

Harrogate Borough Council

Playing Pitch Assessment and Findings  
(Area Based Supplement)

A

Draft Report

By

Strategic Leisure Limited

February 2008

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## **APPENDICES**

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# **SECTION I – INTRODUCTION AND BACKGROUND**

## **Introduction**

- 1.1 Strategic Leisure Limited (SLL) was commissioned by Harrogate Borough Council (HBC) in December 2007 to provide an area based update and supplement to the Playing Pitch Assessment and Strategy 2004.

## **Scope of the Assessment**

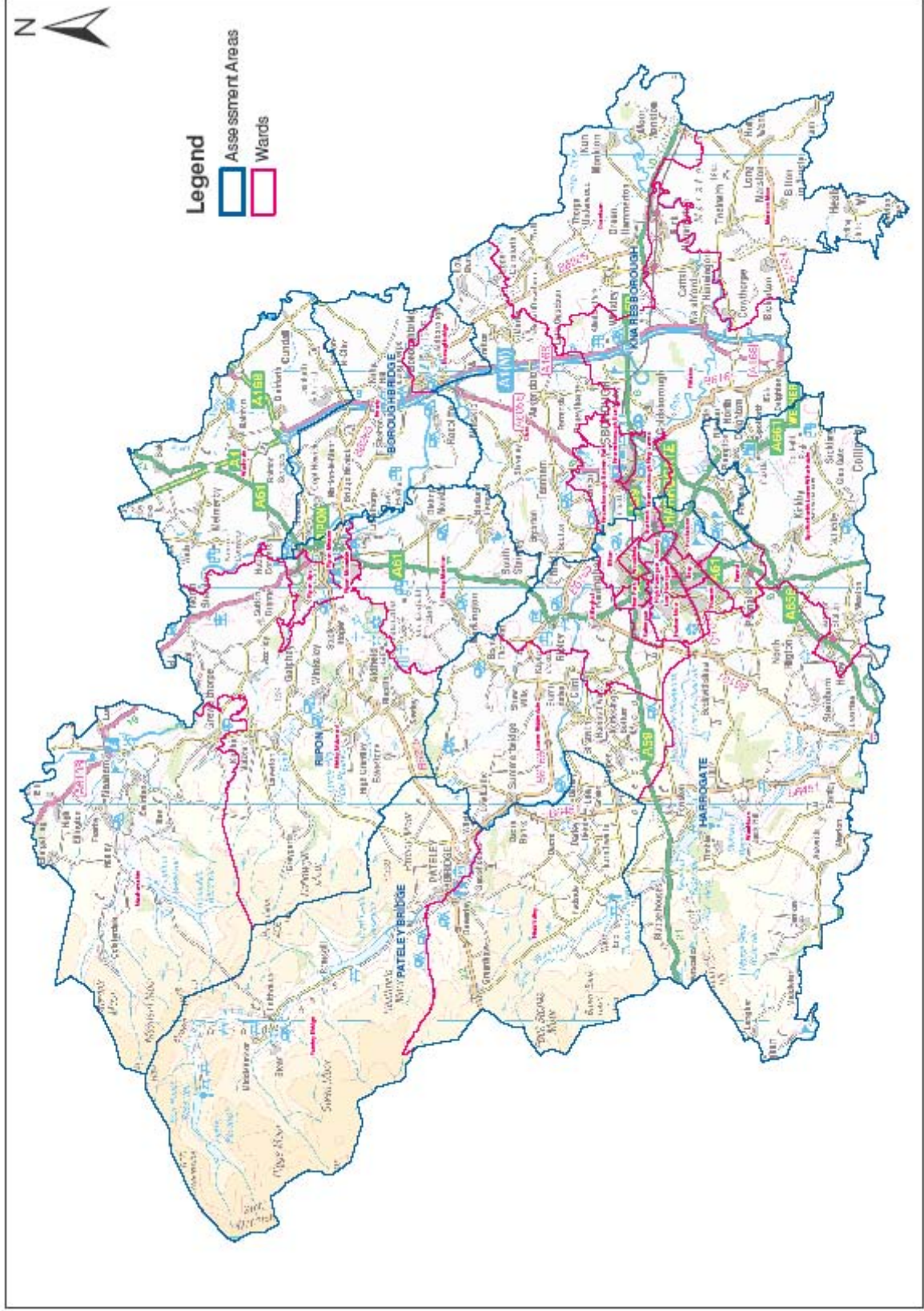
- 1.2 The study encompasses an assessment of all formal outdoor playing pitch facilities (football, cricket, rugby union and hockey) with community use utilising supply/demand information extracted from the HBC Playing Pitch Strategy, June 2004. This supply and demand information has been updated to reflect the position as of Feb 2008 using information from HBC Community Services Dept who liaised with the respective national governing bodies (NGBS) for each sport . The liaison with the NGBS was based on the addition of any new facilities that they had been involved with and also on how many affiliated clubs they knew about in our areas and how many of these clubs had either expanded or reduced, i.e introduced Girls teams for example or lost senior teams. The study has focussed on facilities provided by the public, private, voluntary and education sectors.

