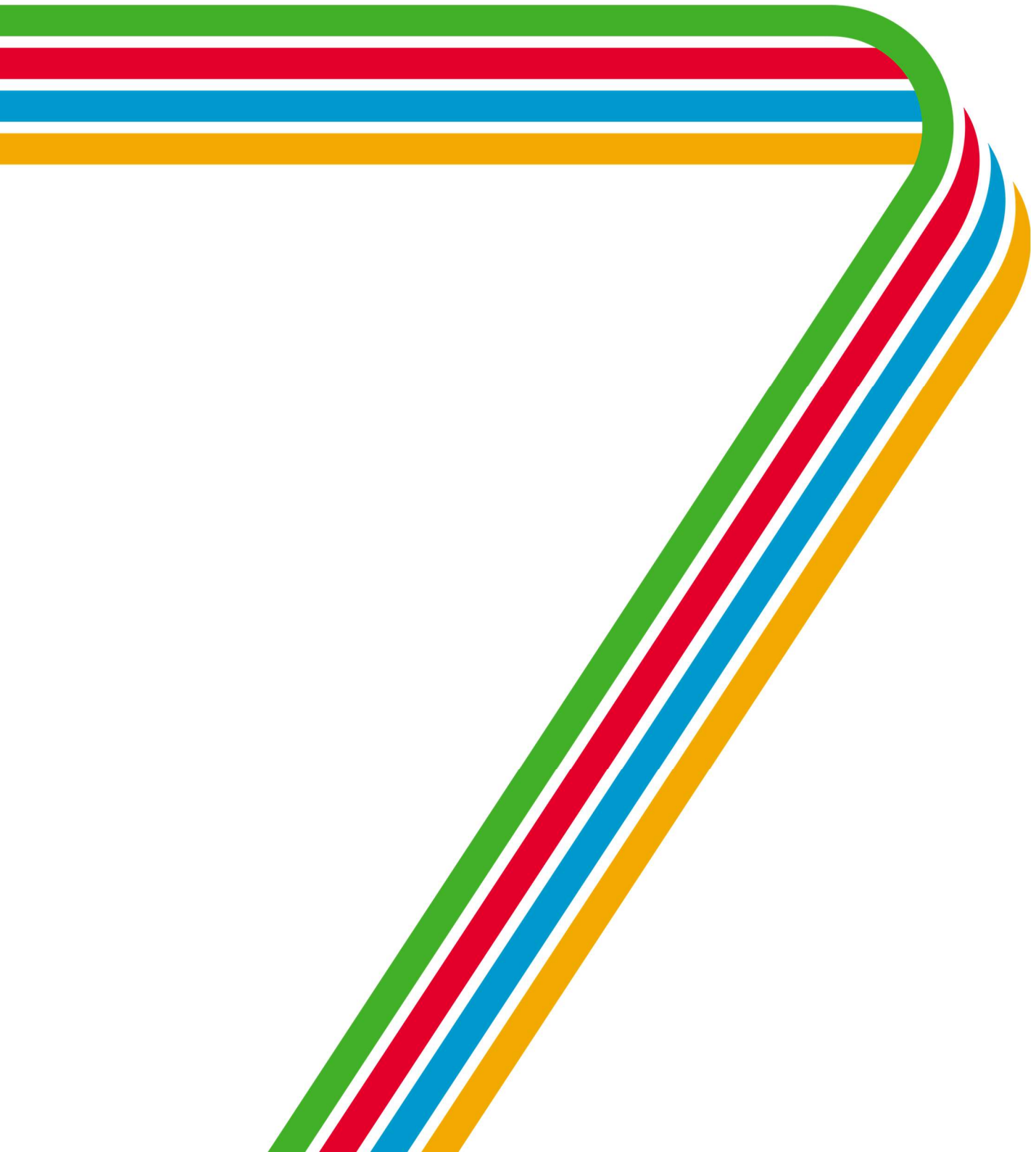




Milton Keynes Playing Pitch Strategy

Needs Assessment Report

Date: August 2020



SHAPING THE FUTURE OF SPORT



4global Consulting Terms of Reference

Estimates and forecasts contained within this report are based on the data obtained at that time and the accuracy of resultant findings and recommendations is dependent on the quality of that data.

The author(s) will not be held liable for any data provided by third party organisations as part of the Playing Pitch Strategy (PPS) delivery process. While the data and recommendations have been conscientiously reviewed through the PPS governance process followed throughout project delivery, it has not been possible for the author to independently review every element of data provided by third parties.

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Section 1: Introduction and Methodology



1 Introduction and Methodology

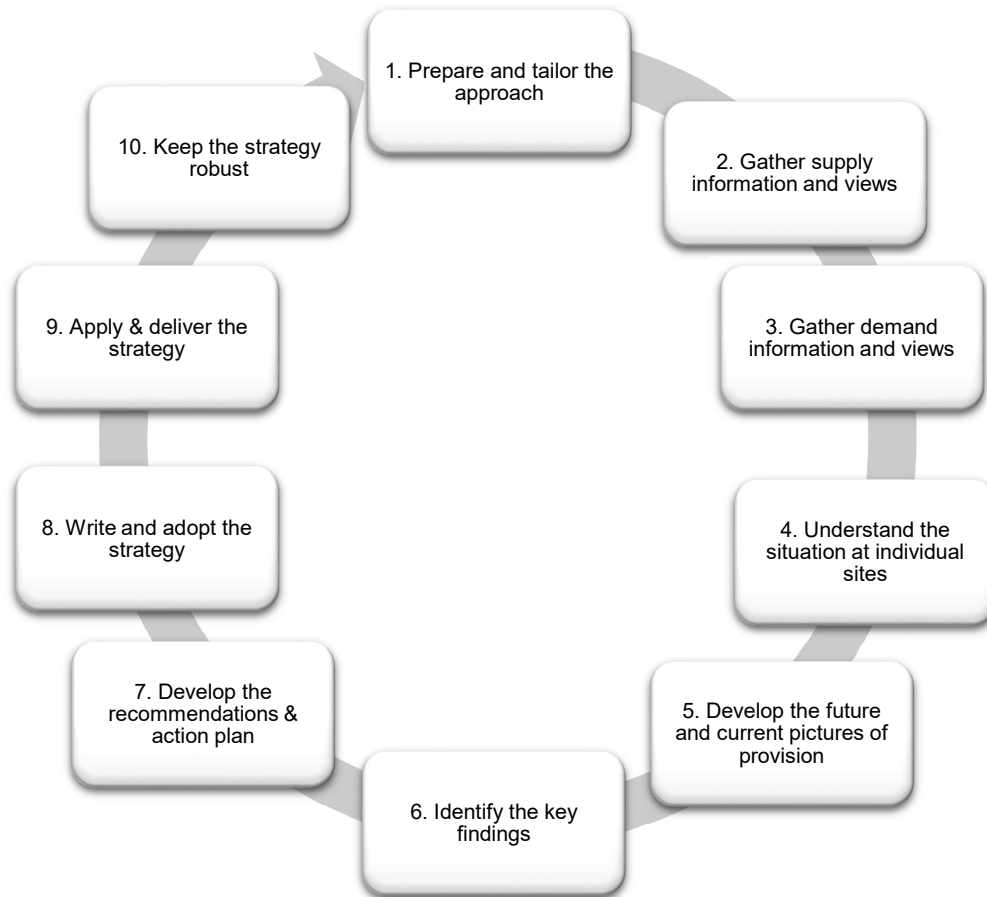
1.1 Project Scope and Objectives

- 1.1.1 Milton Keynes Council (MKC) has commissioned 4global Consulting to prepare a Playing Pitch Strategy (PPS), to provide the Council with a clear evidence base and set of recommendations for future outdoor sports facility development across the Local Authority Area.
- 1.1.2 A PPS is a strategic assessment that provides an up to date analysis of supply and demand for playing pitches (grass and artificial) and for sports played outside in the local authority. The strategy and the evidence base upon which it is based is delivered using national guidance and facility insight from specific Governing Bodies of Sport. The assessment will focus on facilities used by the following sports:
- Football
 - Cricket
 - Rugby Union
 - Rugby League
 - Hockey
 - Lacrosse
 - Baseball and Softball
- 1.1.3 Within these sports, the strategy will seek as far as is practical to include consideration of all forms of play, whether;
- Affiliated Club and league based (formal) play and training
 - Recreational programmed forms of the respective sports (e.g. turn up and play 'products' such as Rush Hockey, FA Just Play, Last Man Stands Cricket, Cage Cricket and Touch Rugby)
 - Informal and un-programmed play by groups of residents, workers, students, school friends (out of school).
- 1.1.4 The PPS will provide a holistic analysis of sports facilities across the study area, leading to a comprehensive set of recommendations for the future development of facilities, in line with the needs of local residents.
- 1.1.5 The consultant team has worked with the Council to provide a strategy that is fit-for-purpose and addresses the specific issues and risks for the area. It is key that this Playing Pitch Strategy reflects the local context and enables the Council to maximise the amount of high-quality sporting provision for its residents, while understanding the need to meet planning and housing requirements. The Strategy will therefore aim to deliver against the following drivers:
- Contribution to the Councils local plan through the provision of a clear action plan with owners and defined timescales for completion
 - Recognition of the importance of outdoor physical activity and sport and the clear demonstration of how these should be prioritised within any development or regeneration project
 - Provision of needs assessment document produced using an evidenced based approach and the management of a clear sign-off and governance structure for key stakeholders.
 - Recommendations underpinned by clear evidence to support a wider review into sport and physical activity provision, including housing and population growth projected in neighbouring local authorities.

1.2 Methodology

1.2.1 The assessment methodology adopted for the PPS follows the published guidance from Sport England. The guidance used is the 2013 version, Playing Pitch Strategy Guidance – An Approach to Developing and Delivering a Playing Pitch Strategy¹. Figure 1 summarises the approach proposed in this guidance and is broken down into 10 steps.

Figure 1.1: Developing and Delivering a Playing Pitch Strategy – The 10 Step Approach (Sport England, 2013)



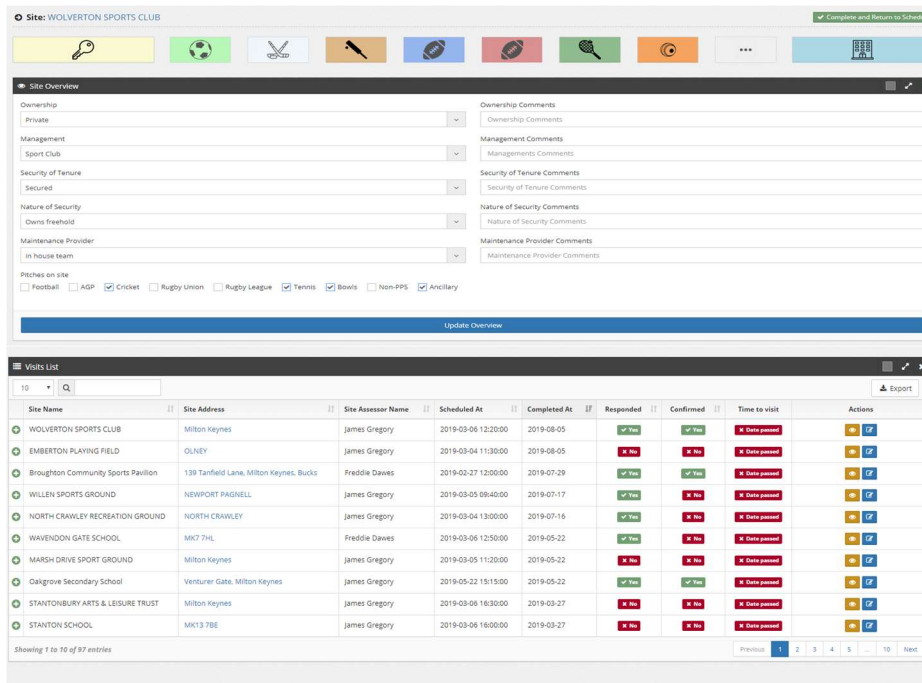
1.2.2 The findings in this report are based on data collected from several credible sources, including but not limited to;

- Local authority and public policy strategic documentation;
- Sport England tools, including Active Places Power, the Active Lives Survey and the Sports Facility Calculator;
- Stakeholder consultation, including Council Officers, Sport England, relevant National Governing Bodies of Sport and local clubs
- Site visits, undertaken at all sites across the Study area.

¹ <https://super.sportengland.org/media/3522/pps-guidance-october-2013-updated.pdf>

1.2.3 To facilitate information gathering and help ensure PPS reports are based on a robust evidence base, 4global has developed an online data entry and assessment platform (see example below), which contains all site and club information. This will enable the Council to keep supply and demand information and the strategy up to date through to the end of the strategy and beyond.

Figure 1.2: 4global's Online Playing Pitch Platform



1.2.4 A project steering group comprising representation from the Council, Sport England and National Governing Bodies of Sport (NGBs) has guided the study from its commencement. At critical milestones, the Steering Group members have reviewed and verified the data and information collected to allow the work to proceed efficiently through each stage.

1.2.5 It should be noted however, that the availability of some steering group members has been affected by Covid-19 and has meant that certain stages of the PPS have not been reviewed and signed off by certain members. More detail can be found below in section 1.4.

1.3 Report Structure

1.3.1 The structure of the PPS report is as follows

- Section 1 – Introduction and Methodology
- Section 2 – Strategic Context
- Section 3 – Football
- Section 4 – Cricket
- Section 5 – Rugby Union
- Section 6 – Hockey
- Section 7 – Artificial Grass Pitches (AGPs)
- Section 8 – Lacrosse
- Section 9 – Rugby League
- Section 10 – Baseball/Softball
- Section 10 – Glossary of Terms.

1.3.2 Supporting information is included in the appendices and referenced throughout.

1.3.3 In addition to this need's assessment, a strategy document has also been produced, which provides future recommendations, scenario testing and a site by site action plan for key sites across the local authority.

1.4 Statement on COVID-19

1.4.1 During the development of this document the UK Government implemented measures designed to limit the spread of the COVID-19 virus. These measures resulted in a number of steering group partners being unavailable to provide final comments and sign-off of the PPS document.

1.4.2 All partners were engaged with the PPS process throughout the project up until the beginning of April 2020. As such, all PPS partners have had the opportunity to review and comment on all layers of analysis presented in this report and the accompanying appendices. All supply and demand data underpinning this report has been signed-off as accurate by the Milton Keynes PPS Steering Group.

1.4.3 The data utilised for the analysis in this PPS was gathered previous to the outbreak of COVID-19. This report's findings do not take into consideration its potential impact in the supply and demand for sport in the area. Sport England's PPS guidance contains provision for PPS documents to be reviewed and updated on an on-going basis, and due to the impact of COVID-19 being unknown with regards to current and future participation levels across all sports, it is recommended that the PPS steering group reconvenes at the earliest opportunity to agree any further updates to this document.

1.4.4 As of August 25th, 2020, the following NGB's had not signed of the relevant chapters of this document:

- The Football Association
- The English Cricket Board (ECB)
- England Hockey
- The Rugby Football League

2 Strategic Context

2.1 Milton Keynes

- 2.1.1 Milton Keynes is a unitary authority area and borough of the ceremonial county of Buckinghamshire. It is the northernmost district of the South East England Region. The Borough borders the non-metropolitan counties of Bedfordshire, Northamptonshire and Buckinghamshire. The principal settlement in the borough is Milton Keynes itself, which accounts for about 29% of its area and 90% of its population.
- 2.1.2 Milton Keynes has a well-connected transportation network; with the M1 motorway, Luton Airport and numerous railway stations on the main line to London, the North and Scotland. Milton Keynes is also home to the East-West Rail progress growth corridor connecting the growth areas of Oxford, Milton Keynes and Cambridge.
- 2.1.3 Due to its transportation and commercial links Milton Keynes has a thriving economy in terms of service areas as well as the knowledge base sectors. Major companies have warehouses located in the growth corridor due to the ease of access as well as being a popular commute hub into London and other surrounding areas. Milton Keynes is also well established in the knowledge sector economy with high tech companies being located within the borough. As a result, according to data from the Office of National Statistics for 2015 and 2016, the Borough is the sixth highest performing NUTS3 region in the UK (and the highest outside inner London), on the basis of gross value added per head.

2.2 Planning Policy

- 2.2.1 There are a number of key national and local strategies and policies that inform and influence the development of Playing Pitch Strategies. These policies inform the approach to current and future provision of sports facilities, linked to health improvement, increased participation, and the appropriate levels of provision of facilities to meet local needs.
- 2.2.2 From a planning perspective, the national agenda makes the link between national planning policy, a Local Plan and population growth at local level, and the need to plan for increased demands for infrastructure and provision, linked to Protect, Enhance and Provide (Sport England priorities); these are the key elements of the National Planning Policy Framework (NPPF). This will be explained further in the following sections.
- 2.2.3 It should be noted that as Milton Keynes Council is a unitary authority, planning policy has been summarised both nationally and locally.

National Planning Policy Framework (NPPF)

- 2.2.4 The National Planning Policy Framework (NPPF) sets out the requirement of local authorities to establish and provide adequate and proper leisure facilities to meet local needs. Paragraphs 96 and 97 outline the planning policies for the provision and protection of sport and recreation facilities:

PAR 96: "Access to high quality open spaces and opportunities for sport and recreation can make an important contribution to the health and well-being of communities. Planning policies should be based on robust and up to date assessments of the needs for open space, sports and recreation facilities (including quantitative or qualitative deficits or surpluses) and opportunities for new provision. Information gained from the assessments should be used to determine what open space, sports and recreational provision is needed, which plans should then seek to accommodate."

PAR 97: “Existing open space, sports and recreational buildings and land, including playing fields, should not be built on unless:

- An assessment has been undertaken which has clearly shown the open space, buildings or land to be surplus to requirements; or
- The loss resulting from the proposed development would be replaced by equivalent or better provision in terms of quantity and quality in a suitable location; or
- The development is for alternative sports and recreational provision, the needs for which clearly outweigh the loss.”

Protection, Enhancement and Provision Of facilities

2.2.5 Sport England is a statutory consultee on all planning applications that affect playing fields as set out in its 2018 playing fields policy, Sport England’s policy regarding playing fields is:

“...to protect all parts of a playing field, not just those which happen, for the time being, to be laid out as pitches. This is because those other parts of a playing field are a resource which must be needed, now or in the future, and it is important that they be afforded the same protection.”

2.2.6 As well as protecting sports facilities, it looks to improve the quality access and management of sports facilities as well as investing in new facilities to meet unsatisfied demand.

2.2.7 The key drivers for the production of the strategy as advocated by Sport England are to protect, enhance and provide sports facilities, as follows²:

- Protect: to provide evidence to inform policy and specifically to support site allocations and development management policies which will protect sports facilities and their use by the community, irrespective of ownership
- Enhance: to ensure that sports facilities are effectively managed and maintained and that best uses are made of existing resources; whether facilities, expertise and/or personnel to improve and enhance existing provision, particularly in light of the pressure on local authority budgets
- Provide: to provide evidence to help secure external funding for new facilities and enhancements through grant aid and also through the Community Infrastructure Levy (CIL) and Section 106 agreements. Sport England and local authorities can then use the strategies developed and the guidance provided in making key planning decisions regarding facility developments in the area and to support or protect against loss in relation (refused planning application) to planning applications brought forward by developers.

A New Strategy for Sport – Department for Culture, Media and Sport

2.2.8 The department for culture, media and sport, following a consultation paper in 2015, launched the new strategy ‘Sporting Future: A New Strategy for an Active Nation’ in 2016. The development of the new strategy reflects a need to re-invigorate the nation’s appetite for participation in sport following what appears to be a significant reduction in participation (highest profile being swimming), following the upsurge after the 2012 London Olympics.

²Sport England Sport Facility Calculator: <https://super.activeplacespower.com/reports/sports-facility-calculator>

- 2.2.9 The sport strategy is targeting five outcomes which each sports organisation, public or private sector, will be measured against: Physical wellbeing, Mental Wellbeing, Individual Development, Social and Community Development and Economic Development.
- 2.2.10 Government funding will go toward organisations which can best demonstrate that they will deliver some or all of the five outcomes.
- 2.2.11 The delivery of the outcomes will be through three broad outputs:
- More people from every background regularly and meaningfully taking part in sport and physical activity, volunteering and experiencing live sport
 - A more productive, sustainable and responsible sports sector
 - Maximising international and domestic sporting success and the impact of major sports events.

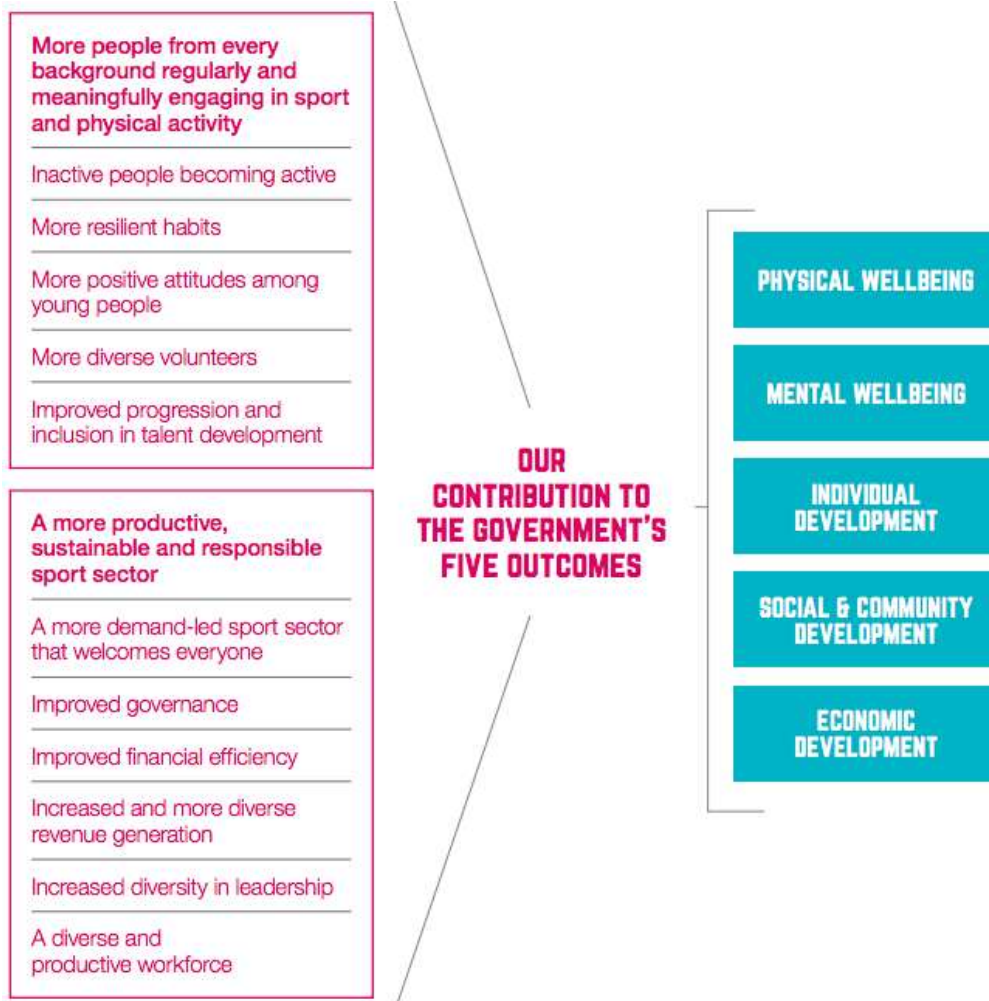
Towards An Active Nation – Sport England Strategy 2016

- 2.2.12 The vision for the strategy is:

“We want everyone in England regardless of age, background or level of ability to feel able to engage in sport and physical activity. Some will be young, fit and talented but most will not. We need a sport sector that welcomes everyone – meets their needs, treats them as individuals and values them as customers.”

- 2.2.13 The Sport England strategy ‘Towards An Active Nation’ puts the policies set out in ‘A New Strategy for an Active Nation’ into practice. This will mean significant change for Sport England and for their partners.

Figure 2.1: The Sport England Strategy Contribution to Government Outcomes



2.2.14 This strategy set out how Sport England will deliver this task. The key changes Sport England will make are:

- Focusing more money and resources on tackling inactivity because this is where the gains for the individual and for society are greatest
- Investing more in children and young people from the age of five to build positive attitudes to sport and activity as the foundations of an active life
- Helping those who are active now to carry on, but at lower cost to the public purse over time. Sport England will work with those parts of the sector that serve the core market to help them identify ways in which they can become more sustainable and self-sufficient
- Putting customers at the heart of what we do, responding to how they organise their lives and helping the sector to be more welcoming and inclusive, especially of those groups currently under-represented in sport
- Helping sport to keep pace with the digital expectations of customers
- Working nationally where it makes sense to do so (for example on infrastructure and workforce) but encouraging stronger local collaboration to deliver a more joined-up experience of sport and activity for customers
- Working with a wider range of partners, including the private sector, using our expertise as well as our investment to help others align their resources
- Working with the sector to encourage innovation and share best practice, particularly through applying the principles and practical learning of behaviour change.

Local Planning Policy

2.2.15 At the time of writing Milton Keynes Council have adopted their new local plan, Plan:MK which has a lifespan between 2016 – 2031. Plan:MK sets out the Council’s strategy for meeting the Borough’s needs until 2031. It outlines:

- the Council’s vision and objectives for the Borough’s development over the Plan period;
- the scale and distribution of growth for homes, jobs and retail and leisure uses;
- strategic policies to provide context for the more detailed Development Management policies, including infrastructure, place-making principles, climate change and green infrastructure;

2.2.16 The Local Plan sets out a vision and framework for development in the Local Authority Area for the next 15 years (until 2031). It addresses the needs and opportunities across a number of themes, including housing, the economy, infrastructure, transport and sustainability. The Local Plan has been through an ideas generation consultation and the public have been given the opportunity to give feedback on this stage.

2.3 Physical Activity and Participation

The Value of Participation

2.3.1 The value of participation in sport and physical activity is significant, and its contribution to individual and community quality of life should not be underestimated. This is true for both younger and older people; participation in sport and physical activity delivers:

- Opportunities for physical activity, and therefore more ‘active living’
- Health benefits: cardiovascular, stronger bones, mobility
- Health improvement
- Mental health benefits
- Social benefits: socialisation, communication, inter-action, regular contact, stimulation.

2.3.2 In addition, participation in sport and physical activity can facilitate the learning of new skills, development of individual and team ability / performance, and provide a disciplined environment in which participants can ‘grow’ and develop.

2.3.3 The benefits of regular and active participation in sport and physical activity will be important to promote in relation to future sport, leisure and physical activity in Milton Keynes. There is an existing audience in the study area, which already recognises the advantages of participation, and a latent community who are ready to take part. The sport, physical activity and leisure offer in the study area is set out in the Milton Keynes Sport and Active Communities Strategy (2014-2023).

Current Participation Rates

2.3.4 The figures in Table 2.1 are taken from Sport England’s Active Lives Survey and provide a comparison for Milton Keynes to the wider region and national level. Active Lives defines physical activity in the following way: “Active” participants are defined as those completing at least 150 minutes of physical activity per week; ‘Fairly Active’ are those completing between 30-149 minutes per week, ‘Inactive’ participants have done less than 30 minutes of physical activity in the past week.

Table 2.1: Comparison of Physically Active and Inactive Adults (Active Lives Survey 2017/18)

Rate	Milton Keynes	South East	England
% Active	66.3 %	65.9%	62.3 %

Rate	Milton Keynes	South East	England
% Inactive	21.0%	52.7%	56.6 %

2.3.5 The survey shows that Milton Keynes is highly comparable to the South East region and the national picture in levels of “Active” participation and it has significantly lower levels of “Inactive” participants.

2.3.6 These figures have stayed relatively stable with some fluctuations in levels of activity since the start of the survey. This can be seen in Table 2.2. An overall positive increase can be seen which is important to show the overall population becoming more active.

2.3.7

Table 2.2: Levels of Active Participation in Milton Keynes (Active Lives Survey)

Survey Period	Rate %
November 2015/ 2016	62.8%
May 2016/2017	60.8%
November 2017/ 2018	66.3%
May 2017/ 2018	68.2%

2.4 Population and Demographic Analysis

2.4.1 The current and future population profile within Milton Keynes and the locations of population growth are important to understand in planning for the future provision of sport and physical activity.

Population Projections

2.4.2 Table 2.3 below provides a summary of the key population and demographic trends for Milton Keynes. It should be noted that this data is consistent with that used across the Sport and Leisure Built Facilities Strategy, as well as the wider strategic planning work currently being undertaken by the Council.

Table 2.3: Population and Demographics Analysis for Milton Keynes

Current and Future Population	Data
Current population (2018)	268,607 (data provided by Milton Keynes Council and ONS)
Future population-2031	299,404 (data provided by Milton Keynes Council and ONS)
Notes on population figures	The population growth figures predict a 11.4% increase over the lifetime of the local plan. This should have an impact on the level of demand Milton Keynes is facing.
Age profile	The number of residents across the majority of age brackets is projected to increase, most notably the number of people aged 60 and above. Despite this, there are fluctuations in the 20-24 and 25-29 age brackets, with periods of population decreases in these age brackets expected throughout the lifetime of the strategy.

2.4.3 To provide greater insight into the current projected population trends across the Study Area, Figure 2.2 and Figure 2.3 overleaf show the overall 2019 population per Lower Super Output Area (LSOA) and the 2017 population density and the deprivation rates inside the study area.

2.4.4 For the purpose of this strategy, sub areas including multiple wards have been created. The wards within each sub area are set out below:

North

- Newport Pagnell North and Hanslope
- Olney
- Newport Pagnell South
- Wolverton
- Stantonbury

East

- Dansborough and Walton
- Monkston
- Broughton

South

- Bletchley West
- Bletchley Park
- Bletchley East

West

- Tattenhoe
- Shenley Brook End
- Loughton and Shenley
- Stony Stratford

Central

- Bradwell
- Central Milton Keynes
- Campbell Park and Old Woughton
- Woughton and Fishermead

Figure 2.2: Usual Resident Population by LSOA in Milton Keynes (2019)

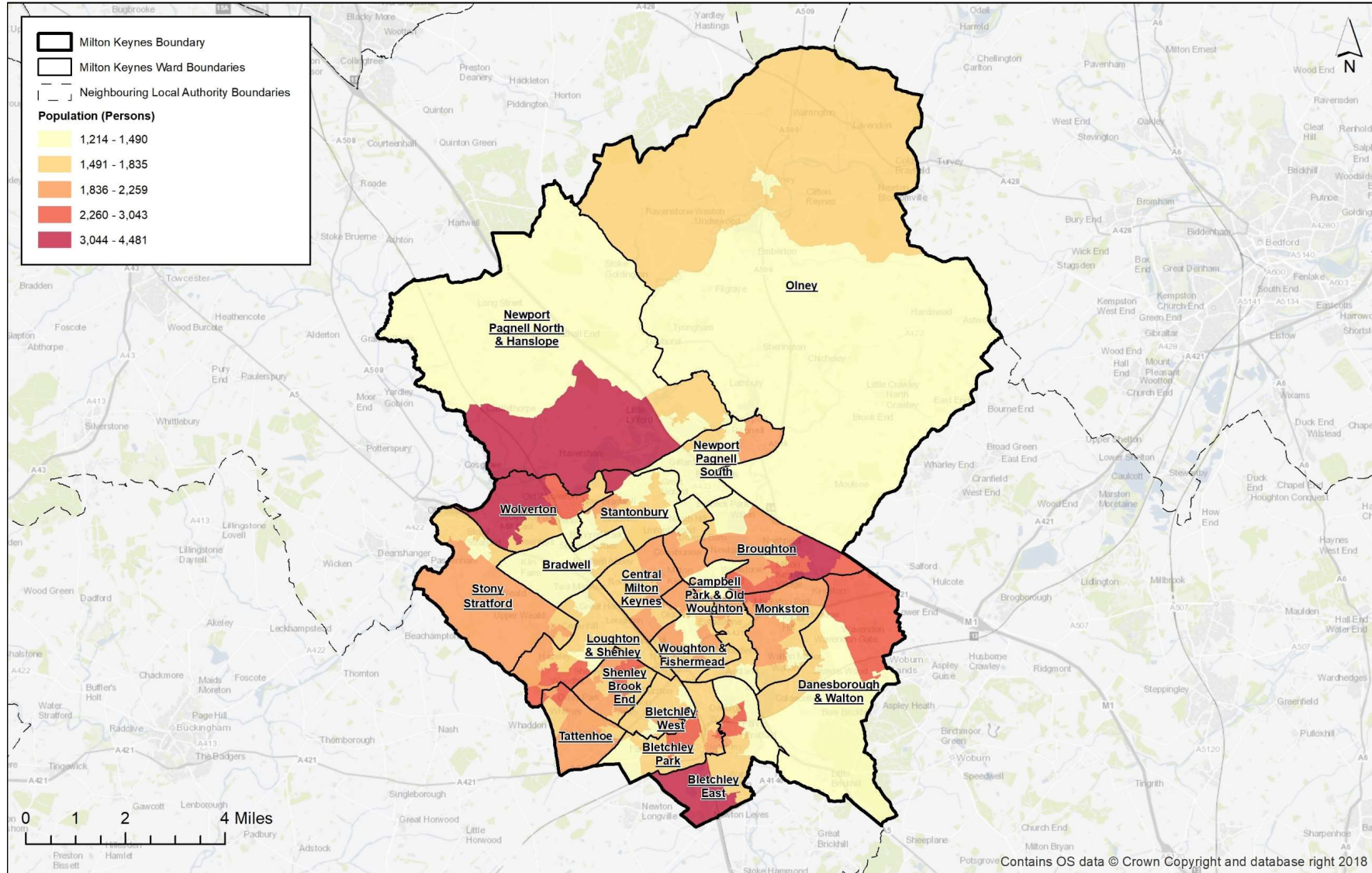


Figure 2.3: Usual Resident Population Density by LSOA in Milton Keynes (2019)

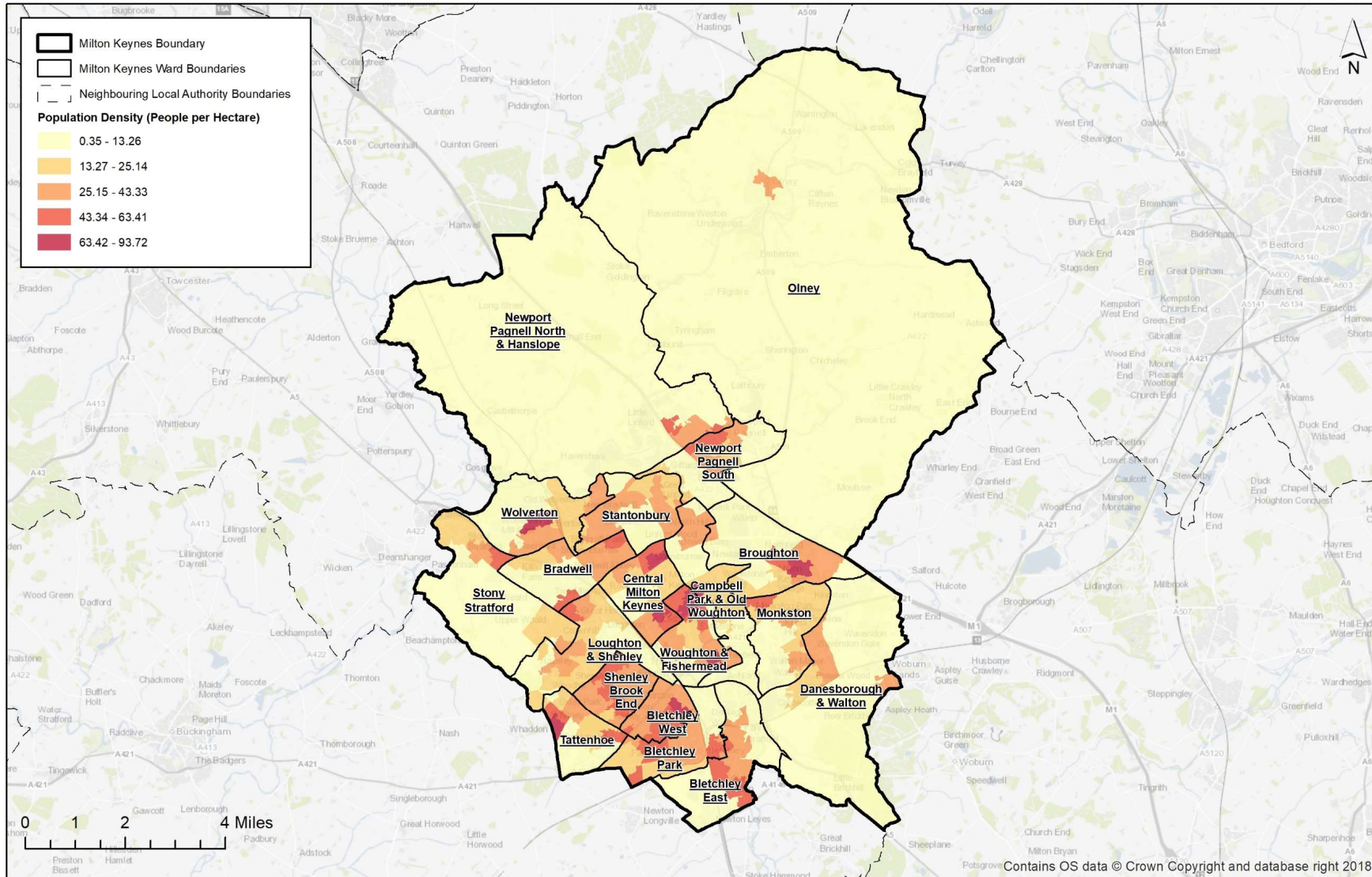
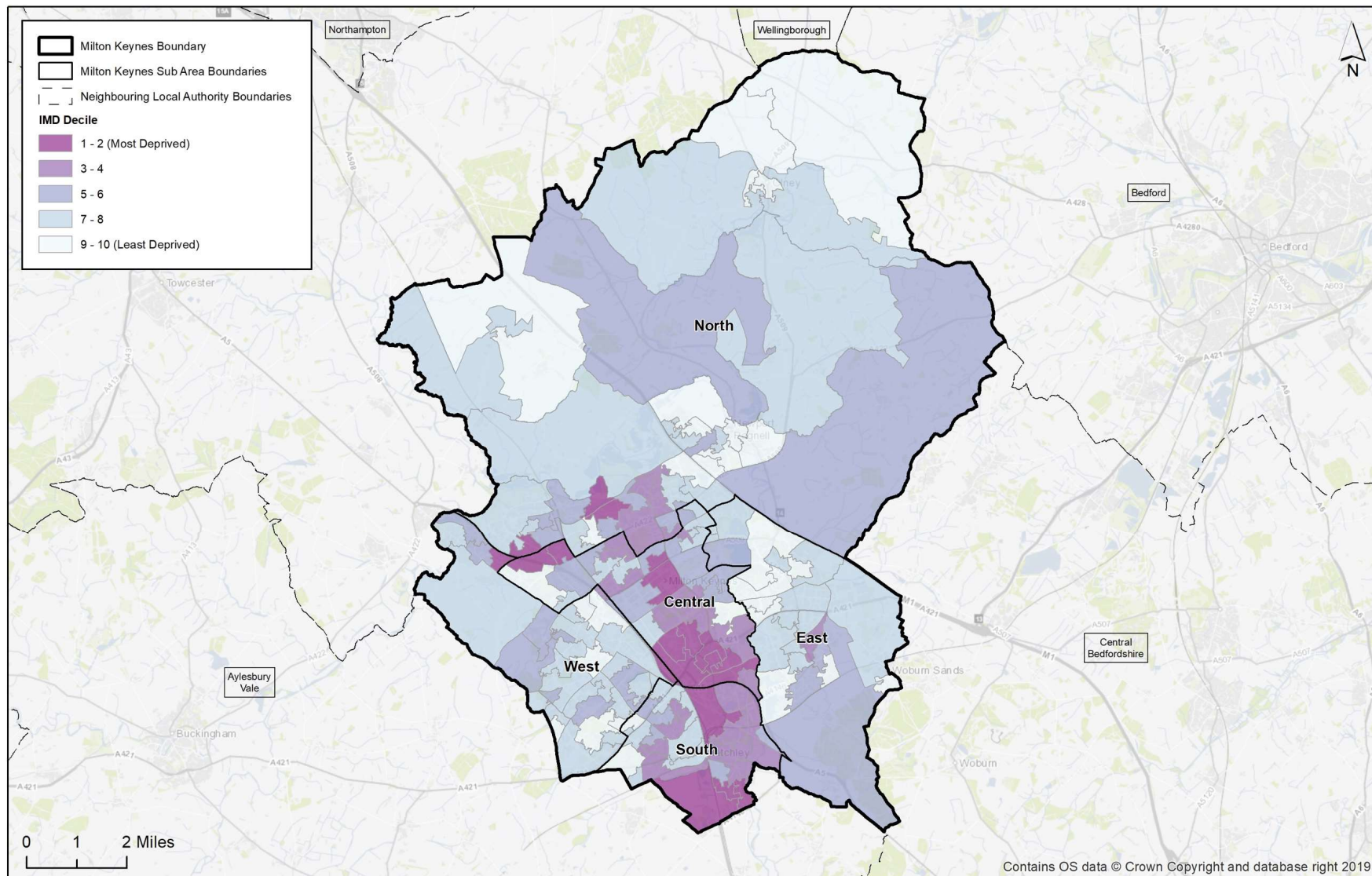


Figure 2.4: Index of Multiple Deprivation by LSOA in Milton Keynes (2019)



2.5 Neighbouring Playing Pitch Strategies

2.5.1 The following section summarises the key and relevant findings on the most recent, publicly available PPS's for the local authorities immediately bordering Milton Keynes.

