent Field was discovered.

### (b) The Development Phase

- 1975 The development phase began with the laying of the main Brent and Ninian pipeline systems, and the floatout of the production platforms (one for the Beryl Field, one for the Brent Field).
- 1976 May Main Ninian pipeline completed.
- Jun Main Brent pipeline completed.
- 1978 Nov 25 First oil piped to Sullom Voe through the Brent pipeline system, from the Dunlin Field, 100 miles north east of Shetland.
- Nov 30 First oil shipped out from Sullom Voe by the Shell tanker *Donovania*.
- Dec 31 First oil arrived through the Ninian pipeline system at Sullom Voe, from the Heather Field.

## 1980 OFFSHORE HIGHLIGHTS

Month	Field/Block	Occurrence
Mar	3/8-5a	Discovery of oil by BP.
Apr	206/2-1 (West of Shetland)	Shell began drilling in 2007' of water using drillship <i>Petrel</i> . Project lasted 6 months.
May	Thistle	Thistle-Dunlin pipeline back on stream after re-laying of damaged section of pipe by <i>Semac 1</i> .
Jun	Alwyn (North)	Total announce intention to develop this field at cost of £1.5 billion using 2 fixed steel platforms, with possible production startup in 1986.
	3/8a-6	Discovery of oil by BP.

Jun	Murchison	Flare boom installed by barge <i>Balder</i> . Barge <i>Semac 1</i> completed laying of 16 km. 16" Murchison-Dunlin pipeline. 320 mile tow out from Wick of 3 subsea flowlines and installation thereafter.
	Brent	Barge <i>LB 27</i> laid 25 km. 10" gas line from North Cormorant platform site to western leg of Brent Gas Line to St. Fergus.
Jul	Beryl A	Total production to date reached 100 million barrels. UK Government approval granted for second production platform (Beryl B) in northern part of field. Tow out expected 1983 for production startup 1984.
	Ninian	Total production to date reached 100 million barrels.
Aug	Hutton	Development approval for £600 million project given by UK Government. First field to have Tension Leg Platform (TLP). Production startup due 1984.
Sep	Murchison	Production commenced.
	Ninian	Production commenced.

## 1980 DEVELOPMENT POSITION IN SHETLAND WATERS

- No. of named fields with development plans announced: 17.**  
Alwyn (North), Beryl, Beryl B, Brent, Central Cormorant, Cormorant, Dunlin, Frigg, Heather, Hutton, North West Hutton, Magnus, Murchison, Ninian, North Cormorant, Statfjord, Thistle.
- No. of fixed platforms installed: 19.**  
Beryl 1, Brent 4, Cormorant 1, Dunlin 1, Frigg 5, Heather 1, Murchison 1, Ninian 3, Statfjord 1, Thistle 1.
- No. of development wells required on fields with plans announced:**  
Approx. 500 (excluding Frigg and Statfjord).
- No. of named fields with no development plans announced: 7**  
Alwyn, Bruce, Clair, Eider, Lyell, Tern, Wendy.
- No. of un-named finds of interest: 12**  
2/5-10; 2/10a; 3/4; 3/7 and 3/8-5a; 3/8a-6; 206-7; 206/9; 206/13; 211/13; 211/18-12; 211/18-13; 211/19-6.
- No. of operating companies with licence block interests around Shetland: 28.**

## 1980 ONSHORE HIGHLIGHTS

Month	Facility	Occurrence
Ongoing	Lerwick Harbour	£4 million development at Lerwick Harbour, for fixed ro-ro berth and other facilities, begun 9 October 1978, continued.

May	Unst Airport	New Bristow Helicopters hangar completed.
Jun	Sumburgh Airport	New North Scottish Helicopters hangar completed.
Jul	Lerwick Harbour	Development of Blackhill Industrial Site began.
Sep	Sullom Voe	Total of 1 million tonnes moved across construction jetty achieved since major operations began in 1976.

## ONSHORE FACILITIES

Onshore facilities fall into the following categories:

1. An oil 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 1,000 acres, on Sullom Voe (31 miles N of Lerwick). Construction of facilities for a throughput of 826,000 b.p.d. began in February 1975. This throughput figure was upgraded to 1.39 million b.p.d. and subsequently in May 1978 to 1.41 b.p.d., and the completion date of the terminal construction extended to 1982.

#### Oil production through the Brent and Ninian pipeline systems:

Pipeline system	Year	Barrels	Tonnes
Brent	1980	126,060,376	16,773,845
	1979	77,552,205	10,367,579
	1978	6,390,950	856,991
Ninian	1980	89,808,256	12,066,455
	1979	63,665,158	8,555,865
	1978	679,726	92,186

#### Harbour Operations

These are controlled from a £1 million Port Administration Building and communications centre at Sellaness.

#### Sullom Voe Port Operations 1980:

Imports	Tonnes	Exports	Tonnes
Foreign	4916.96	Foreign	16,305,044.59
Coastwise	206,528.52	Coastwise	12,007,585.99
<b>Total imports:</b>	<b>211,445.48</b>	<b>Total exports:</b>	<b>28,312,630.58</b>
1979	278,971.54	1979	19,701,485.78
1978	338,279.59	1978	787,099.68

#### Tanker operations:

Year	No. of tankers loaded	Total oil exported (tonnes)
1980	343	28,298,463
1979	270	18,678,324
1978	11	744,542

#### Sullom Voe Construction Jetty Operations:

	No. of vessels	Tonnage (tonnes)	Main commodities (tonnes)
1980	212	124,531	General cargo (48,311); sand (59,850); cement (8007).
1979	336	245,537	General cargo (83,781); sand (128,908); cement (26,218).
1978	430	365,066	General cargo (100,623); aggregate (76,094); sand (142,702); cement (43,451).
1977	348	242,294	General cargo (77,687); aggregate (81,088); sand (59,836); cement (16,059).
1976	105	44,689	General cargo (16,930); aggregate (14,347); sand (10,185).

#### Terminal Construction Workforce\*:

	Jun. 1978	Dec. 1978	Jun. 1979	Dec. 1979	Jun. 1980	Dec. 1980
Construction:	3519	3949	5297	5254	5669	4935
Catering:	998	1117	1341	1308	1368	1260
<b>Total:</b>	<b>4517</b>	<b>5006</b>	<b>6638</b>	<b>6562</b>	<b>7037</b>	<b>6195</b>

#### Permanent Terminal Associated Workforce\*:

Month	S.I.C. Ports & Harbours Dept.		Shetland Towage		BP Terminal Staff		S.V. Eng/§ MBR Labs/ C.C. Co.		Total Employees	
	Total	%'local'	Total	%'local'	Total	%'local'	Total	%'local'	Total	%'local'
Mar. 1978	18	89	10	70	83	29	n/a	n/a	n/a	111
Jun. 1978	32	66	25	80	113	31	n/a	n/a	n/a	170
Sep. 1978	43	60	27	77	193	25	n/a	n/a	n/a	263
Dec. 1978	53	60	38	79	234	32	87	23	23	412
Mar. 1979	59	64	37	81	255	29	103	29	29	454
Jun. 1979	71	70	76	87	269	29	152	37	37	568
Sep. 1979	75	64	80	87	291	31	171	26	26	617
Dec. 1979	78	58	80	87	305	33	188	38	38	651
Mar. 1980	81	63	80	87	325	34	204	43	43	690
Jun. 1980	84	62	80	87	354	38	215	40	40	733
Sep. 1980	84	62	82	88	370	41	247	42	42	783
Dec. 1980	84	62	83	87	367	41	258	42	42	792

\* Source: Joint Employment Monitoring Group

§ Sullom Voe Engineering, M.B.R. Laboratories, Commercial Catering Co.

