Swindon Borough

Playing Pitch Assessment

2016-2021

SUPPLEMENTARY TECHNICAL PROJECTION OF DEMAND TO 2026

Appendix 11

Sport England Playing Pitch Calculator Outputs

Whole Borough Scenarios

Scenario A

Calculator Pitch Requirements to 2026: Whole Borough, 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to work it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	assessment work to be entered - <u>see</u>			
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon]		
2. Enter the total population of the local authority.	220,245]		
3. Enter the new population to estimate the demand for.	253,490]		
PART TWO: Estimated demand in match equivalent sessions during the veekly peak per	riod (across a season for Cricket)			
Adult football = Youth = Mini Soccer = Bugby Union = Bugby League = Hockey = Cricket =	43.16 60.42 42.58 8.78 1.15 8.63 356.79			
PART THREE: The most appropriate way to meet the estimated demand				
 Look at the location of the new population alongside the results of the plaging pitch strategy assessment work. Understand the nature of plaging pitch sites within an appropriate catchment of the new population and issues in the . This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the b. Understaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new plaging pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governm Community Infrastructure Levy (CIL) and the use of planning obligations. Link here to the CIL Section of the Government's Planning Practice Guidance. approx any and the use of planning events ways of meeting the result of the planning our relevant opport any and the use of planning of the during on the your engineer they are planning our events. 	area. he higher use; or greater community use of existing sites; ent's regulations, policy and guidance regarding the manning manager or by emain at			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	uring the weekly peak period (serect			
It may be decided that the estimated demand an new praying pitches to need the estimated demand of of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rug An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	i. If this is the case then an indication of the number by and cricket and new artificial grass pitches for ical work should be undertaken to determine more			
Total =	166.85	pitches at a capital cost of £13,872,182	and a total life cycle cost (per	£2,604,265
Adult Football = Youth Football = Mini Soccer = Rugby Union Rugby League = Hockey = Cricket =	43.16 60.42 42.58 8.78 1.15 2.16 8.59	pitches at a capital cost of £3,668,639 pitches at a capital cost of £4,229,725 pitches at a capital cost of £851,700 pitches at a capital cost of £1,009,235 pitches at a capital cost of £120,849 pitches at a capital cost of £1,672,468 pitches at a capital cost of £2,319,566	and a total life cycle cost (per and a total life cycle cost (per	£774,083 £888,242 £178,857 £215,976 £26,708 £51,846 £468,552
*. Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant as Columns 0 to X for Part 41. The nick costs used as the same for all are groups within the same statement for Washings Sheet Column	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and a	3-9 yrs). Figures for the individual age groups are ava	ilable in the Workings Sheet (Column O	for Part 2 and
Source of costs - Stand on a X of the total provided and the same for all age groups within the same category (see Working's Sheet, Column Source of costs - Capital Costs - Sport Englished Society of the total provided and the same category is a X of the total provided for the same part of the Sport Englished's Life Orde Costs Natural Turf Pitches a	n d Artificial Surfaces documents (April 2012)			

	Q1. How ma from the new fall within the pitch sport a	ny people population individual ge groups?	Q2. How r may be gene new pop	nany teams crated by the pulation?	Q3. How many n during the relev demanded by	natch equi vant peak v the new p	ivalent sessions period may be population?	Q4. What do the match equivalent sessions equate to in terms of new pitch provision?	Q5. Ho cost to p pitch	w much may it provide the new provision?	Q6. What of t	at might the li the new provis	fecycle costs sion be?
Sporting Age Groups	% of total population in the area	No. of people within the new populatio n	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demand in number of pitches required to meet additional demand during weekly peak period (during the year for	Pitch Capital Cost (Q2 2017)	Estimated capital cost for no. of pitches generated by the new population	Pitch sinking fund cost (annual)	Pitch maintenanc e cost (annual)	Life cycle costs for no of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	19.6%	49777	81.72	81.72	40.86	100%	40.86	40.86	85,000	3,668,639	161,420	612,663	774,08
Football Adult Women 11v11 (16-45yrs)	19.0%	48078	4.60	4.60	2.30	100%	2.30	2.30					
Football Youth Boys11v11 (12-15yrs)	2.2%	5598	70.21	70.21	35.10	100%	35.10	35.10	70,000	4,229,725	169,189	719,053	888,24
Football Youth Girls 11v11 (12-15yrs)	2.0%	5188	5.75	5.75	2.88	100%	2.88	2.88					
Football Youth Boys 9v9 (10-11yrs)	1.2%	3088	43.74	43.74	21.87	100%	21.87	21.87					
Football Youth Girls 9v9 (10-11yrs)	1.1%	2793	1.15	1.15	0.58	100%	0.58	0.58					
Football Mini Soccer Mixed 7v7 (8-9yrs)	2.6%	6483	49.49	49.49	24.75	100%	24.75	24.75	20,000	851,700	34,068	144,789	178,85
Football Mini Soccer Mixed 5v5 (6-7yrs)	2.6%	6560	35.68	35.68	17.84	100%	17.84	17.84					
Cricket Open Age Mens (18-55yrs)	26.1%	66149	31.08	31.08	310.76	N/a	310.76	7.77	270,000	2,319,566	113,659	354,894	468,55
Cricket Open Age Womens (18-55yrs)	25.2%	63981	0.00	0.00	0.00	N/a	0.00	0.00					
Cricket Junior Boys (7-18yrs)	7.0%	17829	5.75	5.75	46.04	N/a	46.04	0.82					
Cricket Junior Girls (7-18yrs)	6.6%	16723	0.00	0.00	0.00	N/a	0.00	0.00					
Rugby Union Senior Men (19-45yrs)	18.0%	45653	6.91	6.91	3.45	100%	3.45	3.45	115,000	1,009,235	47,434	168,542	215,97
Rugby Union Senior Women (19-45yrs)	17.4%	44021	1.15	1.15	0.58	100%	0.58	0.58					
Rugby Union Youth Boys (13-18yrs)	3.3%	8319	4.60	4.60	2.30	100%	2.30	2.30					
Rugby Union Youth Girls (13-18yrs)	3.1%	7932	2.30	2.30	1.15	100%	1.15	1.15					
Rugby Union Mini/Midi Mixed (7-12yrs)	7.2%	18315	10.36	10.36	5.18	100%	1.29	1.29					
	18.0%	45653	2.30	2.30	1.15	100%	1.15	1.15	105,000	120,849	5,559	21,149	26,70
Rugby League Adult Men (19-45yrs)													
Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs)	17.4%	44021	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs)	17.4% 3.8%	44021 9723	0.00	0.00	0.00	100% 100%	0.00	0.00					
Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Junior Girls (12-18yrs)	17.4% 3.8% 3.6%	44021 9723 9244	0.00 0.00 0.00	0.00 0.00 0.00	0.00	100% 100% 100%	0.00 0.00 0.00	0.00 0.00 0.00					
kugoy League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Junior Giris (12-18yrs) Rugby League Primary Mixed (7-11yrs)	17.4% 3.8% 3.6% 6.1%	44021 9723 9244 15587	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	100% 100% 100% 100%	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00					
<pre>kugpy League Adult Nden (19-45yrs) Rugby League Adult Ndener (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Junior Girls (12-18yrs) Rugby League Primary Mixed (7-11yrs) Hockey Senior Men (16-55yrs)</pre>	17.4% 3.8% 3.6% 6.1% 27.2%	44021 9723 9244 15587 68916	0.00 0.00 0.00 0.00 5.75	0.00 0.00 0.00 0.00 5.75	0.00 0.00 0.00 0.00 0.00 2.88	100% 100% 100% 100%	0.00 0.00 0.00 0.00 2.88	0.00 0.00 0.00 0.00 2.88	775,000	1,672,468	43,484	8,362	51,84
Nugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Primary Mixed (7-11yrs) Hockey Senior Men (16-55yrs) Hockey Senior Women (16-55yrs)	17.4% 3.8% 3.6% 6.1% 27.2% 26.3%	44021 9723 9244 15587 68916 66697	0.00 0.00 0.00 5.75 4.60	0.00 0.00 0.00 5.75 4.60	0.00 0.00 0.00 0.00 2.88 2.30	100% 100% 100% 100% 100%	0.00 0.00 0.00 0.00 2.88 2.30	0.00 0.00 0.00 2.88 2.30	775,000	1,672,468	43,484	8,362	51,84
Nugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Junior Girls (12-18yrs) Rugby League Primary Mixed (7-11yrs) Hockey Senior Men (16-55yrs) Hockey Junior Boys (11-15yrs)	17.4% 3.8% 3.6% 6.1% 27.2% 26.3% 2.8%	44021 9723 9244 15587 68916 66697 7055	0.00 0.00 0.00 5.75 4.60 2.88	0.00 0.00 0.00 5.75 4.60 2.88	0.00 0.00 0.00 2.88 2.30 1.44	100% 100% 100% 100% 100% 100%	0.00 0.00 0.00 2.88 2.30 1.44	0.00 0.00 0.00 2.88 2.30 1.44	775,000	1,672,468	43,484	8,362	51,84

