| From: | Roy Warren |
| :--- | :--- |
| To: |  |
| Subject: | RE: Land to the East of Pines Hill, Stansted Mountfitchet |
| Date: | 14 February 2023 17:12:09 |
| Attachments: | image002.jpg |
|  | image003.png |
|  | $\underline{20230214 \text { Pines Hill Stansted Mountfitchet Playing Pitch Calculator Outputs.xlsx }}$ |
|  | $\underline{20230214 \text { Sport Facility Calculator Report Pines Hill Stansted Mountfitchet.docx }}$ |

Hi Peter

As I said when we spoke we use a multiplier of 2.4 persons per dwelling to estimate population generated by a development unless the applicant has made their own calculation as this is a national average occupancy. As the proposal is for a mix of dwellings using this figure would appear to be appropriate. I have therefore estimated that the development would generate a population of 74 people ( $31 \times 2.4$ ).

I attach the Playing Pitch Calculator outputs for playing pitches which are based on team data from the Uttlesford DC Playing Pitch Strategy (2019). Part 4 of the 'Output' tab provides the key data as this sets out the demand generated in terms of pitch and changing room numbers and the current capital cost of providing these facilities based on Sport England's current costings. Sport England advises local planning authorities to use the capital costs as a starting point for considering the extent of s .106 contributions. This shows that the development will generate a total of 0.1 natural and artificial grass pitches which would currently cost $£ 18,694$ and 0.13 changing rooms which would cost $£ 24,466$. In total, $£ 43,160$.

I also attach the Sports Facility Calculator outputs for indoor sports facilities which are based on applying national demand data to the Uttlesford population profile. This shows the demand for sports halls, swimming pools and indoor bowls facilities and the current capital costs of providing these facilities which again we would recommend that the local planning authority uses as a starting point for identifying section 106 contributions. The total capital figure would be $£ 31,034$.

Details of the two calculators are on our website at

Sport England would advise that the projects that the contribution be used towards be informed by the priorities in the District Council's Playing Pitch and Indoor Sports Facility strategies https://www.uttlesford.gov.uk/article/4942/Infrastructure. The District Council would decide the priorities.

Let me know if you have any queries.
Regards
Roy Warren
Planning Manager




We have updated our Privacy Statement to reflect the recent changes to data protection law but rest assured, we will continue looking after your personal data just as carefully as we always have. Our Privacy Statement is published on our website, and our Data Protection Officer can be contacted by emailing Gaile Walters

## From:

Sent: Tuesday, February 14, 2023 11:08 AM
To: Roy Warren
Subject: Land to the East of Pines Hill, Stansted Mountfitchet

Hi Roy, good to chat last week about the site in Uttlesford.

The address of the site is Land to the East of Pines Hill, Stansted Mountfitchet.

The site is to the south of the village. Attached is a location plan and also an illustrative masterplan. We will be submitting an outline planning application with all matters reserved except for vehicular access. We do however have a detailed accommodation schedule, which is attached and that you will be able to work from in relation to confirming the S106 recreational requirements.

There is a total of 31 No. dwellings:

12 No. private market dwellings
3 No. self-build/custom build private dwellings
3 No. AH shared ownership/first homes
5 No. AH shared ownership
8 No. AH rented

If you are able to let us know the potential amount of S106 contribution from your calculating tool that would be really appreciated.

Thank you for your assistance with this.

Kind regards

Peter Biggs BSc (Hons) DipTP MRTPI
Director

## Email <br> Website:

## Confidential

This message, including any document or file attached, is intended only for the addressee and may contain privileged and/or confidential information. Any person is strictly prohibited from reading, using, disclosing or copying this message. If you have received this message in error, please notify the sender and delete the message.

PJB Planning Ltd, a limited company registered in England \& Wales with registered number 12970810. Registered office: 1st \& 2nd Floor, 2 West Street, Ware, Herts, SG12 9EE.

The information contained in this e-mail may be subject to public disclosure under the Freedom of Information Act 2000. Additionally, this email and any attachment are confidential and intended solely for the use of the individual to whom they are addressed. If you are not the intended recipient, be advised that you have received this email and any attachment in error, and that any use, dissemination, forwarding, printing, or copying, is strictly prohibited. If you voluntarily provide personal data by email, Sport England will handle the data in accordance with its Privacy Statement. Sport England's Privacy Statement may be found here

If you have any queries about Sport England's handling of personal data you can contact Gaile Walters, Sport England's Data Protection Officer directly by emailing DPO@sportengland.org

## Sport Facility Calculator

The Sports Facility Calculator (SFC) is a planning tool which helps to estimate the amount of demand for key community sports facilities that may be generated by a given population. The SFC is hosted on the Active Places Power website - https://www.activeplacespower.com.