## 2. MARINE SERVICE BASES

Base	Area (acres)	Berths operational
BP .. .. .	2¼	2
Norscot .. .. .	40	9
Ocean Inchcape (Shetland) Ltd .. ..	14 (+12 acres on (option for open storage)	3
Shell .. .. .	10	2
Hudsons Offshore (Sandwick) .. ..	10	0

Berthage for one supply vessel is available at Scalloway and Baltasound harbours respectively where facilities are expected to be developed further.

### Oil service vessels visiting Shetland:

	1972	1973	1974	1975	1976	1977	1978	1979	1980
Lerwick .. .. .	151	328	838	1581	1679	1724	1827	1531	1586
Sandwick .. .. .	0	34	110	99	114	53	27	32	6
Scalloway .. .. .	32	1	16	7	16	40	25	7	20
	183	363	964	1687	1809	1817	1879	1570	1612

### Marine service base employment\*

	1972	1973	1974	1975	1976	1977	1978-80
Employment	21	41	57	135	185	332	318

\* These figures include employees of Lerwick Harbour Trust – they do not include employees of base client companies.

## 3. AIR SERVICES

See Transport Statistics, pp 23–25

Further details of all aspects of oil and oil-related activities can be obtained from the publication "Shetland's Oil Era", available from the Research & Development Department of the Shetland Islands Council.

## Employment

### Employees in employment in Shetland (full and part time):

	1971*	1977*	1980§
Primary	279	453	881
Manufacturing	1302	1181	814
Construction	489	1005	1200
Services	2915	4227	5693
Total	4985	6866	8588

These figures do not include temporary oil and oil-related workforce.

### Total self-employed in Shetland:

	1971 #	1977*	1980§
	1505	1636	1700

The largest section of the self-employed are fishermen, with the bulk of the remainder in the trades, which has accounted for the increase from 1971-80.

### Temporary oil and oil related workforce at Sullom Voe\*\*:

	1977		1980	
	Total	Shetland 'residents'	Total	Shetland 'residents'
Construction	1154	130	5540	440
Services	581	230	1560	660
Total	1735	360	7100	1100

### Total Shetland residents in employment:

	1971	1977	1980
Employees in employment	4985	6866	8588
Short-term and oil-related employees	—	360	1100
Self-employed	1505	1636	1700
Total	6490	8862	11388

\* Dept of Employment.

§ Research & Development Dept., Shetland Islands Council estimate.

# 1971 Population Census.

\*\* Joint Employment Monitoring Group.

## UNEMPLOYMENT

### Unemployment percentage as at June each year:

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Shetland	3.8	3.7	2.2	2.2	2.9	3.5	4.0	2.9	2.8	3.7
Orkney	3.9	2.6	2.4	2.3	2.4	3.4	4.8	4.3	5.7	6.5
Western Isles	18.0	17.8	12.9	11.9	14.0	14.5	14.0	12.3	11.8	13.7
Grampian	3.7	3.6	2.4	1.8	2.3	3.3	4.3	4.3	4.6	5.3
Strathclyde	6.7	7.2	5.2	4.5	5.6	7.9	9.8	10.4	9.8	12.3
Scotland	5.5	6.0	4.3	3.6	4.7	6.7	8.6	7.6	8.1	9.9

# Transport

## INTERNAL TRANSPORT

Location	Type of Transport	Type of Service	Surface Type and Dimensions of Airstrip
Unst	Air	S	Bituminous (610 × 23m)
Yell	SIC Vehicle Ferry	S	
Fetlar	Air	S	Soft Gravel (457 × 18m)
	SIC Vehicle Ferry	S	
Skerries	Air	C	Grass (381 × 18m)
	SIC Ferry	S	
Whalsay	Air	S	Rolled Gravel (Firm) (457 × 18m)
	SIC Vehicle Ferry	S	
Scatsta	Air	S	Bituminous (960 × 23m)
Bressay	SIC Vehicle Ferry	S	
Tingwall	Air	S&C	Bituminous (740 × 18m)
Sumburgh	Air	C	Tarmac (1084 × 46m) Tarmac (1426 × 46m) Tarmac (550 × 45m)
			Rolled Gravel (Firm) (457 × 18m)
Fair Isle	Air	S	
	Ferry Boat	S	
Papa Stour	Ferry Boat (P)	S&C	
Vaila	Ferry Boat (P)	C	
Foula	Air	C	Soft Gravel (457 × 18m)
	Ferry Boat	S	

P: Privately Owned S: Scheduled C: Charter

All internal air services are operated by Loganair Ltd.

### Bus Services also operate from:

Route:	Operator
Lerwick to: Sumburgh; Sumburgh Airport	A. Eunson; J. Leask & Son
Sandwick	Sandwick Transport Co. Ltd.
Brae - Hillswick/North Roe	Georgeson & Moore
Brae - Mossbank	Georgeson & Moore
Weisdale - Skeld; Weisdale - Walls	J. Watt & Son; Georgeson & Moore
Voe - Toft (for Yell; Unst/Fetlar)	J. Leask & Son
Laxo (for Whalsay)	J. Leask & Son
Scalloway; Burra	Georgeson & Moore
Lerwick Town Service	J. Leask & Son
Yell:	R. Jamieson
	A. Williamson
Unst:	P. Y. Mills

### Present Schedule of County Highways:

Principal Roads .. .. .	123.54 miles
Other Class I Roads .. .. .	16.68 miles
Class II Roads .. .. .	103.59 miles
Class III Roads .. .. .	106.30 miles
Unclassified Roads .. .. .	200.52 miles
<b>Total</b>	<b>550.63 miles</b>

## INTER-ISLAND FERRIES

### Shetland Islands Council Ferry Traffic:

Passengers	Ferry Route				
	Yell	Unst/Fetlar	Bressay	Whalsay	Skerries§
1980	114,084	35,697	98,029	35,061	n/a
1979	99,007	27,959	78,292	32,501	n/a
1978	86,789	31,397	75,676	34,631	606
1977	68,963	30,733	71,991	26,777	430
1976	62,626	33,460	71,615	23,110*	n/a

Vehicles	Ferry route				
	Yell	Unst/Fetlar	Bressay	Whalsay	
1980	44,578	23,406	21,937	17,001	
1979	37,638	19,299	15,691	16,760	
1978	36,210	19,715	14,100	17,445	
1977	35,670	17,300	13,877	14,876	
1976	33,333	16,920	14,817	10,117	

\*Whalsay figures are from 8/2/76.