The resultant number of pitches set out in Part Four of the table above assumes that 100% of demand for play is at the same time, therefore the pitch number equates to the match equivalent figures for football, rugby union and rugby league. However, these figures can be adjusted to reflect differing levels of demand for pitch supply during the peak period (the period when there are most matches). Scenario B below reflects the position for mens football where around 60% of demand occurs on Sunday morning and around 40% on Saturday afternoon.

Scenario B

Calculator Pitch Requirements to 2026: Whole Borough, 60% Demand in Peak Period Adult Mens Football, 100% Demand in Peak Period for All Others

Playing Pitch New Development Calculator	Version:				
<u>Note</u> : For the calculator to w ork it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	y assessment work to be entered - <u>see</u> .				
PART ONE: Local Authority and population details					
1. Select the local authority from the list.	Swindon				
2. Enter the total population of the local authority.	220,245				
3. Enter the new population to estimate the demand for.	253,490				
PART TWO: Estimated demand in match equivalent sessions during the veekly peak per	riod (across a season for Cricket)				
Adult football =	26.82				
Youth" =	60.42				
Mini Soccer* =	42.58				
Rugby Union =	8.78				
Rugby League =	1.15				
Hockey =	8.63				
Cricket =	356.79				
PART THREE: The most appropriate vay to meet the estimated demand					
1. Look at the location of the new population alongside the results of the playing pitch strategy assocsment work					
 Look at the location of the new population alongsite the results of the plaging pitch strategy assessment work. The desired due to the new population alongsite the results of the plaging pitch strategy assessment work. 					
 This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governm Community Infrastructure Levy (CIL) and the use of planning obligations. 	he higher use; or greater community use of existing sites; ent's regulations, policy and guidance regarding the				
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England has a rule and Framming Congetton's Advice Note ravanable on request from your relevant oport England planningforshort@shortengland.org	manning manager or og ennan av				
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	uring the weekly peak period (across				
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rug An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	: If this is the case then an indication of the number by and cricket and new artificial grass pitches for ical work should be undertaken to determine more				
Total =	150.50	pitches at a capital cost of	£12,482,991	and a total life cycle cost (per	£2,311,146
Adult Football	26.82	nitches at a canital cost of	\$2 279 448	and a total life cucle cost (per	F480.963
Xouth Football =	60.42	pitches at a capital cost of	\$4 229 725	and a total life cucle cost (per	\$888.242
Mini Soccer =	42.58	pitches at a canital cost of	£851,700	and a total life cucle cost (per	£178.857
Budby Union	8.78	pitches at a capital cost of	£1,009,235	and a total life cucle cost (per	£215.976
Ruabu League =	1.15	pitches at a capital cost of	£120,849	and a total life cycle cost (per	£26,708
Hockey =	2.16	pitches at a capital cost of	£1,672,468	and a total life cycle cost (per	£51,846
Cricket =	8.59	pitches at a capital cost of	£2,319,566	and a total life cycle cost (per	£468,552
Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant ac	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8-8	yrs). Figures for the individual a	ge groups are avai	ilable in the Workings Sheet (Column O	for Part 2 and
Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Columi Source of costs: Capital Cost - Sport England Facilities Costs Second Quarter 2017	n T].				
Lifecucle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cucle Costs Natural Turf Pitches an	nd Artificial Surfaces documents (April 2012)				