The SFC results presented below are based on the following criteria:

| Area of Interest: | Uttlesford | Population: | 74 |
| :--- | :--- | :--- | :--- |
| Population Profile: | Uttlesford | Date generated: | 14/02/2023 |
| Build Costs: | Q3 2022 | BCIS: | July 2022 |
| Population: | Population: Projection for 2022, based on 2011 Census data and |  |  |
|  | modified by 2018-based Subnational Population Projections for |  |  |
|  | Local Authorities. Adapted from data from the Office for National |  |  |
|  | Statistics licensed under the Open Government Licence v.3.0. |  |  |
|  | London boroughs modified by GLA 2020-based Demographic |  |  |
|  | Projections - ward populations, identified capacity scenario, © |  |  |
|  | Greater London Authority, 2020. |  |  |

Facility Requirements:

| Indoor Bowls |  |
| :--- | :--- |
| Demand adjusted <br> by | $0 \%$ |
| Rinks | 0.00 |
| Centres | 0.00 |
| vpwpp | 0 |
| Cost | $£ 530$ |


| Sports Halls |  |
| :--- | :--- |
| Demand adjusted <br> by | $0 \%$ |
| Courts | 0.02 |
| Halls | 0.01 |
| vpwpp | 6 |
| Cost | $£ 14,620$ |


| Swimming Pools |  |
| :--- | :--- |
| Demand adjusted <br> by | $0 \%$ |
| Square meters | 0.80 |
| Lanes | 0.02 |
| Pools | 0.00 |
| vpwpp | 5 |
| Cost | $£ 16,244$ |

## Population Profile:

| AOI Age / Gender | Uttlesford |  | National |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Male | Female | Male | Female |
| 0to4 | 6\% | 5\% | 6\% | 5\% |
| 5 to 9 | 7\% | 6\% | 6\% | 6\% |
| 10to15 | 8\% | 8\% | 8\% | 7\% |
| 16to19 | 4\% | 4\% | 5\% | 4\% |
| 20to24 | 4\% | 4\% | 6\% | 6\% |
| 25to29 | 5\% | 5\% | 7\% | 6\% |
| 30to34 | 5\% | 5\% | 7\% | 7\% |
| 35to39 | 6\% | 6\% | 7\% | 7\% |
| 40to44 | 7\% | 7\% | 6\% | 6\% |
| 45to49 | 7\% | 7\% | 6\% | 6\% |
| 50to54 | 8\% | 8\% | 7\% | 7\% |
| 55to59 | 8\% | 8\% | 6\% | 7\% |
| 60to64 | 6\% | 6\% | 6\% | 6\% |
| 65to69 | 5\% | 5\% | 5\% | 5\% |
| 70to74 | 5\% | 5\% | 4\% | 5\% |
| 75to79 | 4\% | 4\% | 4\% | 4\% |
| 80to84 | 3\% | 3\% | 2\% | 3\% |
| 85to89 | 1\% | 2\% | 1\% | 2\% |
| 90+ | 1\% | 2\% | 1\% | 1\% |
| Total | 100\% | 100\% | 100\% | 100\% |

Male Population by Age group


Female Population by Age group


[^0]
## Playing Pitch Calculator

## Core Criteria

| Area of interest |
| :--- |
| Data source |
| Population profile used |
| Total population of the area of interest |

New population to estimate the demand for

## Current Population

## Football

| Men 11v11 (16-45yrs) |
| :--- |
| Women 11v11 (16-45yrs) |
| Boys 11v11 (12-15yrs) |
| Girls 11v11 (12-15yrs) |
| Boys 9v9 (10-11yrs) |
| Girls 9v9 (10-11yrs) |
| Mixed 7v7 (8-9yrs) |
| Mixed 5v5 (6-7yrs) |
| Cricket |
| Men (18-55yrs) |
| Women (18-55yrs) |
| Boys (7-18yrs) |
| Girls (7-18yrs) |
| Rugy |

Rugby Union

| Men (19-45yrs) |
| :--- |
| Women (19-45yrs) |
| Boys (13-18yrs) |
| Girls (13-18yrs) |
| Mixed (7-12yrs) |

Rugby League

| Men (19-45yrs) |
| :--- |
| Women (19-45yrs) |
| Boys (12-18yrs) |
| Girls (12-18yrs) |
| Mixed (7-11yrs) |
| Hockey |
| Men (17-55yrs) |
| Women (17-55yrs) |
| Boys (14-16yrs) |
| Girls (14-16yrs) |
| Boys (11-13yrs) |


| Girls (11-13yrs) |
| :--- |
| Mixed (5-10yrs) |

Teams \& Members

## Football Teams

| Men 11v11 (16-45yrs) |
| :--- |
| Women 11v11 (16-45yrs) |
| Boys $11 \mathrm{v11}$ (12-15yrs) |
| Girls 11v11 (12-15yrs) |
| Boys 9v9 (10-11yrs) |
| Girls 9v9 (10-11yrs) |
| Mixed 7v7 (8-9yrs) |
| Mixed 5v5 (6-7yrs) |

Cricket Teams

| Men (18-55yrs) |
| :--- |
| Women (18-55yrs) |
| Boys (7-18yrs) |
| Girls (7-18yrs) |

## Rugby Union Teams

| Men (19-45yrs) |
| :--- |
| Women (19-45yrs) |
| Boys (13-18yrs) |
| Girls (13-18yrs) |
| Mixed (7-12yrs) |