§Skerries: passenger ferry only.

## EXTERNAL FERRIES

### P&O Ferries Services:

#### Passengers\* & accompanied cars:

	Passenger journeys§				Accompanied motor car journeys			
	1977	1978	1979	1980	1977	1978	1979	1980
Jan .. .. .	1380	2043	2224	2144	160	236	310	367
Feb .. .. .	653	1067	978	897	77	165	139	186
Mar .. .. .	1502	1647	1683	1999	189	235	253	348
Apr .. .. .	2673	2155	3100	4037	246	306	513	569
May .. .. .	3402	3363	4027	4435	425	412	516	562
Jun .. .. .	5516	5793	7403	6885	738	792	824	904
Jul .. .. .	8031	7831	8733	10787	1030	1137	1267	1576
Aug .. .. .	7880	9280	10538	10402	1060	1251	1523	1503
Sep .. .. .	4635	5220	6172	6553	450	685	687	875
Oct .. .. .	2850	3590	3829	4268	381	467	606	766
Nov .. .. .	1458	1665	2039	2278	210	254	368	435
Dec .. .. .	1468	2407	2067	2755	198	358	384	537
<b>Totals:</b>	<b>41448</b>	<b>46061</b>	<b>52793</b>	<b>57440</b>	<b>5164</b>	<b>6298</b>	<b>7390</b>	<b>8628</b>

1971: 22693 passengers.

\*Figures include Mini Cruise passengers.

§ Each passenger journey is counted as one-way (Aberdeen - Lerwick or Lerwick - Aberdeen).

### Freight

Type of Freight	1978	1979	1980
Groupage (tons) .. .. .	35048	37095	33638
Self-propelled commercial vehicles .. .. .	3566*	4495*	27701§
Commercial trailers .. .. .	2129*	2668*	31022§
Unaccompanied cars .. .. .	1153*	1377*	5257§

\*Unit numbers

§ Running metres



## SHIPPING IN LERWICK HARBOUR

	1971	1976	1979	1980
General .. .. .	316	470	419	424
H.M. Ships .. .. .	41	33	29	31
Oil .. .. .	51	99	125	131
Oil Rig Tenders .. .. .	79	1679	1531	1586
Other Vessels .. .. .	448	736	486	453
British Fishing .. .. .	1440	893	664	859
Foreign Fishing .. .. .	1580	1357	429	268
Total All Shipping .. .. .	3955	5267	3683	3752
Net Registered Tonnage .. .. .	624233	1442672	1561122	1623317

### Foreign Fishing Vessels:

Country	1971	1976	1979	1980
Bulgaria .. .. .	0	0	1	0
Denmark .. .. .	374	416	220	136
Faroe .. .. .	242	203	48	37
Finland .. .. .	6	7	0	0
France .. .. .	16	11	17	21
Germany .. .. .	3	4	7	0
Greenland .. .. .	0	0	1	0
Iceland .. .. .	215	86	6	10
Netherlands .. .. .	12	13	5	1
Norway .. .. .	551	524	122	60
Poland .. .. .	1	37	0	0
Sweden .. .. .	100	43	1	1
USSR .. .. .	60	13	1	2
<b>Total:</b>	<b>1580</b>	<b>1357</b>	<b>429</b>	<b>268</b>

### Total tonnage handled, Lerwick Harbour (tonnes):

	1971	1976	1979	1980
General Cargo Imports .. .. .	45760	147762	206528	196528
General Cargo Exports .. .. .	48849	31997	53417	57463
Oil Related Imports .. .. .	342	161454	238358	253365
Oil Related Exports .. .. .	-	317884	321518	378919
<b>Total:</b>	<b>94951</b>	<b>659097</b>	<b>819821</b>	<b>886275</b>

These figures do not include weight of containers.

### Lerwick Harbour Trust Revenue:

1980 .. .. .	£1,826,824
1979 .. .. .	£1,619,509
1976 .. .. .	£975,461
1971 .. .. .	£49,525

## AIR SERVICES

Passenger movements throughout Shetland continued to expand in 1980, although a change in the distribution of these and aircraft movements occurred at the airports most affected by oil developments: Sumburgh, Scatsta and Unst.

### Total airport traffic\* (Sumburgh, Scatsta, Unst and Tingwall):

	1978	1979	1980
Total aircraft movements .. .. .	57,343	63,390	62,014
Total passengers .. .. .	757,470	831,857	894,770

\*Includes all passengers on scheduled services.

### AIR SERVICES EMPLOYMENT\*(as at February 1981):

Airport	Total employees	Male	Female	% women	% local
Sumburgh	650	514	136	21	33
Tingwall	12	9	3	25	92
Scatsta	42	36	6	14	33
Unst	68	57	11	16	37

\* 1 part-time job = 0.5 of full-time job.

### SUMBURGH AIRPORT

#### Passengers

1980	Total passengers	Fixed Wing scheduled (external) passengers	Fixed Wing scheduled (internal) passengers	Charter passengers + other	Helicopter passengers
Jan	51642	5701	297	23928	21716
Feb	51070	5780	300	22892	22098
Mar	49579	6954	337	21628	20660
Apr	54753	7595	318	23911	22929
May	52964	7215	429	23156	22164
Jun	49008	7570	0	21273	20165
Jul	49698	8303	0	20750	20645
Aug	44260	7438	0	18462	18360
Sep	50466	6619	0	22207	21640
Oct	54257	7156	0	24067	23034
Nov	47184	5389	0	21556	20239
Dec	53288	5478	0	24650	23160
<b>Totals:</b>	<b>608169</b>	<b>81198</b>	<b>1681</b>	<b>268480</b>	<b>256810</b>
1979	622446	84691	4633	279908	253214
1978	685492	87145	3456	323151	271740
1977	404370	81952	2186	168107	152125
1976	250778	78059	595	84111	88013
1975	186319	73065	2460	64897	45897
1974	158253	62160	5520	52187	38386
1973	94312	48123	5491	21088	19610
1972	70589	41248	4623	13979	10739

**Aircraft Movements and Freight:**

1980	Aircraft Movements			Freight (kgs)
	Total	Fixed Wing	Helicopter	
Jan	3731	1578	2153	266950
Feb	3518	1539	1979	305382
Mar	3756	1617	2139	315320
Apr	3849	1640	2209	364572
May	3559	1573	1986	361832
Jun	3184	1418	1766	328006
Jul	3452	1374	2078	298285
Aug	2931	1245	1686	273576
Sep	3482	1400	2082	299109
Oct	3418	1512	1906	353307
Nov	3085	1286	1799	297551
Dec	3342	1420	1922	337577
Totals:	41307	17602	23705	3801467
1979	47771	21737	26034	3274754
1978	50666	23843	26823	1950287
1977	38753	20257	18496	1815392
1976	25694	13030	12664	1574338
1975	22224	12647	9577	1101007
1974	16996	9723	7273	931327
1973	9114	5941	3173	590908
1972	6095	n/a	n/a	205303