	Q1. How man from the new p fall within the pitch sport ap	ny people population individual ge groups?	Q2. How r may be gene new pop	nany teams erated by the pulation?	Q3. How many r during the relev demanded by	natch equ vant peak v the new (ivalent sessions period may be population?	Q4. What do the match equivalent sessions equate to in terms of new pitch provision?	Q5. Ho cost to p pitc	w much may it provide the new h provision?	Q6. What of t	at might the li the new provi	fecycle costs sion be?
Sporting Age Groups	% of total population in the area	No. of people within the new populatio n	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demand in number of pitches required to meet additional demand during weekly peak period (during the year for	Pitch Capital Cost (Q2 2017)	Estimated capital cost for no. of pitches generated by the new population	Pitch sinking fund cost (annual)	Pitch maintenanc e cost (annual)	Life cycle costs for no of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	19.6%	49777	81.72	81.72	40.86	60%	24.52	24.52	85,000	2,279,448	100,296	380,668	480,963
Football Adult Women 11v11 (16-45yrs)	19.0%	48078	4.60	4.60	2.30	100%	2.30	2.30					
Football Youth Boys11v11 (12-15yrs)	2.2%	5598	70.21	70.21	35.10	100%	35.10	35.10	70,000	4,229,725	169,189	719,053	888,24
Football Youth Girls 11v11 (12-15yrs)	2.0%	5188	5.75	5.75	2.88	100%	2.88	2.88					
Football Youth Boys 9v9 (10-11yrs)	1.2%	3088	43.74	43.74	21.87	100%	21.87	21.87					
Football Youth Girls 9v9 (10-11yrs)	1.1%	2793	1.15	1.15	0.58	100%	0.58	0.58					
Football Mini Soccer Mixed 7v7 (8-9yrs)	2.6%	6483	49.49	49.49	24.75	100%	24.75	24.75	20,000	851,700	34,068	144,789	178,85
Football Mini Soccer Mixed 5v5 (6-7yrs)	2.6%	6560	35.68	35.68	17.84	100%	17.84	17.84					
Cricket Open Age Mens (18-55yrs)	26.1%	66149	31.08	31.08	310.76	N/a	310.76	7.77	270,000	2,319,566	113,659	354,894	468,552
Cricket Open Age Womens (18-55yrs)	25.2%	63981	0.00	0.00	0.00	N/a	0.00	0.00					
Cricket Junior Boys (7-18yrs)	7.0%	17829	5.75	5.75	46.04	N/a	46.04	0.82					
Cricket Junior Girls (7-18yrs)	6.6%	16723	0.00	0.00	0.00	N/a	0.00	0.00					
Rugby Union Senior Men (19-45yrs)	18.0%	45653	6.91	6.91	3.45	100%	3.45	3.45	115,000	1,009,235	47,434	168,542	215,976
Rugby Union Senior Women (19-45yrs)	17.4%	44021	1.15	1.15	0.58	100%	0.58	0.58					
Rugby Union Youth Boys (13-18yrs)	3.3%	8319	4.60	4.60	2.30	100%	2.30	2.30					
Rugby Union Youth Girls (13-18yrs)	3.1%	7932	2.30	2.30	1.15	100%	1.15	1.15					
		40045	40.00	10.00	E 40	100%	1 20	1.29					
Rugby Union Mini/Midi Mixed (7-12yrs)	7.2%	18315	10.36	10.36	5.18	20070	1.25						
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs)	7.2%	45653	2.30	2.30	1.15	100%	1.15	1.15	105,000	120,849	5,559	21,149	26,70
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs)	7.2% 18.0% 17.4%	45653 44021	2.30	2.30	1.15	100%	1.15	1.15	105,000	120,849	5,559	21,149	26,70
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs)	7.2% 18.0% 17.4% 3.8%	45653 44021 9723	2.30 0.00 0.00	2.30 0.00 0.00	5.18 1.15 0.00 0.00	100% 100% 100%	1.25 1.15 0.00 0.00	1.15 0.00 0.00	105,000	120,849	5,559	21,149	26,70
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Vouth & Junior Boys (12-18yrs) Rugby League Junior Girls (12-18yrs)	7.2% 18.0% 17.4% 3.8% 3.6%	45653 44021 9723 9244	2.30 0.00 0.00 0.00	2.30 0.00 0.00 0.00	5.18 1.15 0.00 0.00	100% 100% 100% 100%	1.15 1.15 0.00 0.00 0.00	1.15 0.00 0.00 0.00	105,000	120,849	5,559	21,149	26,70
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Junior Girls (12-18yrs) Rugby League Primary Mixed (7-11yrs)	7.2% 18.0% 17.4% 3.8% 3.6% 6.1%	18315 45653 44021 9723 9244 15587	0.00 0.00 0.00 0.00	2.30 0.00 0.00 0.00 0.00	5.18 1.15 0.00 0.00 0.00 0.00	100% 100% 100% 100%	1.15 1.15 0.00 0.00 0.00 0.00	1.15 0.00 0.00 0.00 0.00	105,000	120,849	5,559	21,149	26,70
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs) Rugby League Adult Womn (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Junior Girls (12-18yrs) Rugby League Junior Girls (12-18yrs) Rugby League Primary Mixed (7-11yrs) Hockey Senior Man (16-55yrs)	7.2% 18.0% 17.4% 3.8% 3.6% 6.1% 27.2%	18315 45653 44021 9723 9244 15587 68916	10.36 2.30 0.00 0.00 0.00 0.00 5.75	2.30 0.00 0.00 0.00 0.00 0.00 5.75	5.18 1.15 0.00 0.00 0.00 0.00 0.00 0.00	100% 100% 100% 100% 100%	1.15 1.15 0.00 0.00 0.00 0.00 2.88	1.15 0.00 0.00 0.00 0.00 2.88	105,000	120,849	5,559	21,149	26,70
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Primary Mixed (7-11yrs) Hockey Senior Men (16-55yrs) Hockey Senior Women (16-55yrs)	7.2% 18.0% 17.4% 3.8% 3.6% 6.1% 27.2% 26.3%	18315 45653 44021 9723 9244 15587 68916 66697	10.36 2.30 0.00 0.00 0.00 0.00 5.75 4.60	2.30 0.00 0.00 0.00 0.00 5.75 4.60	5.18 1.15 0.00 0.00 0.00 0.00 0.00 2.88 2.30	100% 100% 100% 100% 100% 100% 100%	1.15 0.00 0.00 0.00 0.00 2.88 2.30	1.15 0.00 0.00 0.00 0.00 2.88 2.30	105,000	120,849 1,672,468	5,559	21,149 8,362	26,70
Rugby Union Mini/Midi Mixed (7-12yrs) Rugby League Adult Men (19-45yrs) Rugby League Adult Women (19-45yrs) Rugby League Youth & Junior Boys (12-18yrs) Rugby League Junior Girls (12-18yrs) Rugby League Primary Mixed (7-11yrs) Hockey Senior Momen (16-55yrs) Hockey Junior Boys (11-15yrs)	7.2% 18.0% 17.4% 3.8% 3.6% 6.1% 27.2% 26.3% 2.8%	18315 45653 44021 9723 9244 15587 68916 66697 7055	10.36 2.30 0.00 0.00 0.00 0.00 5.75 4.60 2.88	2.30 0.00 0.00 0.00 0.00 5.75 4.60 2.88	5.48 1.15 0.000 0.00 0.00 0.00 2.88 2.30 1.44	100% 100% 100% 100% 100% 100% 100%	1.15 0.00 0.00 0.00 2.88 2.30 1.44	1.15 0.00 0.00 0.00 2.88 2.30 1.44	105,000	120,849	5,559	21,149 8,362	26,708 51,846

Altering demand from 100% at one time period for mens football reduces the number of grass pitches required for adult football to 26.82. However, the projected demand for future teams has been approximated and so the reduced pitch number should be viewed as a "bottom of the range" calculation, with the 100% demand figure representing a "top of the range" figure.

Urban Extension Scenarios

Scenarios have been run using the calculator, which explore potential requirements arising directly from the urban extensions. These have been run for both development completed to the end of the plan period (i.e. 2026) and also against total numbers of dwellings for the extensions, some of which are projected to complete post 2026. A household ratio of 3.5 people per dwelling has been used. This is the figure used in Swindon Borough Council's developer contribution calculator.

Scenario C

Calculator Pitch Requirements to 2026: Tadpole Urban Extension (1,841 dwellings / 6,444 persons), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to work it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	j assessment work to be entered - <u>see.</u>			
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
2. Enter the total population of the local authority.	220,245			
3. Enter the new population to estimate the demand for.	6,444			
PART TWD: Estimated demand in match equivalent sessions during the veekly peak per	riod (across a season for Cricket)			
Adult Football =	1.10			
Youth" =	1.54			
Mini Soccer = Dueta Union	1.08			
Rugby Onion = Rugby League -	0.22			
Hogoy League - Hockey -	0.03			
Cricket =	9.07			
PART THREE: The most appropriate way to meet the estimated demand				
1. Look at the location of the new nonulation alongside the results of the playing pitch strategy assessment work				
 2. Understand the nature of plauing nitch sites within an appropriate catchment of the new population and issues in the 	263			
 This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the b. Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governm Community Infrastructure Levy (CIL) and the use of planning obligations. 	area. he higher use; or greater community use of existing sites; ent's regulations, policy and guidance regarding the			
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England has a Cit, and mainling congations Advice hote available on request from your relevant Sport England planningforsport@sportengland.org	manning Manager Or by ennañ av			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	uring the weekly peak period (across			
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rug An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	: If this is the case then an indication of the number by and cricket and new artificial grass pitches for ical work should be undertaken to determine more			
Total =	4.24	pitches at a capital cost of £352,646	and a total life cycle cost (per	£66,203
Adult Exathall -	110	nitches at a capital cost of \$92.201	and a total life cycle cost (por	\$19,679
Youth Football	1.54	pitches at a capital cost of £107.524	and a total life cucle cost (per and a total life cucle cost (per	£22,580
Mini Soccer =	1.08	pitches at a capital cost of £21,651	and a total life cycle cost (per	£4,547
Rugby Union =	0.22	pitches at a capital cost of £25,656	and a total life cycle cost (per	£5,490
Rugby League	0.03	pitches at a capital cost of £3,072	and a total life cycle cost (per	£679
Hockey =	0.05	pitches at a capital cost of \$59,966	and a total life cycle cost (per and a total life cycle cost (per	£1,318 £11 911
• Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for thereto and a compare the same for all are ground within the same categories (see Workings Sheet) columnes.	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8-8	a yrs). Figures for the individual age groups are a	vailable in the Workings Sheet (Column O	for Part 2 and
Source of costs: Capital Cost - Sport England Facilities Costs Second Quarter 2017				