Rugby League Teams

| Men (19-45yrs) |
| :--- |
| Women (19-45yrs) |
| Boys (12-18yrs) |
| Girls (12-18yrs) |
| Mixed (7-11yrs) |

Hockey Teams

| Men (17-55yrs) |
| :--- |
| Women (17-55yrs) |
| Boys (14-16yrs) |
| Girls (14-16yrs) |
| Boys (11-13yrs) |
| Girls (11-13yrs) |
| Mixed (5-10yrs) |

Hockey Junior Members

| Boys (14-16yrs) |
| :--- |
| Girls (14-16yrs) |
| Boys (11-13yrs) |
| Girls (11-13yrs) |
| Mixed (5-10yrs) |

## Peak Period

## Football

| Men 11v11 (16-45yrs) |
| :--- |
| Women 11v11 (16-45yrs) |
| Boys 11v11 (12-15yrs) |
| Girls 11v11 (12-15yrs) |
| Boys 9v9 (10-11yrs) |
| Girls 9v9 (10-11yrs) |
| Mixed 7v7 (8-9yrs) |
| Mixed 5v5 (6-7yrs) |
| Rugby Union |
| Men (19-45yrs) |
| Women (19-45yrs) |
| Boys (13-18yrs) |
| Girls (13-18yrs) |
| Mixed (7-12yrs) |
| Rugy Leagu |

## Rugby League

| Men (19-45yrs) |
| :--- |
| Women (19-45yrs) |
| Boys (12-18yrs) |
| Girls (12-18yrs) |
| Mixed (7-11yrs) |

Hockey

| Men (17-55yrs) |
| :--- |
| Women (17-55yrs) |
| Boys (14-16yrs) |
| Girls (14-16yrs) |
| Boys (11-13yrs) |
| Girls (11-13yrs) |
| Mixed (5-10yrs) |

## Adjust Demand

## Football

| Men 11v11 (16-45yrs) |
| :--- |
| Women 11v11 (16-45yrs) |
| Boys 11v11 (12-15yrs) |
| Girls 11v11 (12-15yrs) |
| Boys 9v9 (10-11yrs) |
| Girls 9v9 (10-11yrs) |
| Mixed 7v7 (8-9yrs) |
| Mixed 5v5 (6-7yrs) |
| Cricket |
| Men (18-55yrs) |
| WoMen (18-55yrs) |


| Boys (7-18yrs) |
| :--- |
| Girls (7-18yrs) |

Rugby Union

| Men (19-45yrs) |
| :--- |
| Women (19-45yrs) |
| Boys (13-18yrs) |
| Girls (13-18yrs) |
| Mixed (7-12yrs) |

Rugby League

| Men (19-45yrs) |
| :--- |
| Women (19-45yrs) |
| Boys (12-18yrs) |
| Girls (12-18yrs) |
| Mixed (7-11yrs) |

## Hockey

| Men (17-55yrs) |
| :--- |
| Women (17-55yrs) |
| Boys (14-16yrs) |
| Girls (14-16yrs) |
| Boys (11-13yrs) |
| Girls (11-13yrs) |
| Mixed (5-10yrs) |

Population Profile

|  | Age Band |
| ---: | ---: |
|  | 0 to 4 |
|  | 5 to 9 |
|  | 10 to 15 |
|  | 16 to 19 |
|  | 20 to 24 |
|  | 25 to 29 |
|  | 30 to 34 |
|  | 35 to 39 |
|  | 40 to 44 |
|  | 45 to 49 |
|  | 50 to 54 |
|  | 55 to 59 |
|  | 60 to 64 |
|  | 65 to 69 |
|  | 70 to 74 |
|  | 75 to 79 |
|  | 80 to 84 |
|  | 85 to 89 |
|  | $90+$ |


|  | Uttlesford |
| ---: | ---: |
| Uttlesford PPS 2019 |  |
| User defined |  |
| 91,604 |  |

Population in age group

|  | 14,621 |
| ---: | ---: |
|  | 15,271 |
| 2,354 |  |
|  | 2,296 |
| 1,179 |  |
|  | 1,160 |
| 2,385 |  |
| 2,396 |  |


|  | 20,443 |
| ---: | ---: |
| 21,296 |  |
| 7,092 |  |
|  | 6,839 |


|  | 12,930 |
| ---: | ---: |
| 13,596 |  |
| 3,424 |  |
|  | 3,387 |
|  | 7,119 |


|  | 12,930 |
| ---: | ---: |
| 13,596 |  |
| 4,045 |  |
| 3,970 |  |
|  | 5,915 |


|  | 21,008 |
| ---: | ---: |
|  | 21,846 |
| 1,738 |  |
|  | 1,751 |
| 1,759 |  |


|  |
| ---: |
|  |

Number of teams (members for junior hockey) per age group

|  | 36 |
| ---: | ---: |
|  | 2 |
|  | 35 |
|  | 3 |
|  | 22 |
|  | 30 |
|  | 31 |