**TINGWALL AIRPORT TRAFFIC**

	Passengers			Aircraft Movements		
	Total	Fixed Wing	Helicopter	Total	Fixed Wing	Helicopter
1980	12194	12154	40	2989	2921	68
1979	8840	8716	124	2200	2096	104
1978	3666	3438	238	1442	1328	114

**SCATSTA AIRPORT TRAFFIC**

	Passengers*			Aircraft Movements		
	Total	Inwards	Outwards	Total	Fixed Wing	Helicopter§
1980	136019	68472	67547	6404	6278	128
1979	124512	62562	61950	6613	6109	504
1978	42601	20550	22101	1786	1786	0

\* most passengers are oil-related construction workers from Sullom Voe.

§ Helicopter passengers are not recorded because the helicopters which call regularly are usually those delivering core samples from offshore and do not normally carry passengers.

**UNST AIRPORT TRAFFIC**

	Passengers			Aircraft Movements		
	Total	Fixed Wing	Helicopter	Total	Fixed Wing	Helicopter
1980	138388	61020	77368	11314	5223	5991
1979	76059	36362	39697	6806	3647	3159
1978	25711	14041	11670	2691	1758	933

**SMALL AIRFIELD TRAFFIC**

Passengers	Airfield				
	Fair Isle	Fetlar	Foula	Skerries	Whalsay
1980	923*	58	562*	280	120*
1979	969	106	450*	90	140*
1978	1021	76	n/a	150	n/a

Aircraft Movements	Airfield				
	Fair Isle	Fetlar	Foula	Skerries	Whalsay
1980	316*	84	200	138	82
1979	292	n/a	110	60	132
1978	300*	72	114	68	116*

\* Estimate

**VEHICLE OWNERSHIP**

Vehicles licensed in Shetland:

Type	1971	1976	1979	1980
Private cars & vans	3600	5076	6465	6921
Goods vehicles (incl. agricultural)	440	640	816	833
Buses & Coaches	138	171	169	182
Motor-cycles	350	397	516	610
Miscellaneous	652	826	888	926
	5180	7110	8854	9472

1971 figures: local taxation office; vehicles licensed for one month in 3rd quarter of year (part sample).

1976 figures: local taxation office and DVLC, Swansea.

1979-80 figures: DVLC, Swansea, all vehicles licensed on 31 Dec.

**Life-boat**

Supported entirely by voluntary subscriptions, the Royal National Life-boat Institution operates 2 Life-boat Stations in Shetland: Lerwick and Aith.

**Life-boats**

	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

**No. of launchings and persons rescued by Lerwick and Aith RNLI:**

	1972	1973	1974	1975	1976	1977	1978	1979	1980
No. of launchings	9	9	10	6	10	14	6	14	10
No. of persons rescued	1	13	11	0	6	8	8	0	14

## Population

The population of Shetland at the time of the 1971 census was 17,327. Since 1971 there has been no accurate assessment of the population, but an estimate can be obtained from the registrations under the National Health Scheme. In December 1979 the population was estimated as 22,240 persons and the increase up to December 1980 was as follows:

In-migrants	1586
Out-migrants	1002
<b>Migration balance</b>	<b>+ 584</b>
Births	375
Deaths	266
<b>Natural increase</b>	<b>+ 109</b>
<b>Total increase</b>	<b>+ 693</b>

Population estimate December 1979: 22,240

Population estimate December 1980: 22,933

Population increase 1980: 3.1%

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

	1931	1951	1961	1971	1976	1979	1980
Unst .. .. .	1341	1112	1151	1127	1056	1027	1001
Yell .. .. .	1883	1483	1152	1143	1186	1190	1193
Fetlar .. .. .	217	161	127	88	99	92	104
Whalsay .. .. .	900	859	764	870	997	1033	1055
Skerries .. .. .	110	127	108	100	93	95	94
Mavis Grind - North .. .. .	1343	1054	816	696	710	742	736
Delting .. .. .	958	863	701	674	1161	2093	2489
Nesting .. .. .	822	563	434	380			
Tresta - Bridge of Walls .. .. .	1562	1225	957	873	995	1064	1050
West of Bridge of Walls .. .. .	884	687	561	483	546	573	566
Foula .. .. .	118	75	54	33	36	40	39
Papa Stour .. .. .	100	68	55	24	38	39	32
Whiteness/Weisdale							
Gott/Tingwall .. .. .	1140	1604	1603	1671	881	1054	1075
Scalloway .. .. .	-	-	-	-	1080	1133	1181
Trondra .. .. .	91	54	20	17	33	85	81
Burra .. .. .	767	648	653	565	743	795	828
Lerwick .. .. .	4221	5538*	5908	6127	6407	7058	7174
Bressay .. .. .	452	335	269	251	294	320	331
Quarff/Gulberwick .. .. .	1518	426*	385	171	225	280	302
Sandwick/Cunningsburgh .. .. .	1507	1376	1172	1120	1105	1215	1297
Bigton Junction - South .. .. .	1089	1021	858	848	1401	1757	1860
Fair Isle .. .. .	108	73	64	65	76	76	72
<b>Total population:</b>	<b>21421</b>	<b>19352</b>	<b>17812</b>	<b>17327</b>	<b>19159</b>	<b>21761</b>	<b>22560</b>

Figures in cols. 1 - 4: Population Census.

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

\* Boundary change.

### Population breakdown by age and sex:

Age Group	1971			1979		
	Persons	Males	Females	Persons	Males	Females
0 - 4	1390	710	680	1823	962	861
5 - 9	1395	715	680	1834	972	862
10 - 14	1215	620	595	1873	1013	860
15 - 19	1135	585	550	1557	839	718
20 - 24	1125	610	515	1600	844	756
25 - 29	1095	565	530	1854	964	890
30 - 34	975	505	470	1984	1096	888
35 - 39	950	485	465	1441	819	622
40 - 44	920	475	445	1175	637	538
45 - 49	1080	565	515	1048	544	504
50 - 54	900	405	495	1008	524	484
55 - 59	1085	530	555	1041	504	537
60 - 64	1100	490	610	817	369	448
65 - 69	1020	440	580	962	438	524
70 - 74	795	345	450	879	364	515
75 - 79	560	205	355	627	241	386
80 - 84	365	120	245	346	110	236
85 +	220	60	160	242	54	188
<b>Totals:</b>	<b>17325</b>	<b>8430</b>	<b>8895</b>	<b>22111</b>	<b>11294</b>	<b>10817</b>

1971 figures: 1971 Census.