Playing Pitch New Development Calculator - Workings Version: January Q4. What do the Q1. How many people Q2. How many teams Q3. How many match equivalent sessions Q5. How much may it match equivalent from the new population Q6. What might the lifecycle costs may be generated by the during the relevant peak period may be sessions equate to cost to provide the new fall within the individual of the new provision be? new population? demanded by the new population? in terms of new pitch provision? pitch sport age groups? pitch provision? No. of teams Estimated demand No. of % of Match equivalent Estimated Life cycle No. of generated Estimated demand in number of Pitch Pitch people match sessions during anital cost for Pitch costs for no % of total Capital sinking teams by new for home matches pitches required to within the play weekly peak no. of pitches naintenan of pitches Sporting Age Groups population in generated population per week meet additional fund Cost new during period (during generated by e cost generated by (02 the area by the new with change - per year for demand during cost populatio the year for (annual) the peak the new new Cricket 2017) population in demand weekly peak period annual) period Cricket) population population n factored in (during the year for Football Adult Men 11v11 (16-45yrs) 19.6% 1265 2.08 2.08 1.04 100% 1.04 1.04 85,000 93,261 4,103 15,575 19,678 Football Adult Women 11v11 (16-45yrs) 19.0% 1222 0.12 0.12 0.06 100% 0.06 0.06 Football Youth Boys11v11 (12-15yrs) 2.2% 1.78 1.78 100% 0.89 0.89 70,000 107,524 4,301 18,279 22,580 142 0.89 132 0.07 0.07 Football Youth Girls 11v11 (12-15yrs) 2.0% 0.15 0.15 0.07 100% Football Youth Boys 9v9 (10-11yrs) 1.2% 79 1.11 1.11 0.56 100% 0.56 0.56 Football Youth Girls 9v9 (10-11yrs) 1.1% 71 0.03 0.03 0.01 100% 0.01 0.01 20,000 21,651 4,547 Football Mini Soccer Mixed 7v7 (8-9yrs) 2.6% 165 1.26 1.26 0.63 100% 0.63 0.63 866 3,681 2 6% 167 0.45 100% 0.45 0.45 Football Mini Soccer Mixed 5v5 (6-7yrs) 0.91 0.91 Cricket Open Age Mens (18-55yrs) 26.1% 1682 0.79 0.79 7.90 N/a 7.90 0.20 270.000 58.966 2.889 9.022 11.911 Cricket Open Age Womens (18-55yrs) 25.2% 1626 0.00 0.00 0.00 N/a 0.00 0.00 Cricket Junior Boys (7-18yrs) 453 0.15 1.17 0.02 7 0% 0.15 1 17 N/a 0.00 0.00 Cricket Junior Girls (7-18yrs) 6.6% 425 0.00 0.00 0.00 N/a 115,000 0.18 0.09 0.09 25,656 1,206 4,285 5.490 Rugby Union Senior Men (19-45yrs) 18.0% 1161 0.18 0.09 100% Rugby Union Senior Women (19-45yrs) 17.4% 0.03 0.01 0.01 1119 0.03 0.01 100% 0.06 0.06 Rugby Union Youth Boys (13-18yrs) 3.3% 211 0.12 0.12 0.06 100% Rugby Union Youth Girls (13-18yrs) 3.1% 202 0.06 0.06 100% 0.03 0.03 0.03 Rugby Union Mini/Midi Mixed (7-12yrs) 7.2% 466 0.26 0.26 0.13 100% 0.03 0.03 Rugby League Adult Men (19-45yrs) 18.0% 1161 0.06 0.06 0.03 100% 0.03 0.03 105,000 3,072 141 538 679 Rugby League Adult Women (19-45yrs) 17.4% 1119 0.00 0.00 0.00 100% 0.00 0.00 0.00 0.00 0.00 247 0.00 Rugby League Youth & Junior Boys (12-18yrs) 3.8% 0.00 100% Rugby League Junior Girls (12-18yrs) 3.6% 235 0.00 0.00 0.00 100% 0.00 0.00 0.00 0.00 0.00 Rugby League Primary Mixed (7-11yrs) 6.1% 396 0.00 0.00 100% Hockey Senior Men (16-55yrs) 27.2% 1752 0.15 0.15 0.07 0.07 775,000 42,516 1,105 213 1,318 0.07 100% Hockey Senior Women (16-55yrs) 26.3% 1696 0.12 0.12 0.06 100% 0.06 0.06 Hockey Junior Boys (11-15yrs) 2.8% 179 0.07 0.07 0.04 100% 0.04 0.04 0.10 0.05 0.05 Hockey Junior Girls (11-15yrs) 2.6% 166 0.10 100% 0.05

13.26

Total

4.24

Total

Capital costs source: SE Facilities Costs Second Quarter 2017. Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

14,612

51,591

66,203

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

352,646

Scenario Di

Calculator Pitch Requirements to 2026: Wichelstowe Urban Extension (2,271 dwellings / 7,949 persons), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to work it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	assessment work to be entered - <u>see</u>			
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
2. Enter the total population of the local authority.	220,245			
3. Enter the new population to estimate the demand for.	7,949			
PART TWO: Estimated demand in match equivalent sessions during the weekly peak per	iod (across a season for Cricket)			
Adult football =	1.35			
Youth" =	1.89			
Mini Soccer" =	1.34			
Rugby Union =	0.28			
Rugby League =	0.04			
Hockey = Crister	0.27			
Unicket =	11.19			
PART THREE: The most appropriate way to meet the estimated demand				
 Look at the location of the new population alongside the results of the playing pitch strategy assessment work. Understand the nature of playing pitch sites within an appropriate catchment of the new population and issues in the a This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain th Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new o Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governme Community Infrastructure Levy (CIL) and the use of planning obligations. 	rrea. e higher use; r greater community use of existing sites; ent's regulations, policy and guidance regarding the			
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England ras all Cit and Franking Obligations Advice hotel available on request non-godi relevant sport England planningforshort@sportengland.org	manning islanager or og ernan av			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand du	uring the weekly peak period (across			2
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches, of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rugt An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate loc accurate costings.	If this is the case then an indication of the number by and cricket and new artificial grass pitches for cal work should be undertaken to determine more			
Total =	5.23	pitches at a capital cost of £435,007	and a total life cycle cost (per	£81,665
Adult Football = Youth Football = Mini Soccer = Rugby Union = Rugby League = Hockey = Cricket =	1.35 1.89 1.34 0.28 0.04 0.07 0.27	pitches at a capital cost of £115,042 pitches at a capital cost of £132,637 pitches at a capital cost of £26,708 pitches at a capital cost of £31,648 pitches at a capital cost of £3,790 pitches at a capital cost of £52,446 pitches at a capital cost of £72,738	and a total life cycle cost (per and a total life cycle cost (per	£24,274 £27,854 £5,609 £6,773 £838 £1,626 £14,693
*. Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant ag Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Column	e groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8- T).	9 yrs). Figures for the individual age groups are av	ailable in the Workings Sheet (Column O	for Part 2 and