|  | 68 |
| ---: | ---: |
|  | 2 |
| 61 |  |
|  | 1 |



|  | 48 |
| ---: | ---: |
|  | 67 |
|  | 44 |
|  | 57 |
|  | 115 |

Percentage of play in the peak period

|  | $100 \%$ |
| ---: | ---: |
| $100 \%$ |  |
| $100 \%$ |  |
|  | $100 \%$ |
| $100 \%$ |  |
| $100 \%$ |  |
| $100 \%$ |  |
|  | $100 \%$ |


|  | $100 \%$ |
| ---: | ---: |
|  | $100 \%$ |
|  | $100 \%$ |
|  | $100 \%$ |
|  | $100 \%$ |


|  | $100 \%$ |
| ---: | ---: |
| $100 \%$ |  |
| $100 \%$ |  |
|  | $100 \%$ |
|  | $100 \%$ |


|  | $100 \%$ |
| ---: | ---: |
| $100 \%$ |  |
| $100 \%$ |  |
| $100 \%$ |  |
| $100 \%$ |  |
|  | $100 \%$ |
| $100 \%$ |  |

Projected adjusted demand

|  | $0 \%$ |
| ---: | ---: |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |


|  | $0 \%$ |
| ---: | ---: |
|  | $0 \%$ |


|  |
| ---: |
| $0 \%$ |


|  | $0 \%$ |
| :--- | :--- |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |


|  | $0 \%$ |
| ---: | ---: |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |


|  | $0 \%$ |
| ---: | ---: |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |
|  | $0 \%$ |


|  | Uttle |
| ---: | ---: |
|  | Male |
|  | $5.71 \%$ |
| $6.74 \%$ |  |
|  | $8.08 \%$ |
|  | $4.22 \%$ |
| $4.15 \%$ |  |
|  | $5.11 \%$ |
| $5.26 \%$ |  |
|  | $5.81 \%$ |
| $6.83 \%$ |  |
|  | $6.87 \%$ |
| $7.94 \%$ |  |
|  | $7.62 \%$ |
| $6.38 \%$ |  |
|  | $5.25 \%$ |
|  | $5.27 \%$ |
| $4.10 \%$ |  |
|  | $2.44 \%$ |
| $1.52 \%$ |  |
|  | $0.70 \%$ |

$\square 100.00 \%$
sford

|  | Female |
| ---: | ---: |
|  | $5.38 \%$ |
| $6.27 \%$ |  |
|  | $7.46 \%$ |
|  | $4.04 \%$ |
|  | $3.76 \%$ |
|  | $4.61 \%$ |
|  | $5.55 \%$ |
|  | $6.32 \%$ |
|  | $6.83 \%$ |
|  | $7.16 \%$ |
|  | $7.61 \%$ |
|  | $7.66 \%$ |
|  | $6.48 \%$ |
|  | $5.23 \%$ |
|  | $5.26 \%$ |
|  | $3.98 \%$ |
|  | $2.79 \%$ |
|  | $2.02 \%$ |
|  | $1.59 \%$ |

$\square 100.00 \%$

## Results

Part 1: Estimated demand for matches in the weekly peak period (per season for Cricket)

Football

| Adult |
| :--- |
| Youth |
| Mini |
| Rugby Union |
| Adult (inc. youth \& mini) |
| Rugby League |
| Adult (inc. youth \& mini) |
| Hockey |
| Adult |
| Junior \& Mixed U10s |
| Cricket |
| Open Age \& Junior |

Part 2: Estimated demand for training per week (match equivalent sessions or hours)

| Football - hours on a 3G artificial grass pitch |
| :--- |
| Rugby Union - Match equivalent sessions on a floodlit natural grass pitch |
| Rugby League - Match equivalent sessions on a floodlit natural grass pitch |
| Hockey - Adult (Hours on a sand based artificial grass pitch) |
| Hockey - Junior \& Mixed U10s (Hours on a sand based artificial grass pitch) |
| Cricket - N/a |

Part 3: The most appropriate way to meet the estimated demand

It is important that the Parts 1 and 2 results are looked at alongside the findings of an assessment of need for playing pitches, and the recommendations and actions of any related plan/strategy, for the area. By doing so, the most appropriate way of meeting the estimated needs can be determined and any resulting proposals justfified. This should include:

1. Using the assessment of need and related plan/strategy to understand the nature of the playing pitch sites within an appropriate catchment of the new population along with issues, recommendations and actions relevant to that area.
2. Looking at the different ways in which the needs could be met, including for example:
a. Enhancing existing provision to increase capacity, supported by suitable management and maintenance arrangements to ensure the greater capacity is maintained over the longer term;
b. Undertaking works, and ensuring long term maintenance and access arrangements, to secure new or greater community use of existing provision;
c. Providing new pitches on new sites (natural and/or artificial grass pitches).
3. Having regard to the Government\’s regulations, policy and guidance regarding the use of the Community Infrastructure Levy and planning obligations (e.g. the Regulation 122 tests )
If the decision is taken to provide new pitches, then the calculator takes the estimated needs for matches and training activitv and converts this into an estimate of the_likelv nitch_ orovision reauired to meet the needs_based_n