1979 figures: estimates from General Register Office for Scotland.

## Housing

### Housing Stock (occupied units, April each year):

Type	1971	1976	1979	1980	1981
Shetland Islands Council .. .. .	1294	1919	2470	2548	2677
Private & Others .. .. .	4378	4809	5022	5465	5605
Scottish Special Housing Assoc. .. .. .	115	135	169	169	167
<b>Totals:</b>	<b>5787</b>	<b>6863</b>	<b>7661</b>	<b>8182</b>	<b>8449</b>

### Improvement in housing conditions within Shetland:

Date	Number of Houses *		Total
	Tolerable	Not Tolerable	
31.12.80	6854	1218	8072
31.12.79	6531	1264	7795
31.12.78	6287	1304	7591
31.12.77	6056	1342	7398
31.12.76	5775	1397	7172
31.12.75	5269	1445	6704
31.12.74	4908	1539	6447

Number of houses closed as "not tolerable" (1980): 18

Number of houses improved to "tolerable standard" (1980): 28

Additional new houses (1980): 323

\*Number of houses with completion certificates.

# Education

## Number of Primary and Secondary Teachers in Shetland:

	1971	1976	1980	1981
Primary .. .. .	91	117	169	164
Secondary .. .. .	<u>88</u>	<u>124</u>	<u>139</u>	<u>142</u>
Total:	179	241	308	306

## PRIMARY EDUCATION

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

	1971	1976	1980	1981
Baltasound Junior High .. ..	103	100	94	106
Mid Yell Junior High .. .. .	56	76	64	65
Brae Junior High* (1976) .. ..	44	68	130	171
Symbister House Junior High ..	125	149	139	146
Aith Junior High .. .. .	67	63	54	52
Scalloway Junior High .. .. .	120	136	141	150
Sandwick Junior High .. .. .	44	81	86	96
Haroldswick Primary .. .. .	38	33	32	21
Uyeasound Primary .. .. .	21	27	17	16
Cullivoe Primary .. .. .	21	23	26	24
Burravoe Primary .. .. .	38	31	43	36
Fetlar Primary .. .. .	14	6	14	15
North Roe Primary .. .. .	17	16	20	23
Ollaberry Primary .. .. .	18	12	25	16
Urafirth Primary .. .. .	26	29	40	37
Mossbank Primary* (1980) .. ..	—	—	135	136
Firth Primary .. .. .	16	—	—	—
Olnafirth Primary .. .. .	19	30	40	46
Lunnasting Primary .. .. .	20	22	40	38
South Nesting Primary .. .. .	16	14	25	26
Skerries Primary .. .. .	16	12	12	11
Sandness Primary .. .. .	6	7	11	15
Foula Primary .. .. .	4	4	9	7
Papa Stour Primary .. .. .	—	—	8	5
Happyhansel Primary§ .. .. .	43	40	48	48
Gruting Primary .. .. .	12	11	10	9
Skeld Primary .. .. .	13	26	32	36
Whiteness Primary* (1977) .. ..	31	56	93	87
Burra Primary .. .. .	16	—	—	—
Hamnavoe Primary* (1980) .. ..	64	65	103	107
Gott Primary .. .. .	41	43	52	52
Cunningsburgh Primary* (1977) ..	56	74	87	77
Dunrossness Primary .. .. .	123	152	220	209
Fair Isle Primary .. .. .	3	9	12	11
Quarf Primary .. .. .	17	19	25	23
Bressay Primary .. .. .	24	38	29	20
Lerwick: Bells Brae Primary ..	722	790	509	501
Lerwick: Sound Primary* (1977) ..	—	—	313	292
Total:	2014	2262	2738	2730

\* New school: year of first intake in brackets.

§ New school under construction.

## SECONDARY EDUCATION

### Secondary School Rolls as at January each year:

	1971	1976	1980	1981
Anderson High School .. .. .	571	770	939	915
(Comprehensive)				
Baltasound Junior High .. .. .	36	58	71	75
Mid Yell Junior High .. .. .	43	58	67	48
Brae Junior High§ .. .. .	47	68	147	164
Symbister House Junior High ..	36	54	70	62
Aith Junior High .. .. .	35	65	68	61
Scalloway Junior High .. .. .	72	129	147	132
Sandwick Junior High .. .. .	55	87	103	121
Skerries .. .. .	2	6	7	5
Total:	897	1295	1619	1583

## FURTHER EDUCATION

### Number of staff employed at the Lerwick Further Education Centre:

	1971	1976	1980	1981
Principal (part-time) .. .. .	—	—	1	1
Depute Principal .. .. .	—	—	1	1
Lecturers .. .. .	1	2	5	5
Instructors .. .. .	1	2	3	2
Technicians .. .. .	—	1	2	2

### Students enrolled on F.E. Courses:

	1971	1976/77	1979/80	1980/81
Day release .. .. .	20	22	63	70
Short full-time .. .. .	20	34	42	50

### Evening class enrollment:

	1971	1976/77	1979/80	1980/81
Aith Junior High .. .. .	24	21	0	20
Baltasound Junior High .. .. .	32	56	91	73
Brae Junior High .. .. .	35	91	61	92
Bressay Primary .. .. .	8	0	0	0
Cunningsburgh Primary .. .. .	10	0	0	0
Dunrossness Primary .. .. .	46	52	66	47
Fair Isle Primary .. .. .	0	20	22	6
Gott Primary .. .. .	0	8	0	0
Gruting Primary .. .. .	10	0	0	0
Hamnavoe Primary .. .. .	0	0	10	19
Happyhansel Primary .. .. .	38	16	21	18
Mid Yell Junior High .. .. .	39	58	63	56
Mossbank Primary .. .. .	—	—	—	29
North Roe Primary .. .. .	16	0	11	10
Ollaberry Primary .. .. .	12	0	9	8
Olnafirth Primary .. .. .	0	12	18	36
Sandwick Junior High .. .. .	24	54	19	16
Scalloway Junior High .. .. .	22	0	32	26
Sound Primary .. .. .	—	—	30	43
Symbister House Junior High ..	7	39	37	37
Urafirth Primary .. .. .	12	28	25	32
Whiteness Primary .. .. .	8	14	40	14
Anderson High School .. .. .	234	346	456	527
Total:	577	815	1011	1109

## Health Board

Health services are provided in Shetland by Shetland Health Board.