Wellingborough (2019)

Football

- Spare capacity on adult, youth 9v9 and mini 7v7 pitches of two, three and 0.5 MES respectively.
- Shortfall of 0.5 MES on youth 11v11 pitches and Mini 5v5 pitches at capacity
- Shortfall of three full size 3G pitches

Cricket

- Shortfall of 182 MES per season in peak period (Saturday) for senior cricket.
- Shortfall of 144 MES per season outside peak period (Sunday and midweek).

Rugby Union

- Wellingborough RFC site is overplayed by 1.75 MES per week. 3 Wellingborough Old Grammarians RFC has spare capacity of 0.5 MES per week.

Hockey

- Current demand for full size AGPs for hockey is being met

MUGA's

- Current provision is adequate for the area; however, quality improvements and floodlighting at key sites is required.

Aylesbury Vale (2010)

Football

- There are some 100 Adult, 42 Youth and 67 Mini pitches within the District, and some 113 Adult, 108 Youth and 127 Mini teams. Not all the pitches listed are included within the supply assessment, as some are not available or are unsuitable for community use

Cricket

- Cricket in Aylesbury Vale has developed largely as an integral part of rural life. Pitches and clubs are widely distributed across the district, and the only population cluster without any provision is Quainton.
- Aylesbury Vale is currently well supplied with cricket facilities, with the only area of deficiency identified being that of Wingrave with Rowsham where there is an undersupply of one pitch

Rugby Union

- Of the two local clubs, current provision at Aylesbury appears adequate, whilst there is both a theoretical and expressed undersupply in Buckingham
- For the future, as a result of the population growth in the Aylesbury Urban Area there will be a need for a further 2 adult size pitches. In Buckingham growth will generate the need for an adult additional pitch.

Tennis

- 45 tennis court locations have been identified in the District of which 38 have been identified for club and/or community use, totalling 96 individual courts
- In terms of distribution there is nowhere within the District that is not within a 10 minute drivetime of floodlit tennis courts, with the exception of settlements close to the Milton Keynes border.

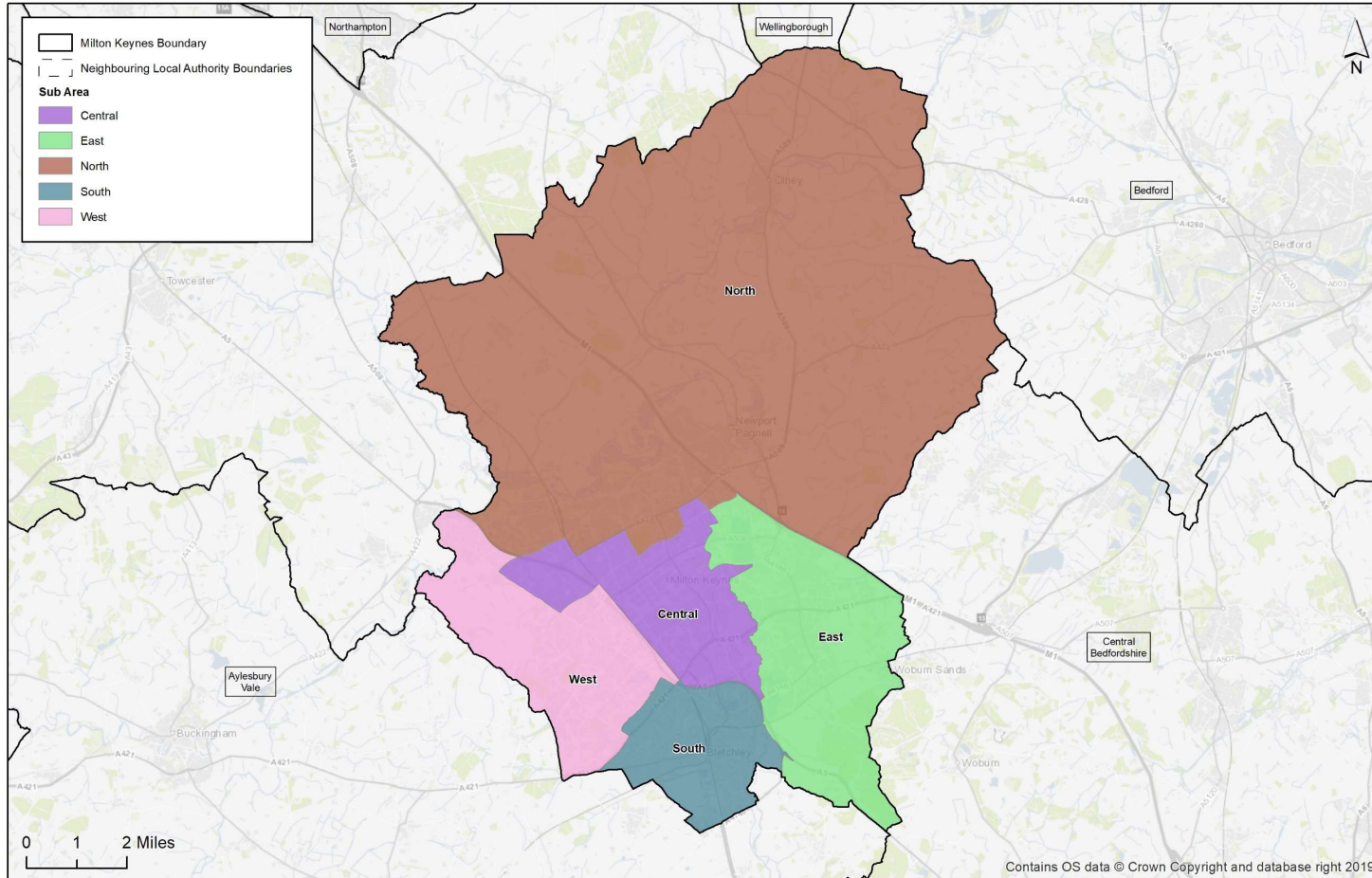
AGP's

- Both Hockey and Football clubs have identified the need for an additional floodlit Synthetic Turf Pitch within the Aylesbury Vale.
- Future population growth indicates that a further full size STP will be required in the Aylesbury Urban Area, and a half size STP in the North East of Aylesbury Vale.

2.6 Sub Areas

2.6.1 The study has divided the Milton Keynes Local Authority Area into 5 sub areas: These sub areas will be referred to when a more localised analysis is required. These sub areas can be seen in Figure 2.5 below. These sub areas were created by combining wards inside Milton Keynes.

Figure 2.5: Milton Keynes Sub Areas



Section 3: Football Analysis



3 Football Grass Pitch Analysis

3.1 Introduction

- 3.1.1 This section of the report focusses on the supply and demand for grass football pitches. The needs assessment for artificial grass pitches (AGPs) is covered in its own dedicated chapter.
- 3.1.2 This section includes the headline findings from the PPS data analysis, as well as a site by site analysis of football sites across Milton Keynes. For further detail on the supply and demand of football in the Study Area, Technical Appendix A – Football Analysis provides a detailed analysis of supply and demand of football in Milton Keynes, including all the required analysis as defined in the Sport England Playing Pitch Guidance.

3.2 Strategic Priorities for the Football Association

- 3.2.1 The National Game Strategy for the FA (2018-2021) is based on the exciting objective of inspiring a lifelong journey in football for all.
- 3.2.2 2018/19 will see the FA start to implement the first year of the National Game Strategy, building on a growth of just under 1,000 new teams during the 2017/18 season.
- 3.2.3 The National Game Strategy focusses on five initial strategic pillars, with the sixth to be added in Year 2. These pillars are aligned to 18 Key Performance Indicators (KPI's), as shown in the figure 3.1.

Figure 3.1: FA NGS Strategic Pillars and KPI's



- 3.2.4 A key piece of context for the strategy is the changing profile of formal football participation across the country. Between the 16/17 and 17/18 seasons, the number of total teams has grown by 986 across all age groups, with the greatest growth coming in mini soccer (1,512) and youth male (415). This growth

is offset to an extent by a reduction in adult male teams of 1,268 teams, signaling the changing nature of football participation across England.

3.2.5 The strategic pillar that is of greatest relevance to this PPS is 5. Develop Sustainable Football Facilities. This key focus for this pillar is facilities and investment. Key objectives summarised below:

- Provide support to an agreed portfolio of priority projects in line with the National Football Facility Strategy (NFFS) investment priorities:
- 3G Football Turf Pitches
- Changing rooms, pavilions and clubhouses
- Improved grass pitches
- Better indoor and outdoor spaces
- Ensure that all projects are aligned and deliver against FA National Game Strategy targets:
- Quality
- Sustainability
- Inclusivity
- Engagement
- Participation

3.2.6 An investment plan, which will prioritise investment in the local authority, is in the process of being developed and this will be presented in the form of Local Football Facilities Plans (LFFPs).

3.2.7 The purpose of this LFFP is to identify the priority projects for potential investment in Milton Keynes. This will look to conclude in April 2020. This LFFP, with guidance from local partners, has a list of high level projects for potential investment. Each is aligned to the investment priorities set out in the National Football Facilities Strategy, which include:

- 1,000 new 3G football turf pitches (FTPs): in a mix of sizes and settings, dependent upon local needs. All aimed at enhancing the quality of the playing experience.
- 20,000 improved natural-turf pitches: to help address drop-off due to a poor playing experience.
- Small-sided facilities: to grow the small-sided game for teams & leagues, recreational and informal play.

3.2.8 Another key element of the NGS is the focus on informal and recreational football, the overall goal being to improve the experience of the participant, leading to enhanced retention and new participation in the game.

County FA Strategic Priorities

3.2.9 The Berks & Bucks FA's strategy (2018-21) is aligned with the priorities and aims of the FA National Game strategy which runs over the same period of time.

Football Foundation Strategic Priorities

3.2.10 The outcomes that the Football Foundation wants to achieve is presented below:

- Increase participation levels in football through the delivery of sustainable, high quality facilities which encourage diverse participation.
- Create strong links between funded facilities and professional football clubs.

3.3 Consultation Overview

Key Club Consultation

3.3.1 Detailed accounts of club consultations are included within Technical Appendix A – Football Analysis, however the below points provide a summary of the key issues identified through consultation with clubs and leagues currently operating within Milton Keynes.

- The drainage of pitches in Milton Keynes is seen as an issue for many clubs, with instances of clubs highlighting drainage problems at the sites they use.
- There is a general lack of AGP provision across the LA, which is a significant problem due to the poor quality of pitch drainage
- There is currently export of demand to neighbouring local authorities and this is likely to increase in the future if additional pitch provision cannot be secured
- The quality of facilities is adequate, however there are few examples of large club demand being met at one site only
- Many large junior clubs are looking for single multi-pitch sites that they can use as home grounds for all of their teams. Most clubs currently use multiple facilities across Milton Keynes
- Due to the aspirations of clubs looking to expand into other demographics, there are examples of clubs requiring improvements to existing ancillaries in order to make this feasible.

3.4 Supply

3.4.1 To gather a full understanding of the supply of football pitches in Milton Keynes, the 4global research team visited all football sites, 225 pitches across 62 sites, in the area and assessed the facilities using the FA’s guidelines, as shown in Playing Pitch Strategy Appendix 2. Site assessments were undertaken in February of 2019.

3.4.2 A detailed record of all the supply data can be found in Technical Appendix A – Football Analysis, however this section will summarise the key findings.

3.4.3 Non-technical visual quality assessments were undertaken of all football pitches within the study area. A wide range of parameters were taken into account to produce the quality rating of each pitch. These include, but are not limited to, the level of grass coverage, length of grass, evenness of pitch and the level of maintenance undertaken on the pitch. The input of these factors into the assessment will provide a quality score for the pitch. The pitch scoring ratings have been presented below:

- Good = 100% - 80%
- Standard = 79.9% - 50%
- Poor = 49.9% - 0%

3.4.4 Table 3.1 summarises how the grass football pitches in the Study Area were assessed, in line with Sport England PPS guidance (non-technical assessments). It shows that most pitches across the Study Area are rated as Standard quality (86%), with an evident lack of Good quality pitches (6%). There is a low level of Poor pitches (8%) within Milton Keynes.

Table 3.1: Supply of Grass Pitches in the Study Area

Quality Score	Adult 11v11	Youth Football 11v11	Youth Football 9v9	Mini Soccer 7v7	Mini Soccer 5v5	Total (% of Total Number of Pitches)
Good (80-100%)	13	0	0	0	1	14 (6%)

Quality Score	Adult 11v11	Youth Football 11v11	Youth Football 9v9	Mini Soccer 7v7	Mini Soccer 5v5	Total (% of Total Number of Pitches)
Standard (50-79.9%)	68*	35*	27*	36*	27*	193 (86%)
Poor (0-50%)	4	3	5	3	3	18 (8%)
Total (% of Total Number of Pitches)	85 (38%)	38 (17%)	32 (14%)	39 (17%)	31 (14%)	225

*It should be noted that many of these standard scores are at the lower end of the rating scale

- 3.4.5 To provide a spatial analysis of football provision supply in Milton Keynes, Figure 3.2 overleaf provides an illustration of all football provision by pitch typology, showing the distribution of provision across the Study Area.
- 3.4.6 As highlighted in Figure 3.2, there is a large amount of adult 11v11 provision in Milton Keynes, focusing to the south west, with a lack of provision to the North and to the East being typical across all pitch typologies.
- 3.4.7 It should be noted that many of the pitches that have been rated as standard are on the lower end of the quality score and without increased maintenance and drainage issues resolved there is the possibility of many of these becoming poor. If these pitches were to become poor this would dramatically reduce the carrying capacity of the pitches and the overall supply within the local authority.

Figure 3.2: Football Provision in Milton Keynes

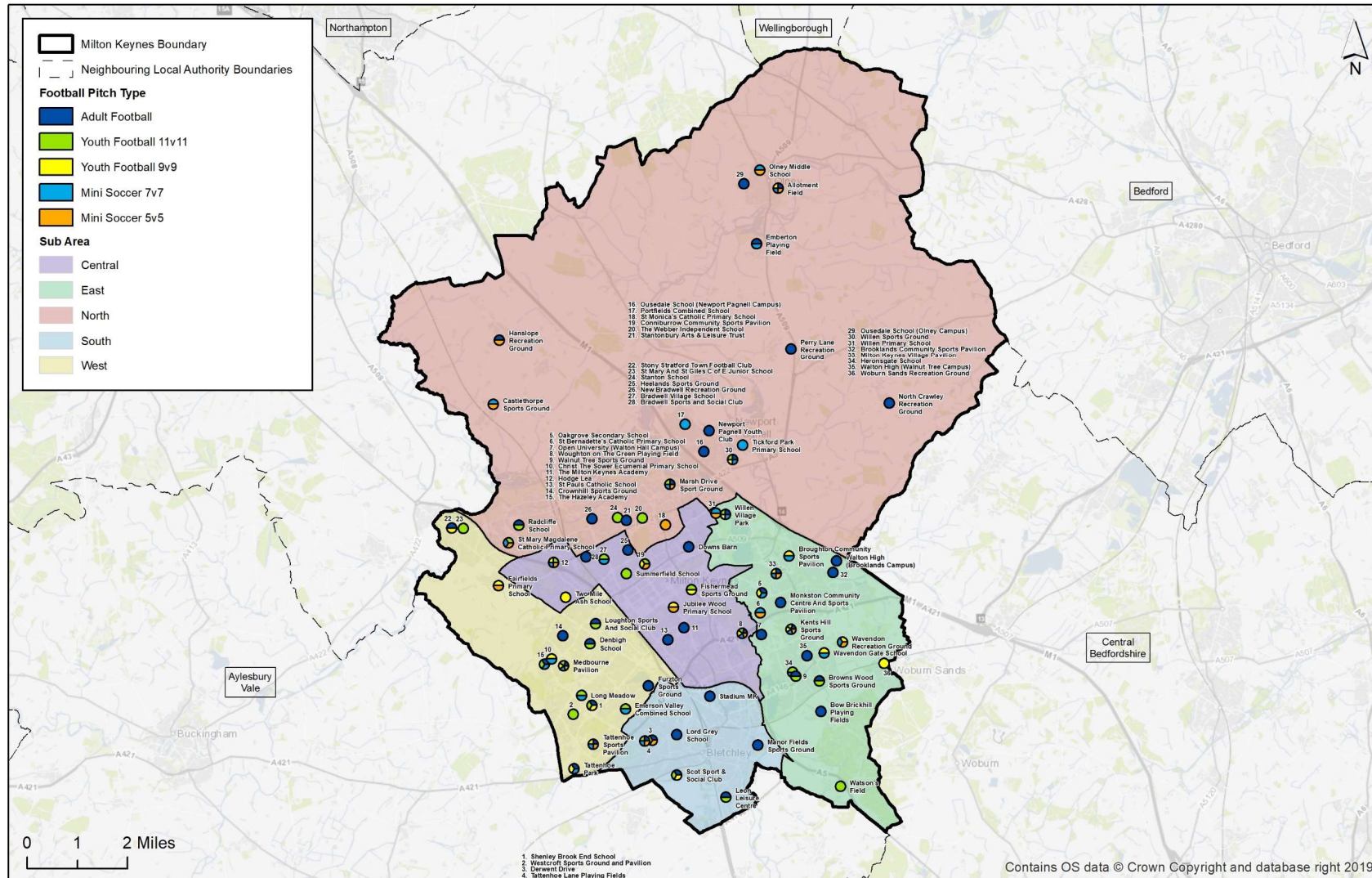


Figure 3.3: Football Provision in Central Sub Area

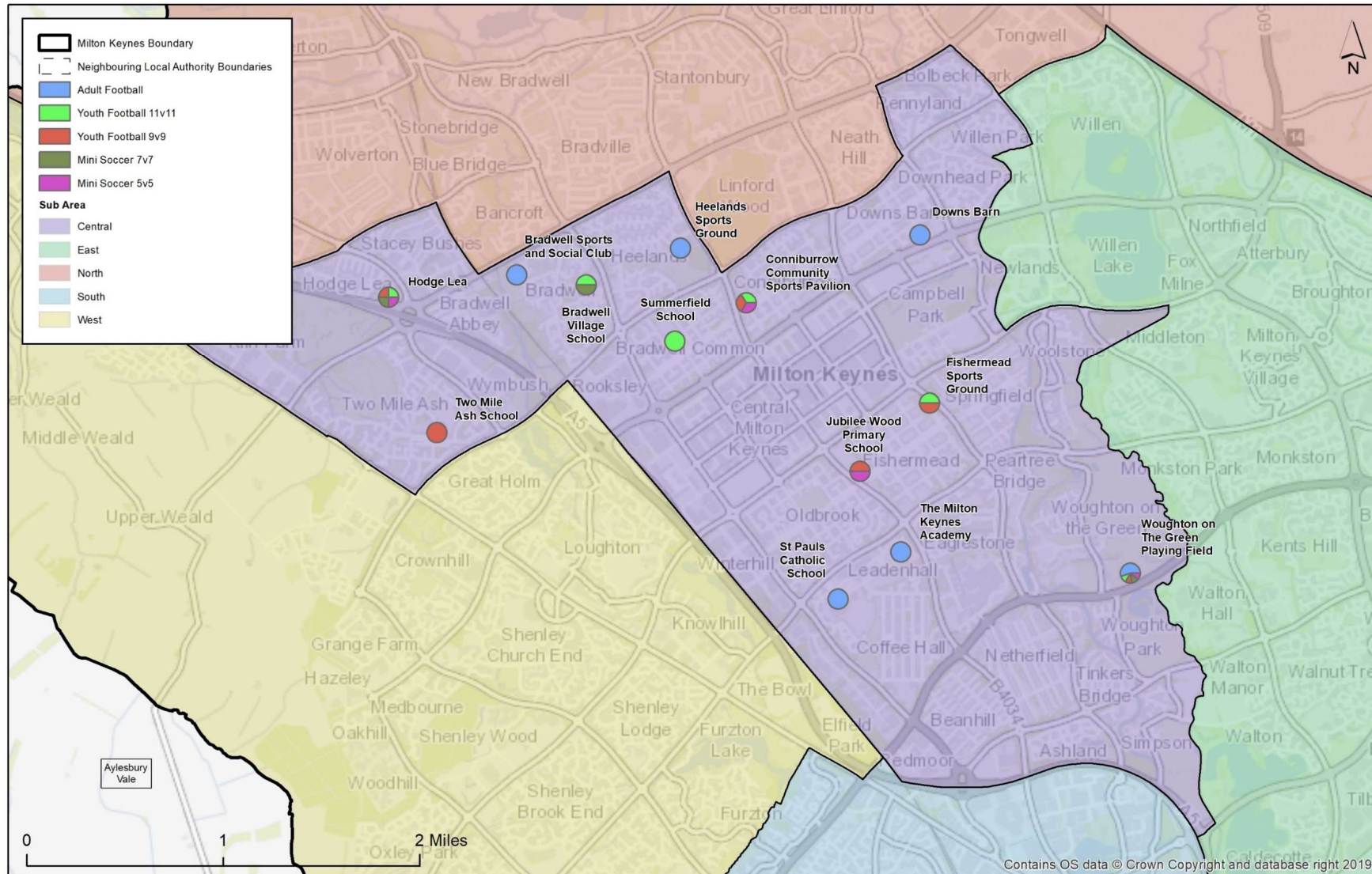


Figure 3.4: Football Provision in East Sub Area

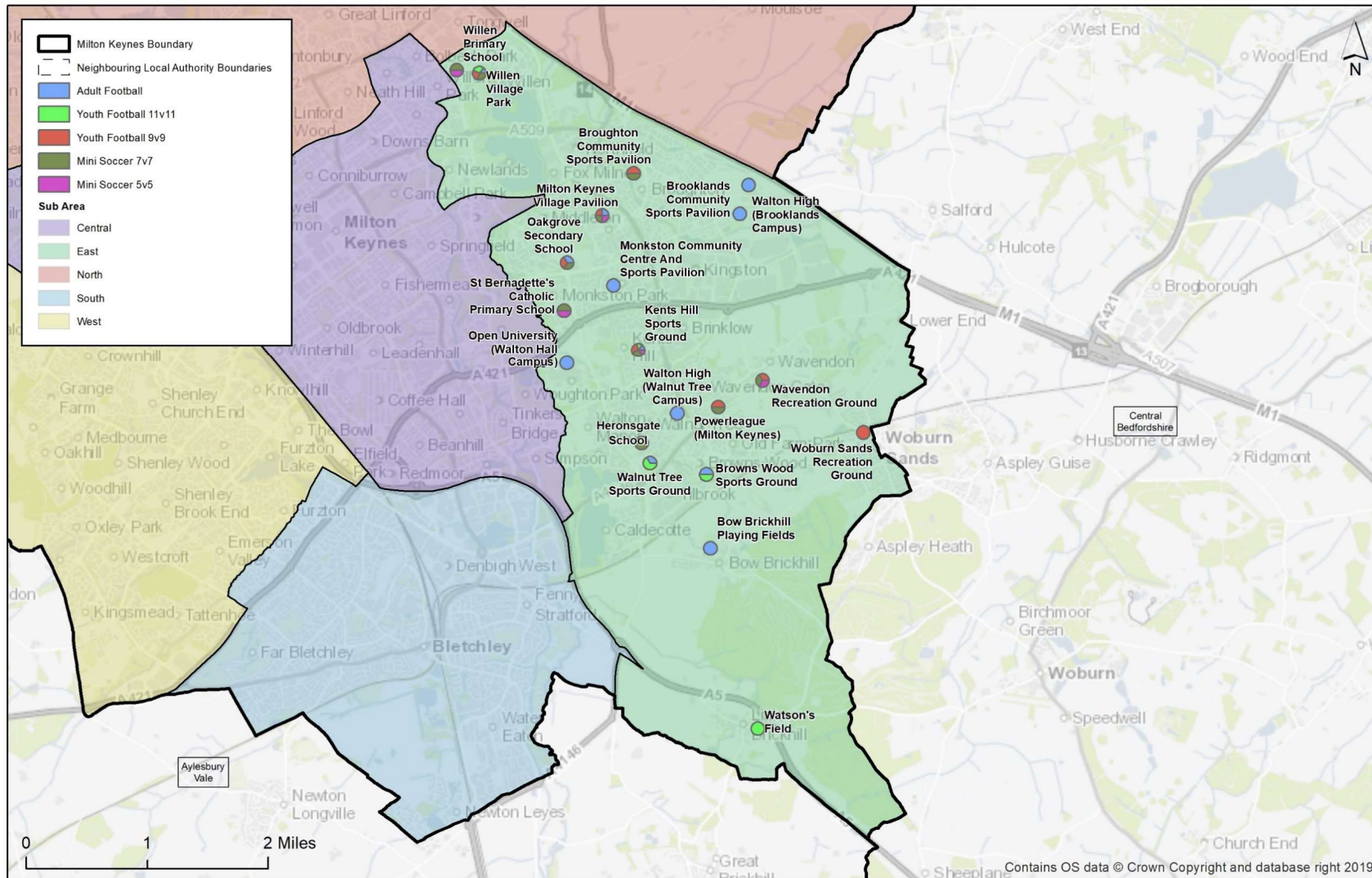


Figure 3.5: Football Provision in North Sub Area

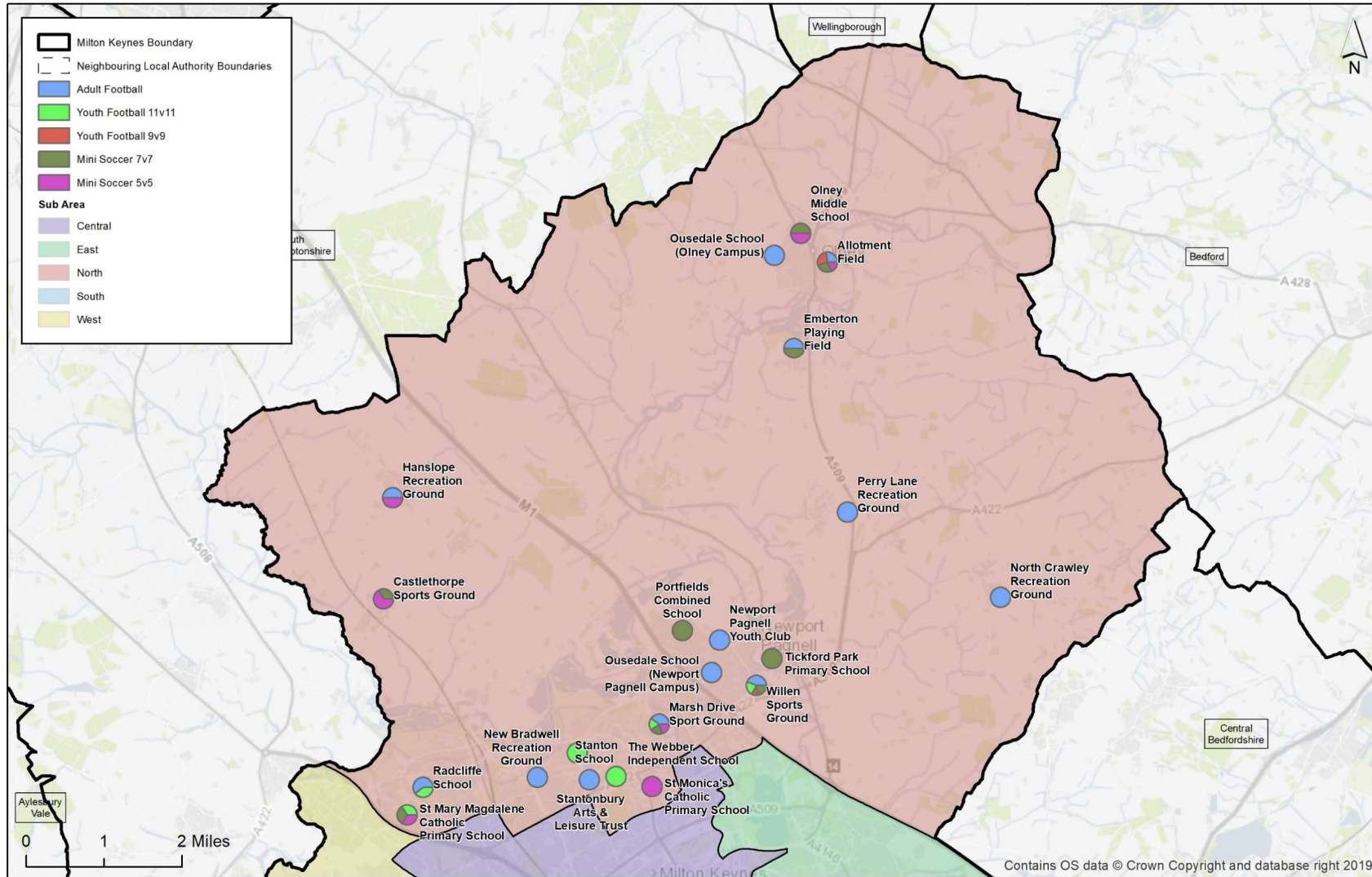


Figure 3.6: Football Provision in South Sub Area

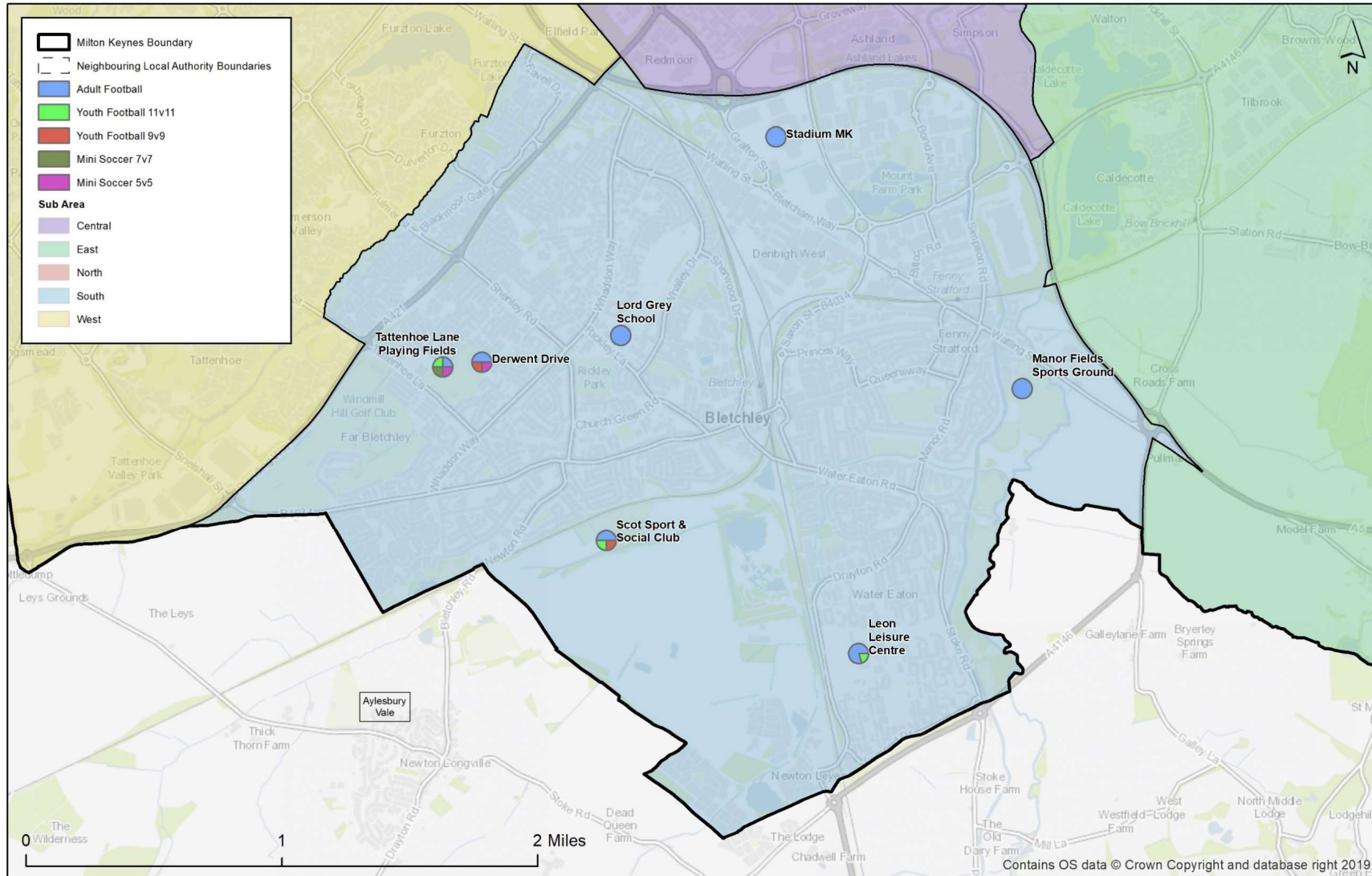
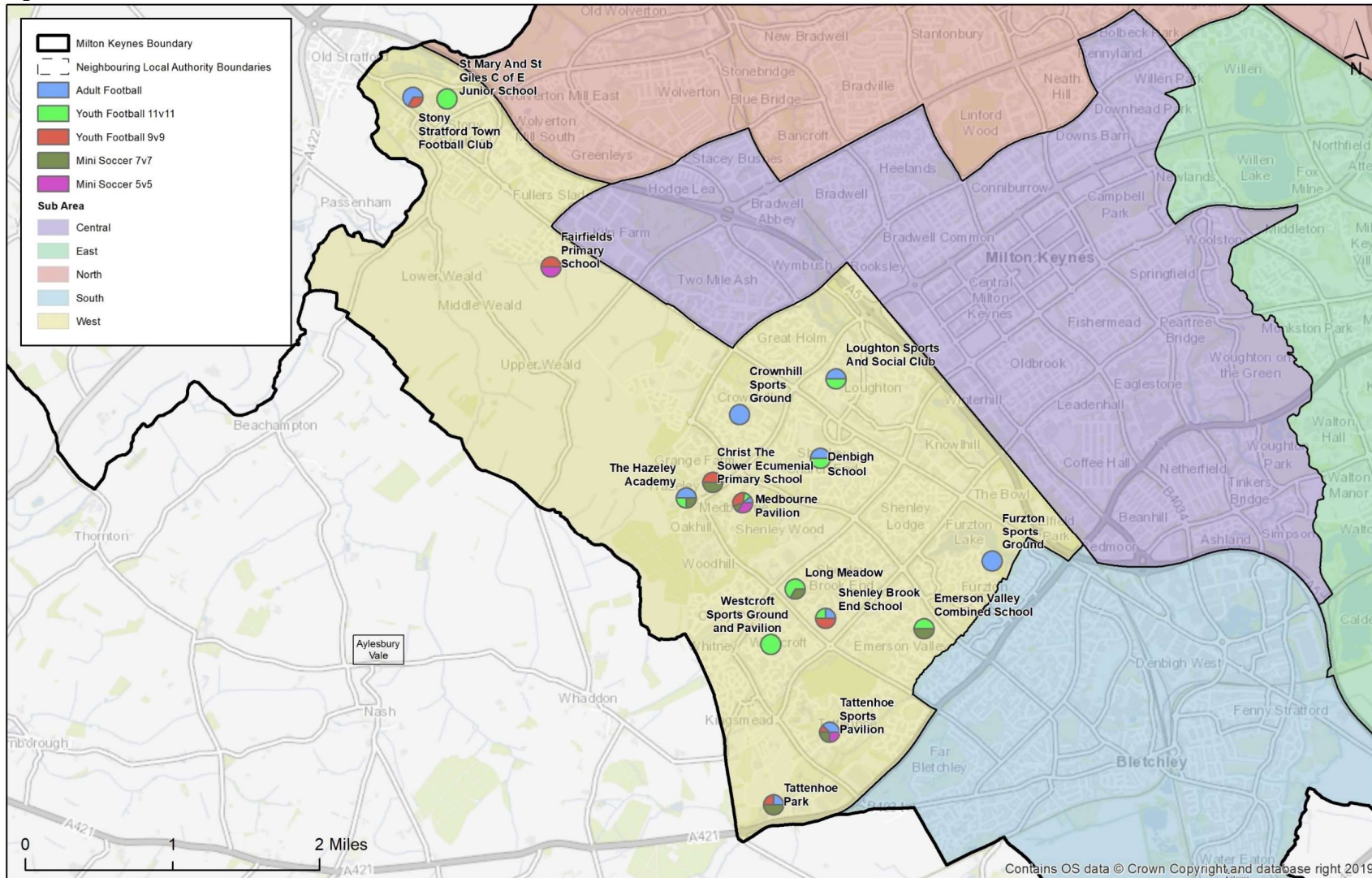


Figure 3.7: Football Provision in West Sub Area



Pitch Ownership

- 3.4.8 As is common across the UK, a large proportion of pitch provision in the Study Area is owned by the local authority (64%), or education establishments (28%), with other ownership spread across a number of different organisations.
- 3.4.9 In terms of management, a large proportion of sites are managed by educational establishments (26%), followed by sites managed by sports clubs (13%), with local authority management being the most frequent arrangement (38%).
- 3.4.10 Table 3.2 below shows the spread of ownership, illustrating the broad spread of management and ownership types across the Study Area.

Table 3.2: Pitch Ownership and Management in Milton Keynes

Type of ownership	Ownership	Management
Local Authority	137	81
Education	59	56
Charity, Trust	17	11
Private Contractor	0	20
Community Organisation	0	11
Sport Club	0	27
Commercial Management	0	7

Security of Community Use

- 3.4.11 To understand the long-term trends and potential risks for football provision, it is important to understand the 'security' that is afforded to community access on football provision across the Study Area. Decisions relating to security of community use are taken on a case by case basis, using 4global's industry experience and through collaboration with the project steering group. As a starting point, one of the following elements typically constitutes a secure site;
- A formal community use agreement
 - A leasing or management agreement requiring pitches to be available to the community
 - A formal policy for community use adopted by the owner and or educational establishment
 - Written confirmation from the owner and/or educational establishment.
- 3.4.12 The following points provide a summary of the general security of community use for football provision across the Study Area;
- 52 out of 78 sites are classified as secured (67%) leaving 26 sites (33%) being identified as unsecured. The long-term security of football provision across the Study Area is good as a result. It is to be noted that security is referring to security of community use, therefore there is a low proportion of hirers rather than a formal lease agreement in place.
 - Of the 26 unsecured sites in Milton Keynes, only 1 of these sites are owned by the authority. Local authority ownership and management typically leads to sites being identified as secured, however a number of local authority sites were identified as unsecured, due to the inability of clubs to agree long-term security on these sites.
- 3.4.13 Details of all sites and their security of use is contained within the Technical Appendix A – Football Analysis, as well as in the site by site analysis later in this report chapter.

3.4.14 Football facilities are provided at educational establishments across the study area. It should be noted that despite being available to community, 55% of these of education facilities in the study area are unsecured for community use.

3.5 Disused/Lapsed Sites

3.5.1 It is crucial that the steering group has a clear process for planning the future use of disused or lapsed sites. A disused site is defined as a site that has been used for formal sport at some point in the past 5 years, whereas a lapsed site has not been used for formal sport for more than 5 years.

3.5.2 Sport England's Playing Fields Policy, which the organisation updated in 2018 to reflect the changes in the National Planning Policy Framework, states that unless the development meets one of the five specific exceptions, Sport England will oppose the granting of planning permission for any development which would lead to the loss of, or would prejudice the use of;

- All any part of a playing field, or
- Land which has been used a playing field and remains undeveloped, or
- Land allocated for use as a playing field.

3.5.3 Sport England is a statutory consultee on any site that has been used within the last 5 years, whereas it is a non-statutory consultee on any site that has not been used for more than 5 years.

3.5.4 The disused and lapsed sites identified as part of the Isle of Wight PPS are detailed in table 3.17 below. The Strategy document will identify what role these sites should play in future i.e. retained, replaced or disposed of with mitigation.

3.5.5 The following site(s) have been identified as being disused/lapsed for football in the study area:

- Greenleys Sports Ground (The 'New Park') - 3x adult 11v11 pitches

3.6 Planned Developments

3.6.1 The following section summarises the expected developments for football provision in the study area and presents the new provision that is expected on site. An expected completion date has been provided in brackets.

3.6.2 The following site(s) have been earmarked for development in the study area:

- Fairfields Sports Ground - 1x full sized 3G AGP, 4x grass pitches and a new changing pavilion (August 2021).
- Tattenhoe Park Community Hub - New changing rooms for the existing football pitches (March 2021).
- Wavendon Pavilion and Playing Fields - 4x grass pitches and a new community pavilion with changing rooms (June 2022).
- Whitehouse Sports Ground - 4x grass pitches

3.7 Demand

3.7.1 Football is the most popular team participation sport across Milton Keynes, with a total of 493 teams recorded by the study, as shown in Table 3.3. To illustrate the distribution of football teams across the Study Area, this data has been broken down into the 5 sub-areas.

Table 3.3: Team Profile for Football in Milton Keynes

Sub Area	Adult		Youth Teams				Mini teams		Total
	Men	Women	Boys		Girls		Mini soccer		
			11v11	9v9	11v11	9v9	7v7	5v5	
Central	7	0	17	10	0	0	11	5	50
East	15	2	31	26	4	1	30	22	131
North	25	3	22	18	2	0	23	18	111
South	17	1	24	12	4	1	15	9	83
West	18	2	30	21	4	1	24	18	118
Milton Keynes	82	8	124	87	14	3	103	72	493

3.7.2 Table 3.3 illustrates the significant amount of demand in the East Sub-Area, which is dominated by youth and mini soccer team demand. There is far less formal football in the Central, North and South Sub-Areas.

3.7.3 Using the above team data and the volume of all 67 clubs present in Milton Keynes that were surveyed, the club to team ratio in Milton Keynes is 1:7.3 i.e. each club fields around 7 teams. There are teams that meet/surpass this including Newport Pagnell Town and Tattenhoe FC. This compares to a national ratio of 1:3.3 and shows that there are more teams per club compared to national levels. This is likely to increase the demand for large football sites with multiple pitches of different sizes, as well as for high quality ancillary provision. This is due to club aspirations that are often based around meeting all demand on one site. Further detail is provided as part of Technical Appendix A – Football Analysis, which contains a detailed account of consultations with major clubs across Milton Keynes.