## Part 4: Estimated demand and costs for new pitches (matches and training demand) and

## Total

| Natural Grass Pitches |
| :--- |
| Adult Football |
| Youth Football |
| Mini Soccer |
| Rugby Union |
| Rugby League |
| Cricket |

Artificial Grass Pitches
Sand Based
3G

Match equivalent sessions in the peak period (per season for cricket)

|  | 0.02 |
| :--- | ---: |
|  | 0.03 |
|  | 0.02 |
|  | 0.01 |
|  | 0.00 |
|  | 0.01 |
|  | 0.01 |


| Match equivalent sessions or hours per week |  |
| ---: | ---: |
|  | 0.13 |
|  | 0.01 |
|  | 0.00 |
|  | 0.02 |
|  | 0.01 |

## ancillary provision

Number of pitches required to meet the estimated demand 0.10

|  | 0.09 |
| ---: | ---: |
|  | 0.02 |
|  | 0.03 |
|  | 0.02 |
|  | 0.01 |
|  | 0.00 |
|  | 0.02 |


|  | 0.01 |
| ---: | ---: |
|  | 0.00 |
|  | 0.00 |

al Turf Pitches and Artificial Surfaces documents (April 2012)

| Capital Cost | Lifecycle Cost (per annum) | Changing rooms (number) |
| :---: | :---: | :---: |
| £18,694 | £2,827 | 0.13 |
|  |  |  |
| £12,731 | £2,622 | 0.12 |
| £1,645 | £347 | 0.03 |
| £2,287 | £480 | 0.03 |
| £761 | £160 | 0.00 |
| £912 | £195 | 0.01 |
| £0 | £0 | 0.00 |
| £7,126 | £1,440 | 0.04 |
|  |  |  |
| £5,963 | £205 | 0.01 |
| £2,119 | £66 | 0.00 |
| £3,844 | £139 | 0.01 |

Changing rooms (capital cost)

| £24,466 |
| ---: |


|  | $£ 22,186$ |
| ---: | ---: |
|  | $£ 5,913$ |
|  | $£ 0$ |
|  | $£ 2,151$ |
|  | $£ 0$ |
|  | $£ 8,152$ |


|  | $£ 2,280$ |
| ---: | ---: |
| $£ 930$ |  |
| $£ 1,350$ |  |


|  | Q1. How many people from the new population may fall within age groups? |  |  |
| :---: | :---: | :---: | :---: |
| Sport age groups | Current percentage of the total population in the area of interest (using data from the Current Population criteria) | A1(Current Population Criteria). Number of people in each sport age group (based on data from the Current Population criteria) | Percentage of the total population in the area (using data from the Population Profile criteria) |
| Football |  |  |  |
| Men 11v11 (16-45yrs) | 15.96\% | 11.81 | 15.97\% |
| Women 11v11 (16-45yrs) | 16.67\% | 12.34 | 16.62\% |
| Boys 11v11 (12-15yrs) | 2.57\% | 1.90 | 2.59\% |
| Girls 11v11 (12-15yrs) | 2.51\% | 1.85 | 2.54\% |
| Boys 9v9 (10-11yrs) | 1.29\% | 0.95 | 1.34\% |
| Girls 9v9 (10-11yrs) | 1.27\% | 0.94 | 1.28\% |
| Mixed 7v7 (8-9yrs) | 2.60\% | 1.93 | 2.65\% |
| Mixed 5v5 (6-7yrs) | 2.62\% | 1.94 | 2.62\% |
| Cricket |  |  |  |
| Men (18-55yrs) | 22.32\% | 16.51 | 22.08\% |
| Women (18-55yrs) | 23.25\% | 17.20 | 23.05\% |
| Boys (7-18yrs) | 7.74\% | 5.73 | 7.77\% |
| Girls (7-18yrs) | 7.47\% | 5.52 | 7.59\% |
| Rugby Union |  |  |  |
| Men (19-45yrs) | 14.12\% | 10.45 | 14.15\% |
| Women (19-45yrs) | 14.84\% | 10.98 | 14.80\% |
| Boys (13-18yrs) | 3.74\% | 2.77 | 3.74\% |
| Girls (13-18yrs) | 3.70\% | 2.74 | 3.72\% |
| Mixed (7-12yrs) | 7.77\% | 5.75 | 7.91\% |
| Rugby League |  |  |  |
| Men (19-45yrs) | 14.12\% | 10.45 | 14.15\% |
| Women (19-45yrs) | 14.84\% | 10.98 | 14.80\% |
| Boys (12-18yrs) | 4.42\% | 3.27 | 4.42\% |
| Girls (12-18yrs) | 4.33\% | 3.21 | 4.36\% |
| Mixed (7-11yrs) | 6.46\% | 4.78 | 6.58\% |
| Hockey |  |  |  |
| Men (17-55yrs) | 22.93\% | 16.97 | 22.66\% |
| Women (17-55yrs) | 23.85\% | 17.65 | 23.65\% |
| Boys (14-16yrs) | 1.90\% | 1.40 | 1.96\% |
| Girls (14-16yrs) | 1.91\% | 1.41 | 1.93\% |
| Boys (11-13yrs) | 1.92\% | 1.42 | 2.00\% |
| Girls (11-13yrs) | 1.87\% | 1.39 | 1.91\% |
| Mixed (5-10yrs) | 7.83\% | 5.80 | 7.77\% |