### Distribution of Expenditure:

Type	Shetland %	Scotland %
Maternity	4.2	5.5
Child Health	5.5	5.4
Elderly	28.4	9.5
Mental Illness and Handicap	0.3	14.7
General and Acute Hospitals	30.6	35.3
Primary Health Care	28.7	23.6
Other	2.3	6.0
<b>Total:</b>	<b>100.0</b>	<b>100.0</b>

### Hospitals:

Name	Type	No. of Beds
New Gilbert Bain Hospital	Acute & Maternity	73
Brevik Hospital	Long stay	44
Old Gilbert Bain Hospital	Long stay	19
Montfield Hospital	Long stay	24

No. of General Medical Practitioners: 16 No. of full-time hospital doctors: 5

### Casualties attending Accident Department, New Gilbert Bain Hospital:

Year	No. of Casualties
1980 .. .. .	2946
1979 .. .. .	2799
1977 .. .. .	2626
1972 .. .. .	1082

## Social Work

The following services, amongst others, were provided by Shetland Islands Council Social Work Department during the year ended 31 March 1981.

No. of Eventide Home beds\*: 60

- " " beds in Group home: 6
- " " beds in Childrens Home: 10
- " " sheltered housing schemes: 28
- " " sheltered houses: 218
- " " laundries: 1
- " " meals on wheels schemes: 20
- " " luncheon clubs: 3
- " " meals delivered (approx.): 60,000
- " " telephone rentals paid: 138
- " " telephones newly installed or taken over: 41
- " " radios supplied to the registered blind/partially sighted: 27

Approx. no. of home helps: 200

Approx. no. of home help clients: 325

\*The Department also supports the Walter and Joan Gray Eventide Home in Scalloway (Church of Scotland): capacity 16 beds.

## Fire Service

The Fire Service in Shetland is run by the Northern Joint Fire Committee, administered by Highland Regional Council. 1981/1982 Requisition from Shetland Islands Council: £892,000.

### Number of Fire Units in Shetland 1980

Location Retained	Establishment	Appliances
Lerwick	20+2 full-time officers	1 Pump Escape 1 Water Tender Ladder 1 Light Fire Appliance
Brae	18	1 Water Tender Ladder 1 Light Fire Appliance
Volunteer		
Baltasound, Bixter, Bressay, Fair Isle, Fetlar, Hamnavoe, Hillswick, Mid Yell, Mossbank, Sandwick, Scalloway, Walls, Whalsay	12 per unit	1 Portable Pump per unit
Sumburgh	12	1 Light Fire Appliance
<b>Total:</b>	<b>208</b>	

### Number of fires attended:

	1971	1976	1979	1980
Chimney fires .. .. .	16	21	30	34
Special services (pumping out boats, properties, etc., road traffic accidents, etc.)	5	13	14	7
Property and small fires .. .. .	17	48	52	49
False alarms, good intent .. .. .	2	4	11	7
False alarms, malicious .. .. .	1	1	2	2
<b>Totals:</b>	<b>41</b>	<b>87</b>	<b>109</b>	<b>99</b>

## Crime

The Shetland Sub-Division of the Northern Constabulary is run by the Northern Joint Police Committee, administered by Highland Regional Council. 1981/82 Requisition from Shetland Islands Council: £1,777,000.

### Number of Police Stations in Shetland 1980:

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	1972	1973	1974	1975	1976	1977	1978	1979	1980
21	24	23	27	27	28	33	42	42	46

### Number of Crimes and Offences reported to the police:

	1972	1976	1979
Class 1: Crimes against the person .. .. .	17	16	77
Class 2: Crimes against property with violence .. .. .	25	43	46
Class 3: Crimes against property without violence .. .. .	97	177	189
Class 4: Malicious injury to property .. .. .	3	32	48
Class 5: Forgery and currency crimes .. .. .	0	0	1
Class 6: Others not included in above .. .. .	4	11	58
Class 7: Miscellaneous (Road Traffic, Litter, etc.) .. .. .	432	1095	1751
<b>Total:</b>	<b>578</b>	<b>1374</b>	<b>2170</b>

The classification of crimes and offences was changed nationally with effect from January 1980. The Northern Constabulary has, with difficulty, been able to re-classify most of the statistics relating to crimes and offences reported to the police for 1979, and the resultant conversion means that the 1979 figures differ from those printed above.

### Number of Crimes and Offences reported to the police (new classification):

	1979	1980
Group 1: Non-sexual crimes against the person .. .. .	65	72
Group 2: Crimes involving indecency .. .. .	14	2
Group 3: Crimes involving dishonesty .. .. .	297	392
Group 4: Fire-raising, malicious & reckless conduct .. .. .	106	149
Group 5: Other crimes .. .. .	73	112
Group 6: Miscellaneous .. .. .	456	498
Group 7: Offences relating to motor vehicles .. .. .	1159	1124
<b>Total:</b>	<b>2170</b>	<b>2349</b>

## Postal Services

### Number of P.O. employees:

	1972	1977	1979	1980
Head Postmaster .. .. .	1	1	1	1
Assistant Head Postmaster .. .. .	1	1	1	1
Postal Executives .. .. .	3	3	3	3
Postal Officers .. .. .	13	12	13	14
Postmen Higher Grade .. .. .	3	3	3	3
Postmen (Full-time) .. .. .	42	46	47	47
Postmen (Part-time) .. .. .	41	23	23	23
Sub-Postmasters .. .. .	59	56	56	56
P.O. Garage Staff .. .. .	n/a	8	8	8
Other .. .. .	2	2	2	2

### Letters and parcels:

Letters delivered (weekly) .. .. .	61887	n/a	86292	n/a
Letters posted (weekly) .. .. .	49866	52602	62400	68600
Parcels delivered (weekly) .. .. .	3314	n/a	3993	3979
Parcels posted (weekly) .. .. .	2103	1813	1665	1684

## Telecommunications

### Number of S.T.B. employees:

	1977	1979	1980
Telephonists .. .. .	35	37	37
Engineers .. .. .	52	68	74

### Number of telephone connections (December of each year):

	1971	1976	1979	1980
Unst .. .. .	143	184	254	295
Yell .. .. .	174	235	327	344
Fetlar .. .. .	21	30	35	35
Northmavine .. .. .	129	174	232	239
Delting .. .. .	147	290	926	1014
Walls & Sandness .. .. .	129	162	219	235
Sandsting & Aithsting .. .. .	175	220	270	283
Nesting & Lunnasting .. .. .	81	107	146	157
Whalsay .. .. .	194	267	309	317
Skerries .. .. .	23	30	31	31
Tingwall .. .. .	335	513	677	705
Bressay .. .. .	56	78	94	105
Burra .. .. .	132	193	232	239
Dunrossness .. .. .	405	696	967	1035
Lerwick .. .. .	1275	2045	2752	2919
<b>Total:</b>	<b>3419</b>	<b>5224</b>	<b>7471</b>	<b>7953</b>

### Number of telephone calls by Shetland telephone users:

	Trunk Calls	IDD Calls
1970	283700	0
1976	1033900	0
1979	3451600	38100
1980	3619200	42490