Source of costs: Capital Cost - Sport England Facilities Costs Second Quarter 2017 Lifecucle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cucle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

Playing Pitch New Development Calculator - Workings Version: January Q4. What do the Q1. How many people Q2. How many teams Q3. How many match equivalent sessions Q5. How much may it match equivalent from the new population Q6. What might the lifecycle costs may be generated by the during the relevant peak period may be sessions equate to cost to provide the new fall within the individual of the new provision be? new population? demanded by the new population? in terms of new pitch provision? pitch sport age groups? pitch provision? No. of teams Estimated demand No. of % of Match equivalent Estimated Life cycle No. of generated Estimated demand in number of Pitch Pitch people match sessions during anital cost for Pitch costs for no % of total Capital sinking teams by new for home matches pitches required to within the play weekly peak no. of pitches naintenano of pitches Sporting Age Groups population in generated population per week meet additional fund Cost new during period (during generated by e cost generated by (02 the area by the new with change - per year for demand during cost populatio the year for (annual) the peak the new new in demand Cricket 2017) population weekly peak period annual) period Cricket) population population n factored in (during the year for Football Adult Men 11v11 (16-45yrs) 19.6% 1561 2.56 2.56 1.28 100% 1.28 1.28 85,000 115,042 5,062 19,212 24,274 Football Adult Women 11v11 (16-45yrs) 19.0% 1508 0.14 0.14 0.07 100% 0.07 0.07 Football Youth Boys11v11 (12-15yrs) 2.2% 176 2.20 2.20 100% 1.10 1.10 70,000 132,637 5,305 22,548 27,854 1.10 Football Youth Girls 11v11 (12-15yrs) 2.0% 163 0.18 0.09 0.09 0.09 0.18 100% 0.69 Football Youth Boys 9v9 (10-11yrs) 1.2% 97 1.37 1.37 0.69 100% 0.69 Football Youth Girls 9v9 (10-11yrs) 1.1% 88 0.04 0.04 0.02 100% 0.02 0.02 203 0.78 0.78 20,000 26,708 1,068 4,540 5,609 Football Mini Soccer Mixed 7v7 (8-9yrs) 2.6% 1.55 1.55 0.78 100% 2 6% 206 1.12 0.56 100% 0.56 0.56 Football Mini Soccer Mixed 5v5 (6-7yrs) 1 12 Cricket Open Age Mens (18-55vrs) 26.1% 2074 0.97 0.97 9.74 N/a 9.74 0.24 270.000 72.738 3.564 11.129 14.693 Cricket Open Age Womens (18-55yrs) 25.2% 2006 0.00 0.00 0.00 N/a 0.00 0.00 Cricket Junior Boys (7-18yrs) 0.18 1.44 0.03 7 0% 559 0.18 1.44 N/a 0.00 0.00 Cricket Junior Girls (7-18yrs) 6.6% 524 0.00 0.00 0.00 N/a 0.11 0.11 115,000 6,773 0.22 100% 31,648 1,487 5,285 Rugby Union Senior Men (19-45yrs) 18.0% 1432 0.22 0.11 Rugby Union Senior Women (19-45yrs) 17.4% 0.04 0.02 0.02 1380 0.04 0.02 100% 0.07 0.14 0.07 Rugby Union Youth Boys (13-18yrs) 3.3% 261 0.14 0.07 100% Rugby Union Youth Girls (13-18yrs) 3.1% 249 0.07 0.07 100% 0.04 0.04 0.04 Rugby Union Mini/Midi Mixed (7-12yrs) 7.2% 574 0.32 0.32 0.16 100% 0.04 0.04 Rugby League Adult Men (19-45yrs) 105,000 18.0% 1432 0.07 0.07 0.04 100% 0.04 0.04 3,790 174 663 838 Rugby League Adult Women (19-45yrs) 17.4% 1380 0.00 0.00 0.00 100% 0.00 0.00 305 0.00 0.00 0.00 0.00 3.8% 0.00 Rugby League Youth & Junior Boys (12-18yrs) 100% Rugby League Junior Girls (12-18yrs) 3.6% 290 0.00 0.00 0.00 100% 0.00 0.00 Rugby League Primary Mixed (7-11yrs) 489 0.00 0.00 0.00 6.1% 0.00 0.00 100% Hockey Senior Men (16-55yrs) 27.2% 2161 0.18 0.18 100% 0.09 0.09 775,000 52,446 1,364 262 1,626 0.09 Hockey Senior Women (16-55yrs) 26.3% 2092 0.14 0.14 0.07 100% 0.07 0.07 Hockey Junior Boys (11-15yrs) 2.8% 221 0.09 0.09 0.05 100% 0.05 0.05 0.13 2.6% 205 0.13 0.06 Hockey Junior Girls (11-15yrs) 0.06 100% 0.06

16.35

Total

5.23

Total

18,025 Capital costs source: SE Facilities Costs Second Quarter 2017 Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

63,640

81,665

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

435,007

Scenario Dii

Calculator Pitch Requirements to Completion: Wichelstowe Urban Extension (4,064 dwellings / 14,224 persons), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to w ork it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	j assessment work to be entered - <u>see</u>			
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
2. Enter the total population of the local authority.	220,245			
3. Enter the new population to estimate the demand for.	14,224			
PART TWO: Estimated demand in match equivalent sessions during the weekly peak per	iod (across a season for Cricket)			
Adult football =	2.42			
Youth" =	3.39			
Mini Soccer* =	2.39			
Rugby Union =	0.49			
Rugby League =	0.06			
Hockey =	0.48			
Cricket =	20.02			
PART THREE: The most appropriate w ay to meet the estimated demand				
1. Look at the location of the new population alongside the results of the plauing pitch strategy assessment work.				
2. Understand the nature of playing pitch sites within an appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population and issues in the appropriate catchment of the new population appropriate catchment of the new	area			
 This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governme Community Infrastructure Levy (CIL) and the use of planning obligations. 	ne higher use; or greater community use of existing sites; ent's regulations, policy and guidance regarding the			
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England has a Git and Hamming Obligations Advice Note available on request non-good relevant sport England planningforshort@shortengland.org	manning manager or og ennan av			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	uring the weekly peak period (across			
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rugl An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	. If this is the case then an indication of the number by and cricket and new artificial grass pitches for cal work should be undertaken to determine more			
Total -	9.36	nitches at a capital cost of \$779.405	and a total life cucle cost (per	£146 132
Total =	0.00	prones at a capital cost of 2110,400	and a total fire cycle cost (per	2140,132
Adult Football =	2.42	pitches at a capital cost of £205,857	and a total life cycle cost (per	£43,436
Youth Football =	3.39	pitches at a capital cost of £237,341	and a total life cycle cost (per	£49,842
Mini Soccer =	2.39	pitches at a capital cost of £47,791	and a total life cycle cost (per	£10,036
_ Rugby Union =	0.49	pitches at a capital cost of £56,631	and a total life cycle cost (per	£12,119
Rugby League =	0.06	pitches at a capital cost of £6,781	and a total life cycle cost (per	£1,499
Hockey = Cristat -	0.12	pitches at a capital cost of \$120.157	and a total life cucle cost (per and a total life cucle cost (per	\$26,303
• Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant ac	e groups (Youth 10-11 and 12-15urs, Mini Soccer 6-7 and 8-	9 urs). Figures for the individual age groups are ava	ilable in the Workings Sheet (Column O	for Part 2 and
Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Column) T).	,,		
Source of costs: Capital Cost - Sport England Eacilities Costs Second Quarter 2017				