3.7.4 It should be noted that in 2016, the FA changed its rules to allow women and girls to play alongside boys in mixed gender football teams all the way up to U18 age groups. However, consultation with Berks and Bucks FA indicates that there are limited instances of girls playing alongside boys above the mini soccer age-groups.

3.8 Education Demand

3.8.1 As part of the demand analysis, it is important to understand the impact of school usage on the capacity of football pitches and as to whether school demand has an impact on the supply and demand of pitch provision.

3.8.2 During the consultation phase of the project, all schools were asked whether school (both curriculum or after school usage) leads to pitches either being unavailable or partially available for community use.

3.8.3 From our data gathered, we can confirm that there are no school sites, at present, that do not allow community access due to a lack of spare capacity which has been apparent due to school usage. It should be noted that there are educational facilities within Milton Keynes that have identified a lack of community use due to other reasons, such as a lack of maintenance staff to open the facilities out of school hours.

3.8.4 Further detail on how education facilities have been addressed in the capacity analysis is included in the football supply and demand section of this report.

Displaced Demand

3.8.5 While a PPS is typically delivered for a single local authority area and considers all supply and demand from that given study area, it is understood that residents are typically not restricted by local authority boundaries when undertaking sport and physical activity. For instance, clubs and participants may travel outside of the local authority to access facilities that are of higher quality or more affordable, or where they are no longer able to access a facility within the local authority.

3.8.6 Table 3.4 summarises where this has been identified during the primary research phase, which is defined as 'displaced demand' in line with the 2013 PPS Guidance.

Table 3.4: Displaced Demand for Football in Milton Keynes

Club	Adult		Youth		Mini		Total Displaced Demand (Match Equivalent Session)	Location of Displaced Demand	Reason for Demand Displacement
	Male	Female	11v11	9v9	7v7	5v5			
City Belles	-	-	-	-	1	-	0.5	East	Pitches are at a premium in Milton Keynes and the cost to rent the pitches are too high
Newport Pagnell Youth	-	-	-	-	1	-	0.5	North	Lack of available pitches
Two Mile Ash Sports	2	1	1	2	2	1	4.5	North	Lack of available pitches. In the winter we struggle with the condition of our home pitch if too many games have been played there. In spring we also train in different places as Lodge Road is shared with the local cricket club

Imported Demand

3.8.7 In the same way that clubs and participants may travel outside of the study area to access facilities, clubs and participants may also travel into the study area to access facilities. This demand is referred to as 'imported demand'.

3.8.8 Through consultation with the FA, the following imported demand was identified in Milton Keynes.

- Woburn & Wavendon FC: the club are based in the neighbouring local authority of Bedfordshire; however, they currently use Wavendon Recreation Ground, Watson's Field and Bow Brickhill Playing Fields which are based within the study area. This demand will be included as part of the capacity analysis for the site in following sections of this report.

3.9 Future Demand

Demand Driven by Population Growth

3.9.1 To calculate the future demand for football in the Study Area, the study has utilised Sport England's Playing Pitch Calculator (PPC)³. The PPC uses the following factors to determine future provision

³ <https://www.activeplacespower.com/reports/playing-pitch-calculator>

need; existing population; the number of teams in each age category; the peak-time distribution of demand; the growth trends for each age/gender group; and, the projected change in participation rate.

- 3.9.2 Full guidance regarding the methodology behind the calculator is available via the Sport England tool Active Places Power4 (authorisation may be required to access this tool). Please note that the future additional need for pitches indicated below is on the assumption that all future demand generated will be required to be met by additional (new) pitches. In reality it may be that this could be met by the existing pitch stock (this will be tested below).

⁴ <https://www.activeplacespower.com/reports/playing-pitch-calculator/download>

Table 3.6: Sport England: Playing Pitch Calculator - Additional pitch need produced by projected growth of football in Milton Keynes by 2031

DATA INPUT		PPC OUTPUT
Current Population	268,607	
Projected Growth	+30,797	
Projected Future Popn.	299,404	

Age / Gender Group	Current				Future ADDITIONAL need		
	Population of Group	Number of teams	% of participation in the peak period*	% change in participation	Number of teams generated by the new population PLUS any change in demand	Additional match equivalent sessions per week (mepw)	Additional mepw by pitch type
Adult Football Men (16-45yrs)	50,561	74	100%	0%	8.48	4.24	4.64
Adult Football Women (16-45yrs)	50,529	7	100%	0%	0.80	0.4	
Youth Football Boys 11v11 (12-15yrs)	10,176	110	100%	0%	12.61	6.31	7.17
Youth Football Girls 11v11 (12-15yrs)	9,719	14	100%	0%	1.61	0.86	
Youth Football Boys 9v9 (10-11yrs)	4,170	76	100%	0%	8.71	4.36	4.53
Youth Football Girls 9v9 (10-11yrs)	3,930	3	100%	0%	0.34	0.17	
Mini Soccer 7v7 Mixed (8-9yrs)	8,406	90	100%	0%	10.32	5.16	5.16
Mini Soccer 5v5 Mixed (6-7yrs)	8,692	64	100%	0%	7.34	3.67	3.67

- 3.9.3 Table 3.6 above illustrates that the population projection in Milton Keynes is to lead to an increase in demand for football, with an additional 50.21 teams expected across the district. If each age/gender group were to be rounded up to the nearest whole number, then 54 teams are projected. If each age/gender group were to be rounded down to the highest whole number, there are 46 teams new teams projected by the end of the study period.
- 3.9.4 The age/gender group with the highest projected growth is youth boys (11v11) age group, 12.61 teams produced by population growth. This is followed by the growth in Mini Soccer 7v7 which is expected to increase by 10.32 teams by the end of the study period.
- 3.9.5 Female football is projected to have relatively small growth over the next 12 years, with just 1.43 teams projected. The smallest absolute growth of female football is in the youth 9v9 age groups, in which there is expected a change of only 0.17 teams.

- 3.9.6 Utilising the current demand for football in each of the sub areas and how each of the sub-areas is projected to grow, table 3.7 provides an estimation of how the growth of demand is likely to be allocated across the five sub areas. The sub area with the greatest growth per age/gender category is highlighted in green. The sub area with the lowest growth or the greatest decline in team number in each age/gender category is highlighted in red.
- 3.9.7 It should be noted that these figures are from the latest ONS data projections with no housing development figures yet to be included due to the strategic locations not being identified currently, as a result this is the minimum amount of growth that could be expected.

Table 3.7: Growth in Football Teams in Milton Keynes by Sub Area

Age Group	Central	East	North	South	West	Milton Keynes
Adult Football Men (16-45yrs)	1.93	1.31	1.97	1.35	1.92	8.48
Adult Football Women (16-45yrs)	0.33	0.23	0.18	0.21	-0.15	0.80
Youth Football Boys 11v11 (12-15yrs)	2.75	2.06	2.83	2.05	2.92	12.61
Youth Football Girls 11v11 (12-15yrs)	0.35	0.27	0.38	0.24	0.36	1.61
Youth Football Boys 9v9 (10-11yrs)	1.88	1.44	2.02	1.45	1.92	8.71
Youth Football Girls 9v9 (10-11yrs)	0.06	0.12	0.11	0.03	0.02	0.34
Mini Soccer 7v7 Mixed (8-9yrs)	2.26	1.88	2.28	1.77	2.13	10.32
Mini Soccer 5v5 Mixed (6-7yrs)	1.57	1.28	1.65	1.26	1.56	7.34
Total	10.73	7.63	11.75	7.44	12.67	50.22

Demand Driven by Unmet Demand

- 3.9.8 When a large amount of future demand will be driven by population growth, there is also expected that unmet demand for football exists within the study area. Unmet demand is defined as demand that currently exists but does not currently equate to actual participation due to a range of reasons. For instance, unmet demand could be in the form of a team that has currently got access to a pitch for its members but nowhere to train or vice versa.
- 3.9.9 The following clubs identified unmet demand for facilities. Where data was provided this is shown, with figures being incorporated into the future supply and demand analysis for Football
- City Belles – A lack of available changing rooms for their U18 and Women’s team, means that they are unable to grow their club.
 - MK Wanderers – Also identified a lack of changing rooms as a barrier preventing their club from being able to grow. The changing rooms that are present are of a poor quality and suffer from vandalism.
 - Newport Pagnell – Require a 3G pitch as they currently spend a large amount on a sand-based facility, as there is no local affordable 3G available.
 - Unite MK – Club can only use Manor Fields during summer months and require this provision all year round.

Demand Driven by Latent Demand

- 3.9.10 In addition to unmet demand, latent demand for football has also been identified across the study area. Whereas unmet demand is known to currently exist, latent demand is demand that evidence suggests may be generated from the current population should they have access to more or better provision. This could include feedback from a sports club which may feel that it could set up and run an additional team if it had access to improved provision.
- 3.9.11 All clubs that identified latent demand (not currently active) and that are aiming to convert into affiliated football demand within the next 3-5 years has been presented below. This provides an estimation of the number of new teams that will be required in Milton Keynes, in addition to the teams generated by population growth.
- 3.9.12 It should be noted that the latent demand commentary contains a summary of the comments provided by clubs during consultation, which the consultancy team has used to quantify the estimated number of teams.

Table 3.8: Latent Demand for Football by Sub Area

Club	Sub Area	Latent Demand commentary	Total latent demand in teams
Heelands Rangers	Central	1 U18's and 1 ladies team	2
MK Wanderers	East	5 women's and girls' teams	10
Newport Pagnell Athletic	North	Adult 1-2 teams	2
Newport Pagnell Town	North	U14-U18	5
Newport Pagnell Youth	North	1 for each age group we don't already have	2
Scot	South	New teams in all age groups	8
Soccer Assist	Central	3x U16 teams 2x U18 teams	5

Club	Sub Area	Latent Demand commentary	Total latent demand in teams
Two Mile Ash Sports	North	U16 and maybe another adult men's team	2

3.9.13 Table 3.8 shows a total of 36 teams could be added to the district by satisfying reported latent demand in Milton Keynes.

3.9.14 It is important to note that this projected growth should be treated with an element of caution, as the source of information is club consultations. In some instances, clubs projected growth is aspirational and in reality, actual growth is dependent on a number of factors enabling that growth e.g. access to pitches and sufficient volunteers to run new teams.

3.9.15 Notwithstanding this, it is important that where clubs have the ambition and structure to increase in size, therefore getting more children and adults physically active, they should be supported. With this in mind future supply and demand analysis for football provision will include the projected growth from latent demand identified in this section.

3.10 Supply and Demand Balance

3.10.1 This section presents the supply and demand balance findings for grass football pitches (both for current and future estimated demand) for the study area, split by sub-area.

3.10.2 For every site, an analysis has been undertaken to assess whether each pitch on the site has enough capacity to meet the current level of demand for affiliated football. The capacity for natural grass pitches to regularly provide for matches, training and other activity over a week and a season is most often determined by their quality. The quality of both the pitch and the ancillary facilities will determine how well a pitch is able to contribute to meeting demand. The following key terms are summarised below, with more detailed definitions included within the glossary;

- **Spare capacity:** When the level of recorded demand for a pitch is less than the weekly carrying capacity of that pitch
- **At capacity:** When the level of recorded demand for a pitch is equal to the weekly carrying capacity of that pitch
- **Overplay:** When the level of recorded demand for a pitch exceeds the weekly carrying capacity of that pitch.

3.10.3 It should be noted that this section of the supply and demand analysis refers to 'theoretical capacity' over the period of a week, however it does not allow for the fact that teams and participants may want to play at the same time, therefore generating a high level of demand during certain points of the week. This point is referred to as the 'Peak Period', which is explained in more detail later in this chapter.

Overplay

3.10.4 Overplay occurs when a grass football pitch is played on to a greater extent than is recommended by the pitch's carrying capacity. For example, if an adult football pitch is given a quality rating of 'standard', then it has a recommended maximum usage of 2 match equivalent sessions and/or training sessions per week. If, however, this pitch is used for 3 adult football matches per week (equating to 3 match equivalent sessions), the pitch is being used over and above its carrying capacity and is therefore being overplayed by one match equivalent session. There are a number of reasons for a pitch being overplayed, such as lack of alternative provision, poor site management, or a discrepancy in pitch rates, making some more affordable than others.

- 3.10.5 It is important that any overplay of pitches is considered as part of the overall supply and demand analysis, therefore Table 3.9 below identifies all sites that have pitches with overplay.
- 3.10.6 Where overplay has been identified as part of this analysis, it is included within the overall supply and demand analysis for football in the Study Area. A full capacity analysis of all sites with football provision is included within Technical Appendix A – Football Analysis.

- 3.10.7 Table 3.9 below presents the capacity balance of sites which are experiencing overplay on their pitch provision.
- 3.10.8 The figures highlighted in green show the pitches that have spare capacity, whilst those highlighted in red are currently being overplayed. Any figures highlighted in orange are operating at capacity.
- 3.10.9 Table 3.9 provides a breakdown of the sites within the study area that have overplay attributed to their pitches. The site with the largest level of overall overplay is at Scot Sport & Social Club, with an overall level of deficit of 7.5 MES.

Table 3.9: Overplay of Football Pitches in Milton Keynes (Only Sites with Overplay Included)

Site Name	Sub Area	Balance - Overplay or Spare Capacity (match equivalent sessions)				
		Mini 5v5	Mini 7v7	Yth 9v9	Yth 11v11	Adult
Allotment Field	North	6	7.5	3.5	-2.5	5
Bow Brickhill Playing Fields	East	-1	-	-1	-1	4
Bradwell Village School	Central	-	4	-0.5	1.5	-
Brooklands Community Sports Pavilion	East	-	-	-	-0.5	-0.5
Broughton Community Sports Pavilion	East	-	3.5	1.5	-1	-
Browns Wood Sports Ground	East	-	-	-0.5	0.5	2
Castlethorpe Sports Ground	North	7.5	4	-1	-1	-
Conniburrow Community Sports Pavilion	Central	3.5	-1	1.5	1.5	-
Crownhill Sports Ground	West	-	-	-	-0.5	2
Downs Barn	Central	-	-0.5	-0.5	-0.5	2.5
Emerson Valley Combined School	West	-	3.5	-1	2	-
Fairfields Primary School	West	3	-1	2	-	-
Fishermead Sports Ground	Central	-	-1	0.5	0.5	-
Furzton Sports Ground	West	-	-	-	-1	3
Hanslope Recreation Ground	North	7.5	-0.5	-0.5	-0.5	3.5
Heelands Sports Ground	Central	5	-1	-1	2.5	-4.5
Heronsgate School	East	-	7.5	-0.5	3.5	-
Jubilee Wood Primary School	Central	3.5	-	1.5	-1	-

Site Name	Sub Area	Balance - Overplay or Spare Capacity (match equivalent sessions)				
		Mini 5v5	Mini 7v7	Yth 9v9	Yth 11v11	Adult
Kents Hill Sports Ground	East	2.5	5.5	0.5	-1	0.5
Leon Leisure Centre	South	-2	-3	-1	-3	5.5
Long Meadow School	West	-	2.5	-0.5	3.5	-
Lord Grey School	South	-1	-1.5	-1.5	-1	2
Loughton Sports and Social Club	West	-	-0.5	-0.5	0	1
Marsh Drive Sport Ground	North	4	3.5	-0.5	1	4.5
Newport Pagnell Youth Club	North	-1	-0.5	-	-3	4
Oakgrove Secondary School	East	-1.5	1.5	0	-2.5	1.5
Scot Sport & Social Club	South	-1	-1	1	0	-7.5
Stantonbury Arts & Leisure Trust	North	-1.5	-0.5	-0.5	-	4
Stony Stratford Town Football Club	West	-0.5	-1	0	-1.5	2.5
Tattenhoe Park	West	-	8	0.5	-2.5	2
Tattenhoe Sports Pavilion	West	4	4	-2	-1.5	1
Wavendon Gate School	East	-2	3	1.5	-0.5	-
Westcroft Sports Ground And Pavilion	West	-	-	-	-1	-
Willen Sports Ground	North	-2	4	-1	0	-3.5
Willen Village Park	East	-1.5	4	0.5	-1	0.5

3.11 Site by Site Analysis

3.11.1 Table 3.10 below serves to summarise the key parts of the PPS assessment that have been identified so far within this sport specific section.

3.11.2 To confirm the sites that have spare capacity or a deficit, the site-by-site analysis in this section will provide a total balance per site to illustrate the sites that need investment either to improve the quality of pitches (and therefore carrying capacity), as well as the sites that need a greater number of grass pitches in order to satisfy demand. This will be shown in the 'balance for community use' column.

3.11.3 The 'peak time capacity balance' column assesses whether there is sufficient supply of pitch provision during the periods that the greatest proportion of the population like to play football. A full methodology for calculating peak time capacity can be found in Appendix A.

3.11.4 The following assumptions on peak times have been developed using data collected during the demand consultations with clubs and the Whole Game System FA report.

- Adult peak demand is assumed to be Saturday PM
- Youth 11v11 peak demand is assumed to be Saturday AM
- Youth 9v9 peak demand is assumed to be Saturday AM
- Mini Soccer 7v7 peak demand is assumed to be Saturday AM
- Mini Soccer 5v5 peak demand is assumed to be Saturday AM

3.11.5 Table 3.10 does not include lapsed or disused sites that have been identified as part of the study.

3.11.6 Please note that 'AC' in the below table means 'At Capacity'.

Table 3.10: Site by Site Summary for Football Provision

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Allotment Field	North	Available - Secured	All pitches	11 x pitches (32)	12.5	19.5	2.5 spare capacity in MEPW	This site is used by the following teams: Olney Town Colts - (2x Male U18, 1x Male U16, 1x Male U15, 2x Male U14, 1x Male U13, 3x Male U12, 2x Male U11, 5x Male U10, 4x Male U9, 2x Male U8, 2x Male U7). Some matches are this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches.
			Adult Football	3x Standard (6)	1	5	2	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 11v11		2.5	-2.5	AC	Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 6 / Mini 7v7: 7.5 / Youth 9v9: 3.5 / Adult 11v11: 5. The biggest issue with the site is the lack of car parking with the number of pitches on site in conjunction with the local rugby club also. The football club is currently at capacity, especially with the development occurring around the local area. Future development would be to increase the playing pitch capacity for the football club and to increase the carpark on the site. The football and rugby pitch has the land leased on an annual basis with no long term lease.
			Youth Football 9v9	3x Standard (6)	2.5	3.5	0.5	
			Mini 7v7	3x Standard (12)	4.5	7.5	AC	
			Mini 5v5	2x Standard (8)	2	6	AC	
Bow Brickhill Playing Fields	East	Available - Secured	All pitches	2 x pitches (4)	3	1	2 spare capacity in MEPW	This site is used by the following teams: Woburn & Wavendon FC (imported demand) - (1x Male U14, 1x Male U13, 1x Male U12, 1x Male U11, 2x Male U8). Some matches are this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: 2.
			Adult Football	2x Standard (4)		4	2	
			Youth Football 11v11		1	-1	AC	
			Youth Football 9v9		1	-1	AC	
			Mini 5v5		1	-1	AC	
Bradwell Sports and Social Club	Central	Available - Secured	All pitches	1 x pitches (1)	1	0	No spare capacity	This site is used by the following teams: Five Star Newton Leys - (1x Male Adult) Old Bradwell United - (1x Male Adult).
			Adult Football	1x Poor (1)	1	0	AC	
Bradwell Village School	Central	Available - Unsecured	All pitches	2 x pitches (6)	1	5	1.5 spare capacity in MEPW	This site is used by the following teams: Roman Rangers - (1x Male U14, 1x Male U12). Some matches are this site are not being played on the

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 11v11	1x Standard (2)	0.5	1.5	0.5	correct pitch type: Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 4 / Mini 7v7: 1 /
			Youth Football 9v9		0.5	-0.5	AC	
			Mini 7v7	1x Standard (4)		4	1	
Brooklands Community Sports Pavilion	East	Available - Unsecured	All pitches	1 x pitches (2)	3	-1	No spare capacity	This site is used by the following teams: Unite MK - (2x Male Adult) City Belles - (1x Female Adult, 1x Female U18, 1x Female U15) Brooklands Pavilion FC - (1x Male Adult). Some matches are this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: -1. There is currently only one adult pitch, however, another grass area is being installed which will be able to accommodate a cricket square and two adult pitches. There is a slight slope across the area which can cause waterlogging in one corner and there is no tap for irrigation at present. The additional pitches are due to be available in 2020.
			Adult Football	1x Standard (2)	2.5	-0.5	AC	
			Youth Football 11v11		0.5	-0.5	AC	
Broughton Community Sports Pavilion	East	Available - Unsecured	All pitches	2 x pitches (6)	2	4	1 spare capacity in MEPW	This site is used by the following teams: City Belles - (2x Female U13, 1x Female U11, 1x Female U10). Some matches are this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 3.5 /
			Youth Football 11v11		1	-1	AC	
			Youth Football 9v9	1x Standard (2)	0.5	1.5	0.5	
			Mini 7v7	1x Standard (4)	0.5	3.5	0.5	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Browns Wood Sports Ground	East	Available - Secured	All pitches	2 x pitches (4)	2	2	1 spare capacity in MEPW	This site is used by the following teams: Walton MK - (1x Male U16, 2x Male U15, 1x Male U12). Some matches are this site are not being played on the correct pitch type: Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 0 / Adult 11v11: 2. Site is owned and managed by the Walton Community Council. There is a small car park but no changing facilities. There is a slight slope on the pitches, the line markings are faint and the grass too long. The site is undergoing development which is focused around providing a children's play area.
			Adult Football	1x Standard (2)		2	1	
			Youth Football 11v11	1x Standard (2)	1.5	0.5	AC	
			Youth Football 9v9		0.5	-0.5	AC	
Castlethorpe Sports Ground	North	Available - Secured	All pitches	3 x pitches (12)	2.5	9.5	2.5 spare capacity in MEPW	This site is used by the following teams: FC Castlethorpe Youth - (1x Female U14, 1x Male U13, 1x Male U12, 1x Male U11, 1x Male U8). Some matches are this site are not being played on the correct pitch type: Youth 9v9 matches are being played on Youth 11v11 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 7.5 /
			Youth Football 11v11		1	-1	AC	
			Youth Football 9v9		1	-1	AC	
			Mini 7v7	1x Standard (4)		4	1	
			Mini 5v5	2x Standard (8)	0.5	7.5	1.5	
Christ The Sower Ecumenial	West	Available - Unsecured	All pitches	2 x pitches (6)	2	4	1 spare capacity in MEPW	This site is used by the following teams: Tattenhoe Youth - (1x Male U12, 3x Male U11).

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Primary School			Youth Football 9v9	1x Standard (2)	2	0	AC	
			Mini 7v7	1x Standard (4)		4	1	
Conniburrow Community Sports Pavilion	Central	Available - Secured	All pitches	3 x pitches (8)	2.5	5.5	1.5 spare capacity in MEPW	This site is used by the following teams: Conniburrow United - (1x Male U14, 1x Male U12, 1x Male U10, 1x Female U10, 1x Male U8). Some matches are this site are not being played on the correct pitch type: Mini 7v7 matches are being played on Youth 9v9 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 3.5 / Youth 9v9: 0.5 / Mini 7v7: 1.5 / Users have reported issues with drainage, resulting in them having to regularly cancel games in the winter. The users believe that the pitches were not installed properly which has caused the issue. There is fencing to protect one end of the pitches from dog walkers and vandalism, both of which are a persistent issue. People are still able to access the site and the problems are continuing.
			Youth Football 11v11	1x Standard (2)	0.5	1.5	0.5	
			Youth Football 9v9	1x Standard (2)	0.5	1.5	0.5	
			Mini 7v7		1	-1	AC	
			Mini 5v5	1x Standard (4)	0.5	3.5	0.5	
Crownhill Sports Ground	West	Available - Unsecured	All pitches	1 x pitches (2)	0.5	1.5	1 spare capacity in MEPW	This site is used by the following teams: City Belles - (1x Female U16). Some matches are this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: 1.5. The ancillary building was refurbished in 2018 and has 2 changing rooms. The site experiences some vandalism but not too often. The drainage across the site had sunken slightly but the issue wasn't too bad. There is one adult football pitch present on
			Adult Football	1x Standard (2)		2	1	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 11v11		0.5	-0.5	AC	site; however, the site had previously had another adult pitch. This was no longer marked out due to lack of demand. The pitch had good grass coverage with exception of the goal mouths which had obvious signs of overplay. The goal posts were of a 'square' style that are deemed dangerous and will need to be changed.
Denbigh School	West	Not Available - Unsecured	All pitches	2 x pitches (4)		4	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Adult Football	1x Standard (2)		2	1	
			Youth Football 11v11	1x Standard (2)		2	1	
Derwent Drive	South	Available - Unsecured	All pitches	4 x pitches (10)		10	4 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. There is a separate ancillary for this site which is the Bletchley Youth Centre. There appear to be more litter on these pitches than the Tattenhoe Lane site and there was a hardcourt area beside the 9v9 pitch which was in a state of disrepair. One of the adult pitches had 'square' style goals which will need to be replaced and the goals on the 9v9 pitch were very rusty. There was a slight slope across this site.
			Adult Football	2x Standard (4)		4	2	
			Youth Football 9v9	1x Standard (2)		2	1	
			Mini 5v5	1x Standard (4)		4	1	
Downs Barn	Central	Available - Secured	All pitches	2 x pitches (4)	3	1	0.5 spare capacity in MEPW	This site is used by the following teams: Clean Slate - (3x Male Adult, 1x Male U16, 1x Male U11, 1x Male U10). Some matches are this site are not being played on the correct pitch type: Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand,
			Adult Football	2x Standard (4)	1.5	2.5	0.5	
			Youth Football 11v11		0.5	-0.5	AC	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 9v9		0.5	-0.5	AC	fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: 1.
			Mini 7v7		0.5	-0.5	AC	
Emberton Playing Field	North	Available - Secured	All pitches	2 x pitches (7)	0.5	6.5	1.5 spare capacity in MEPW	This site is used by the following teams: MK Titans - (1x Male Adult).
			Adult Football	1x Good (3)	0.5	2.5	0.5	
			Mini 7v7	1x Standard (4)		4	1	
Emerson Valley Combined School	West	Available - Unsecured	All pitches	2 x pitches (6)	1.5	4.5	1.5 spare capacity in MEPW	This site is used by the following teams: Emerson Valley - (2x Male U11, 1x Male U10). Some matches are this site are not being played on the correct pitch type: Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 3.5 / Mini 7v7: 1 /
			Youth Football 11v11	1x Standard (2)		2	1	
			Youth Football 9v9		1	-1	AC	
			Mini 7v7	1x Standard (4)	0.5	3.5	0.5	
Fairfields Primary School	West	Available - Unsecured	All pitches	2 x pitches (6)	2	4	1 spare capacity in MEPW	This site is used by the following teams: Roman Rangers - (2x Male U9, 1x Male U8, 1x Male U7). Some matches are this site are not being played on the correct pitch type: Mini 7v7 matches are being played on Youth 9v9 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 3 / Youth 9v9: 1 /
			Youth Football 9v9	1x Standard (2)		2	1	
			Mini 7v7		1	-1	AC	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Mini 5v5	1x Standard (4)	1	3	AC	
Fishermead Sports Ground	Central	Available - Secured	All pitches	2 x pitches (2)	2	0	No spare capacity	This site is used by the following teams: MK Gallacticos - (1x Male U14, 1x Male U11, 1x Male U10, 1x Male U9). Some matches are this site are not being played on the correct pitch type: Mini 7v7 matches are being played on Youth 9v9 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Youth 9v9: -0.5 / Mini 7v7: 0.5 /
			Youth Football 11v11	1x Poor (1)	0.5	0.5	0.5	
			Youth Football 9v9	1x Poor (1)	0.5	0.5	0.5	
			Mini 7v7		1	-1	AC	
Furzton Sports Ground	West	Available - Secured	All pitches	2 x pitches (4)	2	2	1 spare capacity in MEPW	This site is used by the following teams: MK Gallacticos - (2x Male Adult, 1x Male U15, 1x Male U14). Some matches are this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: 2. The site is owned by the local authority and managed by InspireAll. Maintenance is done by an external contractor. The goal posts are square and will be to be replaced.
			Adult Football	2x Standard (4)	1	3	1	
			Youth Football 11v11		1	-1	AC	
Hanslope Recreation Ground	North	Available - Secured	All pitches	4 x pitches (13)	3.5	9.5	2 spare capacity in MEPW	This site is used by the following teams: Hanslope - (3x Male Adult) Hanslope Hornets - (1x Male U14, 1x Male U12, 1x Male U10, 1x Male U8). Some matches are this site are not being played on the correct pitch type: Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate
			Adult Football	1x Good, 1x Standard (5)	1.5	3.5	0.5	
			Youth Football 11v11		0.5	-0.5	AC	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 9v9		0.5	-0.5	AC	pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 7.5 / Adult 11v11: 2.5.
			Mini 7v7		0.5	-0.5	AC	
			Mini 5v5	2x Standard (8)	0.5	7.5	1.5	
Heelands Playing Fields	Central	Available - Unsecured	All pitches	1 x pitches (1)		1	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study.
			Adult Football	1x Poor (1)		1	1	
Heelands Sports Ground	Central	Available - Secured	All pitches	5 x pitches (12)	11	1	1.5 spare capacity in MEPW	This site is used by the following teams: Heelands Rangers - (1x Mixed U15, 1x Mixed U14, 1x Mixed U14, 1x Mixed U13, 1x Mixed U12, 1x Mixed U11, 1x Mixed U10, 1x Mixed U9, 1x Mixed U8, 1x Mixed U7). Some matches are this site are not being played on the correct pitch type: Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 5 / Mini 7v7: 0.5 / Adult 11v11: -3.
			Adult Football	1x Standard (2)	6.5	-4.5	AC	
			Youth Football 11v11	2x Standard (4)	1.5	2.5	0.5	
			Youth Football 9v9		1	-1	AC	
			Mini 7v7		1	-1	AC	
			Mini 5v5	1x Standard , 1x Poor (6)	1	5	1	
Heronsgate School	East	Available - Unsecured	All pitches	4 x pitches (12)	1.5	10.5	3 spare capacity in MEPW	This site is used by the following teams: Walton MK - (1x Male U13, 1x Male U11, 1x Male U9). Some matches are this site are not being played on the

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 11v11	2x Standard (4)	0.5	3.5	1.5	correct pitch type: Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 7.5 / Mini 7v7: 3 /
			Youth Football 9v9		0.5	-0.5	AC	
			Mini 7v7	2x Standard (8)	0.5	7.5	1.5	
Hodge Lea	Central	Available - Secured	All pitches	4 x pitches (8)	4	0	No spare capacity	This site is used by the following teams: Wolverton Tigermoths - (1x Male U16, 1x Male U15, 1x Male U14, 1x Male U13, 1x Male U11, 1x Male U10, 1x Male U9, 1x Male U7). The ancillary building has experienced anti-social behaviour in the form of stones being thrown at the exterior walls leading to chips in the render. The pitches do not appear to have had much recent vandalism. The drains across the site have sunk but this does not appear to be a big issue. Many of the pitches have temporary goals and damage to goal mouths. The youth 9v9 pitch also had damage from previous line markings from a larger pitch.
			Youth Football 11v11	1x Standard (2)	2	0	AC	
			Youth Football 9v9	1x Standard (2)	0.5	0	AC	
			Mini 7v7	1 x Standard (2)	1	0	AC	
			Mini 5v5	1x Standard (2)	0.5	0	AC	
Jubilee Wood Primary School	Central	Available - Unsecured	All pitches	2 x pitches (6)	2	4	1 spare capacity in MEPW	This site is used by the following teams: MK Gallacticos - (2x Male U13, 1x Male U12, 1x Male U8). Some matches at this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 3.5 /
			Youth Football 11v11		1	-1	AC	
			Youth Football 9v9	1x Standard (2)	0.5	1.5	0.5	
			Mini 5v5	1x Standard (4)	0.5	3.5	0.5	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Kents Hill Sports Ground	East	Available - Secured	All pitches	7 x pitches (20)	12	8	No spare capacity	This site is used by the following teams: MK Wanderers - (3x Male Adult, 2x Male U16, 1x Male U14, 3x Male U13, 4x Male U12, 3x Male U11, 3x Male U10, 1x Female U10, 1x Male U9, 2x Male U8, 1x Male U7).
			Adult Football	1x Standard (2)	1.5	0.5	AC	
			Youth Football 11v11	1x Standard (2)	3	-1	AC	
			Youth Football 9v9	2x Standard (4)	3.5	0.5	AC	
			Mini 7v7	2x Standard (8)	2.5	5.5	AC	
			Mini 5v5	1x Standard (4)	1.5	2.5	AC	
Leon Leisure Centre	South	Available - Secured	All pitches	5 x pitches (10)	13.5	-3.5	No spare capacity	This site is used by the following teams: Waterhall Stars - (1x Male U16, 1x Male U15, 1x Male U13, 1x Male U11, 1x Male U10) Eagle Vets FC - (1x Male Adult) Milton Keynes Dons FC - (4x Male U18, 2x Male U16, 1x Female U16, 1x Male U15, 1x Male U14, 1x Female U14, 1x Male U13, 1x Female U10) Stoke Hammond Youth - (1x Male U12, 2x Male U10, 2x Male U9, 2x Male U8, 2x Male U7). Some matches at this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: -9 / Adult 11v11: -1.5.
			Adult Football	4x Standard (8)	2.5	5.5	1.5	
			Youth Football 11v11	1x Standard (2)	5	-3	AC	
			Youth Football 9v9		1	-1	AC	
			Mini 7v7		3	-3	AC	
			Mini 5v5		2	-2	AC	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Long Meadow School	West	Available - Unsecured	All pitches	3 x pitches (8)	2.5	5.5	1.5 spare capacity in MEPW	This site is used by the following teams: Shenley - (1x Female U13, 1x Male U11, 2x Male U10, 1x Male U9). Some matches at this site are not being played on the correct pitch type: Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 2.5 / Mini 7v7: 3 /
			Youth Football 11v11	2x Standard (4)	0.5	3.5	1.5	
			Youth Football 9v9		0.5	-0.5	AC	
			Mini 7v7	1x Standard (4)	1.5	2.5	AC	
Lord Grey School	South	Available - Unsecured	All pitches	1 x pitches (2)	5	-3	No spare capacity	This site is used by the following teams: Water Eaton Youth - (1x Male U16, 1x Male U13, 2x Male U12, 1x Male U11, 1x Male U10, 2x Male U9, 2x Male U7). Some matches at this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: -2.
			Adult Football	1x Standard (2)		2	1	
			Youth Football 11v11		1	-1	AC	
			Youth Football 9v9		1.5	-1.5	AC	
			Mini 7v7		1.5	-1.5	AC	
			Mini 5v5		1	-1	AC	
Loughton Sports And Social Club	West	Available - Secured	All pitches	2 x pitches (4)	4	0	No spare capacity	This site is used by the following teams: Interact - (1x Male Adult) Roman Rangers - (1x Male U13, 1x Male U11, 1x Male U10) Tattenhoe Youth - (1x Male U18, 2x Male U15, 1x Male U14). Some matches at this site are not being played on the correct pitch type: Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that,
			Adult Football	1x Standard (2)	1	1	AC	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 11v11	1x Standard (2)	2	0	AC	when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: -1 / Adult 11v11: 0. The club building has graffiti, overgrown weeds and some external damage. There are also a number of CCTV cameras and security lights. The car park is limited although there is additional parking across the road. The pitches are able to be accessed by the public, however, there are no permanent goals which will limit informal use. There is a slight slope across the site but no major issues have been identified.
			Youth Football 9v9		0.5	-0.5	AC	
			Mini 7v7		0.5	-0.5	AC	
Manor Fields Sports Ground	South	Available - Secured	All pitches	1 x pitches (3)	1	2	No spare capacity	This site is used by the following teams: Unite MK - (1x Male Adult) Buckingham Town FC - (1x Male Adult). There is a stadium pitch with a covered stand, floodlighting and railings. There is an area of disused land beside this pitch where the site owners are looking to add an AGP. No firm plans have been made yet.
			Adult Football	1x Good (3)	1	2	AC	
Marsh Drive Sport Ground	North	Available - Secured	All pitches	5 x pitches (16)	3.5	12.5	2 spare capacity in MEPW	This site is used by the following teams: Milton Keynes Dons FC - (1x Female Adult) Great Linford - (2x Male Adult, 1x Male U15, 1x Male U13, 1x Male U12, 1x Male U9). Some matches at this site are not being played on the correct pitch type: Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 4 / Mini 7v7: 3.5 / Mini 7v7: 0.5 / Adult 11v11: 5.5.
			Adult Football	2x Good (6)	1.5	4.5	0.5	
			Youth Football 11v11	1x Standard (2)	1	1	AC	
			Youth Football 9v9		0.5	-0.5	AC	
			Mini 7v7	1x Standard (4)	0.5	3.5	0.5	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Mini 5v5	1x Standard (4)		4	1	
Medbourne Pavilion	West	Available - Secured	All pitches	9 x pitches (26)	8	18	4 spare capacity in MEPW	<p>This site is used by the following teams: Tattenhoe Youth - (1x Male U13, 1x Male U12, 3x Male U10, 4x Male U9, 4x Male U8, 3x Male U7). The site is generally flat with pipe drains. There are some sunken drains across the site but these are not severe. Some of the goal mouths, particularly the 5v5 and 9v9 pitches, have lots of damage. The adult pitch is on a separate, raised area and appears to have the most use and no artificial drainage. The site has no boundary fencing and is situated in a housing development so informal use and dog walkers are expected. There is also additional space that could be used for more pitches.</p>
			Adult Football	1x Standard (2)		2	1	
			Youth Football 11v11	1x Standard (2)	0.5	1.5	0.5	
			Youth Football 9v9	3x Standard (6)	0.5	5.5	2.5	
			Mini 7v7	1x Standard (4)	3.5	0.5	AC	
			Mini 5v5	3x Standard (12)	3.5	8.5	AC	
Milton Keynes Village Pavilion	East	Available - Secured	All pitches	4 x pitches (12)	3	9	2 spare capacity in MEPW	<p>This site is used by the following teams: Aspley Guise - (1x Male U12, 1x Male U11) City Colts - (2x Male Adult) MK Pavilion - (1x Male Adult) W. Portsmouth F.C - (1x Male Adult).</p>
			Adult Football	1x Standard (2)	2	0	AC	
			Youth Football 9v9	1x Standard (2)	1	1	AC	
			Mini 7v7	1x Standard (4)		4	1	
			Mini 5v5	1x Standard (4)		4	1	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Monkston Community Centre and Sports Pavilion	East	Available - Secured	All pitches	2 x pitches (4)	1	3	1 spare capacity in MEPW	This site is used by the following teams: MK Benfica - (2x Male Adult). The pitches have a slight slope, with some litter present on them and the goal mouths have damage. There is a raised drain near to the back of one of the pitches and there is space to move the pitch back away from this.
			Adult Football	2x Standard (4)	1	3	1	
New Bradwell Recreation Ground	North	Available - Secured	All pitches	1 x pitches (2)	0.5	1.5	0.5 spare capacity in MEPW	This site is used by the following teams: New Bradwell St Peter FC - (1x Male Adult).
			Adult Football	1x Standard (2)	0.5	1.5	0.5	
Newport Pagnell Youth Club	North	Available - Secured	All pitches	2 x pitches (4)	4.5	-0.5	No spare capacity	This site is used by the following teams: Newport Pagnell Youth - (3x Male U16, 2x Male U14, 1x Mixed U14, 1x Mixed U14, 1x Male U10, 1x Male U8, 1x Mixed U8). Some matches at this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: 0.5.
			Adult Football	2x Standard (4)		4	2	
			Youth Football 11v11		3	-3	AC	
			Mini 7v7		0.5	-0.5	AC	
			Mini 5v5		1	-1	AC	
North Crawley Recreation Ground	North	Available - Secured	All pitches	1 x pitches (2)		2	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study.
			Adult Football	1x Standard (2)		2	1	
Oakgrove Secondary School	East	Available - Unsecured	All pitches	3 x pitches (8)	9	-1	No spare capacity	This site is used by the following teams: City Colts Youth - (1x Male U18, 2x Male U15, 1x Male U14, 2x Male U13, 1x Male U12, 3x Male U11, 2x Male