## **Framework for the Study/Assessment**

- 1.3 In order to undertake an accurate analysis of demand/supply for the aforementioned sports within Harrogate, the Sport England Playing Pitch Model (PPM) was utilised. The model differs slightly with the one used in the 2004 study as unlike the old PPS toolkit which splits the information on a Saturday/Sunday basis, it splits it down further by AM/PM and by senior and junior. This electronic toolkit was developed to work alongside the `Towards A Level Playing Field` Guide, which is fully endorsed by Sport England and the CCPR (Central Council for Physical Recreation). The PPM can be used to:
- Reflect the existing situation, using data on existing teams and pitches
  - Test the adequacy of current provision by manipulating the variables in the model
  - Predict future requirements for pitches, by incorporating planned pitches and projected changes in population
- 1.4 The aforementioned methodology, designed to replace the guidance published in 1991, was developed to assist Local Authorities assess the level of playing field provision within an area and will provide three key benefits:
- Data can be shared between local authorities for comparison, benchmarking and resolution of cross-boundary problems. This has direct benefits for local authorities' duties under Best Value
  - Experience and expertise can be shared among local authority officers
  - By amalgamating data from all local authorities, there is the potential to create a national database of playing pitches, building upon the recently completed Register of English Football Facilities (REFF) and the Rugby Football Union's Club Audit
- 1.5 The Playing Pitch Model is an Excel spreadsheet containing six tabulated sheets. The following provides an example of the information required for each of the tasks using the overall Harrogate Borough information and the 2001 Census population statistics:
- 1.6 For the purposes of this study the District has been divided into 5 areas. This allows an assessment of the surplus and deficiencies within different parts of this very large District (Map 1).

# SECTION I – INTRODUCTION AND BACKGROUND

MAP 1 District Divided into the Five Assessment Areas



## SECTION I – INTRODUCTION AND BACKGROUND

### Data Input Task 1

### Active Participation Information

1.7 This sheet is designed primarily for data input and requires information on the active population of the study area.

Task 1 - Population Totals within Active Age Groups

Active Age Group	Sport	Male	Female	Mixed
0-5 years	Non active			10027
6-9 years	Football			7515
8-12 years	Rugby			9670
10-15 years	Football	5816	5844	
11-15 years	Hockey	4826	4844	
11-17 years	Cricket	7615	6728	
13-17 years	Rugby	5683	4782	
16-17 years	Rugby		1884	
16-45 years	F'ball/Hockey	29640	29772	
18-45 years	Rugby	26857	27888	
18-55 years	Cricket	37209	38455	
Over 55 years	Non active			43638

Total area population within Active Age Groups (6-55yrs)	99511
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Total area population	151329
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### Data Input Task 2

