

APPENDIX V - INDOOR FACILITIES SUPPLY AND DEMAND (SWIMMING)

West Dorset Demand Assessment Table - Swimming Pools (Data from 2006)

2001 Census Population

Age Group	Population		Rate of Participation		Participation Nrs		Frequency of Participal Visits Per Week				Total Visits Per Week	Peak Visits	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female			
0 - 15	8371.00	7995.00	13.23	12.72	1107.48	1016.96	0.92	0.95	1018.88		966.12	1985.00	1250.55
16 - 24	3729.00	3406.00	10.86	14.51	404.97	494.21	0.84	0.76	340.17		375.60	715.77	450.9378
25 - 39	7325.00	7845.00	13.73	18.89	1005.72	1481.92	0.71	0.79	714.06		1170.72	1884.78	1187.412
40 - 59	12331.00	13099.00	8.13	10.44	1002.51	1367.54	0.94	0.81	942.36		1107.70	2050.06	1291.54
60 - 79	10065.00	11638.00	3.93	4.52	395.55	526.04	1.18	1.07	466.75		562.86	1029.61	648.6572
Total	41821.00	43983.00							3482.24		4183.00	7665.23	4829.097

Parameters Used in model based upon Sport England National Participation Rates 2004

1. Proportion of visits during peak times = 65%
3. Normal peak periods = 52 hours per week = 49 peak sessions
4. At one time capacity = 0.16667 people m2

A pool unit is defined as an average four lane 25m pool)

Calculated Sport England Demand parameters are applied to the local population using categories of age the same as Sport England.

1. Divide the total peak visits by the number of peak sessions
2. Divide this number by number of people that can fit into 1m2 of pool area
3. Water area (sqm) required to meet potential demand

The current public water space (all pools) available within West Dorset equates to:

This gives the authority a surplus in water space of:

Based on a pool unit being 212m2 (4 lane 25m) there is a surplus of pools of:

	Accessible sqm
Beaminster School Sports Centre	112.13
Bridport Leisure Centre	325
Dorset Snow Sports Centre	119
Highlands End Farm Leisure Club	50.4
Sherborne School for Girls	243.75
Sherborne School Sports Centre	130
Thomas Hardye Leisure Centre	146.25
Thomas Hardye Leisure Centre (Learner)	68.25
Bridport Leisure Centre	90
Moonfleet Manor Swimming Pool	20.16
Moonfleet Manor Swimming Pool	9.48
Summer Lodge Hotel and Spa	16.8
Total	1087.47

844.72 including Sport England 30% Comfort Factor

1087.47

1087.47

496.16

242.75

2.34

1.15