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Adult Football	1x Standard (2)	0.5	1.5	0.5	U10, 3x Male U9, 2x Male U8, 1x Male U7). Some matches are this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 0 / Youth 9v9: 0 / Adult 11v11: 1.5.
			Youth Football 11v11		2.5	-2.5	AC	
			Youth Football 9v9	1x Standard (2)	2	0	AC	
			Mini 7v7	1x Standard (4)	2.5	1.5	AC	
			Mini 5v5		1.5	-1.5	AC	
Olney Middle School	North	Available - Unsecured	All pitches	2 x pitches (4)		4	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity. 2 small sided soccer pitches (1 7v7 and 1 5v5). Both are rated as poor due to slope and drainage issues on site with large cracks on the surface following a dry summer. There are plans to develop a small sided sand based AGP pitch on site.
			Mini 7v7	1x Poor (2)		2	1	
			Mini 5v5	1x Poor (2)		2	1	
Open University (Walton Hall Campus)	East	Not Available - Unsecured	All pitches	1 x pitches (2)	0.5	1.5	0.5 spare capacity in MEPW	This site is used by the following teams: Open University - (1x Male Adult).
			Adult Football	1x Standard (2)	0.5	1.5	0.5	
Ousedale School (Newport Pagnell Campus)	North	Not Available - Unsecured	All pitches	2 x pitches (3)		3	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Adult Football	1x Standard , 1x Poor (3)		3	2	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Ousedale School (Olney Campus)	North	Available - Unsecured	All pitches	2 x pitches (4)		4	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Adult Football	2x Standard (4)		4	2	
Perry Lane Recreation Ground	North	Available - Secured	All pitches	1 x pitches (2)	1.5	0.5	No spare capacity	This site is used by the following teams: AFC Santander - (1x Male Adult) AFC Sherington - (1x Male Adult) FC Poor-Toe Dragons - (1x Male Adult).
			Adult Football	1x Standard (2)	1.5	0.5	AC	
Portfields Combined School	North	Not Available - Unsecured	All pitches	1 x pitches (4)		4	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Mini 7v7	1x Standard (4)		4	1	
Radcliffe School	North	Available - Unsecured	All pitches	5 x pitches (9)	0.5	8.5	4.5 spare capacity in MEPW	This site is used by the following teams: Stanton Manor - (1x Male Adult).
			Adult Football	2x Standard , 1x Poor (5)	0.5	4.5	2.5	
			Youth Football 11v11	2x Standard (4)		4	2	
Scot Sport & Social Club	South	Available - Secured	All pitches	4 x pitches (8)	16.5	-8.5	No spare capacity	This site is used by the following teams: Bletchley Park - (3x Male Adult) Castlethorpe Rovers - (1x Male Adult) Scot - (1x Male U16, 1x Male U15, 1x Male U14, 1x Male U13, 1x Male U12, 1x Male U11, 1x Male U10, 1x Male U9, 1x Male U8, 1x Male U7). Some matches at this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Mini 7v7 matches are being played on Youth 9v9 pitches. Assuming that,
			Adult Football	2x Standard (4)	11.5	-7.5	AC	
			Youth Football 11v11	1x Standard (2)	2	0	AC	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 9v9	1x Standard (2)	1	1	AC	when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Youth 9v9: -1 / Mini 7v7: 0 / Adult 11v11: -7.5. Scot FC use the football pitches, the main clubhouse and a separate changing facility. The Main pitch has no obvious issues although the dugout is in a poor state and the perimeter railing needs repair. The youth pitches are situated across the road and the ground is quite uneven.
			Mini 7v7		1	-1	AC	
			Mini 5v5		1	-1	AC	
Shenley Brook End School	West	Available - Unsecured	All pitches	4 x pitches (8)	2.5	5.5	2.5 spare capacity in MEPW	This site is used by the following teams: Shenley - (1x Male U18, 1x Male U16, 2x Male U14, 1x Male U13). The adult pitch does experience some waterlogging, but this is not severe. The AGP is 14 years old but seemed to be in good condition for its age. However, the school has allocated funds to resurface the pitch (it will remain 3G) and should be carried out over the summer 2019.
			Adult Football	1x Standard (2)	0.5	1.5	0.5	
			Youth Football 11v11	1x Standard (2)	2	0	AC	
			Youth Football 9v9	2x Standard (4)		4	2	
St Bernadette's Catholic Primary School	East	Not Available - Unsecured	All pitches	2 x pitches (8)		8	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Mini 7v7	1x Standard (4)		4	1	
			Mini 5v5	1x Standard (4)		4	1	
St Mary And St Giles C of E Junior School	West	Not Available - Unsecured	All pitches	1 x pitches (2)	0.5	1.5	0.5 spare capacity in MEPW	This site is used by the following teams: Hazeley FC - (1x Male U14).
			Youth Football 11v11	1x Standard (2)	0.5	1.5	0.5	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
St Mary Magdalene Catholic Primary School	North	Not Available - Unsecured	All pitches	3 x pitches (10)	0.5	9.5	2.5 spare capacity in MEPW	This site is used by the following teams: Roman Rangers - (1x Male U13).
			Youth Football 11v11	1x Standard (2)	0.5	1.5	0.5	
			Mini 7v7	1x Standard (4)		4	1	
			Mini 5v5	1x Standard (4)		4	1	
St Monica's Catholic Primary School	North	Not Available - Unsecured	All pitches	2 x pitches (6)		6	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Mini 5v5	1x Standard, 1x Poor (6)		6	2	
St Pauls Catholic School	Central	Available - Unsecured	All pitches	2 x pitches (4)		4	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Adult Football	2x Standard (4)		4	2	
Stadium MK	South	Not Available - Secured	All pitches	1 x pitches (3)	1	2	No spare capacity	This site is used by the following teams: Milton Keynes Dons FC - (2x Male Adult).
			Adult Football	1x Good (3)	1	2	AC	
Stanton School	North	Not Available - Unsecured	All pitches	1 x pitches (2)		2	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Youth Football 11v11	1x Standard (2)		2	1	
Stantonbury Arts & Leisure Trust	North	Available - Secured	All pitches	2 x pitches (4)	2.5	1.5	2 spare capacity in MEPW	This site is used by the following teams: Central Milton Keynes (2016) - (1x Male U11, 1x Male U9, 1x Male U8, 2x Male U7). Some matches are this

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Adult Football	2x Standard (4)		4	2	site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 9v9 matches are being played on Youth 11v11 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Adult 11v11: 3.
			Youth Football 9v9		0.5	-0.5	AC	
			Mini 7v7		0.5	-0.5	AC	
			Mini 5v5		1.5	-1.5	AC	
Stony Stratford Town Football Club	West	Available - Secured	All pitches	3 x pitches (5)	5.5	-0.5	No spare capacity	This site is used by the following teams: Stony Stratford Town - (1x Male Adult, 1x Male U16, 1x Male U15, 1x Male U14, 2x Male U11, 1x Male U10, 1x Male U9, 1x Male U8) The White Horse (Stony Stratford) - (1x Male Adult) Wolverton Town (Veterans) FC - (1x Male Adult). Some matches are this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Mini 7v7 matches are being played on Youth 9v9 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Youth 9v9: -1.5 / Adult 11v11: 2.5.
			Adult Football	2x Standard (4)	1.5	2.5	0.5	
			Youth Football 11v11		1.5	-1.5	AC	
			Youth Football 9v9	1x Poor (1)	1	0	AC	
			Mini 7v7		1	-1	AC	
			Mini 5v5		0.5	-0.5	AC	
Summerfield School	Central	Not Available - Unsecured	All pitches	1 x pitches (2)		2	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Youth Football 11v11	1x Standard (2)		2	1	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Tattenhoe Lane Playing Fields	South	Available - Unsecured	All pitches	4 x pitches (12)		12	4 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. All maintenance is managed by the club who use an external contractor. The RAFA club manage the ancillary building which is used as their meeting hall. There are two changing rooms in poor condition. Generally, the pitches were standard quality. There was some particularly bad damage to some goal mouths and the adult pitch has 'square' style goal posts which will need to be updated.
			Adult Football	1x Standard (2)		2	1	
			Youth Football 11v11	1x Standard (2)		2	1	
			Mini 7v7	1x Standard (4)		4	1	
			Mini 5v5	1x Standard (4)		4	1	
Tattenhoe Park	West	Available - Secured	All pitches	4 x pitches (12)	4	8	3 spare capacity in MEPW	This site is used by the following teams: Tattenhoe Youth - (3x Male U15, 2x Male U14, 2x Male U12, 1x Male U11). Some matches at this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 8 / Youth 9v9: 0.5 / Adult 11v11: 2. The site is due to be developed and a community centre is going to be added. This building will be placed on the adult pitch which will be reconfigured. The remaining space will not be sufficient for a full-sized pitch and it will probably become a youth 9v9 pitch. The pitches are used by Tattenhoe Youth FC, however, the only pitch that was marked out was the adult pitch. The drainage at the site had sunken quite badly and in places was deep enough to be unsafe. Some of the goal posts appeared rusty with considerable give and should be checked.
			Adult Football	1x Standard (2)		2	1	
			Youth Football 11v11		2.5	-2.5	AC	
			Youth Football 9v9	1x Standard (2)	1.5	0.5	AC	
			Mini 7v7	2x Standard (8)		8	2	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Tattenhoe Sports Pavilion	West	Available - Secured	All pitches	8 x pitches (25)	19.5	5.5	No spare capacity	This site is used by the following teams: Milton Keynes College - (4x Male U18, 1x Female U18) Tattenhoe FC - (4x Male Adult, 1x Male U18, 1x Female U18, 1x Male U16, 1x Female U16, 1x Male U15, 3x Male U12, 1x Female U12, 4x Male U11, 5x Male U10, 3x Male U9, 5x Male U8, 3x Male U7) TG United - (1x Male Adult). Some matches are this site are not being played on the correct pitch type: Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 5v5: 4 / Mini 7v7: 4 / Youth 9v9: -2 / Adult 11v11: 1.
			Adult Football	1x Good , 2x Standard (7)	6	1	AC	
			Youth Football 11v11		1.5	-1.5	AC	
			Youth Football 9v9	1x Standard (2)	4	-2	AC	
			Mini 7v7	2x Standard (8)	4	4	AC	
			Mini 5v5	2x Standard (8)	4	4	AC	
The Hazeley Academy	West	Available - Unsecured	All pitches	4 x pitches (10)	1.5	8.5	3 spare capacity in MEPW	This site is used by the following teams: Hazeley FC - (1x Male U14) Tattenhoe Youth - (1x Male U16, 1x Male U13).
			Adult Football	2x Standard (4)		4	2	
			Youth Football 11v11	1x Standard (2)	1.5	0.5	AC	
			Mini 7v7	1x Standard (4)		4	1	
The Milton Keynes Academy	Central	Available - Unsecured	All pitches	1 x pitches (2)		2	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study.
			Adult Football	1x Standard (2)		2	1	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
The Webber Independent School	North	Not Available - Unsecured	All pitches	1 x pitches (2)		2	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Youth Football 11v11	1x Standard (2)		2	1	
Tickford Park Primary School	North	Available - Unsecured	All pitches	1 x pitches (2)		2	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Mini 7v7	1x Poor (2)		2	1	
Two Mile Ash School	Central	Not Available - Unsecured	All pitches	1 x pitches (2)		2	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity.
			Youth Football 9v9	1x Standard (2)		2	1	
Walnut Tree Sports Ground	East	Available - Unsecured	All pitches	3 x pitches (6)	1.5	4.5	1.5 spare capacity in MEPW	This site is used by the following teams: Roman Rangers - (1x Male U16, 1x Male U14, 1x Male U13). The ancillary building was showing signs of past vandalism and had secure fencing all round to prevent further damage. In particular the external doors and roof need to be repaired. All the pitches have 'square' style goals which are unsafe and need to be replaced.
			Adult Football	1x Standard (2)		2	1	
			Youth Football 11v11	2x Standard (4)	1.5	2.5	0.5	
Walton High (Brooklands Campus)	West	Available - Unsecured	All pitches	2 x pitches (6)		6	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study.

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Adult Football	2x Good (6)		6	2	
Walton High (Walnut Tree Campus)	East	Available - Unsecured	All pitches	4 x pitches (8)		8	4 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study.
			Adult Football	4x Standard (8)		8	4	
Watson's Field	East	Available - Secured	All pitches	1 x pitches (2)	1	1	No spare capacity	This site is used by the following teams: Woburn & Wavendon FC (imported demand) - (2x Male U14).
			Youth Football 11v11	1x Standard (2)	1	1	AC	
Wavendon Gate School	East	Available - Unsecured	All pitches	2 x pitches (6)	4	2	0.5 spare capacity in MEPW	This site is used by the following teams: Walton MK - (1x Male U13, 1x Male U11, 2x Male U10, 2x Male U8, 2x Male U7). Some matches at this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Youth 11v11 matches are being played on Adult pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 1 /
			Youth Football 11v11		0.5	-0.5	AC	
			Youth Football 9v9	1x Standard (2)	0.5	1.5	0.5	
			Mini 7v7	1x Standard (4)	1	3	AC	
			Mini 5v5		2	-2	AC	
Wavendon Recreation Ground	East	Available - Secured	All pitches	3 x pitches (10)	4.5	5.5	0.5 spare capacity in MEPW	This site is used by the following teams: Woburn & Wavendon FC (imported demand) - (1x Male U11, 2x Male U10, 3x Male U9, 2x Male U8, 1x Male U7).

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Youth Football 9v9	1x Standard (2)	0.5	1.5	0.5	The site has a community centre which is managed by the Parish Council as well as a small clubhouse. There are no changing facilities for the teams using the site. It is also located beside a local primary school and car parking is very limited.
			Mini 7v7	1x Standard (4)	2.5	1.5	AC	
			Mini 5v5	1x Standard (4)	1.5	2.5	AC	
Westcroft Sports Ground and Pavilion	West	Available - Unsecured	All pitches	1 x pitches (2)	3	-1	No spare capacity	This site is used by the following teams: Tattenhoe FC - (2x Male U15, 1x Female U14, 3x Male U13). The site is managed by InspireAll. The ancillary building has a new gym where previously there was a community hall and nursery. The sports ground is surrounded by a relatively recent housing development (about 10 years old) and the pitches were built around the same time. There are no boundary fences to around the site. There are two youth football pitches, both of which have goals which are potentially unsafe. Both pitches have good grass coverage but with damage to goal mouths. The drainage across the site is slightly sunken.
			Youth Football 11v11	1x Standard (2)	3	-1	AC	
Willen Primary School	East	Available - Unsecured	All pitches	2 x pitches (8)		8	2 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study. However, it is understood to be used by the school for lessons and extra-curricular activity. No current community use on site but the school supports open this up to a local key. Two mini soccer pitches that would be a good location for a mini team. The school wishes to develop separate changing/toilet provision, so the school doesn't have to open up.
			Mini 7v7	1x Standard (4)		4	1	
			Mini 5v5	1x Standard (4)		4	1	
Willen Sports Ground	North	Available - Secured	All pitches	9 x pitches (22)	24.5	-2.5	No spare capacity	This site is used by the following teams: Newport Pagnell Athletic - (1x Male Adult) Newport Pagnell Town - (3x Male Adult, 1x Mixed U18, 1x Mixed

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
			Adult Football	1x Good, 3x Standard (9)	12.5	-3.5	AC	U16, 1x Mixed U15, 1x Mixed U14, 1x Mixed U14, 1x Female U13, 2x Mixed U13, 1x Mixed U12, 5x Mixed U11, 4x Mixed U10, 1x Female U9, 3x Mixed U9, 2x Mixed U8, 2x Mixed U7) Garage MK - (2x Male Adult) Milton Keynes Dons FC - (1x Female Adult) Stacey Bushes - (1x Male Adult). Some matches are this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 2 / Youth 9v9: -1 / Mini 7v7: 0 / Adult 11v11: -3.5.
			Youth Football 11v11	1x Standard, 1x Poor (3)	3	0	AC	
			Youth Football 9v9	1x Standard (2)	3	-1	AC	
			Mini 7v7	2x Standard (8)	4	4	AC	
			Mini 5v5		2	-2	AC	
Willen Village Park	East	Available - Secured	All pitches	7 x pitches (12)	9.5	2.5	1 spare capacity in MEPW	This site is used by the following teams: Willen - (1x Male Adult, 1x Male U16, 2x Male U15, 1x Male U14, 3x Male U13, 1x Female U13, 2x Male U12, 1x Male U11, 3x Male U10, 1x Male U9, 2x Male U8, 1x Male U7). Some matches are this site are not being played on the correct pitch type: Mini 5v5 matches are being played on Mini 7v7 pitches. Assuming that, when there is not the appropriate pitch size to meet demand, fixtures are being played on the next largest pitch type available, the following balances can be said to apply; Mini 7v7: 2.5 / Youth 9v9: 0.5 / Mini 7v7: -1 / Adult 11v11: 0.5. The club is keen for further pitch improvements as the club is currently at capacity due to a number of teams and pitches on site. The pavilion is owned by a trust and manages it for further classes and development. The football club uses the ancillary facilities for changing but usually just the older teams. The site could do with further improvements to the pitches and also building new floodlights for training provision. The parish and club are also in support of an asset transfer of the site from the LA for better management.
			Adult Football	1x Poor (1)	0.5	0.5	0.5	
			Youth Football 11v11	1x Standard, 1x Poor (3)	4	-1	AC	
			Youth Football 9v9	2x Poor (2)	1.5	0.5	0.5	
			Mini 7v7	1x Standard, 1x Poor (6)	2	4	AC	
			Mini 5v5		1.5	-1.5	AC	

Site Name	Sub Area	Availability / Security of Use	Pitch Type	Supply (capacity in mepw in brackets)	Demand in MEPW	Balance for Community use (grass pitches only)	Peak Time Capacity Balance	Site Summary
Woburn Sands Recreation Ground	East	Available - Secured	All pitches	1 x pitches (1)		1	1 spare capacity in MEPW	This site is not recorded as being used for formal football demand as part of this study.
			Youth Football 9v9	1x Poor (1)		1	1	
Woughton On the Green Playing Field	Central	Available - Secured	All pitches	9 x pitches (26)	4.5	21.5	5.5 spare capacity in MEPW	This site is used by the following teams: Milton Keynes Dons FC - (1x Male U18, 1x Male U16, 1x Male U15, 1x Male U14, 1x Male U13, 1x Male U12, 1x Male U11, 1x Male U10, 1x Male U9). There are currently conversations ongoing with regards to MK Dons' potential exit from this site and how this may open up capacity for other sports/clubs.
			Adult Football	2x Good, 3x Standard (12)	0.5	11.5	4.5	
			Youth Football 11v11	1x Standard (2)	2	0	AC	
			Youth Football 9v9	1x Standard (2)	1	1	AC	
			Mini 7v7	1x Standard (4)	1	3	AC	
			Mini 5v5	1x Good (6)		6	1	

3.12 Current and Future Positions

3.12.1 Tables 3.11 to 3.15 below shows the balance between supply and demand for sub-area, split by pitch typology. The information gathered in the earlier stages of the project is used to present the current supply and demand position for each pitch typology. The current position is then used to look at the likely future position by incorporating latent/unmet, displaced and future demand.

3.12.2 The points below provide further explanation on the terms used within the tables:

- **Actual spare capacity:** The amount of spare capacity from all pitches during the peak period, quantified in Match Equivalent Sessions (MES).
- **Total overplay:** The total amount of overplay for football sites in the area, calculated by adding together the balance from any site that is currently being overplayed and expressed in match equivalent sessions (MES)
- **Current position:** The supply and demand position for grass pitch provision, when taking into consideration the extent of spare capacity and then deducting the amount of overplay.
- **Unmet/latent demand:** Potential demand that has been identified as not being converted yet. For more information see the latent and unmet demand sections of this need's assessment
- **Displaced demand:** Demand that cannot be satisfied within the local authority, due to a lack of suitable facilities
- **Future demand:** The projected growth of demand, calculated using Team Generation Rates and the population projections for each sub-area
- **Future position:** The projected supply and demand analysis for 2031, using the current position and taking into consideration the additional demand from unmet, latent, displaced and future (population growth) demand.

3.12.3 It should be noted that the current and future positions presented do take into consideration supply that is available at sites that are considered to be unsecured for community use. For instance, an educational establishment may provide football supply that is used by local teams, however this supply is unlikely to have any long-term security (i.e. access can be removed at any time).

3.12.4 As this analysis is testing the current position, available but unsecured supply has been included in the analysis. A scenario testing section in the Strategy document will test the potential impact of these sites not being available for community use in the future.

3.12.5 The table below shows the current and future position for adult 11v11 grass pitches across the study area, however it is key that this information in the tables is only used as a starting point to help develop the key findings of the assessment work for each pitch type which will inform the strategy, recommendations and action plan. The information in the tables has therefore been used alongside the site by site assessment work, consultation responses and other information gathered, to build a fuller picture of the current and future positions. This detail, which presents the key findings and specific issues for each pitch type, is presented under each respective table and in the key findings section of this assessment report.

Table 3.11: Adult 11v11 Analysis for ALL AVAILABLE SITES – All Data in Match Equivalent Sessions (MES)

Adult 11v11 Analysis Area	Actual spare capacity	Total overplay	Current position	Unmet/ latent demand	Displaced demand	Future Demand	Future position
Central	23	-4.5	18.5	2.5	0	1.93	14.1
East	21.5	-0.5	21	5	1	1.54	13.5
North	36	-3.5	32.5	3.75	3	2.15	23.6
South	15.5	-7.5	8	1	0	1.56	5.4
West	25	0	25	0	0	1.78	23.2
Milton Keynes (Study Area)	123	-16	107	12.25	4	9.29	81.5

- 3.12.6 Table 3.11 illustrates that for adult 11v11 pitch provision, there is currently 107 MES spare capacity in the study area. The highest amount of spare capacity exists in the North sub-area with 32.5 MES.
- 3.12.7 All sub areas within the study area are showing spare capacity for adult 11v11 provision in the current position. Despite this, it should be noted that youth matches will often be played on adult 11v11 pitches and so this will affect the actual capacity balance of pitches.
- 3.12.8 It should be noted that although the capacity balance for adult 11v11 provision is showing a level of spare capacity in both the current and future positions, this includes supply provided by sites which are considered unsecured for community use. This means that this supply could be removed at any point in the near future. The scenario section found in Stage D of this strategy takes the analysis further and looks at the situation in which all unsecured provision is removed from the supply.

Table 3.12: Youth 11v11 Analysis for ALL AVAILABLE SITES – All Data in Match Equivalent Sessions (MES)

Youth 11v11 Analysis Area	Actual spare capacity	Total overplay	Current position	Unmet/ latent demand	Displaced demand	Future Demand	Future position
Central	6	-1.5	4.5	1.5	0	3.10	-0.10
East	7.5	-7.5	0	1	8	2.32	-11.32
North	5	-7	-2	1.25	1	3.21	-7.46
South	2	-4	-2	1	0	2.30	-5.30
West	7.5	-8	-0.5	0	0	3.29	-3.79
Milton Keynes (Study Area)	28	-28	0	4.75	9	14.22	-27.97

- 3.12.9 Table 3.12 illustrates that for the youth 11v11 provision in the study area, there is currently no spare capacity when considering Milton Keynes as a whole. This would suggest that there is just enough supply of youth 11v11 pitches to accommodate demand; however, this means there is no spare capacity to cater for future demand growth.
- 3.12.10 The largest current deficits for this pitch typology are located in the North and South sub areas where there is currently a deficit of 2 MES.
- 3.12.11 The youth 11v11 pitch typology has the smallest overall level of available capacity for the current position when comparing this to the other 4 pitch typologies. Typically, some of this demand can be alleviated by changing some of spare capacity in adult 11v11 pitches and converting some of these into youth 11v11 pitches.
- 3.12.12 When incorporating unmet, latent, displaced and future demand growth into the calculations, it can be seen that all sub areas are expected to have a deficit for this provision by the end of the study period. The largest deficit is projected to exist in the East sub area with a deficit of 11.32 MES.

Table 3.13: Youth 9v9 Analysis for ALL AVAILABLE SITES – All Data in Match Equivalent Sessions (MES)

Analysis Area	Actual spare capacity	Total overplay	Current position	Unmet/ latent demand	Displaced demand	Future Demand	Future position
Central	6	-2	4	0	0	1.95	2.05
East	7.5	-2	5.5	2.25	4	1.57	-2.32
North	3.5	-3.5	0	0	2	2.39	-4.39
South	3	-2.5	0.5	1	0	1.48	-1.98
West	12	-4	8	0	0	1.94	6.06
Milton Keynes (Study Area)	32	-14	18	3.25	6	9.06	-0.31

3.12.13 Table 3.13 illustrates that for youth 9v9 pitch provision, there is a surplus of supply of 18 MES. There are no sub areas in the study area that have a deficit of provision. The sub area with the greatest level of spare capacity is in the West, where there is currently spare capacity of 8 MES.

3.12.14 On specific sites where larger pitch types e.g. adult 11v11 pitches are understood to be meeting demand from teams requiring smaller pitches e.g. youth 11v11 and youth 9v9 pitches, we have made specific notes in table 3.10 of the requirements for these pitches to have the ability to be used flexibly. This means access to mobile goalposts with the appropriate storage to enable the appropriate goal and pitch sizes to be made available on this site to meet the needs of its users. These sites are identified in the site by site table above.

Table 3.14: Mini 7v7 Analysis for ALL AVAILABLE SITES – All Data in Match Equivalent Sessions (MES)

Mini 7v7 Analysis Area	Actual spare capacity	Total overplay	Current position	Unmet/ latent demand	Displaced demand	Future Demand	Future position
Central	14	-3.5	10.5	0	0	2.26	8.24
East	34.5	0	34.5	3.25	2.5	1.88	26.87
North	27	-1.5	25.5	0	2.5	2.28	20.72
South	4	-5.5	-1.5	1	0	1.77	-4.27
West	26.5	-2.5	24	0	0	2.13	21.87
Milton Keynes (Study Area)	106	-13	93	4.25	5	10.32	73.43

- 3.12.15 The analysis presented in Table 3.14 illustrates that for mini 7v7 pitch provision there is a large level of spare capacity of 93 MES across the study area. There is only one sub area which is operating at a deficit and this is located in the South, with a deficit of 1.5 MES. Despite this, the other sub areas offset this deficit due to the large level of spare capacity present, particularly in the East sub area which has a surplus of 34.5 MES.
- 3.12.16 Where there is spare capacity in larger pitch sizes, shortfalls in mini 7v7 can be met by reallocating pitches space for 7v7, or by allowing pitch space to be used flexibly through overmarking and mobile goal posts. This can address the issues of deficit for this pitch typology in the sub area of South.

Table 3.15: Mini 5v5 Analysis for ALL AVAILABLE SITES – All data in Match Equivalent Sessions (MES)

Mini 5v5 Analysis Area	Actual spare capacity	Total overplay	Current position	Unmet/ latent demand	Displaced demand	Future Demand	Future position
Central	25.5	0	25.5	0	0	1.57	23.9
East	13	-6	7	2	3	1.28	0.7
North	27	-4.5	22.5	1	1	1.65	18.8
South	8	-4	4	1	0	1.26	1.7
West	15.5	-0.5	15	0	0	1.56	13.4
Milton Keynes (Study Area)	89	-15	74	4	4	7.34	58.7

3.12.17 Mini 5v5 pitches are currently operating below capacity, by the equivalent of 74 MES. Of the 5 sub areas, the Central sub area has the largest level of spare capacity, with a surplus of 25.5 MES. The Northern sub area (+22.5 MES), West (+15 MES), East (+7 MES) and South (+4 MES), all operating under capacity for 5v5 football.

3.13 Football Summary

3.13.1 This section summarises the findings from the football analysis, which will form the basis of the recommendation and action plan section for Milton Keynes.

3.13.2 Table 3.16 includes the response to 5 key questions which are identified in the Sport England PPS Guidance Checklists. Using these key questions to summarise the findings of each of the sport chapter creates consistency, not only within the report but with similar PPS projects in neighbouring local authorities and further afield.

Table 3.16: Key PPS Findings for Football in Milton Keynes

Key Question	Analysis
What are the main characteristics of the current supply and demand for provision?	<p>The quality of football grass pitch provision across the Study Area is 'standard' with 86% of the 225 grass pitches rated as 'standard'. This appears to have stayed at a consistent level over the past years. 6% of the total grass football pitches were rated as 'good', whilst only 8% of pitches were rated as 'poor'. It should be noted that many of the pitches that are rated as standard are seen to be on the lower end of the scale.</p> <p>The level of demand has also stayed at a relatively consistent level, with major clubs continuing to grow, offset by the contraction of demand for smaller affiliated adult's teams. The demand for football facilities is dominated by the West and East sub-areas, which is home to the majority of the large clubs, as well as a number of the strategic football sites.</p>
Is there enough accessible and secured community use provision to meet current demand?	<p>The current supply and demand analysis for pitch provision available to the community shows a significant level of spare capacity of 292 MES across the Study Area. This is broken down as follows;</p> <ul style="list-style-type: none"> - Adult 11v11: +107 MES - Youth 11v11: 0 MES - Youth 9v9: +18 MES - Mini 7v7: +93 MES - Mini 5v5: +74 MES <p>The current provision of grass pitches is able to accommodate the current level of demand for adult, youth and mini football in the study area. The only pitch typology that is not operating at a surplus is in youth 11v11 provision, and instead this pitch typology is operating at capacity in the current position. The reasoning behind this pitch typology being at capacity is due to the lack of pitches, combined with a high level of demand from these age groups. Much of this demand will in fact take place on adult 11v11 pitches. The adult 11v11 pitches can be re-configured to accommodate the higher level of youth demand; however, the current surplus of adult 11v11 pitches is able to offset a large proportion of youth demand.</p> <p>It should be noted that the analysis shown in this chapter focused on the supply of all available sites; however, Milton Keynes has a large level of football pitches that are deemed to be unsecured for community use. This means that this supply could be removed at any point in the near future. The scenario section found in Stage D of this strategy takes the analysis further and looks at the situation in which all unsecured provision is removed from the supply.</p>
Is the provision that is accessible of sufficient quality and appropriately maintained?	<p>While several clubs have identified issues with drainage and maintenance, the overall quality of facilities and the robustness of maintenance regimes is standard. There are a small number of poor-quality sites, however these are typically local authority sites that are owned and maintained by the external contractors and have limited or no formal football demand. Football pitches in the Study Area were assessed, in line with Sport England PPS guidance (non-technical assessments). It shows that most pitches across the Study Area are rated as Standard quality (86%), with an evident lack of Good quality pitches (6%). There is a low level of Poor pitches (8%) within Milton Keynes.</p>
What are the main characteristics of the future supply and demand for provision?	<p>When considering the future position for all available grass pitch provision, there remains a large level of spare capacity for adult 11v11 provision (81.5 MES), as well as in the youth 9v9 provision (73.43 MES) and also the Mini 5v5 provision (58.7 MES). This shows that there is a level of supply which is able to accommodate future demand growth in the area for these pitch typologies. Despite this, when incorporating the future demand projections, there is expected to become a deficit in youth provision.</p> <p>The largest amount of deficit present, when considering future supply and demand, is on the Youth 11v11 typology. When referencing this pitch type, there are deficits presents across all sub areas in Milton Keynes. There are deficits on a sub area level when considering Youth 9v9 (4 subareas) and Mini Soccer 7v7 (1 subarea).</p> <p>The following sites have been earmarked for development in the study area:</p> <ul style="list-style-type: none"> - Fairfields Sports Ground - 1x full sized 3G AGP, 4x grass pitches and a new changing pavilion (August 2021).

Key Question	Analysis
	<ul style="list-style-type: none"> - Tattenhoe Park Community Hub - New changing rooms for the existing football pitches (March 2021). - Wavendon Pavilion and Playing Fields - 4x grass pitches and a new community pavilion with changing rooms (June 2022). - Whitehouse Sports Ground - 4x grass pitches
Is there enough accessible and secured community use provision to meet future demand?	Referencing the question above, it can therefore be proven that there is not enough community accessible sites to meet the future demand within Milton Keynes. This is the case for all pitch typologies except for Adult 11v11 and Mini Soccer 5v5, where current provision is suitable to meet future demands.

SECTION 4: CRICKET ANALYSIS



4 Cricket

4.1.1 This section of the report focusses on the supply and demand for cricket pitches in Milton Keynes.

4.1.2 The baseline supply and demand data that informs this section was collected in July 2019.

Inspiring Generations

4.1.3 The ECB has launched its new strategy for the game, Inspiring Generations. Covering the years 2020-2024 the strategy has 6 core priorities:

- **Grow and nurture the core:** ensure that there is a thriving county network at the heart of the domestic game
- **Inspire through elite teams:** create and celebrate the heroes at the pinnacle of the elite game
- **Make cricket accessible:** give more people the opportunity to engage with cricket more often
- **Engage children and young people:** inspire a new generation of players and fans to develop a love for cricket
- **Transform women's and girls' cricket:** drive cricket's progress to becoming a truly gender-neutral sport
- **Support our communities:** use our purpose to connect communities and improve lives more broadly across society

4.1.4 The below represents selected key activities the ECB's new strategy will be focusing on in order to deliver the 6 core priorities listed above:

- Investing in club facilities
- Installing non-traditional playing facilities in urban areas
- Doubling cricket participation at Primary Schools
- Increasing women's and girls' cricket by investing in facilities and delivering a secondary school programme
- Increase participation in disability cricket

4.1.5 The ECB are looking to work with local authorities to develop fit-for-purpose facility and participation plans that will engage with local residents and ensure residents are provided with the right facilities to help them play the game.

4.1.6 It is key that this PPS recognises the opportunity made available by the ECB's strategic investment and activity and provides a framework that allows stakeholders to work together and deliver against the key objectives. It's also vital that any facility development for cricket takes the objectives of the strategy into consideration, namely the growth of entry level cricket, women and girls' cricket, T20 and engagement of previously hard-to-reach demographics groups.

4.1 Development Priorities

All Stars Cricket (2017)

- 4.1.1 Launched in 2017, All Stars Cricket is an ECB initiative that provides children aged five to eight with an introduction to cricket, focusing on parental engagement in supporting the newly trained All Stars Cricket Activators, as well as having a special focus on establishing women's softball and cricket events. All Stars cricket sessions are predominantly hosted by community clubs and their volunteer members. Sessions typically take place on Sunday mornings.

Female Participation

- 4.1.2 In consultation with the ECB, it has been identified that the development of female cricket is likely to have an impact on supply and demand in the area. Women's and girls' cricket is a national priority and there is a target to establish two girls' and one women's team in every local authority over the next five years.
- 4.1.3 Softball cricket is an ECB initiative aimed at women and girls to increase participation in cricket as a sport. The aim of softball cricket sections are enjoyment and participation; without pads, a hardball, a heavy bat and limited rules. Sessions follow a festival format with each session running for a maximum of two and half hours, shorter than traditional formats.

4.2 Consultation Overview

- 4.2.1 In addition to the structure and guidance provided by the ECB, local cricket in Milton Keynes is governed by the Buckinghamshire Cricket Board (BCB). The organisation has been consulted as part of the PPS process, with key priorities and facility development needs for Milton Keynes highlighted below.

"Milton Keynes, in terms of cricket, is an area of huge potential growth. It has a population of almost ¼ of a million (as of 2011) and it only has 32 clubs a number of which are nomad teams or adult only Sunday league teams. Within those 32 clubs there are only 8 clubs that have well established junior sections. Only one club has a fully-fledged women's side and so the potential for growth in the area is huge.

It also has a large south Asian and BAME community which is another priority area for the ECB. A number of clubs have been formed within the community and are starting to expand the member base. Assisting these clubs and potential creating more is a priority for Buckinghamshire Cricket.

Should the decline of pitches in Milton Keynes continue then the hope of developing the game in the area will also diminish. It is obvious that to develop the game and accommodate the number of clubs that Milton Keynes could produce sufficient and good quality playing facilities need to be provided. Without these increasing participation in cricket in Milton Keynes will be made that much harder. In fact, instead of increasing participation there is a big risk that clubs will fold, therefore having the opposite effect."

Club Consultation

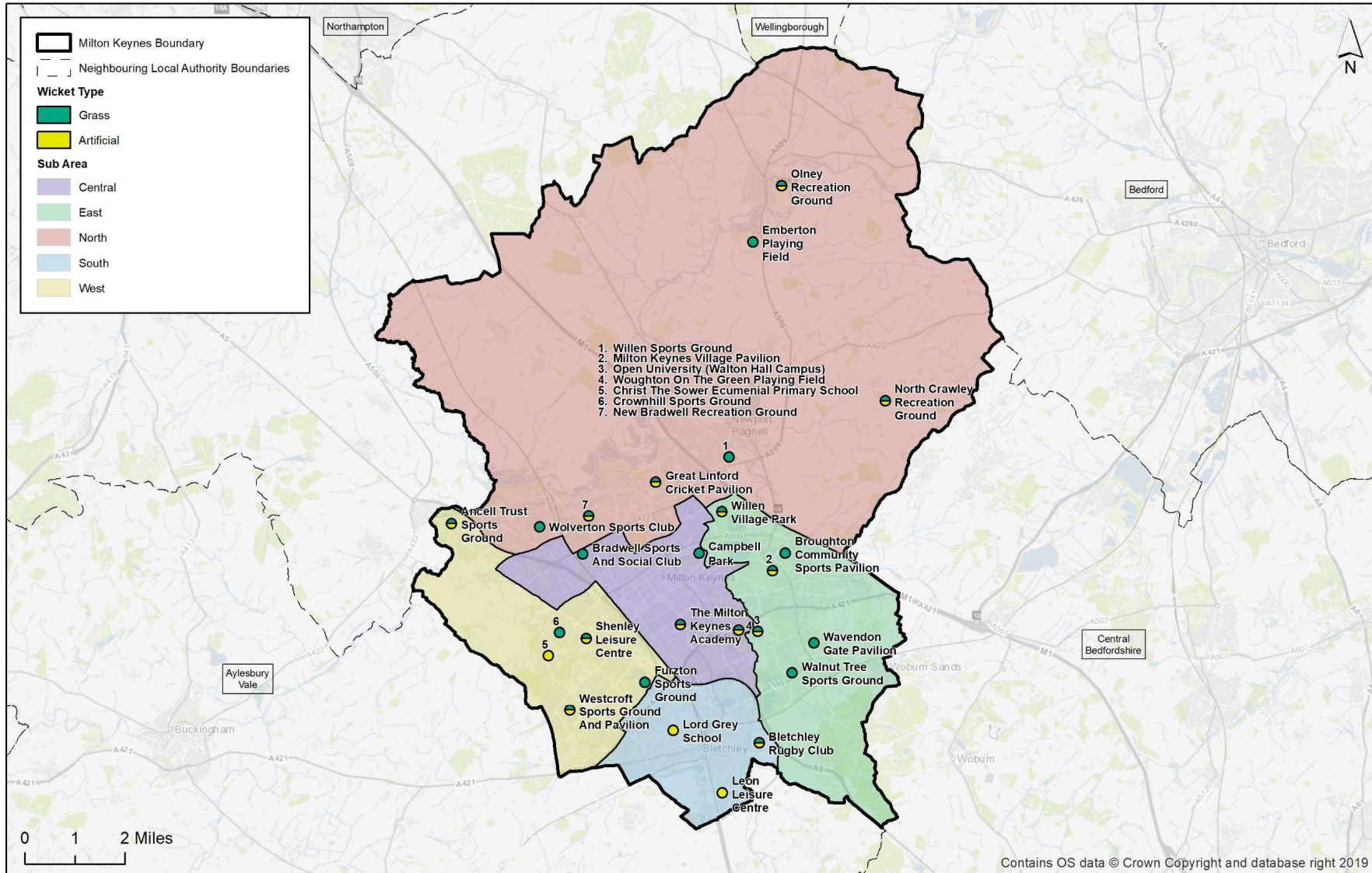
- 4.2.2 As part of the PPS process we gathered data from clubs regarding any issues that they had at present along with what they believe to be the key issues within Milton Keynes, in terms of cricket provision. 26 of the 39 (66%) cricket clubs present in Milton Keynes responded to the consultation.
- 4.2.3 General issues across the Study area were identified as;

- Generally, the quality of grass wickets is good, with clubs heavily reliant on the dedication and expertise of volunteers to keep these wickets to an acceptable level.
- On local authority owned sites, there are issues with vandalism and anti-social behaviour, with particular reference to the ancillary facilities.
- On local authority owned sites, there are issues regarding a lack of suitable maintenance and renovation works, leading to a reduction in site quality.
- With reduced condition of grass pitch provision, there is a large amount of clubs with Milton Keynes that require investment into more suitable training provision, artificial or indoor.
- An ageing pavilion / ancillary stock has been highlighted as an issue across a number of clubs.

4.3 Supply

- 4.3.1 Milton Keynes has a total of 28 cricket pitches, 233 grass wickets and 17 non-turf pitches (NTPs) all across 26 separate sites (non-turf pitches are single wickets with a synthetic grass surface laid on top of a stone aggregate or concrete base).
- 4.3.2 Table 4.1 below, shows how this supply of pitches (regardless of community accessibility), distributed across the study area. Figure 4.1 below also shows the spatial distribution of available pitches across the Study Area.

Figure 4.1: Cricket Supply in Milton Keynes



Tenure and Management

4.3.3 Table 4.2 below shows the breakdown of sites by ownership and management ‘types’.

Table 4.2: Ownership and Management of Cricket sites in Milton Keynes.

Sub-category	Ownership	Management
Charity, Trust	1	3
Club	2	6
Commercial Management	0	3
Education	3	3
Local Authority	17	8
Private	2	2

4.3.4 Table 4.2 shows that the ownership type controlling the greatest proportion of pitches is the Local Authority. However, clubs, charities, and parish council’s also control a significant number of cricket sites and these ownership types are associated with greater levels of security and control for any community cricket clubs using them.

4.3.5 The above point can be seen to translate across to the management type section of table 4.2, as 6 sports clubs are known to manage sites, with a further 3 Charity/Trusts managing their sites also.

4.3.6 During consultation with clubs/sites, there were not extensive issues raised with regards to current ownership and management.

Quality Assessment

4.3.7 Each site was visited and assessed by the 4global research team (in July 2019) using a non-technical assessment framework provided by the ECB. The assessment considers the quality of playing surface, the quality of changing rooms and the score of the maintenance regime when compared to ECB recommendations. In addition to the site visits, the club consultation was used to validate the quality ratings. Each site is rated as GOOD (≥80%), STANDARD (between 60% and 80%) or POOR (<60%).

4.3.8 It should be noted that Poor quality grass wickets or NTPs are not considered to have any carrying capacity. Good quality grass wickets are considered to be able to host 5 matches per season whereas Standard quality pitches can host up to 4. NTPs of any quality rating above Poor are considered to be able to host 60 matches per season.

4.3.9 Table 4.3 summarises the quality assessment results and presents the average rating for community accessible sites in each sub area. Full details of the subsequent carrying capacity allocations of each site by pitch type. Given the ratings, the overall standard of provision across Milton Keynes can be said to be 78.89% (Standard).