### Number of other telecommunications installations in Shetland:

	Telex	Datel
1970	5	0
1976	59	0
1979	103	0
1980	103	8

### Number of television licences

	Dec. 1970	Dec. 1976	Dec. 1979	Feb. 1981
Mono .. .. .	4574	5399	2170	1604
Colour .. .. .	0	64	4100	5035
<b>TOTALS:</b>	<b>4574</b>	<b>5463</b>	<b>6270</b>	<b>6639</b>

## Electricity

Number of consumers connected by area (December 31 each year):

	1971	1976	1979	1980
Burra/Trondra .. .. .	259	330	361	361
Bressay .. .. .	110	133	165	177
Unst .. .. .	317	412	447	458
Whalsay .. .. .	250	305	349	359
Yell .. .. .	409	460	551	573
Lerwick .. .. .	2794	3208	3384	3474
Scalloway .. .. .	407	468	478	486
South Mainland .. .. .	947	1210	1344	1396
West Mainland .. .. .	910	1090	1173	1175
North Mainland .. .. .	766	1013	1400	1485
Totals:	7169	8629	9652	9944

Breakdown into categories:

	1971	1976	1979	1980
Domestic .. .. .	6019	7338	8228	8479
Farms .. .. .	41	44	46	46
Public Lighting .. .. .	7	11	28	30
Shops .. .. .	214	220	257	259
Offices .. .. .	66	69	73	81
Public Buildings .. .. .	30	30	32	35
Hotels & Boarding Houses .. .. .	19	22	22	22
H.M. Forces .. .. .	3	4	4	4
Other Commercial & Public .. .. .	702	818	888	914
Water, Gas & Drainage .. .. .	8	9	10	10
Factories & Workshops .. .. .	60	64	64	64
Totals:	7169	8629	9652	9944

Electricity generation:

	1971	1979/80	1980/81
	(1.1.71-31.12.71)	(1.4.79-31.3.80)	(1.4.80-31.3.81)
Units generated (megawatts) .. .. .	32,319,000	132,023,000	143,539,222
Maximum demand (megawatts) .. .. .	11.69	31.26	36.00

Electricity distribution (December of each year):

	1971	1980
33,000 volt overhead lines	24.70 kilometres	98.02 kilometres
33,000 volt underground cables	0.00 kilometres	3.74 kilometres
11,000 volt overhead lines	705.90 kilometres	765.17 kilometres
11,000 volt underground cables	15.10 kilometres	65.48 kilometres
Low voltage overhead lines	340.10 kilometres	345.62 kilometres
Low voltage underground cables	18.90 kilometres	65.59 kilometres

## Cost of Living

Indices		Feb.	May	Aug.	Nov.	1st	2nd & 3rd
		1979	1979	1979	1979	Quarter	Quarters
		1979	1979	1979	1979	1980	1980
Shetland	Lerwick	107.5	111.7	110.6	108.6	108.6	107.8
	Remote	111.4	116.4	116.3	115.8	116.6	117.4
	Village 1	113.1	119.0	114.7	114.1	115.1	114.5
	Village 2	-	-	115.5	116.6	116.7	114.4
	Village 3	-	-	112.5	114.0	113.4	115.7
Rural Average		105.7	110.2	109.7	109.7	109.3	109.6
Aberdeen		100	100	100	100	100	100

The indices are calculated from information collected on the price of food, housing, transport, services and other goods in various locations in rural Scotland, Aberdeen being used as the basis for comparison.

Further information on the methods used to calculate the indices and on the results from other areas can be obtained from the Institute for the Study of Sparsely Populated Areas, University of Aberdeen, to whom we are grateful for their permission to reproduce the above information.

## Community Councils

COMMUNITY COUNCIL CLERKS:

<b>Aithsting &amp; Sandsting</b> .. .. .	(Mrs.) Laurena Fraser, West Burrafirth, Bridge of Walls.
<b>Bressay</b> .. .. .	(Mrs.) Kathleen Manson, Uphouse, Bressay.
<b>Burra &amp; Trondra</b> .. .. .	(Mrs.) W. Inkster, Bon-Abri, Hamnavoe.
<b>Deltig</b> .. .. .	Alan Lovett, 10 Roebrek, Brae.
<b>Dunrossness</b> .. .. .	John A. F. Smith, Hayhoul Place, Bigton.
<b>Fetlar</b> .. .. .	(Mrs.) Loretta Borthwick, Schoolhouse, Fetlar.
<b>Gulberwick, Quarff &amp; Cunningsburgh</b> .. .. .	Robert Jarmson, Meal, Cunningsburgh.
<b>Lerwick</b> .. .. .	Roy Grönneberg, 3 Anderson Homes, Lerwick.
<b>Nesting &amp; Lunnasting</b> .. .. .	(Mrs.) Elizabeth Manson, 2 Bellevue Park, Lerwick.
<b>Northmavine</b> .. .. .	(Mrs.) T. A. Manson, Urafirth, Hevlor.
<b>Sandness &amp; Walls</b> .. .. .	(Mrs.) Laurena Fraser, West Burrafirth, Bridge of Walls.
<b>Sandwick</b> .. .. .	(Mrs.) Rosemary Inkster, Taralea, Hoswick.
<b>Scalloway</b> .. .. .	(Mrs.) M. Irvine, Hillside, Port Arthur, Scalloway.
<b>Unst</b> .. .. .	Cedric Auty, Valsgarth, Haroldswick, Unst.
<b>Whalsay &amp; Skerries</b> .. .. .	Henry A. Stewart, 2 Gardentown, Symbister, Whalsay.
<b>Whiteness, Weisdale &amp; Tingwall</b> .. .. .	(Mrs.) Sandra Cumming, Garths, Girlsta.
<b>Yell</b> .. .. .	Derek A. Rushton, Stonganess, Cullivoe, Yell.

# Electoral Statistics

## JUNE 1979

### European Assembly Election result in the Highlands & Islands constituency:

Winifred Ewing (SNP)	39,991
Russell Johnston (Lib.)	36,109
Michael Joughin (Con.)	30,776
Jack Watson (Lab.)	10,846
SNP maj.	3,882
Total electorate: 298,802 (Shetland: 14,930)	

## MAY 1979

### General Election result in the Orkney & Shetland Parliamentary constituency:

Rt. Hon. Jo Grimond (Lib.)	10,950
Charles Donaldson (Con.)	4,140
Robina Goodlad (Lab.)	3,385
Michael Spens (SNP)	935
Lib. maj.	6,810
Total electorate : 28,892 (Shetland: 14,917; Orkney: 13,975)	

## MARCH 1979

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

No	5,466
Yes	2,020
maj.	3,446
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 that 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 1978 - May 1982)