| the individual sport | Q2. How many teams may be generated by the new population? |  |  | Q3. How many home n period (during the yea |
| :---: | :---: | :---: | :---: | :---: |
| A1(Population Profile Criteria). Number of people in each sport age group (based on data from the Population Profile criteria) | Team generation rate | Number of teams generated by the new population | A2. Number of teams generated by the new population (with any selected \% adjustment in demand applied) | Number of home matches per team per week (per year for Cricket) |
| 11.82 | 406 | 0.03 | 0.03 | 0.50 |
| 12.30 | 7636 | 0.00 | 0.00 | 0.50 |
| 1.92 | 67 | 0.03 | 0.03 | 0.50 |
| 1.88 | 765 | 0.00 | 0.00 | 0.50 |
| 0.99 | 54 | 0.02 | 0.02 | 0.50 |
| 0.95 | 290 | 0.00 | 0.00 | 0.50 |
| 1.96 | 80 | 0.02 | 0.02 | 0.50 |
| 1.94 | 77 | 0.03 | 0.03 | 0.50 |
| 16.34 | 301 | 0.05 | 0.05 | 10.00 |
| 17.06 | 10648 | 0.00 | 0.00 | 10.00 |
| 5.75 | 116 | 0.05 | 0.05 | 8.00 |
| 5.62 | 6839 | 0.00 | 0.00 | 8.00 |
| 10.47 | 3233 | 0.00 | 0.00 | 0.50 |
| 10.95 | 0 | 0.00 | 0.00 | 0.50 |
| 2.77 | 571 | 0.00 | 0.00 | 0.50 |
| 2.75 | 0 | 0.00 | 0.00 | 0.50 |
| 5.85 | 475 | 0.01 | 0.01 | 0.50 |
| 10.47 | 0 | 0.00 | 0.00 | 0.50 |
| 10.95 | 0 | 0.00 | 0.00 | 0.50 |
| 3.27 | 0 | 0.00 | 0.00 | 0.50 |
| 3.23 | 0 | 0.00 | 0.00 | 0.50 |
| 4.87 | 0 | 0.00 | 0.00 | 0.50 |
| 16.77 | 2626 | 0.01 | 0.01 | 0.50 |
| 17.50 | 3641 | 0.00 | 0.00 | 0.50 |
| 1.45 | 435 | 0.00 | 0.00 | 0.50 |
| 1.43 | 438 | 0.00 | 0.00 | 0.50 |
| 1.48 | 352 | 0.00 | 0.00 | 0.50 |
| 1.41 | 343 | 0.00 | 0.00 | 0.50 |
| 5.75 | 0 | 0.00 | 0.00 | 0.50 |


| latches may be demanded by the new population in the relevant weekly peak - for Cricket)? |  |  | Q4. How much deman |
| :---: | :---: | :---: | :---: |
| Number of home matches per week (per year for cricket) required from the number of teams generated by the new population | Number of mini/midi Rugby Union and primary Rugby League matches as a proportion of an adult match session (to reflect that such play generally takes place on adult pitches) | A3. Number of home matches during the weekly peak period (during the year for Cricket) generated by the new population | Junior hockey member generation rate |
| 0.01 | N/a | 0.01 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.01 | N/a | 0.01 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.01 | N/a | 0.01 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.01 | N/a | 0.01 | N/a |
| 0.01 | N/a | 0.01 | N/a |
|  |  |  |  |
| 0.54 | N/a | 0.54 | N/a |
| 0.02 | N/a | 0.02 | N/a |
| 0.40 | N/a | 0.40 | N/a |
| 0.01 | N/a | 0.01 | N/a |
|  |  |  |  |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.01 | 0.25 | 0.00 | N/a |
|  |  |  |  |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | 0.25 | 0.00 | N/a |
|  |  |  |  |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | N/a |
| 0.00 | N/a | 0.00 | 36.21 |
| 0.00 | N/a | 0.00 | 26.13 |
| 0.00 | N/a | 0.00 | 39.98 |
| 0.00 | N/a | 0.00 | 30.12 |
| 0.00 | N/a | 0.00 | 62.38 |

id for training per week may be demanded by the new population?