### Number of teams

1.8 This sheet requires the number of teams by relevant age group and sport within an area.

Task 2 - Total number of Teams within Harrogate

	Age Group	Number of Teams
<b>Football:</b>		
<i>Mini-soccer (U7-U10s) - mixed</i>	6-9yrs	67
Junior football - boys	10-15yrs	51
Junior football - girls	10-15yrs	12
Men's football	16-45yrs	79
Women's football	16-45yrs	1
<b>Totals for football (exc mini)</b>		<b>143</b>
<b>Cricket:</b>		
Junior cricket - boys	11-17yrs	76
Junior cricket - girls	11-17yrs	0
Men's cricket	18-55yrs	156
Women's cricket	18-55yrs	10
<b>Totals for Cricket</b>		<b>242</b>
<b>Hockey:</b>		
Junior hockey – boys	11-15yrs	4
Junior hockey – girls	11-15yrs	4
Men's hockey	16-45yrs	6
Women's hockey	16-45yrs	4
<b>Totals for Hockey</b>		<b>18</b>
<b>Rugby Union:</b>		
Mini-rugby - mixed	8-12yrs	12
Junior rugby - boys	13-17yrs	9
Junior rugby - girls	16-17yrs	0
Men's rugby	18-45yrs	9

## SECTION I – INTRODUCTION AND BACKGROUND

	Age Group	Number of Teams
Women's rugby	18-45yrs	1
Totals for Rugby (ex mini)		19
Rugby League:		
Junior rugby - boys	13-17yrs	0
Junior rugby - girls	13-17yrs	0
Men's rugby	18-45yrs	0
Women's rugby	18-45yrs	0
Totals for Rugby		0

### Data Input Task 3 Ratio of home games and temporal demand

- 1.9 This sheet requires information on the ratio of home games i.e. the number of home games to total number of matches, and the temporal demand.

Task 3 - Ratio of home games and temporal demand

	Football			Cricket		Rugby League		Rugby Union		Hockey	
	Senior	Junior	Mini	Senior	Junior	Senior	Junior	Senior	Junior	Senior	Junior
Ratio of home games	0.5	0.5	1	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5
Temporal Use %											
Saturday AM			21%		4%						
Saturday PM	45%	21%		60%				90%		100%	
Sunday AM	55%	79%	79%		55%			10%	100%		
Sunday PM				2%							100%
Mid week 1- Specify day				38%	41%						
Mid week 2- Specify day											

### Data Input Task 4 Assumptions for the future PPM calculations

- 1.10 In order to assess the future demand for sports pitches and predict the number of sports teams that will be demanding pitches in future years, it is necessary to estimate the potential impact of sports development initiatives. Due to the level of uncertainty surrounding the future direction of Local Authority Sports Development Departments, a figure of 10% has been used to estimate the future effect of sports development work covering individual sports within the Harrogate area. This reflects national targets for increasing sport and physical activity participation by 1% year on year and is further highlighted in the Yorkshire and Humber Plan For Sport. The figures for future surplus/deficit are therefore based on 10% growth which is ten years and therefore 2018.

Task 4 - Assumptions for the Future PPM calculations

Impact of sports development	Percentage increase
Football	10%
Mini soccer	10%

## SECTION I – INTRODUCTION AND BACKGROUND

Impact of sports development	Percentage increase
Cricket	10%
Rugby League	10%
Rugby Union	10%
Hockey	10%

### Data Input Task 5

### Future adult: junior ratio

- 1.11 This sheet considers the ratio of senior and junior teams in the future. Again due to the level of uncertainty a standard assumption (ratio 50:50) for the future level of adult/junior teams has been entered into the spreadsheet. This assumes that, when calculating the future PPM there will be an equal number of adult and junior teams.