Ward	Councillor
1. Lerwick Sound .. ..	Lindsay S. Smith, 17 Kantersted Road, Lerwick.
2. Lerwick Clickimin .. ..	Ian Byrne, 2 Westerloch Crescent, Lerwick.
3. Lerwick North .. ..	Robert R. Tulloch, Hederdal, Holmsgarth, Lerwick.
4. Lerwick Central .. ..	William A. Smith, 14 Bruce Crescent, Lerwick.
5. Lerwick Harbour .. ..	Edward Thomason, 6 Mounthooly Place, Lerwick.
6. Lerwick Twageos .. ..	Alexander J. Cluness, 5 Twageos Road, Lerwick.
7. Lerwick Breiwick .. ..	John C. Butler, 20 Hayfield Lane, Lerwick.
8. Unst .. ..	William Playfair, Nethaburn, Quarff.
9. Yell North & Fetlar .. ..	David J. Johnston, Moreview, North Sandwick, Gutter, Yell.
10. Yell South .. ..	Robert S. Gray, Sunnylea, Burravoe, Yell.
11. Northmavine .. ..	Christopher J. Dowle, Ronas Voe, Ollaberry.
12. Delting North .. ..	Fraser Peterson, North House, Brae.
13. Delting South .. ..	Dr James A. Hunter, Kohima, Gott.
14. Nesting & Lunnasting .. ..	Peter B. A. Hunter, Billister, Brettabister, Nesting.
15. Bressay .. ..	James C. Irvine, 20 Twageos Road, Lerwick.
16. Scalloway .. ..	(Mrs.) Jemima Walterson, Greystanes, Berry Rd., Scalloway.
17. Tingwall, Whiteness & Weisdale .. ..	(Mrs.) Florence Grains, Hoove, Whiteness.
18. Whalsay & Skerries .. ..	Henry A. Stewart, 2 Gardentown, Symbister, Whalsay.
19. Sandsting & Aithsting .. ..	Alexander I. Tulloch, Reawick House, Reawick.
20. Walls & Sandness .. ..	Gordon A. Walterson, Norby, Sandness.
21. Gulberwick, Quarff & Cunningsburgh .. ..	(Mrs.) Joan McLeod, 1 Laxdale Road, Cunningsburgh.
22. Burra & Trondra .. ..	William A. Cumming, Bonnieview, Southerhouse, Hamnavoe.
23. Sandwick .. ..	Peter R. Watts, Netherton, Levenwick.
24. Dunrossness North .. ..	William Tait, Bonavista, East Ireland, Bigton.
25. Dunrossness South .. ..	Raymond R. Bentley, 2 Hestingott, Virkie.

## COMMITTEES

Convener:	Alexander I. Tulloch
Vice-Convener:	John C. Butler

Committee Chairmen	Chairman
Development, Leisure and Recreation	Alexander I. Tulloch
Education	Alexander J. Cluness
Environmental Health and Control	William A. Smith
Housing	Edward Thomason
Policy	William Tait
Ports and Harbours	Fraser Peterson
Resources	John C. Butler
Social Work	(Mrs.) Joan McLeod
Transport and General Services	James C. Irvine

## DEPARTMENTS

<b>Chief Executive</b>	<b>Ernest Urquhart</b>	Town Hall, Lerwick
<b>Department Administration</b>	<b>Director</b>	<b>Address</b>
	Patrick Regan	County Buildings, Lerwick.
<b>Construction</b>	William Smith	Grantfield, Lerwick.
<b>Design and Technical Services</b>	Bryan Davison	92 St. Olaf Street, Lerwick.
<b>Education</b>	Robin Barnes	Brentham House, Harbour Street, Lerwick.
<b>Finance</b>	Christopher Ennis	4 Market Street, Lerwick.
<b>Leisure and Recreation</b>	John Nicolson	Hillhead, Lerwick.
<b>Ports and Harbours</b>	Albert Flett	Port Administration Buildings, Sella Ness, Sullom Voe.
<b>Planning</b>	Gordon Mann	Esplanade, Lerwick.
<b>Protective Services &amp; Housing</b>	Douglas Smith	3 Commercial Road, Lerwick.
<b>Research &amp; Development</b>	John Burgess	93 St. Olaf Street, Lerwick.
<b>Social Work</b>	Peter Malcolmson	64 St. Olaf Street, Lerwick.

## FINANCE

### Revenue and Capital Estimates

	1980/81		1981/82	
	(Net) Revenue £ 000	Revised Capital £ 000	(Net) Revenue £ 000	Estimated Capital £ 000
<b>Net Expenditure</b>				
Education .. .. .	9,027	3,219	10,473	4,476
Highways .. .. .	3,612	3,700	4,317	4,089
Housing .. .. .	1,409	3,441	849	3,961
Leisure & Recreation .. .. .	952	51	924	9
Lighting .. .. .	63	60	80	10
Miscellaneous Services	2,486	62	2,598	288
Planning .. .. .	121	—	127	—
Police & Fire .. .. .	2,125	—	2,669	—
Protective Services .. .. .	172	905	153	190
Research & Development .. .. .	953	—	1,196	—
Sewerage .. .. .	467	1,598	766	588
Social Work .. .. .	1,408	26	1,665	150
Transport: Ferries .. .. .	917	367	1,054	350
Transport: Other .. .. .	220	31	245	175
Water .. .. .	511	405	613	405
Ports & Harbours .. .. .	—	6,218	—	3,818
Contingency .. .. .	1,969	—	4,283	—
Section 94 Adjustment .. .. .	1,500	—	—	—
Balance brought forward .. .. .	2,500	—	1,387	—
	<u>30,412</u>	<u>20,083</u>	<u>33,399</u>	<u>18,509</u>
<b>Source of Finance:</b>				
Rate Support Grant .. .. .	8,000	—	9,200	—
Electricity Contributions .. .. .	25	—	25	—
Charged to Rates .. .. .	<u>22,387</u>	—	<u>29,174</u>	—
	<u>30,412</u>	—	<u>33,399</u>	—

Capital expenses are financed initially by borrowing which is repaid over a period of years.

### Rate Support Grant as % of total expenditure 1981/82:

Shetland	27.55%
Scotland (av)	61.14%

## Rating and Valuation

	Rate per £								Total Rateable Value
	Non-Domestic				Domestic				
	Town	County		Town	County		Water		
1970/71	30/4	25/-	to 28/-*	27/-	21/8	to 24/8	4/-	162,233	
1971/72	81p	77	to 96p	70p	66	to 85p	14p	235,641	
1972/73	67p	57	to 81p	55p	45	to 69p	15p	243,699	
1973/74	67p	57	to 62p	52p	42	to 47p	16p	266,857	
1974/75	77p	67	to 72p	60p	50	to 55p	16p	281,102	
1975/76		99p			78p		18p	396,476	
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	

\* Before amalgamation, rate per pound varied from district to district; highest and lowest values for each year are given here.

Revaluations: 16th May, 1971; 1st April, 1978.

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S.I.C. Departments of Administration, Construction, Design and Technical Services, Education, Finance, Ports and Harbours, Protective Services and Housing, Social Work.

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 R. Tulloch: *A Guide to Shetland Mammals* £1.50  
 R. Tulloch & F. Hunter: *A Guide to Shetland Birds* £1.50