| Number of junior hockey members generated by the new population | "Number of junior hockey members generated by the new population (with any selected \% adjustment in demand applied) | Number of junior hockey members in a training squad | Number of junior hockey training squads generated by the new population | Number of training sessions per team (or junior hockey squad) per week |
| :---: | :---: | :---: | :---: | :---: |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 0.00 |
| N/a | N/a | N/a | N/a | 0.00 |
| N/a | N/a | N/a | N/a | 0.00 |
| N/a | N/a | N/a | N/a | 0.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| N/a | N/a | N/a | N/a | 1.00 |
| 0.04 | 0.04 | 40 | 0.00 | 1.00 |
| 0.05 | 0.05 | 40 | 0.00 | 1.00 |
| 0.04 | 0.04 | 40 | 0.00 | 1.00 |
| 0.05 | 0.05 | 40 | 0.00 | 1.00 |
| 0.09 | 0.09 | 60 | 0.00 | 1.00 |


| Number of training sessions per week required from the number of teams (or junior hockey training squads) generated by the new population |  |  | Q5. What does the estimated of new pitch provision? |  |
| :---: | :---: | :---: | :---: | :---: |
|  | What an individual team (squad for junior hockey) training session equates to in match equivalent sessions (for Rugby Union and Rugby league) or hours (for Football and Hockey). | A4. Training demand per week generated by the new population in match equivalent sessions (for Rugby Union and Rugby League) or hours (for Football and Hockey) | Number of matches per Cricket pitch per season. | Natural grass pitches required per sport age group |
| 0.03 | 1.00 | 0.03 | N/a | 0.01 |
| 0.00 | 1.00 | 0.00 | N/a | 0.00 |
| 0.03 | 1.00 | 0.03 | N/a | 0.01 |
| 0.00 | 1.00 | 0.00 | N/a | 0.00 |
| 0.02 | 1.00 | 0.02 | N/a | 0.01 |
| 0.00 | 1.00 | 0.00 | N/a | 0.00 |
| 0.02 | 1.00 | 0.02 | N/a | 0.01 |
| 0.03 | 1.00 | 0.03 | N/a | 0.01 |
|  |  |  |  |  |
| 0.00 | 0.00 | 0.00 | 40 | 0.01 |
| 0.00 | 0.00 | 0.00 | 40 | 0.00 |
| 0.00 | 0.00 | 0.00 | 56 | 0.01 |
| 0.00 | 0.00 | 0.00 | 56 | 0.00 |
|  |  |  |  |  |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.01 | 0.25 | 0.00 | N/a | 0.00 |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.00 | 0.50 | 0.00 | N/a | 0.00 |
| 0.00 | 0.25 | 0.00 | N/a | 0.00 |
|  |  |  |  |  |
| 0.01 | 1.50 | 0.01 | N/a | N/a |
| 0.00 | 1.50 | 0.01 | N/a | N/a |
| 0.00 | 1.50 | 0.00 | N/a | N/a |
| 0.00 | 1.50 | 0.00 | N/a | N/a |
| 0.00 | 1.00 | 0.00 | N/a | N/a |
| 0.00 | 1.00 | 0.00 | N/a | N/a |
| 0.00 | 1.00 | 0.00 | N/a | N/a |


| A5. Natural grass pitches required per pitch type | Capacity of an artificial grass pitch (sand) in terms of no. of matches during the relevant peak period | Artificial grass pitches (sand) required per sport age group | A5. Artificial grass pitches (sand) required. | Natural grass pitch capacity in match equivalent sessions a week. |
| :---: | :---: | :---: | :---: | :---: |
| 0.02 | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| 0.02 | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| 0.01 | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| 0.01 | N/a | N/a | N/a | N/a |
| 0.01 | N/a | N/a | N/a | N/a |
| 0.02 | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| 0.01 | N/a | N/a | N/a | 2.00 |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| 0.00 | N/a | N/a | N/a | 2.00 |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| Added to above | N/a | N/a | N/a | N/a |
| N/a | 4 | 0.00 | 0.00 | N/a |
| N/a | 4 | 0.00 | Added to above | N/a |
| N/a | 4 | 0.00 | 0.00 | N/a |
| N/a | 4 | 0.00 | Added to above | N/a |
| N/a | 6 | 0.00 | Added to above | N/a |
| N/a | 6 | 0.00 | Added to above | N/a |
| N/a | 6 | 0.00 | Added to above | N/a |



|  | Q7. How many pitches are required to meet the estimated demand for home matches and training |  |  | Q8a. How much ma the new natural gra |
| :---: | :---: | :---: | :---: | :---: |
| A6. Artificial Grass Pitches (3G) required. | A7. Natural grass pitches required per pith type | A7. Artificial Grass Pitches (Sand) required. | A7. Artificial Grass Pitches (3G) required. | Estimated capital cost to provide the new provision (without regional variation) |
| 0.00 | 0.02 | N/a | 0.00 | 1,612 |
| Included in above | Added to above | N/a | Included in above | Included in above |
| Included in above | 0.02 | N/a | Included in above | 1,318 |
| Included in above | Added to above | N/a | Included in above | Included in above |
| Included in above | 0.01 | N/a | Included in above | 924 |
| Included in above | Added to above | N/a | Included in above | Included in above |
| Included in above | 0.01 | N/a | Included in above | 370 |
| Included in above | 0.01 | N/a | Included in above | 377 |
|  |  |  |  |  |
| N/a | 0.02 | N/a | N/a | 6,987 |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
|  |  |  |  |  |
| N/a | 0.01 | N/a | N/a | 894 |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
|  |  |  |  |  |
| N/a | 0.00 | N/a | N/a | 0 |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
| N/a | Added to above | N/a | N/a | Included in above |
|  |  |  |  |  |
| N/a | N/a | 0.00 | N/a | N/a |
| N/a | N/a | Included in above | N/a | N/a |
| N/a | N/a | Included in above | N/a | N/a |
| N/a | N/a | Included in above | N/a | N/a |
| N/a | N/a | Included in above | N/a | N/a |
| N/a | N/a | Included in above | N/a | N/a |
| N/a | N/a | Included in above | N/a | N/a |