Playing Pitch New Developm	ent Calcula	ator - Wo	rkings									Version	: January
	Q1. How ma from the new fall within the pitch sport a	ny people population individual ge groups?	Q2. How may be gen new po	many teams erated by the pulation?	Q3. How many during the rele demanded b	match equ vant peak y the new	ivalent sessions period may be population?	Q4. What do the match equivalent sessions equate to in terms of new pitch provision?	Q5. Ho cost to p pitc	w much may it provide the new h provision?	Q6. Whi of t	at might the li the new provi	fecycle costs sion be?
Sporting Age Groups	% of total population in the area	No. of people within the new populatio n	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demand in number of pitches required to meet additional demand during weekly peak period (during the year for	Pitch Capital Cost (Q2 2017)	Estimated capital cost for no. of pitches generated by the new population	Pitch sinking fund cost (annual)	Pitch maintenanc e cost (annual)	Life cycle costs for no. of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	19.6%	2793	4.59	4.59	2.29	100%	2.29	2.29	85,000	205,857	9,058	34,378	43,436
Football Adult Women 11v11 (16-45yrs)	19.0%	2698	0.26	0.26	0.13	100%	0.13	0.13					
Football Youth Boys11v11 (12-15yrs)	2.2%	314	3.94	3.94	1.97	100%	1.97	1.97	70,000	237,341	9,494	40,348	49,842
Football Youth Girls 11v11 (12-15yrs)	2.0%	291	0.32	0.32	0.16	100%	0.16	0.16					
Football Youth Boys 9v9 (10-11yrs)	1.2%	173	2.45	2.45	1.23	100%	1.23	1.23					
Football Youth Girls 9v9 (10-11yrs)	1.1%	5 157	0.06	0.06	0.03	100%	0.03	0.03					
Football Mini Soccer Mixed 7v7 (8-9yrs)	2.6%	364	2.78	2.78	1.39	100%	1.39	1.39	20,000	47,791	1,912	8,124	10,036
Football Mini Soccer Mixed 5v5 (6-7yrs)	2.6%	368	2.00	2.00	1.00	100%	1.00	1.00					
Cricket Open Age Mens (18-55yrs)	26.1%	3712	1.74	1.74	17.44	N/a	17.44	0.44	270,000	130,157	6,378	19,914	26,292
Cricket Open Age Womens (18-55yrs)	25.2%	3590	0.00	0.00	0.00) N/a	0.00	0.00					
Cricket Junior Boys (7-18yrs)	7.0%	1000	0.32	0.32	2.58	N/a	2.58	0.05					
Cricket Junior Girls (7-18yrs)	6.6%	938	0.00	0.00	0.00) N/a	0.00	0.00					
Rugby Union Senior Men (19-45yrs)	18.0%	2562	0.39	0.39	0.19	100%	0.19	0.19	115,000	56,631	2,662	9,457	12,119
Rugby Union Senior Women (19-45yrs)	17.4%	2470	0.06	0.06	0.03	100%	0.03	0.03					
Rugby Union Youth Boys (13-18yrs)	3.3%	467	0.26	0.26	0.13	100%	0.13	0.13					
Rugby Union Youth Girls (13-18yrs)	3.1%	445	0.13	0.13	0.06	100%	0.06	0.06					
Rugby Union Mini/Midi Mixed (7-12yrs)	7.2%	1028	0.58	0.58	0.29	100%	0.07	0.07					
Rugby League Adult Men (19-45yrs)	18.0%	2562	0.13	0.13	0.06	100%	0.06	0.06	105,000	6,781	312	1,187	1,499
Rugby League Adult Women (19-45yrs)	17.4%	2470	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Youth & Junior Boys (12-18yrs)	3.8%	546	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Junior Girls (12-18yrs)	3.6%	519	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Primary Mixed (7-11yrs)	6.1%	875	0.00	0.00	0.00	100%	0.00	0.00					
Hockey Senior Men (16-55yrs)	27.2%	3867	0.32	0.32	0.16	100%	0.16	0.16	775,000	93,847	2,440	469	2,909
Hockey Senior Women (16-55yrs)	26.3%	3743	0.26	0.26	0.13	100%	0.13	0.13					
Hockey Junior Boys (11-15yrs)	2.8%	396	0.16	0.16	0.08	100%	0.08	0.08					
Hockey Junior Girls (11-15yrs)	2.6%	367	0.23	0.23	0.11	100%	0.11	0.11					
						Total	29.26	9.36	Total	778,405	32,254	113,878	146,132

Capital costs source: SE Facilities Costs Second Quarter 2017 Lifecycle Costs - Based on a % of the total project cost per annum as Artificial Surfaces documents (April 2012)

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

Version: January

Scenario Ei

Calculator Pitch Requirements to 2026: Kingsdown Urban Extension (1,500 dwellings / 5,250 persons), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to work it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	y assessment work to be entered - <u>see.</u>			
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
2. Enter the total population of the local authority.	220,245			
	E 050			
3. Enter the new population to estimate the demand for.	5,250			
PART TWO: Estimated demand in match equivalent sessions during the weekly peak per	riod (across a season for Cricket)			
Adult football =	0.89			
Youth" =	1.25			
Mini Soccer" =	0.88			
Rugby Union	0.18			
Hugby League =	0.02			
Hockey =	7.29			
Choket =	7.35			
PART THREE: The most appropriate way to meet the estimated demand				
1. Look at the location of the new population alongside the results of the playing pitch strategy assessment work.				
2. Understand the nature of plauing pitch sites within an appropriate catchment of the new population and issues in the	area.			
 This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the b. Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governm Community Infrastructure Levy (CIL) and the use of planning obligations. 	he higher use; or greater community use of existing sites; ent's regulations, policy and guidance regarding the			
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England has a Cat and Framming Congations Advice Note ravanable on request non-good relevant opport England planningforshort@sportengland.org	maining Manager Or Og ernan at			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	uring the weekly peak period (across			
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rug An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	: If this is the case then an indication of the number by and cricket and new artificial grass pitches for Ical work should be undertaken to determine more			
Total =	3.46 p	itches at a capital cost of £287,305	and a total life cycle cost (per	£53,937
Adult Excelsal -	0.89	itches at a capital cost of \$75.991	and a total life cucle cost (por	£16.032
Youth Football	1.25	itches at a capital cost of £87.601	and a total life cucle cost (per	£18,396
Mini Soccer =	0.88 p	itches at a capital cost of £17,639	and a total life cycle cost (per	£3,704
Rugby Union =	0.18 p	itches at a capital cost of £20,902	and a total life cycle cost (per	£4,473
Rugby League =	0.02 p	itches at a capital cost of £2,503	and a total life cycle cost (per	£553
Hockey = Cristet =	0.19	itches at a capital cost of £34,638	and a total life cycle cost (per and a total life cycle cost (per	£1,074 £9,704
•. Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant as Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Column Surger of costscos	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8-9 ; n T).	yrs). Figures for the individual age groups are ava	ilable in the Workings Sheet (Column O	for Part 2 and
Source or costs: Lapital Lost - Sport England Pacilities Costs Second Wuarter 2011				,