Table 4.3: Summary of Cricket Pitch Scoring in Milton Keynes

Facility Element	Outfield
Outfield	79.88%
Non Turf Wickets	73.65%
Grass Wickets	83.05%
Cricket Nets	70.83%

Facility Element	Outfield
Cricket Pavilion	72.00%

- 4.3.10 Table 4.3 illustrates that the grass wicket element is the highest quality of provision, scoring over 83% as an average quality score.
- 4.3.11 In contrast, the cricket net element had an average facility score of just above 70%, closely followed by pavilions and non turf wickets.
- 4.3.12 Table 4.4 below shows the breakdown of each site with the quality and quantity of supply broken down by each pitch. It should be noted the table uses the abbreviation NTPs (which refers to non-turf pitches). The table below presents all cricket provision in the study area; only 1 of the 26 sites presented below is not available for community use.
- 4.3.13 The table shows that across the 25 sites, there are a total of 27 cricket squares, 233 grass wickets and 16 non-turf pitches. The site with the largest provision of grass wickets in the study area is Manor Field Sports Ground, with 22 grass wickets.
- 4.3.14 The site has been highlighted in grey, that is not available for community use.

Table 4.4: Cricket Site Breakdown in Milton Keynes

Name	Squares	Wickets (Grass)	Wickets (artificial)	Supply: Grass-Artificial
Ancell Trust Sports Grounds	1	12	1	60-60
Bradwell Sports and Social Club	1	7	0	35-0
Broughton Community Sports Pavilion	1	6	0	24-0
Campbell Park	1	11	0	105-0
Crownhill Sports Ground	1	12	0	48-0
Emberton Playing Field	1	9	0	45-0
Great Linford Cricket Pavillion	1	12	1	60-60
Furzton Sports Ground	1	8	0	32-0
Leon Leisure Centre	1	0	1	0-60
Lord Grey School	1	0	1	0-60
Manor Field Sports Ground	2	22	1	88-60
Milton Keynes Village Pavilion	1	7	1	35-60
New Bradwell Recreation Ground	1	12	1	60-60
North Crawley Recreation Ground	1	8	1	40-60
The Milton Keynes Academy	1	6	1	24-60
The Open University Kent Hill	1	12	1	60-60
Olney Recreation Ground	1	6	1	30-60
The Pavilion at Woughton On The Green	2	20	2	90-60
Shenley Leisure Centre	1	8	1	32-60
Walnut Tree Sports Ground	1	12	0	48-0
Wavendon Gate Pavilion	1	7	0	28-0
Westcroft Sports Ground	1	4	1	15-0

Name	Squares	Wickets (Grass)	Wickets (artificial)	Supply: Grass-Artificial
Willen Sports Ground	1	10	0	40-0
Willen Village Park	1	9	1	36-60
Wolverton Sports Club	1	13	0	65-0

4.4 Planned Developments

4.4.1 The following section summarises the expected developments for football provision in the study area and presents the new provision that is expected on site. An expected completion date has been provided in brackets.

4.4.2 The following site(s) have been earmarked for development in the study area:

- Whitehouse Sports Ground - 1x cricket pitch and a new changing pavilion (August 2021).

4.5 Current Demand

Club and Team Profile

4.5.1 To understand how cricket is played across Milton Keynes and the trends for demand across the game, this section assesses consultation responses from all clubs in the study area that responded to requests to take part in the study (this research was undertaken in 2019). Through the demand consultations with clubs, 27 clubs fielding 96 teams have been identified as playing in Milton Keynes. The total number of teams produced by each club is stated along with their home ground and associated sub area.

Table 4.5: Cricket Club Profiles for Clubs in Milton Keynes

Club	Home Ground	No. Of Competitive Teams				Total
		Senior Men	Senior Women	Juniors Boys/Mixed	Junior Girls	
Bletchley Town Cc	Manor Field Sports Ground	3	0	2	0	5
Great Brickhill CC	Great Brickhill Cricket Club *	6	0	5	0	11
M K Azad Cricket Club	Willen Sports Ground	1	0	0	0	1
Milton Keynes CC	Milton Keynes Village Pavilion	2	0	2	0	4
Milton Keynes City CC	The Pavilion At Woughton On The Green	1	0	0	0	1
Mk Air CC	Furzton Sports Ground	3	0	2	0	5
Mk Badshahs CC	Bradwell Sports And Social Club	2	0	0	0	2
Mk Stallions CC	Crownhill Sports Ground	2	0	0	0	2
Mk Superkings CC	Wingrave Park	2	0	0	0	2
Mk Tigers CC	Club No Longer Identified As Active	-	-	-	-	-
Mk Warriors CC	Broughton Pavillion	2	0	0	0	2
New Bradwell CC	New Bradwell Recreation Ground	5	0	0	0	5
New City CC	Great Linford Cricket Pavillion	2	0	0	0	2
Newport Pagnell CC	Willen Sports Ground	2	0	0	0	2
North Crawley CC	North Crawley Recreation Ground	3	0	3	0	6
Old Bradwell CC	Bradwell Sports And Social Club	2	0	0	0	2
Old Town CC	Club No Longer Identified As Active	-	-	-	-	-
Open University CC	The Open University Kent Hill	2	0	0	0	2
Printers CC	Marsh Drive Sport Ground	2	0	0	0	2
Santander CC	Santander House, Mk91an	2	0	0	0	2
Shenley Church End CC	Bletchley Rugby Club	2	0	0	0	2
Spartans Cricket Club	Willen Village Park	1	0	0	0	1
Stony Stratford CC	Ancell Trust Sports Ground	6	1	8	2	17

Club	Home Ground	No. Of Competitive Teams				Total
		Senior Men	Senior Women	Juniors Boys/Mixed	Junior Girls	
Wendover CC	Witchell Pavilion*	2	0	8	0	10
West Oxley Kings CC	Westcroft Sports Ground	3	0	0	0	3
Westcroft CC	Westcroft Sports Ground Willen Sports Ground The Pavilion At Woughton On The Green	3	0	0	0	3
Wolverton Town CC	Wolverton Sports Club Willen Village Park	5	0	0	0	5

4.5.2 Table 4.5 shows that Senior Male teams make up 68% demand within Milton Keynes. There is only one senior women's side present, at Stony Stratford CC. There are only 2 female junior sides, based at Stony Stratford also. Junior boys demand makes up 28% of the total.

4.6 Future Demand

Demand Driven by Population Growth

- 4.6.1 To calculate the future demand for cricket in the study area, the study has utilised Sport England’s Playing Pitch Calculator (PPC)⁵. The PPC uses the following factors to determine future provision need; existing population; the number of teams in each age category; the peak-time distribution of demand; the growth trends for each age/gender group; and, the projected change in participation rate.
- 4.6.2 Full guidance regarding the methodology behind the calculator is available via the Sport England tool Active Places Power⁶ (authorisation may be required to access this tool). Please note that the future additional need for pitches indicated below is on the assumption that all future demand generated will be required to be met by additional (new) pitches. In reality it may be that this could be met by the existing pitch stock (this will be tested below).

Table 4.6: Sport England Cricket Provision in Milton Keynes (Team Generation Rates)

DATA INPUT				PPC OUTPUT			
Current Population	268,607						
Projected Growth	+30,797						
Projected Future Popn.	299,404						

Age / Gender Group	Current				Future ADDITIONAL need		
	Population of Group	Number of teams	% of participation in the peak period*	% change in participation	Number of <u>teams</u> generated by the new population PLUS any change in demand	Additional match equivalent sessions per season (meps)	Additional meps by pitch type
Cricket Open Age Men’s (18-55yrs)	68,550	65	100%	0%	7.34	73.38	101.13
Cricket Open Age Women’s (18-55yrs)	68,748	1	100%	100%	0.23	1.15	
Cricket Junior Boys (7-18yrs)	22,390	27	100%	0%	3.10	24.77	
Cricket Junior Girls (7-18yrs)	21,425	2	100%	100%	0.46	1.83	

⁵ <https://www.activeplacespower.com/reports/playing-pitch-calculator>

⁶ <https://www.activeplacespower.com/reports/playing-pitch-calculator/download>

- 4.6.3 Table 4.6 above illustrates that the population projection in Milton Keynes is to lead to an increase in demand for Cricket, with an additional 10 teams (rounded down) expected across the study area. This figure has been rounded down as projected team numbers in each category are not sufficient to be rounded up (i.e. none of them are 0.5 or above).
- 4.6.4 Utilising the current demand for cricket in each of the sub areas and how each of the sub areas is projected to grow over the lifetime of the strategy, an estimation of how the growth of demand is likely to be allocated across the eight sub areas is summarised in table 4.7 below.
- 4.6.5 The table shows that nearly all of the projected growth is expected to be raised in the sub area of the West and Central will show the largest increase in match equivalents for men and junior boys.

Table 4.7: Projected Increase in Cricket Demand in MEPS by Pitch Type in Milton Keynes by Sub Area

Age Groups	Central	East	North	South	West	Total
Men's (18-55yrs)	16.11	11.62	17.64	11.58	16.43	73.38
Women's (18-55yrs)	0.21	0.18	0.29	0.17	0.29	1.15
Junior Boys (7-18yrs)	5.42	3.97	5.56	3.96	5.86	24.77
Junior Girls (7-18yrs)	0.40	0.30	0.44	0.27	0.42	1.83
Total	22.14	16.07	23.93	15.99	23.00	101.13

- 4.6.6 It is important to note that the TGR and future growth calculation assumes that clubs, the councils and the local ECB development officers do not improve their marketing or participation schemes over the period and are, therefore, no more successful than they are now in attracting new players to participate in football in the study area. In reality, it is expected that there will be improved channels of digital communication and improved maintenance technology, as well as higher quality ancillary provision and the success of ECB strategies and programming will combine to produce more demand than is projected here.
- 4.6.7 It should be noted however, that the projections provided by the Playing Pitch Calculator are somewhat out of line with what the ECB predict growth to be, with particular reference to women and girls cricket. The ECB expect a 300% growth in the number women's teams and a 900% increase in the number of girls teams by the end of the study period. This projected increase will be explored as a scenario at stage d of this project.

Demand Driven by Unmet Demand

- 4.6.8 Unmet demand is demand that is known to exist but unable to be accommodated on current supply of pitches. This could be in the form of a team with access to a pitch for matches but nowhere to train or vice versa. No clubs in Milton Keynes have identified any unmet demand.

Demand Driven by Latent Demand

- 4.6.9 While a large amount of future demand will be driven by population growth, it is also likely that clubs and operators are successful in converting latent demand. Latent demand is defined as demand that

evidence suggests may be generated from the current population should they have access to more or better provision.

- 4.6.10 The table below identifies all clubs that identified latent demand (not currently active). For a full definition please see the glossary chapter of the report, below. Again, no latent demand has been identified within cricket clubs in Milton Keynes.
- 4.6.11 It is important to note that both unmet and latent demand should be treated with an element of caution, as the source of information is club consultations. In some instances, clubs may not have considered the governance and infrastructure requirements, associated with ongoing club growth. As a result, there may be instances where actual growth does not meet the projections identified during consultation.
- 4.6.12 The TGR and latent/unmet demand modelling did not project any additional women and girls' cricket, nor does it model increased future demand created by ECB initiatives such as All Stars. With this in mind it would be useful to model a scenario of increased projected demand to model its impact and stress-test the existing provision. This will help to indicate if there is sufficient provision to meet the level of demand the ECB aspires to produce in Milton Keynes.

Imported / Exported Demand and Displaced Demand

- 4.6.13 Through consultation with clubs, located both inside and outside of the study area, no imported or exported demand was explicitly reported by any of the cricket clubs.

4.7 Supply and Demand Balance

- 4.7.1 This section presents the supply and demand balance findings for cricket provision (both for current and future analysis) for the study, split by sub area.
- 4.7.2 Table 4.9 below provides a supply and demand analysis for all cricket sites across the study area.

Spare Capacity and Overplay

- 4.7.3 Overplay occurs when a cricket square is played on a greater amount than is recommended by the pitch's carrying capacity. If a good quality square has 8 good quality wickets, then this provides an overall carrying capacity of 40 matches per season for that square. If, however, demand consultation indicates that there are 50 matches being played on that square over the course of a season, then that square (pitch) can be said to be overplayed.
- 4.7.4 There are a number of reasons for a pitch being overplayed, such as lack of alternative provision, poor site management, or a discrepancy in pitch rates, making some more affordable than others.
- 4.7.5 Spare capacity is the opposite of overplay and occurs when demand at a site is less than the theoretical carrying capacity over a season.
- 4.7.6 It is important that any overplay of pitches is considered as part of the overall supply and demand analysis, therefore Table 5.9 overleaf identifies overplay or spare capacity at all sites.
- 4.7.7 Cricket has two different types of playing surface, grass wickets, which can accommodate between 4-5 matches per seasons (depending on the quality of their maintenance) and NTPs (non-turf pitches). The key difference when considering carrying capacity for these two different types of pitch is that, although grass wickets deteriorate faster, they are considered the preferred surface for most formal adult cricket formats. Many cricket leagues will not allow matches to be played on NTPs and even where this is permitted, it is typically at a lower standard.

- 4.7.8 NTPs, although not necessarily a preferred surface, are understood to have some advantages over grass wickets at junior levels, especially at younger age groups. This is because they can provide a higher, more consistent bounce and do not have to be heavily prepared prior to a match (unlike grass wickets). NTP pitches are calculated as producing 60 matches of capacity per season provided they are of good or standard quality.
- 4.7.9 With the above in mind, Table 4.8 below models all adult demand against grass wicket capacity, all junior demand against NTP capacity and also provides a final overall capacity figure. This is to allow the analysis to clearly demonstrate where sites are being overplayed on grass wickets but retain spare capacity for junior demand on NTPs.

Table 4.9: Capacity Balance Analysis for Available Cricket Sites in Milton Keynes.

Name	Squares	Grass wickets vs Adult Demand				NTP vs Junior Demand			
		Wickets (Grass)	Capacity	Demand	Balance	Wickets (artificial)	Capacity	Demand	Balance
Ancell Trust Sports Grounds	1	12	60	70	-10	1	60	80	-20
Bradwell Sports And Social Club	1	7	35	40	-5	0	0	40	-40
Broughton Community Sports Pavilion	1	6	0	20	-20	0	0	20	-20
Campbell Park	1	11	105	20	85	0	0	0	0
Crownhill Sports Ground	1	12	48	20	28	0	0	0	0
Emberton Playing Field	1	9	45	0	45	0	0	0	0
Great Linford Cricket Pavillion	1	12	60	20	40	1	60	0	60
Furzton Sports Ground	1	8	32	30	2	0	0	16	-16
Leon Leisure Centre	1	0	0	0	0	1	60	0	60
Lord Grey School	1	0	0	0	0	1	60	0	60
Manor Field Sports Ground	2	22	88	50	38	1	60	16	44
Marsh Drive Sport Ground	2	14	70	20	50	2	120	0	120
Milton Keynes Village Pavilion	1	7	35	20	15	1	60	16	44
New Bradwell Recreation Ground	1	12	60	50	10	1	60	0	60
North Crawley Recreation Ground	1	8	40	30	10	1	60	0	60
Olney Recreation Ground	1	6	30	0	30	1	60	0	60
The Milton Keynes Academy	1	6	24	0	24	1	60	0	60
The Open University Kent Hill	1	12	60	20	40	1	60	0	60
The Pavilion At Woughton On The Green	2	20	90	60	30	1	60	0	60
Shenley Leisure Centre	1	8	32	0	32	1	60	0	60
Walnut Tree Sports Ground	1	12	0	30	-30	0	0	0	0
Wavendon Gate Pavilion	1	7	28	0	28	0	0	0	0
Westcroft Sports Ground	1	4	15	60	-45	1	60	0	60

Name	Squares	Grass wickets vs Adult Demand				NTP vs Junior Demand			
		Wickets (Grass)	Capacity	Demand	Balance	Wickets (artificial)	Capacity	Demand	Balance
Willen Sports Ground	1	10	40	30	10	0	0	0	0
Willen Village Park	1	9	36	10	26	1	60	0	60
Wolverton Sports Club	1	13	65	50	15	0	0	0	0

4.7.10 The table above shows that 5 sites are seen to have overplay on their grass wicket provision. These sites include; Ancell Trust Sports Ground, Bradwell Sports and Social Club, Broughton Community Sports Pavilion, Walnut Tree Sports Ground and Westcroft Sports Ground.

4.7.11 Ancell Trust Sports Ground, Bradwell Sports and Social Club, Broughton Community Sports Pavillion and Furzton Sports Ground are recorded as not having any capacity on its NTP through large amounts of formal junior demand.

4.8 Site by Site Summary

- 4.8.1 To ensure that the PPS can be seen as a robust evidence base, the site-by-site assessment below includes all cricket site that have been included within the study. This table serves to summarise the key parts of the PPS assessment that have been identified so far within this sport specific section.
- 4.8.2 In addition to the data gathered above, this table also shows the spare peak-time capacity of each site. This is shown across 3 peak periods, Saturday, Sunday and midweek. Peak-time capacity is measured in match slots. Each pitch is considered to have 1 match slot available on Saturdays and Sundays and 5 slots available during the midweek period. Each team playing at a site is considered to demand 0.5 match slots per week (to account for playing at home and away over alternate weeks). This means that a club with 1 square on site and a first and second team playing alternate home and away fixtures on Saturdays would be 'At Capacity' for this peak time period (1 match slot of supply minus (2x 0.5) match slots of demand equals zero). This is summarised in table 4.9 below.

Table 4.9: Site by Site Summary for Cricket Provision in Milton Keynes

Name	Community use on site	Security of Community Use	Ownership	Adult Balance	Junior Balance	Capacity in Peak Period			Site Summary
Ancell Trust Sports Grounds	Available	Secure	Local Authority	-10	-20	Sat: No capacity in the peak period	Sun: No capacity in the peak period	Midweek: Spare capacity in the peak period	Ancell Trust Sports Ground is home to a good overall standard of provision, with grass, non turf and 4 high quality artificial nets present. The site is home to Stony Stratford CC, and their 17 sides. The club lease the site from the Ancell Trust, and deem provision to be of good quality. The club have identified that funding is required to improve ancillary facilities such as Bar, Toilets and Disabled Access. The club have also been subject to anti-social behaviour and attempted break-ins, so preventing these issues are a further development priority for the site.
Manor Field Sports Ground	Available	Secured	Local Authority	38	44	Sat: No capacity in the peak period	Sun: No capacity in the peak period	Midweek: Spare capacity in the peak period	There are two cricket squares present on site which are considered to be of a standard quality. There are also 2 very poor quality nets available on site.
Bradwell Sports And Social Club	Available	Secured	Local Authority	-5	-40	Sat: No capacity in the peak period	Sun: No capacity in the peak period	Midweek: Spare capacity in the peak period	The site is of good quality throughout, and is owned and managed by the Parish council. The pitch was in relatively good condition and had AGPs adjacent to it. The site is home to New Bradwell cricket club and they run 2 Saturday teams who both play in the Four Counties Cricket League and 2 Sunday teams of which 1 plays in the Greene King Bedfordshire County Cricket League. They also run a

Name	Community use on site	Security of Community Use	Ownership	Adult Balance	Junior Balance	Capacity in Peak Period			Site Summary
									midweek team which plays in the Milton Keynes Midweek League. In terms of development priorities, these are focused around preventing issues of fouling on site, as well as accessing indoor training provision.
Broughton Community Sports Pavilion	Available	Unsecured	Local Authority	-20	-20	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	The site is home to MK Warriors CC. The site is owned and managed by the local authority. Provision on site is seen as Standard, with the lowest scoring element being the artificial net provision. The site has been identified by the ECB/BCB as being rarely maintained, leading to the provision becoming dangerous to play one. Significant improvements are required.
Campbell Park	Available	Secured	Local Authority	85	0	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	Campbell park represents an excellent facility within Milton Keynes. Through consultation with clubs in the area, there are 2 sides from Stony Stratford Cricket Club. No further development have been identified from consultation
Crownhill Sports Ground	Available	Secured	Local Authority	28	0	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	Facility is managed by InspireAll and has external contractors for maintenance. There is one standard cricket pitch present on site, that is home to MK Stallions Cricket Club. The club have been playing at Crownhill cricket ground for the last 3 years. The club have suggested that due to the facilities being managed by inspire all and the club hire through them, they are not in a position to do any pitch developments. The club would also like to have access to indoor provision, mainly due to unavailability of indoor nets facilities in Milton Keynes during our desired time slots. The club would like a good standard home pitch. When playing at Crownhill ground, the square is not maintained up to the standard. Many away teams has not been happy with how the pitch has behaved. As the team is moving up the divisions, the club will need facilities such as sight screens and pitch covers, which are currently not on site. The main issue for the club is the square, the pitch is not rolled on most of the weekends. Top of the surface keeps crumbling and contributes to uneven bounce. The club would also like investment into netting to prevent balls going into the bushes also.

Name	Community use on site	Security of Community Use	Ownership	Adult Balance	Junior Balance	Capacity in Peak Period			Site Summary
						Sat: Spare capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	
Emberton Playing Field	Available	Secured	Charity, Trust	25	0	Sat: Spare capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	No demand has been identified on the one good pitch present on site. Through consultation with the site, no further development priorities were found.
Great Linford Cricket Pavillion	Available	Secure	Local Authority	40	60	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one standard pitch present on site, with the lowest facility element being the ancillary provision present. New City Cricket Club are based on site, for their 2 adult sides. In terms of development priorities, the club would like to have a 2 lane built net facility as well as a form of ancillary provision to increase the quality of provision on match days. The club also have a desire to add netting to the perimeter of the site to prevent issues with ball strike.
Furzton Sports Ground	Available	Secured	Local Authority	2	-16	Sat: No capacity in the peak period	Sun: No capacity in the peak period	Midweek: Spare capacity in the peak period	The site is owned by the local authority and managed by InspireAll. The maintenance on site is carried out by an external contractor. The outfield is relatively well maintained. There are 8 strips on the pitch, and are relatively well maintained. The pitch as a whole is a good size, with some unevenness and significant evidence of graffiti and litter. Two bunkers are on the edge of the site, presumably for football, however these are also vandalised. In terms of the pitch users, MK Air CC, the club plan to add a girls team next year due to the interest that they received in the community. The club currently lack standard training facilities such as a built net facility with artificial wicket. The club would prefer to play at a ground which provides safer, cleaner and hygienic facilities as they have juniors playing and likely chance of girls and women joining the club.
Leon Leisure Centre	Not Available	Secured	Education	0	60	Sat: Spare capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	This site has been identified as not available for community use. No development priorities have been identified from consultation.
Lord Grey School	Not Available	Unsecured	Education	0	60	Sat: Spare capacity	Sun: Spare capacity	Midweek: Spare capacity in	This site has been identified as not available for community use. No development priorities have been identified from consultation.

Name	Community use on site	Security of Community Use	Ownership	Adult Balance	Junior Balance	Capacity in Peak Period			Site Summary
						in the peak period	in the peak period	the peak period	
Milton Keynes Village Pavilion	Available	Secured	Local Authority	15	44	Sat: No capacity in the peak period	Sun: No capacity in the peak period	Midweek: Spare capacity in the peak period	This local authority owned site has a good quality provision throughout. The site is home to Milton Keynes CC for their 2 senior sides. Through consultation with the site and club, no further development priorities have been identified.
New Bradwell Recreation Ground	Available	Secure	Club	10	60	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	The site is home to New Bradwell Cricket Club, for their 5 senior sides. In terms of development priorities for the club, it is revolved around increased access to Indoor winter training for all players. The club also require further car parking provision in order to meet an increase in demand. The club would also like to invest into building a new scoreboard.
North Crawley Recreation Ground	Available	Secured	Local Authority	10	60	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	The good quality site is home to North Crawley Cricket Club. The site helps to meet demand from their 3 senior sides and 3 junior sides. The cricket green is in excellent condition and the groundsman is on site every day. The outfield is mown once a week and the cricket square, every few days. There are nine strips including one ATP and two screens on the pitch boundary. There are also 2 high quality nets available on site. The parish council have recently put signs up which have successfully reduced the issue of dog fowling, in spite of the fact that the site is open. No further development priorities have been identified from club consultation.
Olney Recreation Ground	Available	Unsecured	Club	10	60	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one standard site present at Olney Recreation Ground. The site also has net provision on site. Following consultation with the site, no further development priorities were identified.
The Milton Keynes Academy	Not Available	Unsecured	Private	24	60	Sat: Spare capacity in the	Sun: Spare capacity in the	Midweek: Spare capacity in the peak period	This site has been identified as not available for community use. No development priorities have been identified from consultation.

Name	Community use on site	Security of Community Use	Ownership	Adult Balance	Junior Balance	Capacity in Peak Period			Site Summary
						peak period	peak period		
The Open University Kent Hill	Available	Secured	Club	40	60	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one high quality facility present at The Open University Kent Hill. The site also has one net facility that was deemed to be of a standard quality. The site is home to Open University CC for their 2 senior sides. Following consultation with the site, no further development priorities were identified.
The Pavilion At Woughton On The Green	Available	Secured	Local Authority	40	60	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	The Pavilion At Woughton On The Green represents a good quality facility within Milton Keynes. The site also has 2 standard quality nets on site for training. The site is home to Milton Keynes City Cricket Club for their one senior side. The site at Woughton on the Green has space for 3 or potentially 4 cricket pitches. There are currently 2 cricket squares which have 3 purpose built NTPs; however, 2 of them are not currently in use and require new matting.
Shenley Leisure Centre	Not Available	Unsecured	Local Authority	32	60	Sat: Spare capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	This site has been identified as not available for community use. No development priorities have been identified from consultation.
Walnut Tree Sports Ground	Available	Unsecured	Local Authority	-30	0	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one standard facility on site. In consultation with ECB/BCB, it is suggested that the site is vulnerable to vandalism and ant- social behaviour. The site is also not fit for purpose due to a lack of suitable maintenance regime on site. The clubs on site, such as Crown CC, are no effectively left homeless and requiring provision.
Wavendon Gate Pavilion	Available	Secured	Local Authority	28	0	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one standard facility on site. No community demand has been identified on site, and no further development priorities were established from consultation on site.
Westcroft Sports Ground	Available	Secured	Local Authority	-45	60	Sat: No capacity in the	Sun: Spare capacity in the	Midweek: Spare capacity in	There is one standard facility on site. The site is home to West Oxley Kings CC and Westcroft Cricket club. No further development priorities were established from consultation on site or with the resident clubs.

Name	Community use on site	Security of Community Use	Ownership	Adult Balance	Junior Balance	Capacity in Peak Period			Site Summary
						peak period	peak period	the peak period	
Willen Sports Ground	Available	Secured	Local Authority	10	0	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one standard facility on site. The site is used by MK Azad CC, Newport Pagnell CC and Westcroft CC. Through consultation with the club and site, no further development priorities have been identified.
Willen Village Park	Available	Secured	Local Authority	26	60	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one standard facility on site, that is home to Wolverton Town CC and Spartans CC. No development priorities were identified by the site or resident clubs.
Wolverton Sports Club	Available	Secured	Private	15	0	Sat: No capacity in the peak period	Sun: Spare capacity in the peak period	Midweek: Spare capacity in the peak period	There is one good facility on site, with excellent ancillary provision. The site is home to Wolverton Town Cricket Club, for their 5 senior sides. The club have experienced issues regarding an uneven, poorly prepared, pitch as well as the outfield grass being too long. Investment into the maintenance regime on site is crucial for their development. The club have recently invested in high quality net provision on site.

4.9 Current and Future Positions

- 4.9.1 Table 4.10 below, summarises all of the supply, capacity, current demand and future demand into one table, with the current and future positions presented by sub area. The current spare capacity and overplay figures have been derived from the 'Revised gross capacity' of each available site in table 4.9 (above).
- 4.9.2 It should be noted that for the future analysis, ECB guidance suggests that adult teams will play 10 home matches per season and junior teams 8 home matches per season. These figures have therefore been utilised to calculate the future demand for pitch provision.

Table 4.10: Cricket Supply and Demand in Milton Keynes (Grass Wickets Only)

Sub area	Current Picture			Projected Picture (2031)		
	Spare Capacity	Overplay	Actual Capacity Balance	Demand from Popn. Change	Latent/ Unmet Demand	Future Balance
Central	149	-5	144	22	0	122
East	85	-50	35	16	0	19
North	160	0	160	24	8	128
South	38	0	38	16	0	22
West	30	-55	-25	23	54	-102
Milton Keynes (Study Area)	462	-110	352	101	62	189

- 4.9.3 Table 4.10 above shows that when only including the supply provided by grass wickets, there is currently sufficient spare carrying capacity in the current position across all sub areas in Milton Keynes, with spare capacity of 352 MES. The sub area with the greatest amount of spare capacity is the North sub area, followed by the Central sub area, with spare capacity of 160 MES and 144 MES respectively.
- 4.9.4 Future projections indicate that the current spare capacity in Milton Keynes is expected to be reduced during the lifespan of the strategy, however there is sufficient overall capacity to satisfy future levels of demand, with a total level of spare capacity of 189 MES. Sub area analysis shows that the current spare capacity within the West sub-area is projected to be converted into a deficit by 2031, as a consequence of the large amount of new demand generated by population change and latent demand conversion.
- 4.9.5 It should be noted that although the capacity balance for cricket provision is showing a level of spare capacity in both the current and future positions, this includes supply provided by sites which are considered unsecured for community use. This means that this supply could be removed at any point in the

near future. The scenario section found in Stage D of this strategy takes the analysis further and looks at the situation in which all unsecured provision is removed from the supply.

4.9.6 Table 4.11 below provides the capacity balance for cricket provision in the study area with both grass wicket and NTP provision included.

Table 4.11: Cricket Supply and Demand in Milton Keynes (Including NTP's)

Sub area	Current Picture			Projected Picture (2031)		
	Spare Capacity	Overplay	Actual Capacity Balance	Demand from Popn. Change	Latent/ Unmet Demand	Future Balance
Central	329	-5	324	22	0	302
East	205	-50	155	16	0	139
North	400	0	400	24	8	368
South	98	0	98	16	0	82
West	95	0	95	23	54	18
Milton Keynes (Study Area)	1127	-55	1072	101	62	909

4.9.7 Table 4.13 above shows that when artificial wickets are added to the supply, it leads to an increase in the level of spare capacity within the study area in both the current and future positions. In the current position there is 1072 MES of spare capacity, with the North sub area showing the greatest level of spare capacity with 400 MES.

4.9.8 When considering the future demand growth for Cricket in Milton Keynes, this reduces the level of spare capacity to 909 MES. This analysis shows that Milton Keynes has a large level of provision of NTP's.

Peak Time Supply and Demand Analysis

- 4.9.9 In line with the 2013 Sport England PPS guidance, this study has considered the total supply and demand for facilities, measured in match equivalent sessions per season for cricket.
- 4.9.10 Table 4.12 above shows the amount of peak-time spare capacity across Saturdays, Sundays and during the mid-week period by site. Table 4.12 below summarises these peak-time figures above by sub area and compares with capacity with the projected number of teams expected to be projected by 2031. All additional adult men's demand will be placed on Saturdays, all adult women's demand will be placed on Sundays and all junior demand will be placed during the midweek period.
- 4.9.11 As stated above, all peak-time supply and demand is modelled in match slots. Each pitch produces 1 match slot on Saturdays and Sundays and 5 match slots during the midweek period. Teams are considered to produce demand of 0.5 (to account for playing at home and away on alternate weeks). Peak time analysis looks at a situation in which all demand is placed on a pitch/site at one time, assessing whether there is enough supply to accommodate all teams wanting to play at a 'peak time'.

Table 4.12: Spare Peak Time Capacity in Milton Keynes (Grass Wickets)

Sub area	Current Position			Future Position (2031)		
	Saturday	Sunday	Midweek	Saturday	Sunday	Midweek
Milton Keynes	7	21	130	3.5	19.5	130

- 4.9.12 The table shows that there is currently suitable spare capacity to accommodate new teams during Saturdays and that once the projected demand is added, the Study Area will continue to have sufficient pitch provision to meet demand.
- 4.9.13 It should also be noted that, although there is significant spare peak-time capacity on Sundays and during the midweek period, this does not include informal demand that could be placed on site or met by demand in other sports.

4.10 Cricket Summary

- 4.10.1 This section summarises the findings from the cricket analysis, which will form the basis of the recommendation and action plan section for Milton Keynes PPS strategy document.
- 4.10.2 When considering future developments, it is important to consider ball strike. Where there is either new cricket provision being put in place or more commonly development which may prejudice the use of the sporting facility there would be a requirement for a full ball strike risk assessment to be undertaken and appropriate mitigation put in place as part of the development. As such the ECB recommends that the clubs / organisations seeks to have a ball strike risk assessment undertaken. Further information can be provided by the ECB.
- 4.10.3 Table 4.13 includes the response to 5 key questions which are identified in the Sport England PPS Guidance Checklists. Using these key questions to summarise the findings of each of the sport chapter creates consistency, not only within the report but with similar PPS projects in neighbouring local authorities and further afield.

Table 4.13: Key PPS Findings for Cricket in Milton Keynes

Key Question	Analysis
What are the main characteristics of the current supply and demand for provision?	Within Milton Keynes, there are 28 cricket pitches, 233 grass wickets and 17 non-turf pitches (NTPs) all across 26 separate sites. When taking the average quality rating of all cricket sites within Milton Keynes, the five components of outfield, NTP's, grass wickets, cricket nets and cricket pavilions were all considered either a good or standard condition. Despite this, there were a number of sites that exhibited areas of poor quality.

Key Question	Analysis
	<p>The area of provision that is of the highest quality in Milton Keynes is the grass wicket supply, with a score of 83.05%. The area of provision with the lowest score is in non-turf practice, with a score of 70.83%.</p> <p>There are 27 clubs in Milton Keynes producing 96 teams (compiled of 66 men's teams, 1 ladies' teams, 27 junior boys teams and 2 junior girls teams).</p>
<p>Is there enough accessible and secured community use provision to meet current demand?</p>	<p>There is currently considered to be sufficient capacity to meet community demand. 6 of the sites used by the community are considered to be available on an unsecured basis. There is only one site within Milton Keynes that does not allow for community access, Christ the Sower Ecumenial Primary School, however it is assumed that this site does also meet educational demand.</p> <p>The supply and demand analysis in this chapter demonstrates that there is a current level of spare capacity of 408 MES when only factoring in the supply provided by grass wickets. This shows that there is enough grass wicket supply in the study area to accommodate demand. This level of spare capacity is increased further when factoring in the large level of artificial provision in the study area.</p> <p>It should be noted that the analysis shown in this chapter focused on the supply of all available sites; however, Milton Keynes has a large level of cricket pitches that are deemed to be unsecured for community use. This means that this supply could be removed at any point in the near future. The scenario section found in Stage D of this strategy takes the analysis further and looks at the situation in which all unsecured provision is removed from the supply.</p>
<p>Is the provision that is accessible of sufficient quality and appropriately maintained?</p>	<p>Overall the condition and quality of facilities across Milton Keynes can be said to be adequate to meet the needs of the clubs. The highest quality provision in the Study Area was located at sites linked to private sports and social clubs, where maintenance and renovations are carried out in house.</p>
<p>What are the main characteristics of the future supply and demand for provision?</p>	<p>There is significant future demand projected for Milton Keynes with an additional 7 adult men's teams and a further 3 junior boys teams. A total of 101 matches are projected to be generated in Milton Keynes. This increase in demand from population growth, in addition to the latent demand identified, leads to a decrease in the level of spare capacity for grass wicket provision in the study area. Nevertheless, the future position still shows a healthy level of spare capacity for grass wicket provision of 245 MES. The sub area of West is projected to be the only sub area in deficit (70 MES), yet when factoring in the supply from NTP's, all sub areas in the study area show spare capacity.</p> <p>It should be noted that this model does not incorporate future demand created by ECB initiatives such as All Stars, which may produce substantial increases in demand in the future for both male and female cricket.</p> <p>In terms of future provision, the following site has been earmarked for development in Milton Keynes: - Whitehouse Sports Ground: new Cricket pitch and new changing pavilion (August 2021)</p>
<p>Is there enough accessible and secured community use provision to meet future demand?</p>	<p>In terms of carrying capacity, there is thought to be insufficient capacity across Milton Keynes to meet future demand, on both junior and senior provision.</p> <p>The future demand modelling is based on the PPC and latent/unmet demand. With this in mind it would be useful to model a scenario of increased projected demand to model the impact of ECB programmes such as All Stars cricket and Women's and girl's initiatives to stress-test the existing provision. This will help to indicate if there is sufficient provision to meet the level of demand the ECB aspires to produce in Milton Keynes.</p>

Section 5: Rugby Union Analysis



5 Rugby Union Analysis

5.1 Introduction and Strategic Context

- 5.1.1 The Rugby Football Union (RFU) is the national governing body responsible for grassroots and elite rugby in England, with the season operating from September to June.
- 5.1.2 The baseline supply and demand data that will be used to inform this chapter was collected in March 2019 and was subsequently signed off in July 2019.

RFU Strategic Plan (2017-2021)

- 5.1.3 In October 2017, the RFU published its strategic plan, with the overall objective of being England's strongest sport, underpinned by good governance and regulation, as well as increased investment in the game to drive elite performance and community participation.
- 5.1.4 The following key areas of focus are particularly relevant for this strategy;
- **Protect our clubs:** Support clubs to protect themselves against risks to sustainability in the key areas of leadership, facilities and finances. Support clubs to meet all their statutory and regulatory obligations
 - **Expand places to play through Artificial Grass Pitches:** Install and manage strategically placed Artificial Grass Pitches (AGP's) nationwide, increasing playing opportunities for the 15- a-side game and other variants in communities where natural turf pitches are significantly overused. Improve access to rugby in non-traditional and urban areas
 - **Engage new communities in rugby:** Increase female player numbers, with more teams and matches, expansion in the education environment and transitioning more players to clubs
 - **Grow the grass-roots game:** Increase the number of active male and female (14+) 15-a-side teams by 10%. Increase the number of 15-a-side matches played by 20%. Increase the number of active rugby union players by 10%.
- 5.1.5 The objectives and targets of the RFU will be referenced throughout this strategy and utilised to prioritise facility development projects as part of the recommendations and action plan section.

RFU Facilities Strategy (2014-2018)

- 5.1.6 The RFU published its Facility Strategy (2014) for the next four years. The strategy includes the following relevant objectives and priorities relevant to the PPS:
- The core aims of the RFU are to create effective and efficient facilities, management and governance along with community integration
 - Facility priorities include improving changing provision, natural turf pitch quality, AGPs and floodlighting for both matches and training. These affect commercial opportunities within community clubs.

5.2 Supply

Quantity Overview

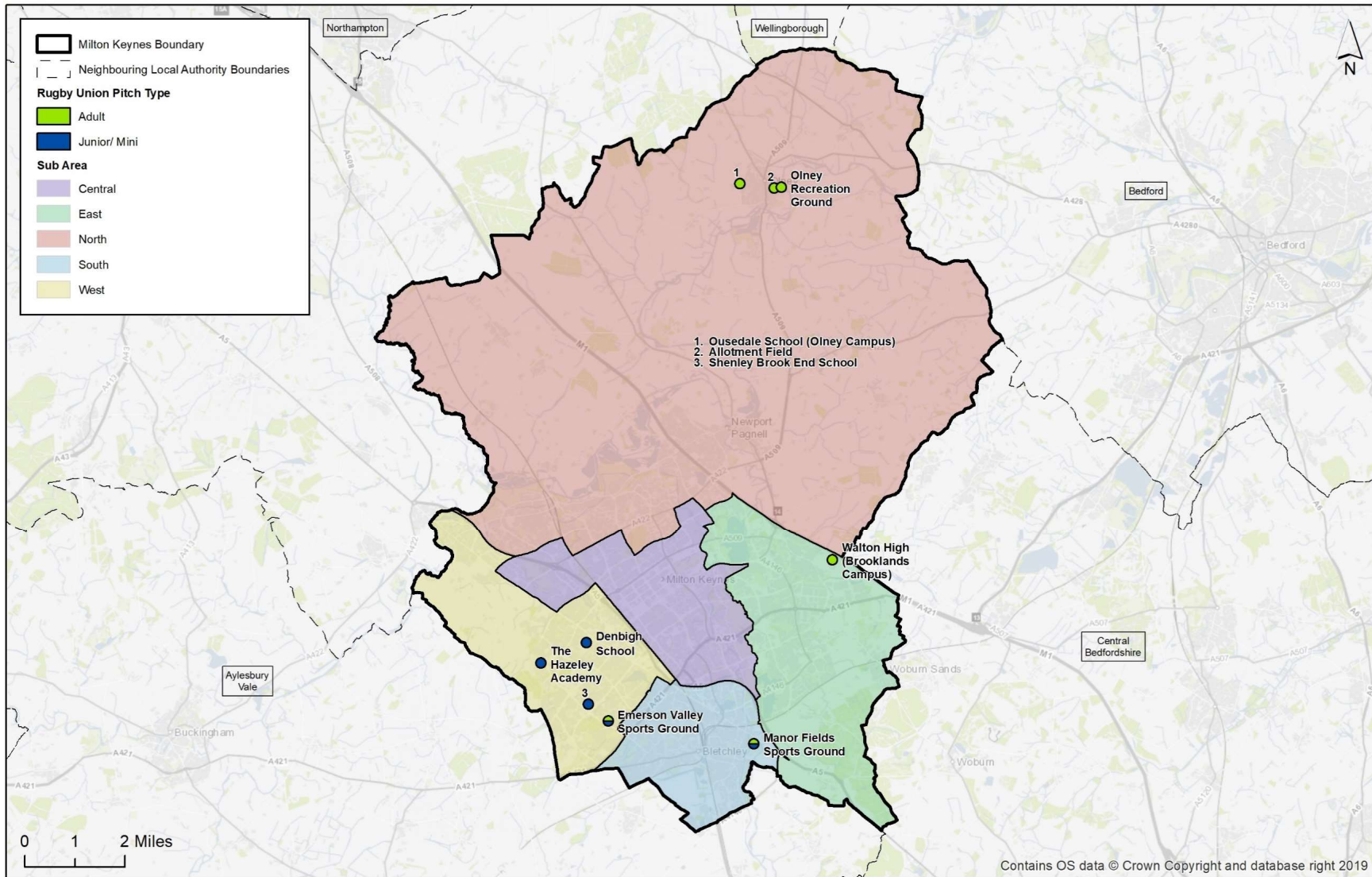
- 5.2.1 There are 9 sites in Milton Keynes comprising rugby of 19 pitches including 13 senior pitches. 16 of these senior pitches accommodate community rugby union across 7 sites. The ownership of the rugby sites across the study area is shown in Table 5.1 by the number of pitches, to reflect the significance of each ownership and management type.