#### Task 5 - Future adult / junior team ratio

Future adult / junior team ratio	Percentage of adult teams	Percentage of junior teams
Football	50%	50%
Cricket	50%	50%
Rugby League	50%	50%
Rugby Union	50%	50%
Hockey	50%	50%



## ***SECTION I – INTRODUCTION AND BACKGROUND***

- Vandalism and unauthorised use
- Inappropriate or inadequate maintenance of publicly owned pitches and facilities (standardised regimes not always appropriate)
- Lack of parking

## SECTION II – AUDIT OF SUPPLY AND DEMAND

### Playing Pitches – Supply Audit

2.1 Table 1 provides an overview of the information that was utilised in relation to the supply of pitches.

Table 1 - Supply of pitches (Borough Overall)

AREA	Senior Football Community Use	Junior Football with Community Use	Mini Football with Community use	Cricket Total with Community use	Rugby with Community use	STP with community use	ALL PITCHES WITH COMMUNITY USE
Boroughbridge	3	0	0	2	0	0	5
Pateley Bridge	3	0	0	5	0	0	8
Harrogate Only	23	11	4	14	1	2	55
Knaresborough	14	3	0	13	3	0	33
Ripon	13	1	2	14	2	0	32
<b>HARROGATE OVERALL</b>	<b>56</b>	<b>15</b>	<b>6</b>	<b>48</b>	<b>6</b>	<b>2</b>	<b>133</b>

## SECTION II – AUDIT OF SUPPLY AND DEMAND

2.2 Number of teams. Within the Harrogate Borough, the study research has identified the following number of teams:

Table 2 - Table of Demand by Sport – Number of Teams

Team Type	Number of Teams		Team Type	Number of Teams
<b>Football</b>			<b>Rugby Union</b>	
Senior	80		Senior	10
Junior	63		Junior	9
Mini	67			
<b>TOTAL</b>	<b>210</b>		<b>TOTAL</b>	<b>19</b>

Table 3 - Table of Demand by Sport – Number of Teams

Team Type	Number of Teams		Team Type	Number of Teams
<b>Cricket</b>			<b>Hockey</b>	
Senior	166		Senior	10
Junior	76		Junior	8
<b>TOTAL</b>	<b>242</b>		<b>TOTAL</b>	<b>18</b>

## ***SECTION III – SURPLUS / DEFICIENCY OF PITCHES***

### **Playing Pitches – Surplus/Deficiency of Pitches**

- 3.1 Using the information gathered relating to the supply of pitches and the current demand for those pitches it is possible to identify whether there is a surplus or deficiency in provision for each of the key sports.
- 3.2 The full calculations carried out to identify the current level of provision in relation to demand can be viewed in Appendices 2 – 7.

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

Table 4 - Analysis of Supply and Demand in HARROGATE BOROUGH OVERALL

Sport	Current Number of Teams	Future Number of Teams (including 10% growth)	Number of Pitches (with community use)		Current Surplus/ Deficit – AGAINST PEAK DEMAND (2008)	Future Surplus/ Deficit – AGAINST CURRENT PEAK DEMAND (2018)
Football	Adult	121	Adult	56	+38 pitches (Saturday PM)	+28.7 pitches
	Junior	121	Junior	15	-9.9 pitches (Sunday AM)	-32.8 pitches
	Mini	81	Mini	6	-46.9 pitches (Sunday AM)	-58 pitches
Cricket	Adult	162	Cricket Pitches	48	-21.7 pitches (Saturday PM)	-20 pitches
	Junior	162			+18.7 pitches (Sunday AM)	-14.3 pitches
Rugby League	Adult	0	Rugby Pitches	n/a	n/a	n/a
	Junior	0			n/a	n/a
Rugby Union	Adult	18	Rugby Pitches	6	+1.5 pitches (Saturday PM)	-2.3 pitches
	Junior	18			-4.5 pitches (Sunday AM)	-9.2 pitches
Hockey	Adult	16	STPs	2	-3 pitches (Saturday PM)	-5.8 pitches
	Junior	16			-2 pitches (Sunday PM)	-5.8 pitches

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

3.3 The following tables provide an overview of the results obtained via the PPM in relation to the five key areas stipulated by HBC:

### Harrogate Only

Table 5 - Analysis of Supply and Demand in Harrogate Only

Sport	Current Number of Teams	Future Number of Teams (including 10% growth)	Number of Pitches (with community use)	Current Surplus/ Deficit – AGAINST PEAK DEMAND (2008)	Future Surplus/ Deficit –AGAINST CURRENT PEAK DEMAND (2018)
Football	Adult	63	Adult 23	+10.4 pitches (Sunday AM)	+4.2 pitches
	Junior	63	Junior 11	-1.5 pitches (Sunday AM)	-13.4 pitches
	Mini	41	Mini 4	-24.9 pitches (Sunday AM)	-31 pitches
Cricket	Adult	61	Cricket Pitches 14	-9.1 pitches (Saturday PM)	-9.9 pitches
	Junior	61		-0.1 pitches (Sunday AM)	-12.8 pitches
Rugby League	Adult	0	Rugby Pitches n/a	n/a	n/a
	Junior	0		n/a	n/a
Rugby Union	Adult	13	Rugby Pitches 1	-1 pitch (Saturday PM)	-4 pitches
	Junior	13		-4 pitches (Sunday AM)	-6.3 pitches
Hockey	Adult	16	STPs 2	-3 pitches (Saturday PM)	-5.8 pitches
	Junior	16		-2 pitches (Sunday AM)	-5.8 pitches

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

### Key Issues for Harrogate Area

- **Football:**
  - Provision for **Senior Football** is **adequate** to meet peak demand (Sunday AM) (surplus of 10.4 pitches/11.75 ha)
  - There is a **deficit** in relation to **Junior Football** and peak demand (Sunday AM) (-1.5 pitches/1.54ha) but expected to be a **significant deficit** in the future. (-13.4 pitches/13.8ha)
  - Research indicates a **significant deficit** in relation to **Mini Soccer** (Sunday AM) (-24.9 pitches/10.95 ha)
- **Cricket:**
  - Provision of **Senior Cricket** in Harrogate is **inadequate** to meet demand (- 9.1 pitches/17 ha, Saturday PM)
  - There is a **marginal deficit** (-0.1 pitches/0.18ha) in relation to **Junior Cricket**
- **Rugby Union:**
  - There is a **deficit** in provision for **Adult** (-1 pitch/1.58ha) and **Junior Rugby** (-4 pitches/1.5 ha)
- **Hockey:**
  - There is a **deficit** in provision for **Adult** (-3 pitches/2.7 ha) and **Junior Hockey** (-2 pitches/1.8 ha)

Surplus/deficit for each sport in hectares (Harrogate Area)

	2008 (ha)	2018 (ha)
Adult Football	+ 11.75	+ 4.74
Junior Football	- 1.54	- 13.80
Mini Football	- 10.95	- 13.64
Adult Cricket	- 17.18	- 18.61
Junior Cricket	- 0.18	- 24.06
Adult Rugby Union	- 1.58	- 6.32
Junior Rugby Union	-1.5	- 2.36
Adult Hockey	- 2.7	-5.22
Junior Hockey	- 0.6	- 1.74

The (ha) measurements have been calculated using pitch dimensions referred to in Figure 1.2 Pg 9 of the 2004 Playing Pitch Strategy). The figures from this table are NPFA measures with an additional 25% allowance added for run off areas etc. A pitch size of 0.376 ha has been assumed for junior rugby union based on information from the Rugby Football League and 0.30 ha based on information obtained from HBC Community Services.

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

### Boroughbridge

Table 6 - Analysis of Supply and Demand in Boroughbridge

Sport	Current Number of Teams	Future Number of Teams (including 10% growth)	Number of Pitches (with community use)	Current Surplus/ Deficit – AGAINST PEAK DEMAND	Future Surplus/ Deficit – AGAINST CURRENT PEAK DEMAND
Football	Adult	5.9	Adult 3	+ 1.5 pitches (Saturday PM)	+ 1.2 pitches (Saturday PM)
	Junior	5.9	Junior 0	- 1 pitch (Sunday AM)	- 3 pitches (Sunday AM)
	Mini	3.6	Mini 0	- 3 pitches (Sunday AM)	- 3.6 pitches (Sunday AM)
Cricket	Adult	8.7	Cricket Pitches 2	- 1.5 pitches (Saturday PM)	- 1.8 pitches (Saturday PM)
	Junior	8.7		- 0.1 pitches (Sunday AM)	- 1.7 pitches (Sunday AM)
Rugby League	Adult	0	Rugby Pitches 0	n/a	n/a
	Junior	0		n/a	n/a
Rugby Union	Adult	0	Rugby Pitches 0	n/a	n/a
	Junior	0		n/a	n/a
Hockey	Adult	0	STPs 0	n/a	n/a
	Junior	0		n/a	n/a