Playing Pitch New Development Calculator - Workings

Version: January

	Q1. How ma from the new fall within the pitch sport ag	ny people population individual ge groups?	Q2. How may be gen new po	many teams erated by the pulation?	Q3. How many r during the rele demanded by	natch equ vant peak y the new	ivalent sessions period may be population?	Q4. What do the match equivalent sessions equate to in terms of new pitch provision?	Q5. Ho cost to p pitc	w much may it provide the new h provision?	Q6. Whi of t	at might the li the new provi	fecycle costs sion be?
Sporting Age Groups	% of total population in the area	No. of people within the new populatio n	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demand in number of pitches required to meet additional demand during weekly peak period (during the year for	Pitch Capital Cost (Q2 2017)	Estimated capital cost for no. of pitches generated by the new population	Pitch sinking fund cost (annual)	Pitch maintenanc e cost (annual)	Life cycle costs for no. of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	19.6%	1031	1.69	1.69	0.85	100%	0.85	0.85	85,000	75,981	3,343	12,689	16,032
Football Adult Women 11v11 (16-45yrs)	19.0%	996	0.10	0.10	0.05	100%	0.05	0.05					
Football Youth Boys11v11 (12-15yrs)	2.2%	116	1.45	1.45	0.73	100%	0.73	0.73	70,000	87,601	3,504	14,892	18,396
Football Youth Girls 11v11 (12-15yrs)	2.0%	107	0.12	0.12	0.06	100%	0.06	0.06					
Football Youth Boys 9v9 (10-11yrs)	1.2%	64	0.91	0.91	0.45	100%	0.45	0.45					
Football Youth Girls 9v9 (10-11yrs)	1.1%	58	0.02	0.02	0.01	100%	0.01	0.01					
Football Mini Soccer Mixed 7v7 (8-9yrs)	2.6%	134	1.02	1.02	0.51	100%	0.51	0.51	20,000	17,639	706	2,999	3,704
Football Mini Soccer Mixed 5v5 (6-7yrs)	2.6%	136	0.74	0.74	0.37	100%	0.37	0.37					
Cricket Open Age Mens (18-55yrs)	26.1%	1370	0.64	0.64	6.44	N/a	6.44	0.16	270,000	48,040	2,354	7,350	9,704
Cricket Open Age Womens (18-55yrs)	25.2%	1325	0.00	0.00	0.00	N/a	0.00	0.00					
Cricket Junior Boys (7-18yrs)	7.0%	369	0.12	0.12	0.95	N/a	0.95	0.02					
Cricket Junior Girls (7-18yrs)	6.6%	346	0.00	0.00	0.00	N/a	0.00	0.00					
Rugby Union Senior Men (19-45yrs)	18.0%	946	0.14	0.14	0.07	100%	0.07	0.07	115,000	20,902	982	3,491	4,473
Rugby Union Senior Women (19-45yrs)	17.4%	912	0.02	0.02	0.01	100%	0.01	0.01					
Rugby Union Youth Boys (13-18yrs)	3.3%	172	0.10	0.10	0.05	100%	0.05	0.05					
Rugby Union Youth Girls (13-18yrs)	3.1%	164	0.05	0.05	0.02	100%	0.02	0.02					
Rugby Union Mini/Midi Mixed (7-12yrs)	7.2%	379	0.21	0.21	0.11	100%	0.03	0.03					
Rugby League Adult Men (19-45yrs)	18.0%	946	0.05	0.05	0.02	100%	0.02	0.02	105,000	2,503	115	438	553
Rugby League Adult Women (19-45yrs)	17.4%	912	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Youth & Junior Boys (12-18yrs)	3.8%	201	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Junior Girls (12-18yrs)	3.6%	191	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Primary Mixed (7-11yrs)	6.1%	323	0.00	0.00	0.00	100%	0.00	0.00					
Hockey Senior Men (16-55yrs)	27.2%	1427	0.12	0.12	0.06	100%	0.06	0.06	775,000	34,638	901	173	1,074
Hockey Senior Women (16-55yrs)	26.3%	1381	0.10	0.10	0.05	100%	0.05	0.05					
Hockey Junior Boys (11-15yrs)	2.8%	146	0.06	0.06	0.03	100%	0.03	0.03					
Hockey Junior Girls (11-15yrs)	2.6%	136	0.08	0.08	0.04	100%	0.04	0.04					
						Total	10.80	3.46	Total	287,305	11,905	42,032	53,937

Capital costs source: SE Facilities Costs Second Quarter 2017 Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

Scenario Eii

Calculator Pitch Requirements to Completion: Kingsdown Urban Extension (1,650 dwellings / 5,775), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to work it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	assessment work to be entered - <u>see</u>			
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
 Establish a babala constraints of the local with edite. 	000.045			
2. Enter the total population of the local authority.	220,240			
3. Enter the new population to estimate the demand for.	5,775			
PART TWO: Estimated demand in match equivalent sessions during the weekly peak per	iod (across a season for Cricket)			
Adult football =	0.98			
Youth' =	1.38			
Mini Soccer* =	0.97			
Rugby Union =	0.20			
Rugby League =	0.03			
Hockey =	0.20			
Cricket =	8.13			
PART THREE: The most appropriate way to meet the estimated demand				
1 Look at the location of the new population alongside the results of the playing pitch strategy accessment work				
 Look at the location of the new population alongside the results of the playing pitch strategy assessment work. Understand the patters of playing pitch sites within an appropriate eatebraset of the page oppulation and issues in the playing pitch strategy assessment work. 				
 This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governme Community Infrastructure Levy (CIL) and the use of planning obligations. 	ne higher use; or greater community use of existing sites; ent's regulations, policy and guidance regarding the			
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England has a Chicland Hamming Obligations Advice Note available on request non-your relevant sport England planningforshort@sportengland.org	manning manager or og ernan av			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	uring the weekly peak period (across			
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rugi An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	. If this is the case then an indication of the number by and cricket and new artificial grass pitches for cal work should be undertaken to determine more			
Total =	3.80	pitches at a capital cost of £316,036	and a total life cycle cost (per	£59,330
Adult Football =	0.98	pitches at a capital cost of £83,579	and a total life cycle cost (per and a total life cycle cost (per	£17,635
Touth Football = Mini Soccert =	0.97	pitches at a capital cost of £19.403	and a total life cucle cost (per and a total life cucle cost (per	£4,075
Rugby Union	0.20	pitches at a capital cost of £22,992	and a total life cycle cost (per	£4,920
Rugby League =	0.03	pitches at a capital cost of £2,753	and a total life cycle cost (per	£608
Hockey =	0.05	pitches at a capital cost of £38,102	and a total life cycle cost (per	£1,181
Cricket =	0.20	pitches at a capital cost of <u>£52,844</u>	and a total life cycle cost (per	£10,675
*. Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant as Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Column Sauce of costs). Control Cost Sauce and Excitibles Costs Second Durate 2017.	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8-3 T).	yrs). Figures for the individual age groups are ava	ilable in the Workings Sheet (Column O	for Part 2 and
Source or costs, Gabitar Gost - Sport England Facilities Gosts Second Warter 2011				