Table 5.1: Ownership of Rugby Sites in Milton Keynes

Sub-category	Ownership	Management
Education	6	6
Club	3	11
Local Authority	10	2

- 5.2.2 Table 5.1 shows that Local Authority sites dominate the ownership and management of rugby union pitches in Milton Keynes. However, it should be noted that clubs also manage a significant number of pitches (58%). This indicates that community clubs have at least some control in how the pitches they use are managed and maintained.
- 5.2.3 Figure 5.1 shows the geographic location of the rugby pitches across the study area and illustrates that the current supply is predominately in the West and South and 3 sub areas.

Figure 5.1: Rugby Pitch Audit in Milton Keynes



5.2.4 Table 5.2 provides a breakdown of the rugby sites in Milton Keynes.

Table 5.2: Rugby Site Breakdown of Security and Community Use

Site Name	Sub area	Pitch Type	Pitch Name	Community Use	Community Access	Drainage - Score	Maintenance - Score	Pitch Capacity	Floodlit?
Allotment Field	North	Senior Rugby Union	1	Available	Secured	Natural (adequate) – D1	M1 - Standard	2	Yes
		Senior Rugby Union	2	Available	Secured	Natural (adequate) – D1	M1 - Standard	2	No
Denbigh School	West	Junior Rugby Union	1	Not Available	Unsecured	Natural (adequate) – D1	M1 - Standard	2	No
Emerson Valley Sports Ground	West	Junior Rugby Union	1	Available	Secured	Natural (adequate) – D1	M1 - Standard	2	No
		Senior Rugby Union	2	Available	Secured	Pipe drained – D2	M1 - Standard	2.5	No
		Senior Rugby Union	3	Available	Secured	Pipe drained – D2	M1 - Standard	2.5	Yes
		Senior Rugby Union	4	Available	Secured	Pipe drained – D2	M1 - Standard	2.5	No
Manor Fields Sports Ground	South	Junior Rugby Union	1	Available	Secured	Natural (adequate) – D1	M0 - Poor	1.5	No
		Junior Rugby Union	2	Available	Secured	Natural (adequate) – D1	M0 - Poor	1.5	No
		Senior Rugby Union	3	Available	Secured	Natural (adequate) – D1	M1 - Standard	2	Yes
		Senior Rugby Union	4	Available	Secured	Natural (adequate) – D1	M1 - Standard	2	Yes

Site Name	Sub area	Pitch Type	Pitch Name	Community Use	Community Access	Drainage - Score	Maintenance - Score	Pitch Capacity	Floodlit?
Olney Recreation Ground	North	Senior Rugby Union	1	Available	Secured	Natural (adequate) – D1	M1 - Standard	2	No
		Senior Rugby Union	2	Available	Secured	Natural (adequate) – D1	M1 - Standard	2	No
		Senior Rugby Union	3	Available	Secured	Pipe and slit drained – D3	M2 - Good	3.5	No
Ousedale School (Olney Campus)	North	Senior Rugby Union	1	Not Available	Unsecured	Natural (adequate) – D1	M1 - Standard	2	No
		Senior Rugby Union	2	Not Available	Unsecured	Natural (adequate) – D1	M1 - Standard	2	No
Shenley Brook End School	West	Junior Rugby Union	1	Available	Unsecured	Natural (adequate) – D1	M1 - Standard	2	No
The Hazeley Academy	West	Junior Rugby Union	1	Available	Unsecured	Natural (adequate) – D1	M1 - Standard	2	No
Walton High (Brooklands Campus)	West	Senior Rugby Union	1	Available	Unsecured	Natural (adequate) – D1	M1 - Standard	2	No

Quality Assessment

- 5.2.5 Each site was visited and assessed by 4global using non-technical assessments as determined by the RFU. Site visits were undertaken in 2019. The methodology for assessing rugby pitch quality analyses two key elements; the maintenance programme and level of drainage.
- 5.2.6 Each pitch is scored and classified in one of three categories. These represent actions required to improve site quality. A breakdown for each of the two scoring elements and three respective categories is provided in the following two tables.

Table 5.3: Rugby Pitch Maintenance Quality Assessment Specifications

Category	Overall Quality Rating
MO	Action requires significant improvements to the maintenance programme
M1	Action requires minor improvements to the maintenance programme
M2	Action requires no improvements to the maintenance programme

Table 5.4: Rugby Pitch Drainage Quality Assessment Specifications

Category	Overall Quality Rating
DO	Action on pipe draining system is needed on pitch
D1	Action on silt drainage system is needed on pitch
D2	No action is needed on pitch drainage

- 5.2.7 These scores are then combined to provide a match equivalent capacity, as calculated in Table 5.5 below. Depending on the score of a site, a pitch is assigned a certain carrying capacity which can then be used to calculate the overall capacity of a site.

Table 5.5: Match Equivalent Calculation

Drainage	Maintenance		
	Poor (MO)	Standard (M1)	Good (M2)
Natural Inadequate (DO)	0.5	1.5	2
Natural Adequate (D1)	1.5	2	3
Pipe Drained (D2)	1.75	2.5	3.25
Pipe and Slit Drained (D3)	2	3	3.5

- 5.2.8 Table 5.6 summarises the quality assessment results for those sites currently used by the community. Full details of the subsequent carrying capacity allocations of each site by pitch type can be found in table 5.7 below.

Table 5.6: Pitches by Match Equivalent Calculation

Drainage	Maintenance		
	Poor (M0)	Standard (M1)	Good (M2)
Natural Inadequate (D0)	0	0	0
Natural Adequate (D1)	2	13	0
Pipe Drained (D2)	0	3	0
Pipe and Slit Drained (D3)	0	0	1

- 5.2.9 The table overleaf provides the site and pitch quality breakdown by sub area.

Table 5.7: Supply Capacity by Sub area (Including WR22 3G at 12 MES per Week)

Sub area	Senior Floodlit	Senior Non-Floodlit	Junior	Mini	Total
North	2	12.5	0	0	14.5
South	4	0	3	0	7
East	0	0	0	0	0
West	2.5	7	8	0	17.5
Central	12 (WR 22)	0	0	0	12
Milton Keynes	20.5	19.5	11	0	51

5.2.10 The table above shows how capacity is not spread evenly throughout the Study Area, with North and West accounting for 63% of all supply. This is due to a significant amount of club capacity within these study areas with the major clubs being located here.

5.3 Demand

Current Demand

5.3.1 This section covers the demand for rugby union pitches produced by the community.

5.3.2 3 clubs have been identified as playing in Milton Keynes. Their home-grounds, sub areas and the number of competitive teams they field is detailed in Table 5.8.

Table 5.8: Rugby Club Profiles for Community Clubs

Club	Home Ground	Sub Area	Adult Teams	18-19 Colt Teams	Junior Teams (U12-17)	Mini / Midi Teams (U7-U11)	Totals
Bletchley RFC	Manor Fields Sports Ground	South	3	1	3	6	13
Milton Keynes RFC	Emerson Valley Sports Ground	West	3	1	4	6	14
Olney RFC	Olney Recreation Ground	North	5	1	5	6	17
Milton Keynes			11	3	12	18	44

- 5.3.3 Table 5.8 shows that there are three large clubs in Milton Keynes, all producing over 10 teams, including junior sections. There is a total of 44 teams within the study area.
- 5.3.4 In relation to mini teams there is only one team per age group level but each of these teams have numerous players and playing numbers due to the nature of the mini rugby team structures. For each age group with one team there can be multiple teams playing at the same time due to multiple games occurring on a senior pitch at any one time.
- 5.3.5 When looking at the individual sub area there is a fairly constant spread between the south, west and north regions with each of the sub areas having between 30 -35% of the teams within the study area.

Unmet and Latent Demand

5.3.6 In addition to the existing demand, the study also seeks to identify where existing current demand is not being fulfilled. The 2013 Sport England Methodology prescribes that this should be done through the identification of demand that is unmet, or latent. The definitions of these terms can be found below:

- Unmet demand is demand that is known to exist but unable to be accommodated on current supply of pitches. This could be in the form of a team with access to a pitch for matches but nowhere to train or vice versa. This could also be due to the poor quality and therefore limited capacity of pitches in the area and/or a lack of provision and ancillary facilities which meet a certain standard of play/league requirement. League secretaries may be aware of some unmet demand as they may have declined applications from teams wishing to enter their competitions due to a lack of pitch provision which in turn is hindering the growth of the league.
- Latent demand is demand that evidence suggests may be generated from the current population should they have access to more or better provision. This could include feedback from a sports club who may feel that they could set up and run an additional team if they had access to better provision.

5.3.7 The table below captures the levels of unfulfilled demand in the Study Area:

Table 5.9: Latent or Unmet Rugby Union Demand in Milton Keynes

Club Name	Sub Area	Senior		Junior		Mini	Total	Reason(s)
		Men	Women	Boys	Girls			
Bletchley RFC	South	-	1	-	-	-	1	Female colts' side to be included into the club due to development of the members and community links.
Milton Keynes RFC	West	-	-	-	-	-	-	-
Olney RFC	North	-	1	-	1	-	-	Cub drive to increase the female membership but is currently underdeveloped due to facilities.
Milton Keynes		-	2	-	1	-	-	

5.3.8 The table above shows there is a small amount of unfulfilled demand in the Study Area, with a total of 3 teams not fulfilled.

Displaced Demand

5.3.9 During consultations with clubs, each were asked if they had any demand that they could not accommodate at their home sites and were therefore, forced to use facilities outside of the area. There appeared to be no displaced demand with all the teams being able to be satisfied on site.

5.4 Future Demand

5.4.1 Having reviewed the current demand for pitches within the Study Area, the report will now move to review the projected future demand for Milton Keynes.

Future Demand Driven by Population Growth

5.4.2 To calculate the future demand for rugby in the Study Area, the study has utilised Sport England's Playing Pitch Calculator (PPC)⁷. The PPC uses the following factors to determine future provision need; existing population; the number of teams in each age category; the peak-time distribution of demand; the growth trends for each age/gender group; and, the projected change in participation rate.

5.4.3 Full guidance regarding the methodology behind the calculator is available via the Sport England tool Active Places Power (authorisation may be required to access this tool). Please note that the future additional need for pitches indicated below is on the assumption that all future demand generated will be required to be met by additional (new) pitches. In reality it may be that this could be met by the existing pitch stock (this will be tested below).

⁷ <https://www.activeplacespower.com/reports/playing-pitch-calculator>

Table 5.10: Sport England Playing Pitch Calculator future projections for Rugby Provision in Milton Keynes

DATA INPUT		PPC OUTPUT
Current Population	268,607	
Projected Growth	+30,797	
Projected Future Popn.	299,404	

Age / Gender Group	Current				Future ADDITIONAL need			
	Population of Group	Number of teams	% of participation in the peak period*	% change in participation	Number of teams generated by the new population PLUS any change in demand	Additional match demand in match equivalent sessions per week (mepw)	Additional training demand in match equivalent sessions per week (mepw)	Additional pitches required
Senior Men (19-45yrs)	48,976	10	100%	0%	1	1	1	2
Senior Women (19-45yrs)	49,060	1	100%	0%	0	0.00	0	
Youth Boys (13-18yrs)	9,815	15	100%	0%	2	1	1	
Youth Girls (13-18yrs)	9,363	0	100%	0%	0	0	0	
Mini/Midi Mixed (7-12yrs)	24,637	18	100%	0%	2	0	1	

- 5.4.4 Table 5.10 illustrates that the minimum number of projected demands for rugby teams across the Study area is likely to increase for mini mixed rugby (2.06 teams) and Youth Boys (1.61 teams). The lowest projected growth from the PPC calculations is senior women (with 0.11 teams). Please note that the figures presented in the table above have been rounded to the nearest whole number.
- 5.4.5 It is important to also understand how population is predicted to change in different sub areas as this will impact any future demand on rugby pitches.
- 5.4.6 Only 3 of the 5 sub areas in Milton Keynes have a rugby club. In order to account for the population changes in the sub areas without rugby clubs, neighbouring sub areas have been paired to their closest sub area with a rugby club.
- 5.4.7 It is important to also understand how population is predicted to change in different sub areas as this will impact any future demand on rugby pitches. The table below indicates which sub area will experience the significant growth.
- 5.4.8 The impact of this analysis can be seen in table 5.11 below.

Table 5.11: Project change in demand by sub area – Milton Keynes 2031

	Central	East	North	South	West	Milton Keynes
Senior Men (19-45yrs)	0.13	0.09	0.13	0.09	0.13	0.57
Senior Women (19-45yrs)	0.02	0.01	0.01	0.01	0.00	0.06
Youth Boys (13-18yrs)	0.18	0.13	0.18	0.13	0.19	0.80
Youth Girls (13-18yrs)	0.01	0.01	0.01	0.01	0.01	0.06
Mini/Midi Mixed (7-12yrs)	0.05	0.05	0.06	0.05	0.06	0.26
Total	0.39	0.28	0.40	0.29	0.39	1.75

5.4.9 The table shows that the north sub area is projected to see the vast majority of the demand growth across the Study Area. This growth will be most pronounced at youth boys' groups. Across all other sub areas, limited growth is projected, with insufficient demand to be projected to add a team in the youth girls' section, this analysis equates to an additional 2 pitches needed within the study area to cope with the future demand, these pitches should be focused on sub area such as North and West where there is already rugby demand from clubs.

5.4.10 While the PPC does not project significant growth in female senior or junior teams, it should be noted that one of the RFU's key strategic objectives is to increase female participation, with potential investment leading to a growth in demand.

Growth of Female Rugby

5.4.11 The future growth in female rugby is calculated using a ratio of future growth to existing team numbers, the projected growth is projected to be 0. Given the strategic priority of England Rugby (RFU) to increase women and girls' rugby across the country, a projected increase of one senior women's team and one junior girls team has been added to the future growth projections, which aligns to the overall target of increasing team numbers by 350 across England over the next four years.

5.5 Supply and Demand Balance

Overplay and Spare Capacity

- 5.5.1 To calculate whether there is any total spare capacity at rugby sites in Milton Keynes, Table 5.12 shows the supply and demand figures across the Study Area.
- 5.5.2 As part of the analysis supply data is filtered to show those sites that are used by rugby clubs for training and matches. This excludes education sites as these can give a false impression of capacity as they are used by school teams whose demand is not included as part of this survey and the pitches are usually unavailable at peak times due to this usage. This exercise allows only those sites that are part of the existing community supply to be analysed in terms of existing and projected future capacity. As such, all demand has been calculated from community clubs only.
- 5.5.3 Supply and demand are measured in match equivalent sessions (MES). The Sport England Playing Pitch Strategy guidance document states that demand should be calculated as:
- 1 team playing a home match every fortnight (due to alternating fixtures) can be said to produce 0.5 MES of match demand per week.
 - 2 teams undertaking a single training session is calculated as 1 match equivalent per week. The true training demand for clubs has been calculated from the club consultations and survey feedback.
- 5.5.4 It is common for junior and mini demand to be played on senior match pitches. When mini demand is placed on a senior pitch (due to lack of min supply) this is calculated at 25% of senior match equivalents (MES). This is shown in the column titled “Unmet Mini Demand Placed on Senior Match Pitches.” The purpose of the table is to give a complete picture of the rugby sites in Milton Keynes, show where demand is placed and demonstrate the effect of this demand.
- 5.5.5 Training pitches are those identified as taking the majority of midweek training demand. These are removed from match supply if found to be over capacity and, in cases where there is additional capacity, any positive balance is carried into match supply. In those cases where there is no permanent floodlighting, but the club run midweek training at a site, it is assumed that the club are using temporary floodlighting on the pitches.
- 5.5.6 There is one WR22 (rugby compliant) 3G AGP on the site. This site is modelled with a supply of 10 match equivalent sessions during the mid-week, with 1 per each weekend day to allow for the fact this pitch can only accommodate one match per peak-time session.

Table 5.12: Site by Site Capacity Analysis for Rugby Sites

Site	Sub Area	Number of Floodlit Pitches	Security	Mid-Week Floodlit Training			Weekend Match Day Senior/ Junior			Weekend Match Day Mini			Unmet Mini Demand Placed on Senior Match Pitches (25% of Senior MES)	Total Balance
				Supply	Demand	Balance	Supply	Demand	Balance	Supply	Demand	Balance		
Emerson Valley Sports Ground	West	1	Secured	2	4	-2	7.5	4	3.5	2	2	0	0.5	1
Manor Fields Sports Ground	South	2	Secured	4	5	-2.5	4	3.5	0.5	3	3	0	0	-2
Olney Recreation Ground	North	0	Secured	0	0	0	7.5	5.5	2	0	3	-3	0.5	-1.5
Allotment Field	North	2	Secured	2	2.5	-0.5	4	1	3	0	0	0	0	2.5
Sports Central (WR22 Pitch)	Central	1	Secured	10	2	8	0	0	0	0	0	0	0	8

5.5.7 The key findings from Table 5.12 are:

- The majority of community rugby sites are at capacity with a lack of mid-week floodlit training supply
- 3 of the sites in Milton Keynes are considered to be overcapacity for mid-week training - Emerson Valley Sports Ground, Manor Field Sports Ground and Allotment Field.
- 2 sites are at over capacity as a result of mini and junior demand being located on site (Manor Fields and Olney Recreation Ground)

5.5.8 The impact of this usage on each of the community sites will be shown below.

5.5.9 Summary table in relation to capacity analysis for Rugby sites. It should be noted that the training pitches during the week are also used on weekends for match play which could have a detrimental effect on the quality of certain pitches due to the heavy use.

Table 5.13: Summary Site by Site Capacity Analysis for Rugby Sites

Site	Sub Area	Number of Floodlit Pitches	Security	Total Floodlit Training			Weekend Matchday Demand (Adult, mini and Junior and unmet mini demand)			Total Balance
				Supply	Demand	Balance	Supply	Demand	Balance	
Emerson Valley Sports Ground	West	1	Secured	2	4	-2	9.5	6.5	3	1
Manor Fields Sports Ground	South	2	Secured	4	5	-2.5	7	6.5	0.5	-2
Olney Recreation Ground	North	0	Secured	0	0	0	7.5	9	-1.5	-1.5
Allotment Field	North	2	Secured	2	2.5	-0.5	4	1	3	2.5
Sports Central (WR22 Pitch)	Central	1	Secured	10	2	8	0	0	0	8

5.6 Site by Site Summary

- 5.6.1 Table 5.14 details the balance of pitch supply and formal demand from clubs in the area. All sites have been included with their availability and security of use listed alongside.
- 5.6.2 There is also a measure of peak period capacity whereby each pitch has a predetermined number of match slots. Peak time capacity is as follows: senior pitches are available for senior men's and colt teams on Saturday afternoon for 2 match slots and Sunday morning for junior and women's teams for 2 match slots. Junior pitches are available on Sunday morning to mini teams for 2 match slots. Capacity is factored into these calculations and can limit the peak time capacity.
- 5.6.3 Education demand is captured as part of the survey. Where schools reported that they had spare capacity to accommodate community demand and had a desire to open their facilities for community use, this spare capacity is captured. Where schools stated that there is either no spare capacity or that there is no balance on educational sites has been adjusted to factor in school use. This should result in a fair representation of the balance of supply and demand in the area from a community use perspective. The balance is measured in Match Equivalent Sessions (MES).

Table 5.14: Site by Site Analysis of Rugby Sites in Milton Keynes

Site Name	Sub Area	Availability	Security of Use	Pitch supply	Pitch capacity	Community Pitch Match Demand	Balance	Peak Period Capacity	Site summary
Allotment Field	North	Available	Secured	2 x Senior Rugby Union	4	6	2.5 MES Capacity on Saturday	No Spare Capacity on Sunday	Large multi-sports area with football, cricket, rugby union, bowls, and tennis. The majority of the site is owned and operated by Olney Parish council and is mainly used by local clubs. The two rugby union pitches do have floodlights but there are not match quality, just training purposes. The rugby pitches has the land leased on an annual basis with no long-term lease. The rugby pitches are used by Olney RFC for training mainly as their main pitches located on the recreation field do not have floodlights. These pitches are used extensively by the club during the week but less on weekends due to main match play being located at the recreation field. As a result of the heavy training use these pitches are of poor quality overall.
								1 MES Capacity on Saturday	

Site Name	Sub Area	Availability	Security of Use	Pitch supply	Pitch capacity	Community Pitch Match Demand	Balance	Peak Period Capacity	Site summary
Manor Fields Sports Ground	South	Available	Secured	2 x Senior Rugby Union	7	11.5	Pitches are overplayed by 2 MES	No Spare Capacity on Saturday and Sunday	The site is owned by the council and leased to the various sports clubs that use the site. There are has a number of different ancillary buildings: one managed as 'The Irish Centre' which is used by football, another that acts as the rugby clubhouse (which has had funding from the RFU) and cricket pavilion (with a score box on the side) and another which does not appear to be used. The changing rooms in the Irish Centre were recently refurbished. . There is an area of disused land beside this pitch where the site owners are looking to add an AGP. No firm plans have been made yet. The junior rugby pitches were in poor condition and did not appear to be maintained. The markings were either faint or non-existent. There was some evidence of flooding to these pitches. The senior pitches appeared to be divided into a match pitch and a training pitch. The former was fully floodlight and the latter had floodlighting down one side. The training pitch evidently received a lot of use (particularly under the floodlights). The site is used by Bletchley RFC
				2 x Junior Rugby Union					
Denbigh School	West	Not Available	Unsecured	1 x Junior Rugby Union	2	0 (only school use)	1 MES Spare Capacity	1 MES Spare Capacity on Saturday and Sunday	No community use currently available on site for the one junior pitch, this is due to the school wishing to use them exclusively for their own use. They did not indicate if they wish to change this in the future. The current pitch is of standard quality.

Site Name	Sub Area	Availability	Security of Use	Pitch supply	Pitch capacity	Community Pitch Match Demand	Balance	Peak Period Capacity	Site summary
Emerson Valley Sports Ground	West	Available	Secured	3 x Senior Rugby Union	9.5	12.5	1 MES Spare Capacity	No Spare Capacity on Saturday and Sunday	<p>The site is owned by the council and leased to Milton Keynes Rugby Club. The rugby club have use of the clubhouse and all pitches as part of this agreement. There are three full-sized pitches and one junior pitch. Maintenance is carried out by an external contractor. The club moved to the site about 8 years ago.</p> <p>The ancillary building is large and in good condition. The pitches appeared to be well-drained, however, there are occasional issues with the floodlit training pitch and junior pitch.</p> <p>The new AGP at Sport Central has helped to reduce demand on the pitches and has made a noticeable difference. However, it is a significant additional expense for the club.</p> <p>The site is used a lot by the community including youth tournaments, local school games as well as the rugby club's usage.</p>
				1 x Junior Rugby Union					
Olney Recreation Ground	North	Available	Secured	3 x Senior Rugby Union	7.5	7	Pitches are overplayed by 1.5 MES	No Spare Capacity on Saturday and Sunday	<p>Olney RFC owns the freehold of the pitches but leases the clubhouse land from the council. They share the car park with the football and other sports teams which provides an issue on Sunday when all the clubs play. They also use two fields on the allotment fields with one of them having floodlights good enough for training provision. The club is looking to develop another car park and also additional floodlights on the council-owned pitch. The club is happy with the current pitches and does not want floodlights on the pitches.</p> <p>The club is looking to fund changing rooms improvements to due to the growth of the female sides within the club and junior sections as currently, they are not compliant.t</p>

Site Name	Sub Area	Availability	Security of Use	Pitch supply	Pitch capacity	Community Pitch Match Demand	Balance	Peak Period Capacity	Site summary
Ousedale School (Olney Campus)	North	Not Available	Unsecured	2 x Senior Rugby Union	4	0(only school use)	2 MES Spare Capacity	2 MES Spare Capacity on Saturday and Sunday	Two senior rugby pitches on site that are used exclusively by the school. No community use on site due to no local clubs expressing interest into the site. Both of these pitches are of standard quality and require increase drainage procedures but are currently adequate for school use.
Shenley Brook End School	West	Available	Unsecured	1 x Junior Rugby Union	2	0	1 MES Spare Capacity	1 MES Spare Capacity on Saturday and Sunday	Former use by Milton Keynes RFC before moving to Emerson Valley Park. The current pitch has drainage issues and is used exclusively by the school. Not quite full size to host senior games and the school is not looking to rehire the site as it requires extra work.
The Hazeley Academy	West	Available	Unsecured	1 x Junior Rugby Union	2	0	1 MES Spare Capacity	1 MES Spare Capacity on Saturday and Sunday	This schools maintenance and facility are managed by the same company as Shenley Brook End and currently do not have any formal community use on site.
Walton High (Brooklands Campus)	East	Available	Unsecured	1 x Senior Rugby Union	2	0	1 MES Spare Capacity	1 MES Spare Capacity on Saturday and Sunday	The school is a new build and currently not at capacity so they have expressed interest in hiring the pitch out for community use.
SPORTS CENTRAL (WR22 Pitch)	Central	Available	Secured	1 x Senior Rugby Union (AGP)	10	2	8 MES Spare Capacity (for training)	1 MES Spare Capacity on Saturday and Sunday	The site is council owned and currently managed by InspireAll. However, the contract is due to expire and there is potentially a new company managing the site moving forward. The site is 2 years old and the pitch was part funded by Sport England and the RFU. It is WR 22 Compliant and protect for rugby use which takes place on Wednesday evenings. Currently only Milton Keynes RFC use the site for training, they wish to use the site more but due to costs they cannot. Car parking is an issue on site with no provision making it an issue if members are traveling straight from work.

5.7 Future Balance

5.7.1 Whilst Tables 5.15 show the current view of capacity, it is important to consider how future supply and demand will change the balance in the area. Table 5.13 breaks down future demand into sub areas, using the PPC and latent demand estimations from club consultations. The table includes only sites currently used by community clubs in the Study Area.

5.7.2 It is important to consider that even the high estimate of projected demand may be low considering the potential growth of female rugby and/ or the impact of any future participation campaigns from the RFU.

5.7.3 Assumptions about the demand placed on pitches from future teams are as follows:

- A senior team will train twice per week generating 1 ME training demand. They will play 1 home game every other weekend generating 0.5 ME demand on senior pitches
- A junior team (U13 and up) will train once per week generating 0.5 ME training demand. They will play 1 home game every other weekend generating 0.5 ME demand on senior pitches
- A mini team will not generate midweek training demand. They will play 1 home game per week generating 0.5 ME demand on junior pitches.

Table 5.15: Current and Projected Future Capacity Balance of Rugby Sites in Milton Keynes

Sub Area	Provision Type	Current			Future		
		Spare Capacity	Overplay	Balance	PCC	Latent/Unmet	Balance
North	Training	2	6	-4	0.5	1	-5.5
	Senior Match Pitch	15.5	13	2.5	0.5	1	1
South	Training	4	6	-2	0.5	0.5	-3
	Senior Match Pitch	7	11.5	-3.5	0.5	0.5	-4.5
East	Training	0	0	0	0	0	0
	Senior Match Pitch	2	0	2	0	0	2
West	Training	2	2	0	0.5	0	-0.5
	Senior Match Pitch	15.5	12.5	3	0.5	0	2.5
Central	Training	10	2	8	0.5	0	7.5
	Senior Match Pitch	0	0	0	0	0	0
Milton Keynes	Training	18	16	2	2	1.5	-1.5
	Senior Match Pitch	40	37	4	1.5	1.5	1

5.7.4 Table 5.14 shows that there is an overplay in some of the sub areas within Milton Keynes where the larger clubs are located (Olney RFC, Bletchley RFC and Milton Keynes RFC). This overplay is expected to increase over the lifetime of the strategy due to latent demand and future provision brought about from population increase.

5.7.5 The table also that there is training supply in the central region due to one WR22 AGP located at Sports Central. This is only used twice a week by Milton Keynes RFC. Due to the cost of the facility and also lack of parking other clubs are restricted from using this facility.

5.7.6 When projected demand is added to the existing balance, the area as a whole is considered to be at over capacity for training provision.

5.8 Rugby Union Summary

5.8.1 This section summarises the findings from the rugby analysis, which will form the basis of the recommendation and action plan section for Milton Keynes.

5.8.2 Table 5.16 includes the response to 5 key questions, which are asked for all PPS studies across the UK, in order to provide a standardised illustration of supply and demand for sports provision.

Table 5.16: Key PPS Findings for Rugby Union in Milton Keynes

Key Question	Analysis
<p>What are the main characteristics of the current supply and demand for provision?</p>	<p>Across all rugby provision in the study area, there are 10 sites in Milton Keynes comprising of 18 pitches including 14 senior pitches. 11 of these senior pitches accommodate community rugby union from 3 clubs across 5 sites. A large proportion (60%) of rugby sites are located on local authority. The community rugby clubs within the study area are considered to have a high security and control over their facilities.</p> <p>During consultations, the inadequacy of the ancillary provisions at many facilities was highlighted, as was the additional need for parking. There was also a need for additional floodlighting during the winter months to aid in training.</p> <p>There is 41.75 MES of senior floodlit capacity in the study area, 24 of which is provided by WR22 3G AGPs (57%).</p> <p>100% of rugby union capacity is centred around three sub areas (North, West and South) and this accounts for the all three clubs within the study area.</p> <p>Demand is produced by 3 clubs, all of which are large clubs with more than 10 teams. Combined these clubs produce over 44 match equivalent sessions per week</p>
<p>Is there enough accessible and secured community use provision to meet current demand?</p>	<p>All sites currently being used by community clubs have some sort of secured tenure or are owned by organisations with a requirement to keep the playing fields open and available to the public for use (such as the local authority).</p> <p>The majority of match pitches are currently overused or at capacity within Milton Keynes with the 3 clubs being at capacity for peak day demand.</p> <p>Within the study area there is currently a deficit in training demand across all the clubs when at their home venues due to a lack of floodlights on numerous pitches. There is one WR22 pitch located at Sports Central but this is only used by one club due to the cost.</p> <p>The analysis presented in this chapter focused on all available sites within the study area. It should be emphasised that this analysis includes a large number of sites that are deemed to be unsecured for community use in the future. This means that this supply could be removed at any time as there is no formal agreement in place to protect this use. A scenario will be run at stage d of this PPS to assess the capacity balance for rugby if all unsecured provision was removed from the supply.</p>
<p>Is the provision that is accessible of sufficient quality and appropriately maintained?</p>	<p>Many clubs reported ambitions to improve the pitch drainage quality across their pitches. This is likely to be achieved through increased maintenance as well as installing additional artificial drainage. Should this provision increase in maintenance regimes, it can be assumed that the carrying capacity of key sites within Milton Keynes will also increase.</p>
<p>What are the main characteristics of the future supply and demand for provision?</p>	<p>In terms of the future demand changes on the current supply, this change in demand can be seen to worsen deficit's present across the study area. Deficits also occur in the West and Central sub areas, where provision was suitable for the current level of demand. However, when considering Milton Keynes as a whole, there is a surplus amount of provision when considering formal pitch provision, however training provision in the future does produce a deficit.</p>

Key Question	Analysis
Is there enough accessible and secured community use provision to meet future demand?	Referencing the question above, it can therefore be proven that the current level of accessible community sites are not suitable to deal with the future demand predicted within Milton Keynes, when referring to sub area analysis. When taking the data in its entirety, it can be shown that the level of supply for formal pitch demand is suitable, and slight deficits only occur on training provision.

Section 6: Hockey Analysis



6 Hockey Analysis

6.1 Introduction

6.1.1 In order to understand the overall objectives and priorities of England Hockey, an analysis of key recent strategies and documentation has been undertaken and summarised below.

6.2 Strategic Priorities

6.2.1 In 2017 England Hockey published the latest facilities strategy for the sport, which replaces the previous 2012 edition and aims to help every hockey club in England work towards having appropriate and sustainable facilities that provide excellent experiences for players.

Vision: For every hockey player in England to have appropriate and sustainable facilities that provide excellent experiences for players.

Mission: More, Better, Happier players with access to appropriate and sustainable facilities

6.2.2 The club market for hockey is well structured and clubs are required to affiliate to England Hockey to play in community leagues. As a result, only a few occasional teams lie outside of the EH affiliation structure. Schools and Universities are the other two areas where significant hockey is played.

6.2.3 England Hockey has the ambition of doubling participation in the sport. To enable this, the following three objectives have been highlighted;

- **PROTECT: To conserve the existing hockey provision.** EH currently has over 800 pitches that are used by hockey clubs (club, school, universities). We need to retain the current provision where appropriate to ensure that hockey is maintained across the country
- **IMPROVE: To improve the existing facilities stock (physically and administratively).** The current facilities stock is ageing and there needs to be strategic investment into refurbishing the pitches and ancillary facilities. There needs to more support for clubs to obtain better agreements with facilities providers & education around owning an asset.
- **DEVELOP: To strategically build new hockey facilities where there is an identified need and ability to deliver and maintain.** This might include consolidation hockey provision in a local area where appropriate. Research has identified key areas across the country where there is a lack of suitable Hockey provision and there is a need for additional pitches. There is an identified demand for multi pitches in the right places to consolidate hockey and allow clubs to have all of their provision catered at one site.

6.2.4 Competitive league hockey matches, and training can only be played on sand filled, sand dressed, or water based artificial grass pitches (AGPs). EH's Artificial Grass Playing Surface Policy details suitability of surface type for varying levels of hockey, as shown overleaf.

Table 6.1: England Hockey Guidelines on Artificial Surface Types Suitable for Hockey

Category	Surface	Playing Level	Playing Level
England Hockey Category 1	Water surface approved within the FIH Global/National Parameters	Essential International Hockey - Training and matches	Desirable Domestic National Premier competition Higher levels of EH Player Pathway Performance Centres and upwards England
England Hockey Category 2	Sand dressed surfaces within the FIH National Parameter	Essential Domestic National Premier competition Higher levels of player pathway: Academy Centres and Upwards	Desirable All adult and junior League Hockey Intermediate or advanced School Hockey EH competitions for clubs and schools (excluding domestic national league)
England Hockey Category 3	Sand based surfaces within the FIH National Parameter	Essential All adult and junior club training and league Hockey EH competitions for clubs and schools Intermediate or advanced schools hockey	
England Hockey Category 4	All 3G surfaces	Essential None	Desirable Lower level hockey (Introductory level) when no category 1-3 surface is available.

- 6.2.5 For senior hockey teams, a full-sized pitch for competitive matches must measure at least 91.4 x 55 meters excluding surrounding run off areas which must be a minimum of two meters at the sides & three meters at the ends. England Hockey preference is for four metre side and five metre end run offs, with a preferred overall area of 101.4 x 63 meters though a minimum overall area of 97.4 x 59 meters is accepted.
- 6.2.6 It is considered that a hockey pitch can accommodate a maximum of four matches on one day (peak time) provided that the pitch has floodlighting. Training is generally midweek and requires access to a pitch and floodlights.

6.3 Supply

6.3.1 Milton Keynes has 4 AGPs (3 sites) of a suitable surface for hockey. All facilities are a suitable size to play competitive Hockey on. Table 6.2 below details all pitches that are suitable for competitive hockey in Milton Keynes.

Table 6.2: Quantity Overview for Hockey Facilities in Milton Keynes

Site Name	Sand Based / Water based	Ownership	Management	Availability of community use / Security of community use	Size
Ousedale School (Newport Pagnell Campus)	Sand Filled	Education	Education	Available/Unsecured	100x60
Lord Grey School	Sand Filled	Education	Education	Available/Unsecured	100x60
Woughton On the Green Playing Field	Sand Dressed	Local Authority	Local Authority	Available/ Secured	100x60
Woughton On the Green Playing Field	Sand Dressed	Local Authority	Local Authority	Available/ Secured	100x60

6.3.2 The table shows that all of the 4 pitches are suitable for competitive hockey use are available to the community. At the time when research was undertaken (2019), 2 of the 4 pitches were considered to be available on a secured basis. This means that the clubs using the Woughton on the Green Playing Field site are seen to be secured for future use of the facility.

6.3.3 Figure 6.1 presented later in this chapter shows the drive-time catchments of each pitch in the Study Area up to a 20-minute commute (Milton Keynes resident's closest AGP is identified by the unique colour denoting each of the hockey pitches).

6.3.4 Table 6.3 below details the condition of provision and relevant facility information also.

Table 6.3: Quality Overview for Hockey Facilities in Milton Keynes

Site Name	Sand Based / Water based	Floodlit	Year Built (Year refurbished)	Condition (Quality score)
Ousedale School (Newport Pagnell Campus)	Sand Filled	Yes	2006 (N/A)	64.52% - Standard
Lord Grey School	Sand Filled	Yes	2001 (N/A)	46.24% - Poor
Woughton On The Green Playing Field	Sand Dressed	Yes	1991 (2013)	78.70% - Standard
Woughton On The Green Playing Field	Sand Dressed	Yes	1991 (2013)	78.70% - Standard

6.3.5 Table 6.4 below shows the available peak-time capacity of the available facilities in the Milton Keynes.

Table 6.4: Peak Time Capacity of Available Hockey Pitches

Site name	AGP type	Weekday peak hours available	Saturday match slots available	Sunday match slots available
Ousedale School (Newport Pagnell Campus)*	Sand Filled	16	0	0
Lord Grey School	Sand Filled	20	4	4
Woughton On The Green Playing Field	Sand Dressed	20	4	4
Woughton On The Green Playing Field	Sand Dressed	20	4	4

*Facility is not open on weekends

6.3.6 The table above shows that there is a total capacity of 80 mid-week hours of available training capacity in Milton Keynes, will all sites offering the same amount of available capacity. There are also 16 available slots on Saturday's and 16 on Sunday's in order to meet formal match play for competitive sides within Milton Keynes.

6.3.7 All pitches outlined above are single site pitch facilities, despite there being two pitches present at Woughton on the Green Playing Field, which have been treated as separate for the purposes of this section.

6.3.8 It should be noted that Lord Grey School has not been included in capacity calculations due to the pitch being seen as unplayable in its current poor quality state.

6.4 Current Demand

6.4.1 There are 3 hockey clubs that operate within Milton Keynes. The breakdown of the number of teams within the clubs are detailed in Table 6.5 below.

Table 6.5: Club analysis

Club Name	Adult Teams			Juniors	Total
	Senior Men	Senior Women	Mixed		
Milton Keynes Hockey Club	6	5	0	8	19
Enigma Ladies Hockey Club	0	1	0	0	1
Olney Hockey Club	0	0	0	1	1

6.4.2 The table shows that there is a significant amount of adult demand in the Study Area, with this comprising 55% of all teams. Junior teams are only present within Milton Keynes Hockey Club and Olney, where there are 9 teams total. Olney hockey club only have a junior hockey side with their relevant demand being located indoors; however, there are plans for the club to expand into a senior section and will require the adequate facilities as a result.

6.4.3 Olney Hockey club do not currently have a 'home' site which is seen to be hindering their ability to grow and expand.

6.4.4 Milton Keynes Hockey Club is the largest club in Milton Keynes. The club comprises of 11 senior teams, male and female, as well as 8 junior sides. The club makes up 90% of teams in Milton Keynes.

6.4.5 Table 6.6 below shows the demand produced by the 20 teams, measured in in hours.

Table 6.6: Competitive Match Demand

Team Requirements	Number of teams	Competitive hours required		
		Weekday	Saturday	Sunday
Senior Teams (16-65)	12	0	11	0
Junior Teams (11-15)	9	0	0	8

Table 6.7: Training Demand

Team Requirements	Number of teams	Training hours required		
		Weekday	Saturday	Sunday

Senior Teams (16-65)	12	7.5	0	0
Junior Teams (11-15)	9	1.5	0	3

- 6.4.6 Table 6.7 above shows that there is a total of 12 hours produced by the 21 teams for training demand. This training demand takes place on the artificial provision during the week. Of these 12 hours, 7.5 (62.5%) is produced by 11 adult teams.
- 6.4.7 In terms of competitive match day demand, the three clubs within Milton Keynes have a total of 19 competitive match hours worth of demand which is being met by artificial provision within Milton Keynes. This demand is taking place on a Saturday and Sunday in Milton Keynes.
- 6.4.8 It should be noted that junior demand is understood to be shared between match or training demand depending on the schedule of fixtures.

6.5 Unmet, Latent and Displaced Demand

6.5.1 In addition to the existing demand, the study also seeks to identify where existing current demand is not being fulfilled. The 2013 Sport England Methodology prescribes that this should be done through the identification of demand that is displaced, unmet, or latent. The definitions of these terms can be found below:

- **Displaced demand** generally relates to play by teams or other users of playing pitches from within the Study area (i.e. from residents of the Study area) which takes place outside of the area. This may be due to issues with the provision of pitches and ancillary facilities in the Study area, just reflective of how the sports are played (e.g. at a central venue for the wider area) or due to the most convenient site for the respective users just falling outside of the local authority/Study area.
- **Unmet demand** is demand that is known to exist but unable to be accommodated on current supply of pitches. This could be in the form of a team with access to a pitch for matches but nowhere to train or vice versa. This could also be due to the poor quality and therefore limited capacity of pitches in the area and/or a lack of provision and ancillary facilities which meet a certain standard of play/league requirement. League secretaries may be aware of some unmet demand as they may have declined applications from teams wishing to enter their competitions due to a lack of pitch provision which in turn is hindering the growth of the league.
- **Latent demand** is demand that evidence suggests may be generated from the current population should they have access to more or better provision. This could include feedback from a sports club who may feel that they could set up and run an additional team if they had access to better provision.