### Key Issues for Boroughbridge

- **Football:**
    - Provision for **Senior Football** is **adequate** to meet peak demand (Saturday PM) (1.5 pitches/1.69 ha)
    - Research indicates a **deficit** in relation to **Junior Football** (-1 pitch/1.03 ha) and **Mini Soccer** (-3 pitches/1.32 ha), both adult and junior teams identify peak demand on Sunday AM
  - **Cricket:**
    - There is a **marginal deficit** in relation to **Adult** (-1.5 pitches/ 2.82 ha) and **Junior Cricket** (-0.1 pitch/0.18ha)
- 3.4 Research has indicated that there are currently no hockey or rugby union teams within Boroughbridge.

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

### Pateley Bridge

Table 7 - Analysis of Supply and Demand in Pateley Bridge

Sport	Current Number of Teams	Future Number of Teams (including 10% growth)	Number of Pitches (with community use)			Current Surplus/ Deficit – AGAINST PEAK DEMAND	Future Surplus/ Deficit – AGAINST CURRENT PEAK DEMAND
			Adult	Junior	Mini		
Football	Adult	2	1.7	3		+ 2 pitches (Saturday PM)	+ 2.2 pitches (Saturday PM)
	Junior	0	1.7	0		n/a	n/a
	Mini	0	0	0		n/a	n/a
Cricket	Adult	14	12.7	5		-1.6 pitches (Saturday PM)	- 1 pitches (Saturday PM)
	Junior	5	12.7			+2.2 pitches (Midweek)	- 2.1 pitches (Midweek)
Rugby League	Adult	0	0	0		n/a	n/a
	Junior	0	0			n/a	n/a
Rugby Union	Adult	0	0	0		n/a	n/a
	Junior	0	0			n/a	n/a
Hockey	Adult	0	0	0		n/a	n/a
	Junior	0	0			n/a	n/a

### Key Issues for Pateley Bridge

- **Football:**
  - Provision for **Senior Football** is **currently adequate** to meet peak demand (Saturday PM) (**2 pitches/2.26 ha**)
  - Research has indicated that there are currently no junior football teams within Pateley Bridge, however future predictions estimate 1.7 junior teams within the area
- **Cricket:**
  - Provision of **Senior Cricket** in Pateley Bridge is **inadequate** to meet demand (**deficit of 1.6 pitches/3 ha Saturday PM**)
  - There is a **surplus of 2.2 junior pitches/4 ha (Midweek)** although future predictions estimate a **deficit of 2.1 pitches/3.94 ha** should there be a 50% growth in junior teams

3.5 Research has indicated that there are currently no hockey or rugby union teams within Pateley Bridge.

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

### Knaresborough

Table 8 - Analysis of Supply and Demand in Knaresborough

Sport	Current Number of Teams	Future Number of Teams (including 10% growth)	Number of Pitches (with community use)	Current Surplus/Deficit – AGAINST PEAK DEMAND	Future Surplus/Deficit – AGAINST CURRENT PEAK DEMAND
Football	Adult	30.5	Adult 14	+ 9.5 pitches (Sunday AM)	+ 5.9 pitches (Sunday AM)
	Junior	30.5	Junior 3	- 6 pitches (Sunday AM)	- 11.5 pitches (Sunday AM)
	Mini	27.8	Mini 0	-20.9 pitches (Sunday AM)	- 25.3 pitches (Sunday AM)
Cricket	Adult	40.1	Cricket Pitches 13	- 3.9 pitches (Saturday PM)	- 2.5 pitches (Saturday PM)
	Junior	40.1		- 0.2 pitches (Midweek)	+ 13 pitches (Midweek)
Rugby League	Adult	0	Rugby Pitches 3	n/a	n/a
	Junior	0		n/a	n/a
Rugby Union	Adult	1.9	Rugby Pitches 3	+ 2 pitches (Saturday PM)	+ 2 pitches (Saturday PM)
	Junior	1.9		0	n/a
Hockey	Adult	0	STPs 0	n/a	n/a
	Junior	0		n/a	n/a