| y it cost to provide ss pitch provision? | Q8b. How much may it cost to provide the new artificial grass pitch provision? |  | Q9a. What might the lifecycle costs of $t$ grass pitch provision be? |  |
| :---: | :---: | :---: | :---: | :---: |
| Estimated capital cost to provide the new provision (with regional variation) | Estimated capital cost to provide the new provision (without regional variation) | Estimated capital cost to provide the new provision (with regional variation) | Pitch sinking fund cost (annual) | Pitch maintenance cost (annual) |
| 1,645 | 3,769 | 3,844 | 72 | 275 |
| Included in above | Included in above | Included in above | Included in above | Included in above |
| 1,344 | Included in above | Included in above | 91 | 389 |
| Included in above | Included in above | Included in above | Included in above | Included in above |
| 943 | Included in above | Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above | Included in above | Included in above |
| 377 | Included in above | Included in above | 30 | 129 |
| 384 | Included in above | Included in above | Included in above | Included in above |
| 7,126 | N/a | N/a | 349 | 1,090 |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| 912 | N/a | N/a | 43 | 152 |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| 0 | N/a | N/a | 0 | 0 |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| Included in above | N/a | N/a | Included in above | Included in above |
| N/a | 2,077 | 2,119 | N/a | N/a |
| N/a | Included in above | Included in above | N/a | N/a |
| N/a | Included in above | Included in above | N/a | N/a |
| N/a | Included in above | Included in above | N/a | N/a |
| N/a | Included in above | Included in above | N/a | N/a |
| N/a | Included in above | Included in above | N/a | N/a |
| N/a | Included in above | Included in above | N/a | N/a |


| he new natural | Q9b. What might the lifecycle costs of the new artificial grass pitch provision be? |  |  | Q10. What ancillary provision |
| :---: | :---: | :---: | :---: | :---: |
| Lifecycle costs for the new pitch provision (annual) | Pitch sinking fund cost (annual) | Pitch maintenance cost (annual) | Lifecycle costs for the new pitch provision (annual) | Number of changing rooms per pitch |
| 347 | 121 | 19 | 139 | 2 |
| Included in above | Included in above | Included in above | Included in above | Included in above |
| 480 | Included in above | Included in above | Included in above | 2 |
| Included in above | Included in above | Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above | Included in above | 0 |
| Included in above | Included in above | Included in above | Included in above | Included in above |
| 160 | Included in above | Included in above | Included in above | 0 |
| Included in above | Included in above | Included in above | Included in above | 0 |
| 1,440 | N/a | N/a | N/a | 2 |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| 195 | N/a | N/a | N/a | 2 |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| 0 | N/a | N/a | N/a | 2 |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| Included in above | N/a | N/a | N/a | Included in above |
| N/a | 55 | 11 | 66 | 2 |
| N/a | Included in above | Included in above | Included in above | Included in above |
| N/a | Included in above | Included in above | Included in above | Included in above |
| N/a | Included in above | Included in above | Included in above | Included in above |
| N/a | Included in above | Included in above | Included in above | Included in above |
| N/a | Included in above | Included in above | Included in above | Included in above |
| N/a | Included in above | Included in above | Included in above | Included in above |
|  |  |  |  | Football 3G |
|  |  |  |  | 2 |

## provision may be required to support the new pitch

| Number of changing rooms | Capital Cost | Capital cost with regional variation |
| :---: | :---: | :---: |
| 0.03 | 5,797 | 5,913 |
| Included in above | Included in above | Included in above |
| 0.03 | 5,852 | 5,969 |
| Included in above | Included in above | Included in above |
| 0.00 | 0 | 0 |
| Included in above | Included in above | Included in above |
| 0.00 | 0 | 0 |
| 0.00 | 0 | 0 |
| 0.04 | 7,992 | 8,152 |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| 0.01 | 2,109 | 2,151 |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| 0.00 | 0 | 0 |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| 0.00 | 912 | 930 |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| Included in above | Included in above | Included in above |
| 0.01 | 1,323 | 1,350 |


[^0]:    DISCLAIMER: Sport England has made all reasonable endeavours to ensure the accuracy of the material contained in the Sport Facility Calculator.
    The Calculator has been produced in good faith and Sport England does not accept any liability that may come from the use of it.
    The use of the Calculator is entirely at the user's own risk and Sport England does not accept any liability caused from its use.