6.5.2 Table 6.8 below captures the levels of unfulfilled demand in Milton Keynes:

Table 6.8: Unfulfilled Demand by Club (Hours per Week)

Club Name	Displaced Demand		Unmet Demand		Latent Demand		Total (Hrs)
	Hrs	Reason	Hrs	Reason	Hrs	Reason	
Milton Keynes HC	-		-		-	The club require indoor provision in order to expand the sporting offer on site. The club have not confirmed any formal team numbers expected, it is just a future development priority at the moment.	-
Olney Hockey Club	-		-		-	This is currently a club with only a youth section which has their play being located indoors but they aspire to have an adult side within the next 3-5 years.	1
Engima Ladies Hockey Club	-		-		-	-	-
Total	-		-		-		1

6.6 Imported Demand

6.6.1 It should be noted that in addition to the demand placed on hockey facilities from the 3 clubs within the study area, there is also potential for imported demand from clubs who are based outside of the study area, to be apparent. The Milton Keynes PPS has not identified any imported demand.

6.7 Future Demand

6.7.1 Having reviewed the current demand for pitches within the Study Area, the report will now move to review the projected future demand for Milton Keynes.

Future Demand Driven by Population Growth

6.7.2 To calculate the future demand for hockey in Milton Keynes, the study has utilised Sport England's Playing Pitch Calculator (PPC)⁸. The PPC uses the following factors to determine future provision need; existing population; the number of teams in each age category; the peak-time distribution of demand; the growth trends for each age/gender group; and, the projected change in participation rate.

6.7.3 Full guidance regarding the methodology behind the calculator is available via the Sport England tool Active Places Power⁹ (authorisation may be required to access this tool). Please note that the future additional need for pitches indicated below is on the assumption that all future demand generated will be required to be met by additional (new) pitches. In reality it may be that this could be met by the existing pitch stock (this will be tested below).

⁸ <https://www.activeplacespower.com/reports/playing-pitch-calculator>

⁹ <https://www.activeplacespower.com/reports/playing-pitch-calculator>

Table 6.9: Sport England Playing Pitch Calculator future projections for Hockey Provision in Milton Keynes

DATA INPUT			PPC OUTPUT	
Current Population	268,607			
Projected Growth	30,797			
Projected Future Popn.	299,404			

Table 6.10: Future projections for Hockey demand in Milton Keynes

Age / Gender Group	Current				Future ADDITIONAL need			
	Population of Group	Number of teams	% of participation in the peak period*	% change in participation	Number of teams generated by the new population PLUS any change in demand	Additional match demand in match equivalent sessions per week (mepw)	Additional training demand in match equivalent sessions per week (mepw)	Additional pitches required
Adult Men (17-55yrs)	70,127	6	100%	0%	0.69	0.34	1.03	0.16
Adult Women (17-55yrs)	70,285	5	100%	0%	0.57	0.29	0.86	-
Youth Boys (14-16yrs)	4,949	2	100%	0%	0.23	0.11	0.13	0.10
Youth Girls (14-16yrs)	4,693	2	100%	0%	0.23	0.11	0.13	-
Youth Boys (11-13yrs)	5,685	1	100%	0%	0.11	0.06	0.04	-
Youth Girls (11-13yrs)	5,382	1	100%	0%	0.11	0.06	0.04	-
Mini Mixed 5-10yrs)	25,407	2	100%	0%	0.23	0.11	0.05	-

- 6.7.4 The above table demonstrates that the population projection in Milton Keynes is to lead to an increase in demand for hockey, with an additional 2.17 teams expected across the study area.
- 6.7.5 The area that is expected to experience the largest growth in hockey team numbers is for adult males and females with an increase of 1.27 teams combined. The lowest projected growth from the PPC calculations is seen across the youth and the mini mixed teams and this is due to reduction in the population projections in these age groups.
- 6.7.6 Table 6.10 above highlights the number of additional pitches required to accommodate changes in demand from hockey teams. The calculator expects that 0.26 sand based AGP's will be required to accommodate future demand growth.
- 6.7.7 Utilising the current demand for hockey in each of the sub areas and how each of the sub-areas is projected to grow, with only major hockey club within the study area is it expected that the growth will occur in this particular sub area with all the demand being targeted at this club (Milton Keynes Hockey Club).

Demand Driven by Latent Demand

- 6.7.8 While a large amount of future demand will be driven by population growth, it is also likely that clubs and operators are successful in converting latent demand into actual demand, therefore increasing the number of people playing hockey.
- 6.7.9 As suggested above, however, the three clubs within Milton Keynes has shown no expression of desire to increase the number of sides present. Milton Keynes Hockey Club has suggested an increase in indoor demand is a future development priority.
- 6.7.10 During consultation with England Hockey, it has also been revealed that improvements to ancillary facilities is required to accommodate additional demand.

Demand Driven by Informal Demand

- 6.7.11 With the success of the England Women's team at the Rio 2016 Olympic Games, accompanied by significant investment into the grass roots game by England Hockey, there is an aspiration to increase the amount of people playing informal hockey, either as an entry point into the more formal game or simply as a way of providing people with fun ways of keeping active. England Hockey have set a target of doubling participation by 2028.
- 6.7.12 Among others, England Hockey are looking to promote Back to Hockey, Rush Hockey and Indoor Hockey, all of which are easily accessible programmes that are easy for those who are not experienced hockey players to play and enjoy.
- 6.7.13 It is expected that as these informal forms of the game grow, there will be an increase in the number of participants playing both informal and formal hockey. The scenario testing section of the Strategy Document will look to calculate the future need for facilities, should this growth be realised.
- 6.7.14 England Hockey have also launched Hockey Heroes which is a 6-week hockey programme which is aimed at beginners aged between 5-8 years old. Sessions run outside of clubs' normal junior training slots. This programme links with England Hockey's aim to double participation by 2028.

6.8 Supply and Demand Balance

Supply and Demand Balance – Capacity Analysis

- 6.8.1 To calculate whether there is any spare capacity at hockey sites in the Study Area, Table 1.11 shows the supply and demand figures for community use hockey facilities in Milton Keynes. This table contains demand (in hours) from competitive matches as well as training required by local clubs.
- 6.8.2 In order to assess the availability of hockey facilities at peak times, it has been assumed that the period of highest demand for hockey matches is on a Saturday. Only sites with Hockey demand have been used.
- 6.8.3 It should be noted that the table below only presents the capacity balance for sites that have community hockey demand placed on them.

Table 6.11: Supply and Demand Balance for Hockey in Milton Keynes (Hockey demand only)

Site name	Supply (hours)			Demand (Hours required – for training and matches)			Balance (Hours)		
	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
Woughton On the Green	40	16	16	7.5	11	11	32.5	5	5

Site name	Supply (hours)			Demand (Hours required – for training and matches)			Balance (Hours)		
	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
Playing Field*									
Ousedale School (Newport Pagnell Campus)	16	0	0	1.5	0	0	14.5	N/A	N/A

*This is a double AGP site and so has an increased level of overall supply

- 6.8.4 Table 6.11 illustrates that there is substantial spare capacity at all sites used for hockey in Milton Keynes. It should be noted that this table includes hockey demand only and, as highlighted in the AGP analysis section of this report, sites can also meet demand from community football clubs.
- 6.8.5 The supply and demand analysis for Woughton on the Green Playing Field indicates spare capacity on weekdays and both days of the weekend.
- 6.8.6 The impact of expected growth in hockey demand will be addressed later in this section.
- 6.8.7 Table 6.12 below provides the capacity balance position for sites that are used for community hockey in the study area; however, in contrast to table 6.11 above, this table incorporates demand from all sports. This is because hockey appropriate AGP's are often used for training for sports such as football.

Table 6.12: Supply and Demand Balance for Hockey in Milton Keynes (All demand)

Site name	Supply (hours)			Total Demand (Hours)			Balance (Hours)		
	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
Woughton On the Green Playing Field*	40	16	16	28	11	10	12	5	5
Ousedale School (Newport Pagnell Campus)	16	0	0	15	0	0	1	N/A	N/A

- 6.8.8 Table 6.12 above shows that when incorporating the demand from all sports placed on hockey appropriate AGP's, there is a reduction in the level of overall spare capacity. Despite this, it shows that there is currently enough supply to accommodate the current level of hockey demand.
- 6.8.9 It should be noted that MK Dons FC use the AGP's for midweek training; however, there are currently conversations ongoing regarding their potential exit from the site.

Peak Time Capacity Analysis

- 6.8.10 In line with the 2013 Sport England PPS guidance, this study has considered the total supply and demand for facilities, measured in match equivalent sessions per week.
- 6.8.11 While this is a valuable measure of whether or not AGP facilities are at capacity, the patterns of demand should also be considered when assessing whether there are sufficient facilities across the Study Area.

- 6.8.12 With this in mind, this section undertakes a peak time capacity analysis, to assess whether there are sufficient facilities during the periods that the greatest proportion of the population like to play hockey.
- 6.8.13 This will indicate whether there is enough capacity to satisfy the demand where a large amount of hockey is played at the same time (e.g. are there enough match slots so that all adult and junior teams can to play at the favoured times on Saturday and Sunday?)
- 6.8.14 Table 6.13 details the number of peak time match slots available in Milton Keynes which have been used in the capacity calculations in Table 6.12.

Table 6.13: Peak Time Capacity Analysis for Milton Keynes Hockey Provision (Calculated in hours)

Age Group (Preferred Match Slot)	No. of Teams	Peak Time Demand (hours)	Peak Time Capacity (hours)	Balance (hours)	Commentary
Adult (Saturday 10-6*)	12	19	16	3	1.5 Match Slots Available
Junior (Sunday 10-6)	9	3	16	13	6.5 Match Slots Available

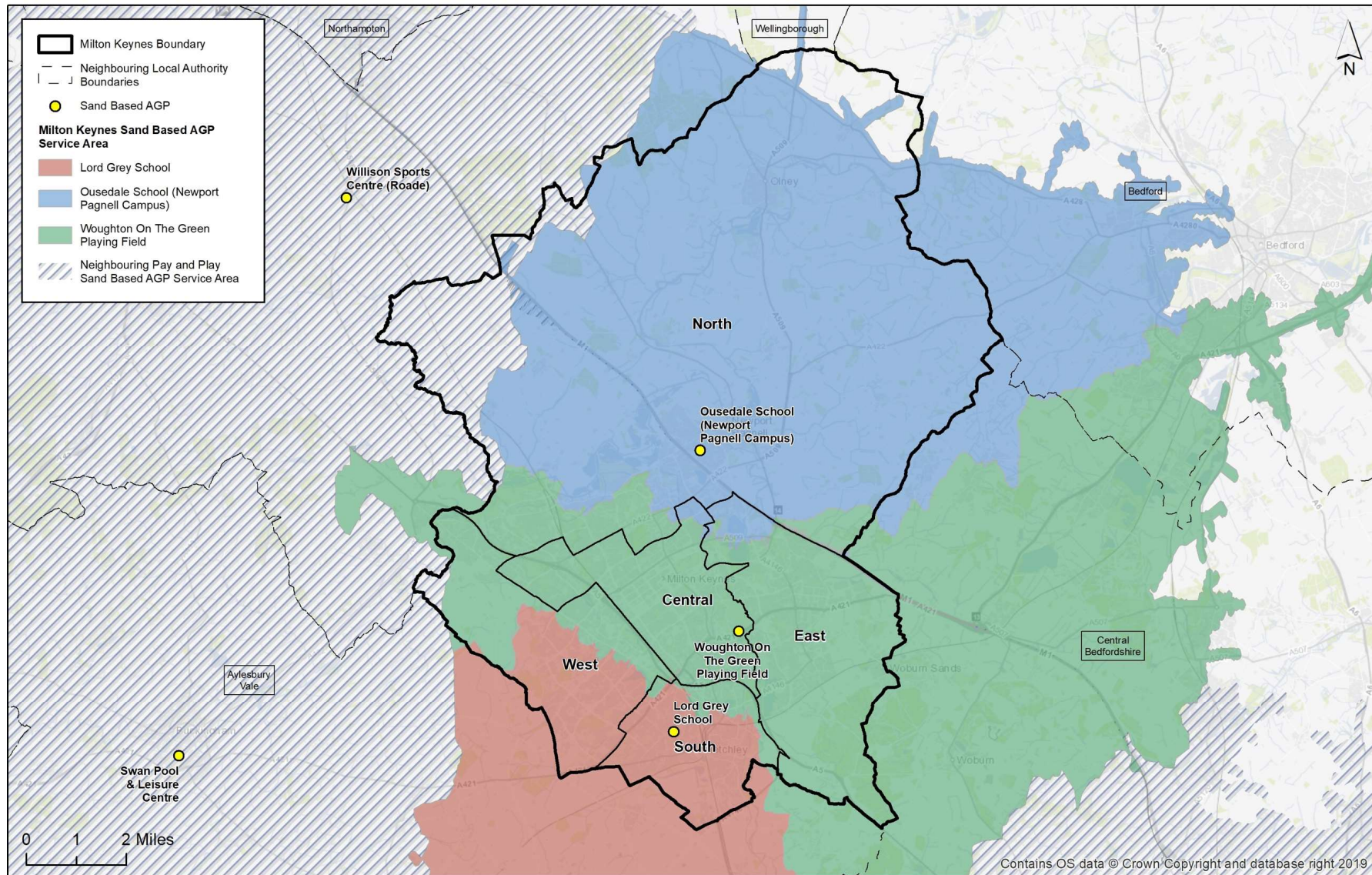
*Adult fixtures are occasionally played on Sunday (depending on league rules) however, for this analysis, peak time adult demand is assumed to be Saturday.

- 6.8.15 Table 6.13 indicates that, when including all available sites in the analysis, there is spare capacity of 1.5 match slots for adult hockey and 6.5 match slots for junior hockey across Milton Keynes during periods of peak demand.

Supply and Demand Balance – Spatial Analysis

- 6.8.16 Figure 6.2 provides a spatial analysis of full-size, sand or water based AGPs in the Study Area in order to assess whether the current provision of ‘strategic’ hockey facilities meet the needs of the local residents. These maps also include full-size AGPs from neighbouring local authorities, as there is significant potential exporting of demand if the facilities in neighbouring local authorities are an attractive offer for residents. The coloured areas show the unique catchment area of each of the AGPs, which indicates the closest AGP, with 20-minute drive time, for local residents.
- 6.8.17 Figure 6.2 shows that the majority of residents in Milton Keynes are serviced (within a 20-minute drive time) by AGPs located within the Study Area. The main hockey site at Woughton on the Green is located in the central sub area which gives a large drive time radius. The neighboring local authority ‘s mostly serves areas to the western side of the study area.
- 6.8.18 It should be noted, however, that due to the poor condition of Lord Grey School it is now considered unable to accommodate hockey demand. Therefore, a proportion of residents in the South and West sub areas are not serviced by a hockey compliant AGP within a 20-minute drive time.

Figure 6.1: Spatial Analysis and Cross Boundary Demand for Sand or Water Based AGPs in Milton Keynes: All AGP Data from Active Places Power



6.9 Site by Site Analysis

6.9.1 Table 6.14 summarises the key parts of the PPS assessment that have been identified so far within this Hockey specific section.

Table 6.14: Site by Site Analysis for Hockey in Milton Keynes

Site Name	Pitch Type and Size	Quality rating	Balance (Total hours)	Site Summary
Ousedale School (Newport Pagnell Campus)	Sand Filled (100x60)	64.52% - Standard	+1	This Educational facility is home to 1 Sand Filled AGP that is of standard provision throughout. The provision is full sized and has suitable floodlighting. No development priorities were identified on site. The site does meet educational demand across a range of sports and therefore it is important to recognise that there will be deterioration of provision as a consequence. This site is also used for community hockey training demand for Olney Hockey Club.
Lord Grey School	Sand Filled (100x60)	46.24% - Poor	No demand identified	This facility has 1 Sand Filled AGP that is of poor provision on site. The provision is full sized and has suitable floodlighting. No development priorities were identified on site, and this site currently does not meet any formal hockey demand. The quality of the surface is poor and clubs see this site as unplayable.
Woughton On The Green Playing Field	Sand Filled (100x60) Sand Filled (100x60)	78.70% - Standard 78.70% - Standard	+22	The site is home to all Hockey Club demand in Milton Keynes and the AGPs are protected for hockey use. The site is owned by the authority and leased to 1life and the MK Dons Football Club. The ancillary building was opened in 1991 and receives a lot of use by the club. The facilities are evidently dated and in need of investment. The site is of standard provision on both facilities. Renovation of both facilities will be required in the future, and due to the high quality of fixture present on site, this is recommended. Consultation with England hockey revealed that although the site is seen to be secured for community use for clubs, the increase pricing through the leisure operator is proving very challenging for the club and if it continues will be detrimental to its growth and wider hockey offer.

6.6 Capacity Analysis

- 6.6.1 The following section contains the summary capacity analysis for hockey in Milton Keynes. This takes into consideration the current position for hockey, as well as a potential future analysis, should the demand that has been displaced from the area return.
- 6.6.2 It should be noted that the supply provided by Lord Grey School has not been included in these calculations as the surface is seen to be unplayable in its current state. In addition, this analysis includes the demand on these facilities from all sports.

Table 6.15: Summary of Capacity Balances for Hockey (Hours)

Analysis	Notes	Supply (Hours)			Demand (Matches + Training in Hours)			Balance (Supply Minus Demand)		
		Week	Sat	Sun	Week	Sat	Sun	Week	Sat	Sun
1. All Available sites	This includes all available sites and their capacity	56	16	16	43	11	11	13	5	5
2. With displaced demand	As above, including displaced demand	56	16	16	43	11	11	13	5	5
3. All Available sites; FUTURE analysis	As above, but including the projected growth in demand	56	16	16	44	13	12	12	3	4

- 6.6.3 Table 6.15 shows that there is currently sufficient supply of available sites to accommodate current and future demand from hockey across the Study Area.
- 6.6.4 When analysing the current position for hockey, it can be seen that there is a large amount of spare capacity for all available sites in the study area, with 13 hours of spare capacity in the week, 5 hours on a Saturday and 5 hours on a Sunday.
- 6.6.5 After incorporating future demand growth, there remains a level of spare capacity for hockey provision in the study area. There is expected to be a relatively small increase to the level of demand from population growth with an increase of 2.17 teams (table 6.9); however, the current level of supply will be able to accommodate this increase in demand. It is also important though to account for any latent demand from other local authorities.

6.7 Hockey Summary

6.7.1 This section summarises the findings from the findings from the hockey analysis, which will form the basis of the recommendation and action plan section for Milton Keynes.

6.7.2 The Table 6.16 includes the response to 5 key questions which are identified in the Sport England PPS Guidance Checklists. Using these key questions to summarise the findings of each of the sport chapters creates consistency, not only within the report but with similar PPS projects in neighbouring local authorities and further afield.

Table 6.16: Key PPS Findings for Hockey in Milton Keynes

Key Question	Analysis
What are the main characteristics of the current supply and demand for provision?	There is a total of 4 AGPs (at 3 sites) within Milton Keynes that are suitable for competitive hockey and all of these are available for community use. The hockey sites are equally owned by educational establishments and the local authority. There are three hockey clubs currently utilising facilities in Milton Keynes, comprising of a total of 19 teams. The largest club in the area are Milton Keynes Hockey Club who have 18 teams, including both adults and juniors. Neither clubs have displaced demand outside of the Study Area, due to lack of capacity.
Is there enough accessible and secured community use provision to meet current demand?	There are 2 AGPs that have secure tenure agreements and both of these pitches are located at Woughton on the Green Playing Field. Given that there are currently 3 clubs in the Study Area this is sufficient to meet the current demand in terms of pure club numbers. The capacity analysis revealed that there is spare capacity at available sites when applying all formal hockey demand. This ignores demand from other sports which can impact on the ability of clubs to access the pitch. The analysis presented in this chapter focused on all available sites within the study area. It should be emphasised that this analysis includes a large number of sites that are deemed to be unsecured for community use in the future. This means that this supply could be removed at any time as there is no formal agreement in place to protect this use. A scenario will be run at stage d of this PPS to assess the capacity balance for hockey if all unsecured provision was removed from the supply.
Is the provision that is accessible of sufficient quality and appropriately maintained?	The overall quality of the provision in Milton Keynes is seen as standard with 3 of the 4 of pitches being scored of 'Standard' and the remaining pitch rated as 'poor'. The lowest scoring pitch is located at Lord Grey School. Maintenance has not been identified as a key issue. With regards to ancillary facilities, there were certainly areas of poor quality, most notably at the Woughton On The Green Playing Field site.
What are the main characteristics of the future supply and demand for provision?	It is important to recognise that the sport has enjoyed significant growth since the Women's gold medal at the Rio Olympics, which it is hoped will stimulate further growth at both junior and age groups across the country. Future demand for hockey in Milton Keynes is projected to have slightly increased, through a combination of population growth and the conversion of latent demand, with 2.17 additional new teams identified as part of the analysis. There is also expected to be an increase in participation through informal Hockey. England Hockey are looking to promote Back to Hockey, Rush Hockey, Hockey Heroes and Indoor Hockey, all of which are easily accessible programmes that are easy for those who are not experienced hockey players to play and enjoy. The supply of hockey provision in the area is unlikely to change, with no changes identified in consultations with clubs. This increase in demand is associated with population growth but does not into account large housing developments in certain areas, if these were to occur it is to be expected for the growth rates of teams to increase.

Key Question	Analysis
	Through consultation with England hockey, it was emphasised that there is a constraint to growth of hockey due to a lack of multi-sport AGP facilities located within educational settings, which is impacting on the ability to provide a quality experience on the appropriate surface. This also limits the level of in-school and after school hockey offerings. England Hockey would therefore be keen to see more multi-sport surfaces to maximise the sporting opportunities for all within new education developments.
Is there enough accessible and secured community use provision to meet future demand?	The analysis shows that there is sufficient capacity to accommodate further growth in team numbers. However, this only accounts for demand from formal hockey on the pitches and no other sports. This mixed usage is addressed in more detail in the AGP Analysis chapter of this report.

Section 7: AGP Analysis



7 Artificial Grass Pitch (AGP) Analysis

7.1 Introduction

- 7.1.1 There are three surface types that fall into the category of Artificial Grass Pitches (AGP); rubber crumb (3G), sand-based (filled or dressed) and water based. The Hockey section (Section 6) of this needs assessment presents the position for sand-based and water-based provision, with this section focusing on third generation (3G) facilities that are suitable for football and rugby, as well as sand-based provision that is currently used for football training, but not an ideal surface.

3G AGP Usage for Football

- 7.1.2 The FA and Football Foundation considers high quality 3G pitches as essential in promoting coach and player development across all age groups. These pitches can support intensive use and as such are valuable assets for both playing and training. Primarily, such facilities have been installed for community use and training however they are increasingly used for competition, which the FA wholly supports providing the pitch has been appropriately tested and is on the FA 3G pitch register. The FA's long-term ambition is to provide every affiliated team in England with the opportunity to train once a week on a floodlit 3G surface together with priority access for Charter Standard Community Clubs through a partnership agreement.
- 7.1.3 The FA has adopted the use of 3G pitches across all its competitions and incorporated this into the standard code of rules. This decision was taken due to the significant advances that have been made to the development of 3G Football Turf (FT) and the adoption of these surfaces by professional leagues throughout Europe and by both UEFA and FIFA for major competitions.
- 7.1.4 Competitive affiliated football can take place on 3G surfaces that have been tested to FA standards and is on the FA 3G Football Turf Pitch Register. All football training can take place on sand and water-based surfaces but only when there is no affordable 3G available locally.

3G AGP Usage for Rugby

- 7.1.5 The use of 3G AGP provision for rugby match play and training has increased significantly in the past 10 years, due to a combination of improved technology, greater investment and changing player behaviour.
- 7.1.6 Clubs and operators are increasingly seeing the benefit of utilising 3G provision, due to the durability of the surface and the ability of clubs to play back to back matches, as well as using the same surfaces for both match play and training.
- 7.1.7 For facilities to be used for contact training or affiliated match play, pitches must be World Rugby 22 (WR22) compliant, which ensures pitches have an adequate shock pad and length of synthetic grass to ensure they are safe to play on.
- 7.1.8 The RFU's Rugby365 programme invests in 3G AGP provision, with the overall objective of improving player experience. Further information can be found on England Rugby's website.

7.2 Supply

- 7.2.1 Table 7.1 provides a full list of all AGPs in Milton Keynes, identified as part of the audit. For each of the AGPs across the Study Area, the supply and demand has been summarized, with identification of spare capacity in the peak period where relevant.

- 7.2.2 Detailed audit data for each facility, as well as whether they are included on the FA register are included in Appendix B.
- 7.2.3 The Study Area currently has six full-sized 3G AGPs, of which five of these pitches are available for community use and used heavily through periods of peak demand. Four of the pitches are seen to be secured for community use.
- 7.2.4 With regards to full sized, hockey appropriate AGP's, there are currently 4 within the study area, and only two of these AGP's are considered securely available for community use. This means that the study area is heavily reliant on provision that is unsecured for community use. This presents a potential issue that this provision could be pulled from the supply in the short term.
- 7.2.5 The weekday peak times are 6pm to 9pm and at weekends from 10am to 6pm. All facilities are floodlit which increases their peak time availability throughout the winter. Table 2.3 details the current level of spare peak time capacity at each site and the cost to hire out the facility.
- 7.2.6 In addition to the full-size pitches, there are 21 small-sided 3G pitches that can be used for training and junior match play. The additional capacity that is provided by these facilities will be addressed in the following supply and demand balance section.

Table 7.1: Full AGP Audit in Milton Keynes

Site Name	Pitch Type	Availability	Security of community use	Size	Age of Surface	Floodlighting	Agreed Pitch Rating	FA Registered
Emerson Valley Combined School	3G	Not Available	N/A	25x10	5-10 years	Yes	64.52% - Standard	No
Fulbrook School*	3G	Available	N/A	100x60	Less than 2 years	Yes	Good	No
Heelands Sports Ground	Sand Filled	Available	Secured	26 x13	5-10 years	Yes	64.52% - Standard	No
Leon Leisure Centre	3G	Available	Secured	100x65	Over 10 years	Yes	61.19% - Standard	Yes
Lord Grey School	Sand Filled	Available	Unsecured	100x60	5-10 years	Yes	46.24% - Poor	No
Newton Leys Primary School	3G	Available	Unsecured	80x52	2-5 years	No	80.65% - Good	No
Ousedale School (Newport Pagnell Campus)	Sand Filled	Available	Unsecured	100x60	5-10 years	Yes	64.52% - Standard	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	40x30	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	30x20	2-5 years	Yes	84.26% - Good	No
Powerleague (Milton Keynes)	3G	Available	Unsecured	40x30	2-5 years	Yes	84.26% - Good	No
Radcliffe School	3G	Available	Unsecured	100x65	5-10 years	Yes	64.52%- Standard	No
Rickley Park Primary School	3G	Available	Unsecured	80x45	5-10 years	No	73.12% - Standard	No
Shenley Brook End School	3G	Available	Unsecured	50x42	over 10 years	Yes	63.89% - Standard	No
Shenley Leisure Centre	3G	Available	Secured	45x34	less than 2 years	Yes	87.04% - Good	No
Shenley Leisure Centre	3G	Available	Secured	45x34	less than 2 years	Yes	87.04% - Good	No
Sport Central	3G	Available	Secured	105x70	less than 2 years	Yes	94.62% - Good	No

Site Name	Pitch Type	Availability	Security of community use	Size	Age of Surface	Floodlighting	Agreed Pitch Rating	FA Registered
St Bernadette's Catholic Primary School	Sand Filled	Not Available	N/A	18x12	5-10 years	No	34.41% - Poor	No
Stantonbury Arts & Leisure Trust	3G	Available	Secured	100x60	5-10 years	Yes	64.52% - Standard	No
Tattenhoe Sports Pavilion	3G	Available	Secured	105x70	less than 2 years	Yes	88.89% - Good	No
The Milton Keynes Academy	Sand Dressed	Available	Unsecured	60x30	5-10 years	Yes	64.52% - Standard	No
Walton High (Brooklands Campus)	3G	Not Available	N/A	100x55	Less than 2 years	Yes	100.00% - Good	No
Willen Lake	3G	Available	Secured	60x40	5-10 years	Yes	64.52% - Standard	No
Willen Lake	3G	Available	Secured	60x40	5-10 years	Yes	64.52% - Standard	No
Woughton Leisure Centre	Sand Dressed	Available	Secured	60x30	5-10 years	Yes	64.52% - Standard	No
Woughton On The Green Playing Field	Sand Dressed	Available	Secured	100x60	5-10 years	Yes	78.70% - Standard	No
Woughton On The Green Playing Field	Sand Dressed	Available	Secured	100x60	5-10 years	Yes	78.70% - Standard	No

**Site is not within the study area but hosts a large level of exported demand from the study area.*

Table 7.2: Peak Time Supply at Full-Size AGP Pitches

Site Name	Pitch Type	Community Use	Total Peak Time Supply (Hours)			Current Spare Availability (Hours)		
			Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
Leon Leisure Centre	3G	Available	20	8	8	6	0.25	0.25
Lord Grey School	Sand Filled	Available	20	0	0	4	0	0
Ousedale School (Newport Pagnell Campus)	Sand Filled	Available	16	0	0	1	0	0
Radcliffe School	3G	Available	20	8	8	13	7.75	7.75
Sport Central	3G	Available	20	8	8	2	6	6
Stantonbury Arts & Leisure Trust	3G	Available	20	8	8	16	6.75	6.75
Tattenhoe Sports Pavilion	3G	Available	20	8	8	5	6.75	6.75
Woughton On The Green Playing Field	Sand Dressed	Available	20	8	8	6	2	2
Woughton On The Green Playing Field	Sand Dressed	Available	20	8	8	6	3	3

7.3 Current Supply and Demand

Current Supply and Demand Modelling – Full Size 3G AGP Provision (Football)

- 7.3.1 While table 7.2 gives an overview of the current supply of AGP sites across the Study Area, further analysis is required to identify whether there are sufficient facilities to meet the demand. This analysis is based on national parameters and calculations.
- 7.3.2 As part of the FA National Game Strategy, the Football Association has identified a strategic objective to ensure that all teams playing competitive football have access to a floodlit 3G AGP to train on at least once a week. To do this, FA calculations show that a full size 3G AGP (available for community use at peak times) is required for every 38 teams.
- 7.3.3 Using demand data for Milton Keynes, 493 teams have been identified as playing within the Study Area. By applying the FA's suggested ratio of 1:38, this demonstrates the need for 12.9 full sized 3G AGPs, which it is suggested should be rounded up to 13 to allow for a comfort factor.
- 7.3.4 Supply and demand data for the project identifies 5 existing full sized 3G AGP facilities within the Study Area that are available for community use. There is therefore currently a theoretical deficit of 8 full sized 3G AGP across the Study Area.
- 7.3.5 It should be noted that this theoretical analysis only includes full sized 3G AGPs, in line with the strategic objectives of the FA and Football Foundation.
- 7.3.6 The analysis below provides the requirement for full sized 3G AGP's once incorporating all small-sided provision, which will provide a clear understanding of whether the small-sided provision in the study area provides enough capacity to reduce the future need for investment.

Supply and Demand Modelling – Full Sized and Small Sided 3G AGP Provision (Football)

- 7.3.7 While it is understood that the preferable facility type is full sized 3G AGP, given the flexibility that this provides clubs and operators, it is also important to understand the impact that small sided 3G provision has on the overall supply and demand balance for football AGPs in the Study Area.
- 7.3.8 To calculate the capacity of small sided provision, an assumption has been made as to how many teams each of the pitch typologies would be able to sustain, based on a starting of point of 38 teams for a full size AGP and using the current split of teams across the study area to calculate the number of teams that each pitch size can service.
- 7.3.9 Table 7.3 details this analysis, showing how the number of teams has been calculated using the proportion of each age group within the total football demand.

Table 7.3: Capacity Analysis for 3G AGPs per Pitch Typology

Pitch Typology	Size	Proportion of Teams That Can Use Facility	No. of Teams That The Facility Can Service	Facilities within Study Area	Capacity (No. of Teams Serviced by 3G)
11v11 (Including adult and youth)	100x60m or larger	100%	38	5	190
9v9	Between 80x50m and 100x60m	53%	22	0	0
7v7	Between 60x40m and 80x50m	35%	15	2	30
5v5	Between 40x30m and 60x40	17%	7	3	21
Total teams					241

- 7.3.10 Table 7.3 illustrates that when only full sized 3G AGP provision is included, 190 teams across the Study Area are serviced which correlates to a deficit of provision. According to the estimates provided by the FA, this means that 303 teams cannot be serviced by a 3G AGP in Milton Keynes specifically.
- 7.3.11 When small-sided 3G AGP provision is included within the capacity analysis, it is estimated that an additional 51 teams have access to 3G provision, based on the fact that a limited number of teams are able to utilise these smaller facilities. When this is combined with the capacity provided by full sized pitches, there is an estimated total capacity of 241 teams, which is still less than the number of teams identified in this study, but an increase than when considering only full sized provision.
- 7.3.12 Using this figure of 241 teams serviced by AGP facilities in the study area, this leaves 252 teams out of the total of 493 teams, without access to a 3G AGP. Therefore, when incorporating small sided AGP's into the supply, there is **a total current deficit of 7 (rounded from 6.6) full sized 3G AGP's within the study area**. This is the figure that will be taken forward through this strategy.

Demand from Walking Football

- 7.3.13 A specific requirement of this study is to understand the use of outdoor 3G facilities by Walking Football. This is a version of football aimed at players over 50 years of age. It is generally played either on artificial pitches or indoors.
- 7.3.14 This study identified that there is one walking football club in Milton Keynes - MK MaD Walkers FC.
- 7.3.15 This club use the sand dressed AGP pitch at Woughton Leisure Centre for 1 hour during the week.

7.3.16 Given the population profile within Milton Keynes there is a limited potential to increase participation in this form of football and it would have a low impact on the number of peak hours required on AGPs, however it is important to recognize these NGB initiatives.

7.4 Future Supply and Demand

AGP Future Supply and Demand Balance (Analysis 'Layer' 1)

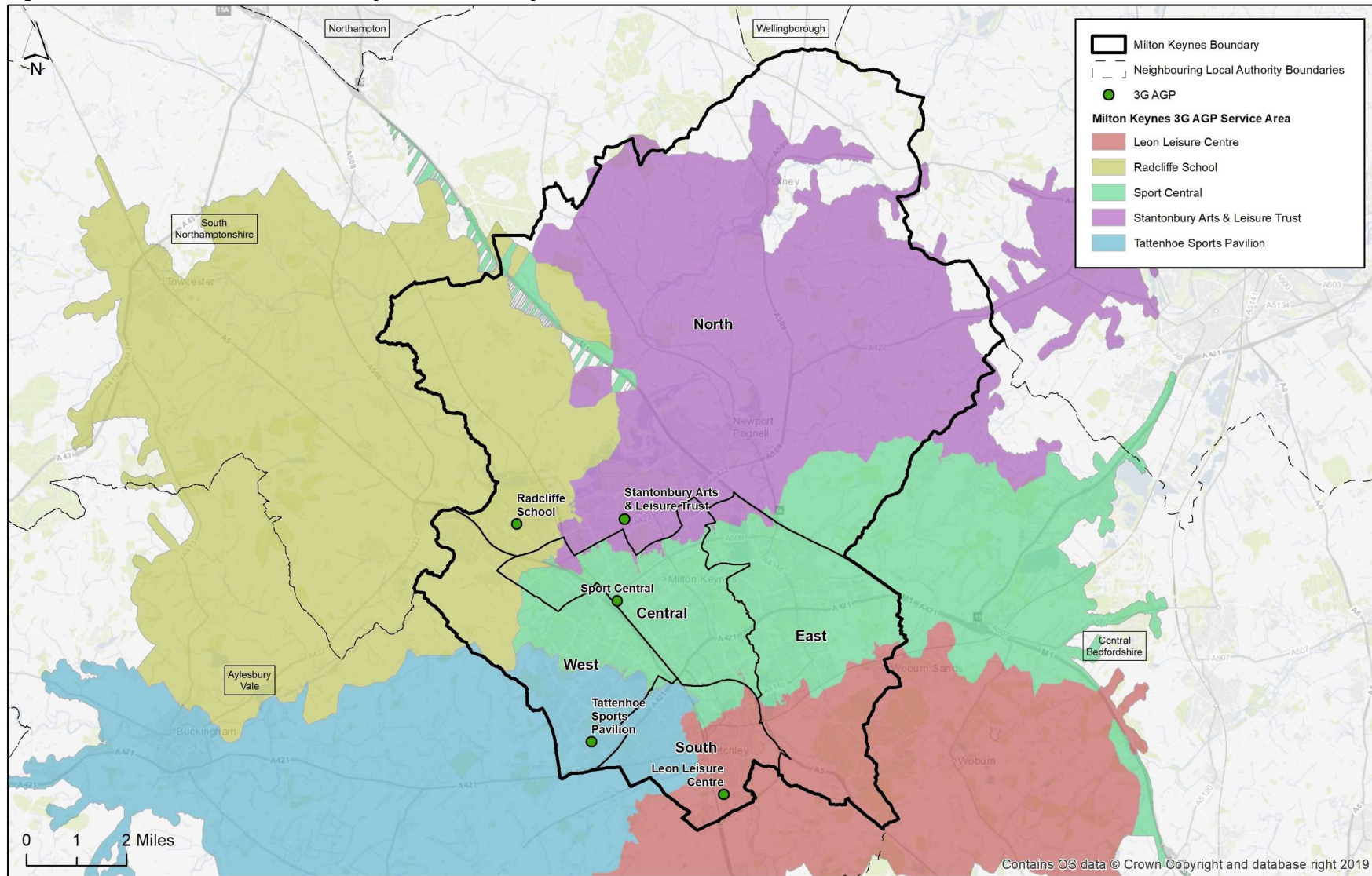
- 7.4.1 To understand the projected level of demand for 3G AGPs in Milton Keynes across the lifetime of the project, the same ratio of 1:38 has been used, as well as the additional 87 teams identified in the Playing Pitch Calculator and latent demand calculations, in 2031. As per the analysis of the current picture for AGP provision, relevant and available small sided 3G AGP provision has also been included in the future analysis, to provide a more realistic view of supply and demand.
- 7.4.2 The additional 75 teams that have been projected for football in this study by 2031, would lead to a further requirement of 2.28 (rounded to 2) full sized 3G AGP's. This, in combination with the current deficit of 7 full sized 3G AGP's, would lead to a total future deficit of 9 full sized 3G AGP's.
- 7.4.3 Table 7.6 below breaks down this future demand by sub area, which will feed into the site-specific recommendations and actions. More than half the projected new teams are expected to be in the Central sub area.
- 7.4.4 It should be noted that the future supply and demand analysis considers only full sized 3G AGPs. It is also key to consider that the additional 3G AGPs that are identified as required to service the future growth in demand, caused by population growth, the conversion of latent/unmet demand and the process of bringing displaced demand back into the Study Area. This should be considered in addition to the current deficit of provision that has been identified previously in the chapter.

Table 7.6: Future Capacity Analysis for AGPs by Sub Area

Sub Area	New Teams (As Identified in TGR and Latent Demand)	Total Number of New AGPs Required to Meet Future Demand
North	12	0
East	8	0
South	7	0
West	13	0
Central	11	2
Milton Keynes	87	2

- 7.4.5 While the above analysis provides a quantified assessment of supply and demand, it is important to consider accessibility and spatial constraints when making recommendations regarding new or increased access to AGP provision. Figure 7.1 overleaf shows the catchment area analysis for 3G AGPs in Milton Keynes, which can be used to assess the accessibility of full-size 3G AGP facilities across the Study Area.
- 7.4.6 Figure 7.1 shows the 20-minute (non-overlapping) catchment areas for the nine 3G AGPs in the Milton Keynes Study Area. This illustrates that the majority of residents in the Study Area sit within a 20-minute drive time catchment of one of the nine 3G AGPs, with small pockets in coastal areas falling outside this.
- 7.4.7 While this analysis illustrates that accessibility is good across the Study Area, it should be noted that there is a significant areas in the East and South where the 20 minute drive time stretches outside the boundary of the Local Authority Area which highlights potential for imported demand on those pitches.

Figure 7.1: 3G AGP Catchment Area Analysis for Milton Keynes



Future AGP Analysis – Sport England Calculator (Analysis ‘Layer’ 2)

- 7.4.8 To calculate the future demand for hockey in the Study Area, the study has utilised Sport England’s Playing Pitch Calculator (PPC)¹⁰. The PPC uses the following factors to determine future provision need; existing population; the number of teams in each age category; the peak-time distribution of demand; the growth trends for each age/gender group; and, the projected change in participation rate.
- 7.4.9 Full guidance regarding the methodology behind the calculator is available via the Sport England tool Active Places Power¹¹ (authorisation may be required to access this tool). Please note that the future additional need for pitches indicated below is on the assumption that all future demand generated will be required to be met by additional (new) pitches. In reality it may be that this could be met by the existing pitch stock.

Football

- 7.4.10 When incorporating the population growth and growth trends provided by the County FA, it was formulated that an additional 1.3 full sized 3G AGP’s will be required to accommodate this future growth in demand. In order to ensure that all of the additional teams have access to a full sized 3G AGP, it would be recommended that this figure should be rounded up to 2 additional 3G AGP.
- 7.4.11 This, in combination with the current deficit of 7 full sized 3G AGP (using the FA’s recommended 1:38 ratio), would mean that there would be an overall future shortfall of 9 full sized 3G AGP’s in the study area.