### Key Issues for Knaresborough

- **Football:**
  - Provision for Senior Football is adequate to meet peak demand (Sunday AM) (9.5 pitches/10.7 ha)
  - There is a deficit (6 pitches/6.18 ha) in relation to Junior Football and peak demand (Sunday AM)
  - Research indicates a significant deficit (-20.9 pitches/9.19 ha) in relation to Mini Soccer (Sunday AM)
- **Cricket:**
  - Provision of Senior Cricket in Knaresborough is inadequate to meet demand (-3.9 pitches/ 5.78 ha)
  - There is a marginal deficit (0.2 pitches/0.37 ha) in relation to Junior Cricket, however it should be noted that the junior matches are likely to be spread throughout the week rather than all on one night and are such there is likely to be sufficient provision to meet demand

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

- **Rugby Union:**
  - There is a slight surplus (2 pitches/3.16 ha) in provision for **Adult Rugby**
- **Hockey:**
  - There are currently no hockey teams within Knaresborough

### Ripon

Table 9 - Analysis of Supply and Demand in Ripon

Sport	Current Number of Teams	Future Number of Teams (including 10% growth)	Number of Pitches (with community use)	Current Surplus/ Deficit – AGAINST PEAK DEMAND	Future Surplus/ Deficit
Football	Adult	20.3	Adult	+ 9.5 pitches (Saturday PM / Sunday AM)	+ 7.9 pitches (Saturday PM / Sunday AM)
	Junior	20.3	Junior	- 2.5 pitches (Sunday AM)	- 6.1 pitches (Sunday AM)
	Mini	8.5	Mini	- 5 pitches (Sunday AM)	- 6.5 pitches (Saturday AM)
Cricket	Adult	39.5	Cricket Pitches	- 2.6 pitches (Saturday PM)	- 2 pitches (Saturday PM)
	Junior	39.5		+ 4.9 pitches (Midweek)	- 5.9 pitches (Midweek)
Rugby League	Adult	0	Rugby Pitches	n/a	n/a
	Junior	0		n/a	n/a
Rugby Union	Adult	3.9	Rugby Pitches	+ 0.5 pitches (Saturday PM)	+ 0.1 pitches (Saturday PM)
	Junior	3.9		- 0.5 pitches (Sunday AM)	- 1.9 pitches (Sunday AM)
Hockey	Adult	0	STPs	n/a	n/a
	Junior	0		n/a	n/a

### Key Issues for Ripon

- **Football:**
  - Provision for **Senior Football** is **adequate** to meet peak demand (Saturday PM/Sunday AM) (9.5 pitches/10.7 ha); however there is a current deficit in relation to Junior Football (-2.5 pitches/2.57 ha) and Mini Soccer (peak demand Sunday AM) (-5 pitches/ 2.2 ha)
  -

## SECTION III – SURPLUS / DEFICIENCY OF PITCHES

- **Cricket:**
  - Provision of Senior Cricket in Ripon is inadequate to meet demand (deficit of 2.6 pitches/4.88 ha, Saturday PM)
  - There is a surplus of pitches (4.9 pitches/ 9.2 ha) in relation to Junior Cricket
- **Rugby Union:**
  - Analysis identifies a marginal surplus (0.5 pitches/0.79 ha) for adult rugby compared to a marginal deficit (0.5 pitches/0.18 ha) for junior rugby.
- **Hockey:**
  - Research indicates that there are currently no hockey teams within Ripon