Hockey

- 7.4.12 The calculator also provides data on the number of sand based AGP’s that will be required to meet future demand growth in Hockey.
- 7.4.13 In utilising population projections and the growth trends in the sport provided by England Hockey, it was calculated that 0.61 sand based AGP’s will be required to meet the increase in demand.
- 7.4.14 Despite an increase in demand for hockey, the current supply of hockey appropriate AGP’s is able to accommodate this demand. This analysis can be found in greater detail in section 6.10 of this strategy.

Meeting the Current and Future Demand for 3G AGP Facilities Across Milton Keynes

- 7.4.15 To meet the shortfall for both current and future 3G AGP supply and demand, the likely solution will be a combination of new 3G AGP development, resurfacing sand-based pitches and increasing the current level of usage at 3G AGP facilities across the study area. A key consideration when identifying potential development sites is meeting the current and future demands for Hockey to ensure that the current and future needs are being met, before identifying any sites for re-surfacing.
- 7.4.16 A key objective for the FA is to maximise the use of 3G pitches for competitive football match play. This will increase the quality of provision, reduce the number of cancellations and help to address future demand. Affordable pricing policy that includes match-based charges in line with grass pitches should be a consideration.

¹⁰ <https://www.activeplacespower.com/reports/playing-pitch-calculator>

¹¹ <https://www.activeplacespower.com/reports/playing-pitch-calculator/download>

7.4.17 In addition, it is key that other sports clubs (namely Rugby and Lacrosse) have suitable access to 3G AGP facilities, to ensure that participants can train and play on high quality facilities and to reduce the amount of match cancellations caused by waterlogging on grass pitches.

7.4.18 When selecting the sites that are appropriate for 3G AGP development, sites should have the following characteristics:

- Be available for significant use by local community clubs
- Have good access and ancillary facilities to service the pitch(es)
- Be financially sustainable
- Be able to be maximised for training and match play provision during peak time
- Be well positioned to deliver wider football, rugby or lacrosse development programmes, including coach education and a recreational offer, using spare off-peak capacity to deliver this
- Be able to explore shared projects across multiple sports, education usage and additional community usage, in order to ensure facilities are used throughout the peak and off-peak periods

7.5 AGP Summary

- 7.5.1 This section summarises the findings from the AGP analysis, which will form the basis of the recommendations and action plan section for Milton Keynes.
- 7.5.2 Table 7.8 includes the response to 5 key questions which are identified in the Sport England PPS Guidance Checklists. Using these key questions to summarise the findings of each of the sport chapter creates consistency, not only within the report but with similar PPS projects in neighbouring local authorities and further afield.

Table 7.8: Key PPS Findings for AGPs in Milton Keynes

Key Question	Analysis
What are the main characteristics of the current supply and demand for provision?	The quality of AGP provision across the Study Area is high, with 51% of facilities achieving a 'good' rating and 47% achieving 'standard'. The use of AGPs for all sports has grown in recent years and continues to do so. One factor behind this growth is the growing level of demand for central venue football leagues, which bring clubs and teams from a wide geographical area to single venues to play and compete. When considering this demand alongside the requirement for consistently high sand-based facilities for hockey training and match play, the overall demand for artificial provision is high.
Is there enough accessible and secured community use provision to meet current demand?	The current supply and demand analysis for 3G AGP pitch provision, including both full size and small sided provision, shows an overall deficit between the number of teams and the number of AGPs. It should be noted that if only full-size provision is included within the supply and demand calculation, there is a deficit of 8 full sized 3G AGP (as identified previously in this chapter). Given the amount of small sided provision across Milton Keynes, it is important that these facilities are factored into calculations and, therefore, there is seen to be an overall current deficit of 7 full sized 3G AGP's. With regards to the current hockey provision in the study area, the capacity analysis revealed that there is spare capacity at available sites when applying all formal hockey demand. There is a large level of imported demand on hockey provision; however, there is enough supply to accommodate demand at this current time. It should be noted however, that the hockey supply is heavily reliant on unsecured provision, meaning that this supply could be removed from community access. The potential implications of this, and the recommendations to mitigate this risk will be assessed in stage d of this strategy.
Is the provision that is accessible of sufficient quality and appropriately maintained?	Out of the 35 AGP facilities in the study area, 19 (54%) were rated as 'good', 14 (40%) rated as 'standard' and only 2 (6%) were rated as 'poor' quality. There were two hockey AGP's that were identified as being of a poor quality at sites in Milton Keynes - St Bernadette's Catholic Primary School and Lord Grey School.
What are the main characteristics of the future supply and demand for provision?	There is expected to be a need for an additional 2 3G AGP based on the number of new teams expected by the end of the study period and using the FA's 1:38 ratio. This would increase the total future deficit of full sized 3G AGP's to 9.
Is there enough accessible community use provision to meet future demand?	The future supply and demand analysis for accessible pitch provision shows that there is a significant deficit of 9 available full sized 3G AGP's. This future deficit consists of the requirement to meet demand from future population growth and latent demand. In looking at future demand for hockey provision, the analysis shows that there is sufficient capacity to accommodate further growth in team numbers.

Section 8: Rugby League Analysis



8 Rugby League

8.1 Introduction and Strategic Context

8.1.1 The Rugby Football League (RFL) is the sport's National Governing Body in the UK. It is responsible for developing and growing Rugby League at all levels. The following section provides greater detail of the existing strategies that are currently being delivered by the RFL.

8.1.2 Following this, the supply and demand section of this report evaluates the adequacy of facilities for rugby league and considers:

- The supply of pitches and demand for these
- The adequacy of pitches in Milton Keynes
- Recommendations moving forward.

8.2 Strategic Context

8.2.1 The most recent strategy formulated by the RFL is laid out in their Strategic Plan 2015-2021 with the overarching vision to be "A growing sport, available throughout the country, that is recognised as providing positive experience for all participants and spectators in environments that are welcoming, inclusive, vibrant, safe and comfortable – encouraging people to return again and again."

8.2.2 The key objectives of the vision are:

- Sold out major national and international events delivering spectacular entertainment for supporters and viewers
- Compelling competitions which consistently grow live and TV audiences, commercial revenues and which provide the opportunity for well-run clubs to flourish and succeed
- Financially viable and sustainable professional clubs creating stable employment opportunities, showcasing local, national and international talent, and leading the sport's development and making a difference – in their own communities
- Welcoming community clubs, putting players first, offering recreational enjoyment for children and adults alike in a safe and inclusive environment
- England being successful internationally on a consistent basis
- A central organisation that stands out for excellence, innovation, mutual respect, integrity and inclusion that understands its role in servicing the wider sport
- A sport that lives its values in all its decision and actions.

8.2.3 The vision will be delivered through 6 Corporate Goals that are shown in figure 8.1.

8.2.4 The RFL's strategy also outlines their approach to delivering these goals:

- They will drive a customer-focused approach in all we do, understanding the needs of players, fans and other stakeholders
- They will take a long-term strategic approach through to 2021
- They will implement a Whole Game vision managing the interdependencies of their goals
- They will work in partnership with organisations who have mutual objectives that grow the sport
- They will continually seek to innovate and drive for excellence
- They will place clubs at the heart of the sport to meet the needs of our participants
- They will prioritise our investment to gain the best return against spend by evaluating performance against spectator, viewer and participant numbers
- They will build the capacity of our workforce, both volunteer and professional
- They will focus upon monitoring and evaluation and be accountable for our strategy.

Figure 8.1: Infographic detailing the RFL's 6 Corporate Goals



8.2.5 Of particular relevance to the PPS is the Community Game section of the Strategic Plan which outlines proposals for growing the sport at a grass roots level. Specifically, a number of strategic priorities have been identified:

- Develop a new, real time measurement for participation
- Use customer insight to deliver playing opportunities at all levels to make it easier for more people to play the game more often
- Identify and support the most appropriate external partners to ensure that the best delivery solutions are found to generate growth across the different areas of the UK
- Develop a new community club membership scheme in which clubs can opt to become RFL members, receiving specific support to help them grow and improve what they do, in return for agreeing to work collectively and abide by the governing body rules
- Significantly raise the visibility and profile of the community game
- Develop clear strategies for increasing participation in Women's and Girl's, Wheelchair Rugby League and within the Armed Forces.

8.2.6 Crucially interventions are focused on two geographic target areas, namely Core Affinity and Emerging Affinity. Efforts are split between these two groups using an 80/20 divide.

8.2.7 Core Affinity areas incorporate roughly 80% of the rugby league players in England and generally have a relatively large number of clubs, established talent pathways, and a high number of partnership secondary schools. These are:

- Bradford and Huddersfield
- Cumbria
- Salford
- Rochdale, Oldham and Halifax
- Hull
- Leeds
- St Helens
- Wakefield
- Warrington
- Widnes
- Wigan and Leigh

8.2.8 Emerging Affinity areas incorporate roughly 20% of the rugby league players in England and generally have a growing tradition within the sport, audience development work is underway and those where 20% of the Rugby League World Cup 2021 fixtures will be held. These are:

- Bolton and Bury
- City of Manchester
- Lancashire
- North East
- North Yorkshire
- South Yorkshire
- Liverpool
- Coventry, Oxford and Gloucester Triangle
- London

8.3 Supply

8.3.1 The number of pitches used for rugby league in Milton Keynes has been detailed in Table 9.1 below. It is important to understand where there may be potential further supply should the capacity analysis inform us that there is overplay within Milton Keynes. All rugby league pitches identified in Milton Keynes broken down into Adult and Junior Provision.

Table 8.1: Breakdown of pitches

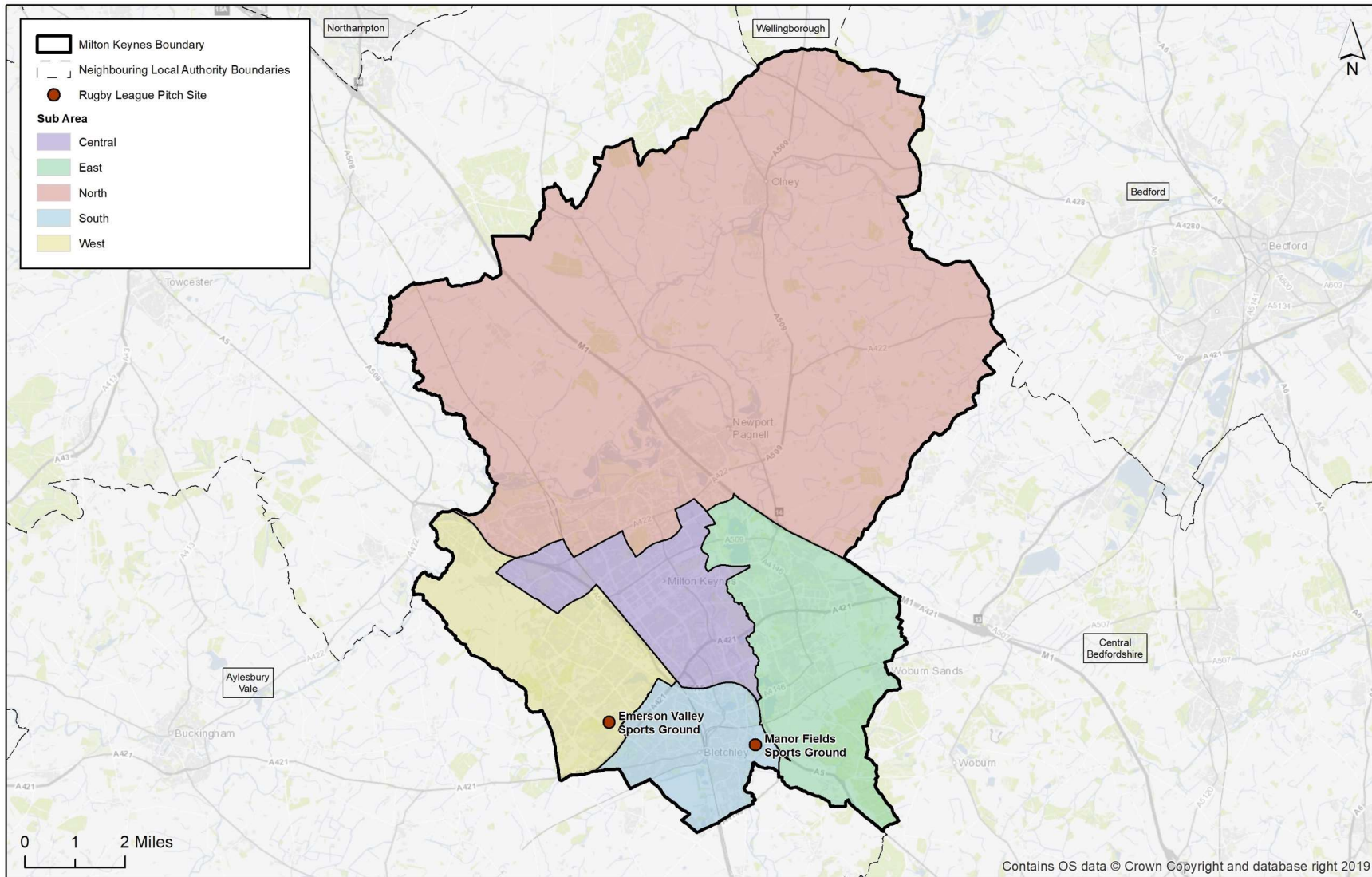
Name	Community use on site	Security of Community Use	Ownership	Number of Grass Pitches		Number of AGPs (suitable for rugby use)
				Adult	Junior	
Emerson Valley Sports Ground	Available	Secured	Local Authority	2	0	0
Manor Fields Sports Ground	Available	Secured	Local Authority	2	0	0

8.3.2 Table 8.2 below summarises the split in ownership of all rugby league sites in Milton Keynes, from Table 8.1 above.

Table 8.2: Ownership and management summary of rugby league pitches in Milton Keynes

Type	Ownership	Management
Private	-	-
Commercial Management	-	-
Local Authority	2	2
Education	-	-

Figure 8.2: Rugby League Pitch Audit in Milton Keynes



8.4 Quality Assessment

8.4.1 4global have visited all sites and non-technical site assessments using RFL guidelines have been undertaken to provide an overall quality score. This score is combined with guidance on the number of Match Equivalent sessions a pitch can support to give an overall carrying capacity. How pitch quality affects the carrying capacity is outlined in Tables 8.3 and 8.4 below.

Table 8.3: RFL guidance on how quality affects playing capacity

Agreed Pitch Quality Rating	Match Equivalents per Week
Good	3
Standard	2
Poor	1

8.4.2 If a club is playing Tier 3 Conference League matches or higher, not only is the pitch quality assessed to a higher standard, but it affects the pitch's carrying capacity as demonstrated in Table 8.4.

Table 8.4: Carrying capacity for pitches used for games at Tier 3 or higher

Agreed Pitch Quality Rating	Match Equivalents per Week
Good	2
Standard	1
Poor	Unsuitable for any demand

8.4.3 Table 8.5 below shows the pitch scores following a non-technical assessment of the pitches that are used by the community for rugby league in Milton Keynes. This allows us to understand the capacity of each pitch from a community use perspective, using the capacity calculations in Tables 1.3 and 1.4.

Table 8.5: Community sites and individual pitch capacity

Site	Community Use	Security of Community Use	Ownership	Size	Ancillary Rating	Agreed Pitch Rating	Capacity
Emerson Valley Sports Ground	Available	Secured	Local Authority	Adult	Standard	Standard	2
Emerson Valley Sports Ground	Available	Secured	Local Authority	Adult	Standard	Standard	2
Manor Fields Sports Ground	Available	Secured	Local Authority	Adult	Standard	Standard	2
Manor Fields Sports Ground	Available	Secured	Local Authority	Adult	Standard	Standard	2

8.4.4 As identified in Table 8.5 above, all pitch provision are available for community use. Provision accessible to the community consists of; 4 senior pitches. Of these pitches; 4 are deemed to be of standard quality,

Table 8.6: Future demand for Rugby League

Age group	Current popn. 2018	Current teams	TGR	Future popn (2031)	Population Change	Potential new teams	Total team in 2031
Rugby League Adult Men (19-45yrs)	48,976	0	0	56150.32	7174	0	0
Rugby League Youth & Junior Boys (12-18yrs)	9,815	2	4908	11250.33	1435	0.23	2.23
Mixed (7-11yrs)	24,637	2	12319	28240.74	3603	0.23	2.23

SITE SUMMARY

8.4.5 Table 8.7 below includes summaries of the findings at key sites in Milton Keynes, focusing on their key issues and future development plans.

Table 8.7: Site consultation summary

Site Name	Consultation Summary
Emerson Valley Sports Ground	This site is owned and operated by the council and is home to Milton Keynes Wolves RLFC. During the 2019 season the senior men's team did not play at this home ground and it was used exclusively for junior and mini rugby league with outreach programs and camps also. The pitches are of standard quality as they get a lot of use throughout the year from Rugby Union and football.
Manor Fields Sports Ground	This site used to be the home to Milton Keynes RLFC team but over recent years the team decided to move venue. This site is owned and operated by the council and is also home to other sports. The pitches can still be marked out for rugby league per request but are currently not in use. The pitches are of standard quality due to yearlong use by other sports and drainage issues.

8.5 Demand

CLUB DEMAND

8.5.1 Demand of rugby league clubs in Milton Keynes is summarised in Table 8.8 below.

Table 8.8: Club consultation summary

Club	Home Ground	Training Venue	Adult	Junior	Mini	Total
Milton Keynes Wolves RLFC	Emerson Valley Sports Ground	Emerson Valley Sports Ground	0 (Did not play in 2019, formerly 1)	2	2	4

8.5.2 Table 8.8 above shows that there are currently 0 senior sides. There are also 2 junior and 2 mini sides present. The largest club in the study area is Milton Keynes Wolves and they are the only club in the study area.

8.5.3 Table 8.9 below is a summary of the consultation undertaken with the rugby league clubs in Milton Keynes. All pitch rating comments are the opinions of the club and may differ from the impartial rating given by the site assessor.

Table 8.9 Club consultation summary

Club	Consultation Summary
Milton Keynes Wolves RLFC	Milton Keynes Wolves play the majority of their matches and training at Emerson Valley, whilst occasionally using Manor fields earlier in the year. Unfortunately, the 1st team could not field a side in 2019 due to limited playing numbers and interest from members. This resulted in the club focusing on the junior portion of the game by offering a 10-week course for members to train and play against local competitions in the summer months, this has proved relatively successful and have enjoyed steady numbers over the summer. The club wish to field an adult men's team again in 2020 if playing numbers increase and more marketing is carried out to attract members to join. They also wish to build on the junior sides and try to increase the female participation.

8.6 Supply and Demand Balance

8.6.1 Table 8.10 below compares the demand present within clubs in Milton Keynes, to the carrying capacity of each Rugby League site. This gives an accurate and realistic picture as to whether the current supply meets the needs of the demand in the study area.

8.6.2 The assumptions below give the WR22 pitches a capacity of 12 match equivalent sessions per week. 10 of these sessions are attributed to the mid-week training slots and 2 are attributed to senior match

pitch supply on the weekend, with one match slot available on both Saturday and Sunday. Olympic Legacy Park is the only site that has had this applied to it.

Table 8.10 Supply and Demand

Site Name	Club on site	Carrying Capacity			Match Demand			Supply and Demand Balance
		Senior	Junior	Senior	Youth/ Junior Boys	Youth/ Junior Girls	Mini	
Emerson Valley Sports Ground	Milton Keynes Wolves RLFC	4	0	0	1	0	0	3

8.6.3 Table 8.10 above shows that the current supply available to Milton Keynes Rugby League Clubs is currently sufficient to meet the demand produced.

8.7 Rugby League Summary

8.7.1 This section summarises the findings from the rugby league analysis, which will form the basis of the recommendations and action plan section for Milton Keynes.

8.7.2 Table 8.11 includes the response to 5 key questions which are identified in the Sport England PPS Guidance Checklists. Using these key questions to summarise the findings of each of the sport chapter creates consistency, not only within the report but with similar PPS projects in neighbouring local authorities and further afield.

Table 8.11 - Key PPS findings for Rugby League in Milton Keynes

Key Question	Analysis
What are the main characteristics of the current supply and demand for provision?	Overall there is adequate supply for the current demand in the study area with only one rugby league team playing any formal games. This team also did not play in 2019 due to member numbers so this led to an increased demand in junior members with that being the focus by the club.
Is there enough accessible and secured community use provision to meet current demand	There is enough accessible and secured community use sites currently within the study area to meet with the demand. The available sites have standard pitches which allows for formal use during the summer months with the current demand.
Is the provision that is accessible of sufficient quality and appropriately maintained?	All the required accessible provision located at Emerson Valley and Manor Fields are maintained to a sufficient standard giving the level of play that occurs. These sites have yearlong usage associated with them from other sports but this does not affect the quality of surface.
What are the main characteristics of the future supply and demand for provision	There is little growth expected to occur within the study area with only one senior team expected to reform over the lifespan of the PPS. Special attention is being made to the junior and youth sections with various camps but these are also expected to grow at a small rate.
Is there enough accessible and secured community use provision to meet future demand	There is enough secured and community accessible provision in the study area for current and future demand.

Section 9: Lacrosse Analysis

9 Lacrosse

9.1 Introduction and Strategic context

9.1.1 England Lacrosse is the national governing body responsible for grassroots and elite Lacrosse in England, with the season operating from September to April.

9.2 England Lacrosse 10-year strategy (2012-2022)

9.2.1 In 2012, England Lacrosse published its 10-year strategy, stating that the overall vision of England Lacrosse in this time is 'being to be recognised as a major team sport in England'. This is coupled with the mission to promote and develop lacrosse, in all its forms, by working with its members, stakeholders and others to ensure that opportunities exist for individuals to participate and achieve excellence in the sport of Lacrosse.

9.2.2 The following key values underpin the strategy;

- Excellence: Provide a high-quality experience and interaction with all our members and other parties.
- Accountability: Recognise that we have clear responsibilities and commit to ethical, equitable and safe practices and challenge exclusion and poor practice.
- Respect: Value the contribution of all.
- Integrity: Act at all time with openness and transparency to build mutual trust and co-operation with members and stakeholders.
- Teamwork: Value the contributions of individuals and work collectively as a team
- Inclusivity: An enjoyable experience for all.

9.3 Key outcomes

9.3.1 The 10-year strategy includes the following key objectives and priorities relevant to the PPS:

- Increased Membership.
- Increased and diverse sources of funding.
- Greater access to appropriate facilities.
- Staging national and international events.
- Establishing national centres.

9.4 Organisational Plan

9.4.1 Along with key outcomes, organisational actions have been identified by England Lacrosse in order to achieve the intended outcomes:

- To develop the business and provide greater financial independence from government support, by increasing the number of members and their financial contribution to the organisation.
- Developing a range of commercial partnerships to support the sport in order to ensure access to appropriate training and playing facilities by developing a national facilities strategy.

9.5 England Lacrosse Business Plan 2016-2020

9.5.1 In 2016, England Lacrosse published the England Lacrosse Business Plan for the next four years. This document again highlighted the vision of becoming a recognised major team sport along with specifying key target groups. The document states that England Lacrosse will focus operations on female and male participation between the age range of 10-30 years of age. This plan will encompass:

- School age lacrosse up to 18.

- Club expansion through developing the INTO recreational brand.
- 12month participation programme.
- Relevant events to support participation growth.
- A more commercially minded approach to the operational priorities.

9.6 England Lacrosse Diversity Project and Action Plan 2021

9.6.1 The England Lacrosse Diversity Policy and Action plan spans a four-year period and is crucial to ensuring that the expansion of participation continues, profile enhancement continues and that more partners join the organisation in achieving its goals. The strategy adds an interesting consideration with regard to PPS:

- Raise awareness of key organisational decisions regarding gender diversity.
- Implement effective processes to develop diverse board recruitment from lacrosse core market populations, stakeholders and networks.
- Ensure that England Lacrosse maintains a diverse leadership, equipped to act as ambassadors for equality, diversity and inclusion in all that they do

9.7 Supply

9.7.1 There are two sites in Milton Keynes comprising of 1 lacrosse pitch each. Lacrosse sites across the study area are shown in Table 9.1 by the number of pitches, to reflect the significance of each ownership and management type.

Table 9.1 – Ownership of Lacrosse pitches in Milton Keynes

Organisation Type	Ownership	Management
Charity / Trust	1	1

9.7.2 Table 9.1 shows that all formal pitch provision in the study area is based at education sites, and consequently the site manages all competitive fixtures and training, and do not have to export demand to outside of the study area.

9.7.3 Table 9.2 provides a breakdown of the Lacrosse sites in Milton Keynes

Table 9.2– Lacrosse Site Breakdown of Security of Community Use

Site Name	Postcode	Community use on site	Security of Use	Ownership	Pitches	Pitch Quality
Stantonbury Leisure Centre	MK14 6BN	Available	Secured	Trust	3G AGP	87.24% Good

9.8 Demand

9.8.1 There is one club that has been identified as playing Lacrosse in Milton Keynes. Their home-grounds and the number of competitive teams they field is detailed in Table 9.3 below.

Table 9.3: Lacrosse profiles for clubs in Milton Keynes

Club	Home ground	No. of competitive teams					
		Adults		Junior (U13-18)		Mini / Midi (U7-12)	Total
		Men's	Ladies	Boys	Girls		
Milton Keynes Minotaur's	Stantonbury Leisure Centre	1	0	0	0	0	1

Club	Home ground	No. of competitive teams					
		Adults		Junior (U13-18)		Mini / Midi (U7-12)	Total
		Men's	Ladies	Boys	Girls		
Total		1	0	0	0	0	1

9.9 Capacity Analysis

9.9.1 Table 9.4 below details the amount of demand in the Study Area and how this compares to available supply.

Table 9.4: Supply vs Demand in Milton Keynes.

Site Name	Postcode	Community use on site	Security of Use	Ownership	Pitches	Pitch Quality	Capacity	Demand	Balance
Stantonbury Leisure Centre	MK14 6BN	Available	Secured	Trust	1	87% - Good	10	1	9

9.9.2 The table above highlights that all lacrosse sites within Milton Keynes are at under capacity due to the size of the club. This corresponds to the consultation carried out with clubs in the area, which is summarised in Table 9.5

Table 9.5: Summary of demand consultations

Club	Consultation Summary
Milton Keynes Minotaur's Lacrosse Club	<p>The club play and train at Stantonbury Leisure Centre, Tuesday evening for half of the year Sept – March for 1.5 hours. With the club only using 1/3 of the field. Games are played on a Saturday afternoon and have access to the changing rooms on site etc. The club is happy with the current location due to the location and also the price. The club currently have 25 male's members and 5 female's members.</p> <p>The club has been going for 6 years and is a relatively small club with aspirations to grow. No other clubs close by in either men's or women so there is opportunity to grow. Around the club there is a large amount of schools which have girls' teams that can act as a feeder into the club. Currently there is a single men's team with the club struggling to develop a woman's team. The men's senior team is also experiencing development issues due to communication about getting the message out there to let people know there is a team within the area. Club is looking develop these communication channels and links to let the general population know about the sport. The club is also trying to make development occur in schools but there is a lack of coaches within the area to grow the game in these schools. Lack of coaches within the club and the local area to develop grassroot talent. The club has indicated a high conversion rate when a player comes to a training session and carry on playing for the club. There is an internal drive within the club to grow the woman's team and get a core of members to play.</p> <p>The club indicates that the Milton Keynes area is a good location to develop and host national and regional tournaments due to the strategic location, compared to other hub sites such as Manchester and Aldershot. Milton Keynes used to host the national tournament in Woughton on the Green, if the facilities were to develop this could be a location for a training venue for national teams. The club is also looking to develop an indoor venue but this is difficult due to the size needed of the rink to hold these matches and training sessions and have been in talks with MK lighting to use the ice hockey site during the summer when there is no ice hockey being played. Communication with England Lacrosse has happened in terms of developing a portable indoor court which can be used in various indoor spaces such as warehouses or other indoor locations.</p>

Club	Consultation Summary
	The closest men's clubs to Milton Keynes are Oxford, Hatfield and Cambridge University with the closest female sides being predominantly university sides such as Warwick, Northampton to the North with Tring and St Albans to the South. The club currently plays in the new SEMLA league which covers the southern part of English for lacrosse. If the club reaches their aspirations of development another possible home location is important to continue development. The club has also expressed difficulty in accessing changing rooms and other ancillary facilities due to the current location.

9.10 Lacrosse Summary

9.10.1 This section summarises the findings from the lacrosse analysis, which will form the basis of the recommendation and action plan section for Milton Keynes.

9.10.2 Table 9.6 includes the response to key questions, which are asked for all PPS studies across the UK, in order to provide a standardised illustration of supply and demand for sports provision

Table 9.6 – Key PPS findings for lacrosse in Milton Keynes

Key Question	Analysis
What are the main characteristics of the current supply and demand for provision?	The main characteristics of lacrosse provision in Milton Keynes is that multi sports sites dominate provision. This site is the only current provision in the study area but meets the need of the local club due to the size of the club.
Is there enough accessible and secured community use provision to meet current demand?	There is currently sufficient provision and the provision present is of suitable condition. The currently facility at Stantonbury Leisure Centre has spare capacity due to the pitch being a good quality AGP site and there is only one club that currently play on site.
Is the provision that is accessible of sufficient quality and appropriately maintained?	In terms of quality, the site is of good quality due to the age of the surface and also the current maintenance regime. The site also has sufficient changing and ancillary provision with the club being allowed to use these facilities.
What are the main characteristics of the future supply and demand for provision?	From club the club consultation there is only expected to be growth for one female side which the current site will be able to accommodate for training and match day provision.
Is there enough accessible and secured community use provision to meet future demand?	There is enough current and future accessible and secured community use sites to meet with the demand growth, due to the quality of the site and also the expected growth of the club.

Section 10: Baseball and Softball Analysis



10 Baseball and Softball Analysis

10.6 Introduction

10.6.1 The British Baseball Federation (BBF) is the National Governing Body of Baseball in Great Britain and is responsible for promotional activity, organizing leagues and overseeing the sport. The following section provides greater detail of the existing strategies that are currently being delivered by BFF.

10.6.2 BaseballSoftballUK (BSUK) is the development agency for baseball and softball in the United Kingdom. Since 2000, BSUK has provided services to the sports' governing bodies with the aim of developing and increasing the levels of participation, skill and achievement in UK baseball and softball.

10.6.3 Following this, the supply and demand section of this report evaluates the adequacy of facilities for baseball and considers:

- The supply of fields and demand for these
- The adequacy of fields in the Milton Keynes
- Recommendations moving forward.

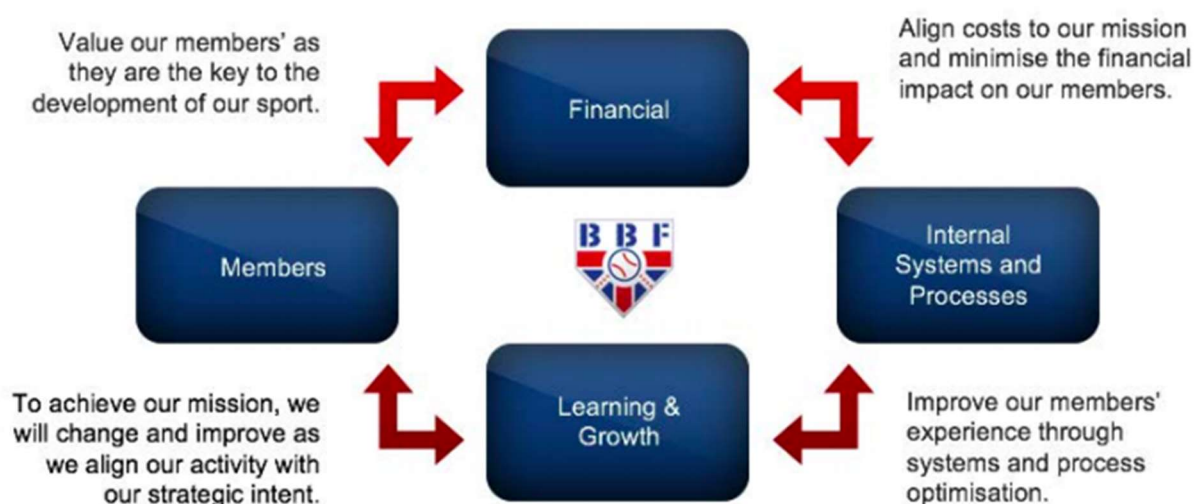
10.7 Strategic Context

10.7.1 The BBF's mission is "to advance the opportunities for our members so they can enjoy and expand their reach through our federation."

10.7.2 The most recent strategic outlook outlines 4 key (see Figure 1) which are:

- Align costs to their mission and minimise the financial impact on our members
- Improve members' experience through systems and process optimisation
- To achieve their mission, by changing and improving as they align activity with their strategic intent
- Value their members as they are the key to the development of the sport.

Figure 10.1: The BFF's Strategic Framework from the 2018 Handbook



10.8 Supply

10.8.1 Through consultation with Baseball Softball UK, it has been confirmed that there are two baseball/softball fields in located at Woughton on the Green Sports Ground and Conniburrow Sports Ground . The Woughton on the Green Sports Ground site is used by the Milton Keynes Bucks baseball team and the Milton Keynes Softball League. This team plays in the Double-A South Pool of the British Baseball league. Whilst the MK Diamonds softball league is a social slow-pitch, mixed gender team sport.

Table 10.1: Baseball/ Softball Facilities in Milton Keynes

Site Name	Pitches	Diamond Surface	Back Stop Fencing	Pitcher's Mound	Outfield Fencing	Flood-lighting	Evenness of Outfield	Changing Rooms
Woughton on the Green	1	Grass	Temporary	No	No	No	Standard	Yes
Conniburrow Sports Ground	1	Grass	Fixed	Yes	Yes	No	Standard	No

10.9 Demand

10.9.1 The following is a summary of the consultation undertaken with Baseball and Softball UK, along with MK Softball league, focusing on their key issues and future plans. All pitch rating comments are the opinions of the club and may differ from the impartial rating given by the site assessor.

Table 10.2: Summary of Demand Consultations from Baseball and Softball Clubs in Milton Keynes

Organisation	Consultation Summary
MK Softball League	The MK softball league was set up over 10 years ago from the Milton Keynes Baseball team as a social and mixed gender sport which is suitable for adults of all ages and abilities. The league predominately runs in the summer season with winter training and matches occurring inside. The league consists of 7 teams with a total membership of roughly 100 people of different ages. The majority of the teams are based within he study area with only 2 being located outside of the area, those being the Northants Praetorians and the Towcester Tigers. The league is continuing to try and improve their league by increasing the membership base and expand to other area.
Milton Keynes Bucks Baseball Club	Milton Keynes Baseball Club was founded in 1986, making it one of the longest established baseball clubs in the UK. The Club's flagship adult baseball team, MK Bucks, finished as AAA Midlands Division Champions in 2013, having previously won the National Single-A title in 2010. 2013 also saw the club create a 2nd league team, MK Coyotes, who qualified for the playoffs in their first ever season. The club currently has around 40-50 members and are looking to grow over the next few years by increasing their marketing and social media accounts.

Latent Demand

- 10.9.2 To understand whether there is chance for significant growth in the sport in the Study Area, participation rates in baseball or softball have been used.
- 10.9.3 These have been taken from Sport England's Active Lives Survey from May 2016/2017 for the South East Region. This reveals that 0.3% of the over 16 population report to playing either sport in the past 12 months. This equates to 379 people which indicates a potential 354 people playing the sport who are not part of a club over the South East.

10.10 Future Demand

10.10.1 Using the demand identified by the Active Lives Survey and applying it to the projected future population in Milton Keynes, we can demonstrate a potential future demand of 317 people (16 – 55).

10.10.2 Whilst it is important to note that this number includes occasional participants it does indicate a projected increase in latent demand, after removing formal demand.

10.11 Baseball and Softball Summary

10.11.1 This section summarises the findings from the baseball and softball analysis, which will form the basis of the recommendations and action plan section for Milton Keynes.

10.11.2 Table 10.3 includes the response to 5 key questions which are identified in the Sport England PPS Guidance Checklists. Using these key questions to summarise the findings of each of the sport chapter creates consistency, not only within the report but with similar PPS projects in neighbouring local authorities and further afield.

Table 10.3: Key PPS Findings for Baseball and Softball in Milton Keynes

Key Question	Analysis
What are the main characteristics of the current supply and demand for provision?	At present there two sites site offering provision for community baseball/ softball which is used by the sole club in the Study Area. The field is relatively basic with no permanent back stop fencing, pitcher's mound, outfield fencing or floodlighting. The club has two teams present and one softball league with 7 teams.
Is there enough accessible and secured community use provision to meet current demand?	There is no long-term security at present for the club which has been highlighted as a concern. As there are no other sites in the Study Area, loss of this facility would have a large impact on the club.
Is the provision that is accessible of sufficient quality and appropriately maintained?	The facilities at present are of standard quality, with a need to have a more dedicated facility in terms of surface and fencing. The maintenance of the current site is adequate.
What are the main characteristics of the future supply and demand for provision?	The club has stated an aim of establishing a junior team in the next 3-5 years. When examining latent demand in the area this seems achievable if current trends in participation remain constant. The softball league is also looking to continue its growth by encouraging more members to join.
Is there enough accessible community use provision to meet future demand?	As the site is unsecured it cannot be considered accessible in the long-term. This means there could be a lack on accessible baseball/softball facilities in the future. If this site is secured then there is enough provision to meet with the current and future demand within the study area.

Section 11: Glossary of Terms



11 Glossary of Terms

In order to fully understand the Playing Pitch Strategy, 4global have created a glossary detailing key terms and phrases mentioned throughout. The glossary is detailed below, along with appropriate definitions;

Acronyms:

- **3G AGP:** Third Generation Artificial Grass Pitch
- **4g:** 4global Consulting
- **AGP:** Artificial Grass Pitch(es)
- **APS:** Active People Survey(s)
- **CC:** Cricket Club
- **CIL:** Community Infrastructure Levy
- **CSP:** Borough Sports Partnership
- **ECB:** England and Wales Cricket Board
- **EH:** England Hockey
- **FA:** Football Association
- **FC:** Football Club
- **FE:** Further Education
- **GIS:** Geographical Information Systems
- **HC:** Hockey Club
- **HE:** Higher Education
- **IOG:** Institute of Groundsmanship
- **JFC:** Junior Football Club
- **LDF:** Local Development Framework
- **LMS:** Last Man Stands
- **MES:** Match equivalent sessions
- **NPPF:** National Planning Policy Framework
- **PPS:** Playing Pitch Strategy
- **PQS:** Performance Quality Standard
- **RFU:** Rugby Football Union
- **RUFC:** Rugby Union Football Club
- **S106:** Section 106 Agreement
- **U:** Under.

Phrases:

National Governing Body of Sport (NGB) - typically these are independent, self-appointed organisations that govern their sports through the common consent of their sport. Sport England has a recognition process for NGBs that aims to identify a single lead NGB structure which governs a sport at UK, GB or home country level.

Unsecured Community Use - these are pitches that are currently used or available for community-use, however there is no secure management/usage agreement in place.

Secured Community Use - these pitches will be managed as either; a 'play & play' site by the local authority or leisure trust, by a specific sports club or Parish Council, or by an education establishment with secure community-use agreements in place.

Team Generation Rate – Provides an indication of how many people it may take to generate a team. A TGR can be calculated by dividing the current population within an age group for a sport by the number of teams in the area within that age group. This is then used to calculate the number of teams that will be required in the future, to allow for future population growth or reduction.

Displaced demand generally relates to play by teams or other users of playing pitches from within the Study area (i.e. from residents of the Study area) which takes place outside of the area. This may be due to issues with the provision of pitches and ancillary facilities in the Study area, just reflective of how the sports are played (e.g. at a central venue for the wider area) or due to the most convenient site for the respective users just falling outside of the local authority/Study area.

Unmet demand is demand that is known to exist but unable to be accommodated on current supply of pitches. This could be in the form of a team with access to a pitch for matches but nowhere to train or vice versa. This could also be due to the poor quality and therefore limited capacity of pitches in the area and/or a lack of provision and ancillary facilities which meet a certain standard of play/league requirement. League secretaries may be aware of some unmet demand as they may have declined applications from teams wishing to enter their competitions due to a lack of pitch provision which in turn is hindering the growth of the league.

Latent demand is demand that evidence suggests may be generated from the current population should they have access to more or better provision. This could include feedback from a sports club who may feel that they could set up and run an additional team if they had access to better provision.

Future demand is an informed estimate made of the likely future demand for pitches in the Study area. This is generally based on the most appropriate current and future population projections for the relevant age and gender groupings for each sport. Key trends, local objectives and targets and consultation also inform this figure.

Casual use or other use could take place on natural grass pitches or AGPs and include:

- Regular play from non-sports club sources (e.g. companies, schools, fitness classes)
- Infrequent informal/friendly matches
- Informal training sessions
- More casual forms of a particular sport organised by sports clubs or other parties
- Significant public use and informal play, particularly where pitches are located in parks/recreation grounds.

Carrying capacity is the amount of play a site can regularly accommodate (in the relevant comparable unit) for community use without adversely affecting its quality and use. This is typically outlined by the NGB.

Overplay is when a pitch is used over the amount that the carrying capacity will allow, (i.e. more than the site can accommodate). Pitches have a limit of how much play they can accommodate over a certain period of time before their quality, and in turn their use, is adversely affected.

Spare capacity is the amount of additional play that a pitch could potentially accommodate in addition to current activity. There may be reasons why this potential to accommodate additional play should not automatically be regarded as actual spare capacity, for example, a site may be managed to regularly operate slightly below its carrying capacity, to ensure that it can cater for a number of friendly matches and training activity. This needs to be investigated before the capacity is deemed actual spare capacity.

Match equivalent sessions is an appropriate comparable unit for pitch usage. For football, rugby union and rugby league, pitches should relate to a typical week within the season and one match = one match equivalent session if it occurs every week or 0.5 match equivalent sessions if it occurs every other week (i.e. reflecting home and away fixtures). For cricket pitches it is appropriate to look at the number of match equivalent sessions over the course of a season and one match = one match equivalent session.