Playing Pitch New Developm	ent Calcula	ator - Wo	rkings									Versior	n: January
	Q1. How ma from the new fall within the pitch sport a	ny people population individual ge groups?	Q2. How may be gen new po	many teams erated by the pulation?	Q3. How many i during the rele demanded b	natch equ vant peak y the new	ivalent sessions period may be population?	Q4. What do the match equivalen sessions equate t in terms of new nitch provision	t Q5.F o cost to pit	low much may it provide the new tch provision?	Q6. Whi of	at might the I the new provi	ifecycle costs ision be?
Sporting Age Groups	% of total population in the area	No. of people within the new populatio n	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demar in number of pitches required meet additiona demand during weekly peak perio (during the year f	d Pitch to Capita Cost (Q2 od 2017)	Estimated capital cost for no. of pitches generated by the new population	Pitch sinking fund cost (annual)	Pitch maintenanc e cost (annual)	Life cycle costs for no. of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	19.6%	1134	1.86	1.86	0.93	100%	0.93	0	93 85,00	00 83,579	3,677	13,958	17,635
Football Adult Women 11v11 (16-45yrs)	19.0%	1095	0.10	0.10	0.05	100%	0.05	0	05				
Football Youth Boys11v11 (12-15yrs)	2.2%	128	1.60	1.60	0.80	100%	0.80	0	80 70,00	00 96,361	3,854	16,381	. 20,236
Football Youth Girls 11v11 (12-15yrs)	2.0%	118	0.13	0.13	0.07	100%	0.07	0	07				
Football Youth Boys 9v9 (10-11yrs)	1.2%	70	1.00	1.00	0.50	100%	0.50	0	50				
Football Youth Girls 9v9 (10-11yrs)	1.1%	64	0.03	0.03	0.01	100%	0.01	0	01				
Football Mini Soccer Mixed 7v7 (8-9yrs)	2.6%	148	1.13	1.13	0.56	100%	0.56	0	56 20,00	00 19,403	776	3,299	4,075
Football Mini Soccer Mixed 5v5 (6-7yrs)	2.6%	149	0.81	0.81	0.41	100%	0.41	0	41				
Cricket Open Age Mens (18-55yrs)	26.1%	1507	0.71	0.71	7.08	N/a	7.08	0	18 270,00	00 52,844	2,589	8,085	10,675
Cricket Open Age Womens (18-55yrs)	25.2%	1458	0.00	0.00	0.00	N/a	0.00	0	00				
Cricket Junior Boys (7-18yrs)	7.0%	406	0.13	0.13	1.05	N/a	1.05	0	02				
Cricket Junior Girls (7-18yrs)	6.6%	381	0.00	0.00	0.00	N/a	0.00	0	00				
Rugby Union Senior Men (19-45yrs)	18.0%	1040	0.16	0.16	80.0	100%	0.08	0	08 115,00	00 22,992	1,081	3,840	4,920
Rugby Union Senior Women (19-45yrs)	17.4%	1003	0.03	0.03	0.01	100%	0.01	0	01				
Rugby Union Youth Boys (13-18yrs)	3.3%	190	0.10	0.10	0.05	100%	0.05	0	05				
Rugby Union Youth Girls (13-18yrs)	3.1%	181	0.05	0.05	0.03	100%	0.03	0	03				
Rugby Union Mini/Midi Mixed (7-12yrs)	7.2%	417	0.24	0.24	0.12	100%	0.03	0	03				
Rugby League Adult Men (19-45yrs)	18.0%	1040	0.05	0.05	0.03	100%	0.03	0	03 105,00	2,753	127	482	608
Rugby League Adult Women (19-45yrs)	17.4%	1003	0.00	0.00	0.00	100%	0.00	0	00				
Rugby League Youth & Junior Boys (12-18yrs)	3.8%	222	0.00	0.00	0.00	100%	0.00	0	00				
Rugby League Junior Girls (12-18yrs)	3.6%	211	0.00	0.00	0.00	100%	0.00	0	00				
Rugby League Primary Mixed (7-11yrs)	6.1%	355	0.00	0.00	0.00	100%	0.00	0	00				
Hockey Senior Men (16-55yrs)	27.2%	1570	0.13	0.13	0.07	100%	0.07	0	07 775,00	00 38,102	991	191	1,181
Hockey Senior Women (16-55yrs)	26.3%	1519	0.10	0.10	0.05	100%	0.05	0	05				
Hockey Junior Boys (11-15yrs)	2.8%	161	0.07	0.07	0.03	100%	0.03	0	03				
Hockey Junior Girls (11-15yrs)	2.6%	149	0.09	0.09	0.05	100%	0.05	0	05				
						Total	11.88	3	80 Tot	tal 316,036	13,095	46,235	59,330

Capital costs source: SE Facilities Costs Second Quarter 2017 Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

59,330

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

Scenario Fi

Calculator Pitch Requirements to 2026: NEV Urban Extension (6,910 dwellings / 24,185 persons), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to w ork it requires data from the local authority's playing pitch strateg <u>'PPS Data' sheet</u> .				
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
2. Enter the total population of the local authority.	220,245			
3. Enter the new population to estimate the demand for.	24,185			
PART TWO: Estimated demand in match equivalent sessions during the veekly peak pe	riod (across a season for Cricket)			
Adult football :	4.12			
Youth* :	5.77			
Mini Soccer* :	4.06			
Rugby Union :	0.84			
Rugby League :	= 0.11			
Hockey :	0.82			
Cricket :	34.04			
PART THREE: The most appropriate way to meet the estimated demand				
1. Look at the logation of the new population alongside the results of the playing pitch strategy accessment work				
 Look at the location of the new population alongstate the resolution of the plaging pitch strategy assessment work. I ladiesteed the strate of classics class is a vibility of energy strategy and the resolution of the plaging pitch strategy assessment work. 				
 This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain to Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new	he higher use; or greater community use of existing sites; tent's regulations, policy and guidance regarding the			
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England has a Git and manning obligations Advice Note available on request non-good relevant oport England planningforsport@sportepoland.org	i manining manager or og ennan av			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	luring the weekly peak period (across			
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rug An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	s. If this is the case then an indication of the number gby and cricket and new artificial grass pitches for ocal work should be undertaken to determine more			
Total :	= <u>15.92</u> pi	tches at a capital cost of £1,323,519	and a total life cycle cost (per	£248,468
	(10			570.054
Adult Football	4.12 pi	cones at a capital cost of \$300,018	and a total life cycle cost (per	273,854
Youth Football : Mini Soccar	4.06 pi	tches at a capital cost of £81259	and a total life cucle cost (per and a total life cucle cost (per	\$17.064
Bushullnion :	0.84	tches at a capital cost of £96,289	and a total life cucle cost (per	£20,606
Rugby League :	= 0.11 pi	tches at a capital cost of £11,530	and a total life cycle cost (per	£2,548
Hockey	0.21 pi	tches at a capital cost of £159,567	and a total life cycle cost (per	£4,947
Cricket :	= <u>0.82</u> pil	tches at a capital cost of £221,305	and a total life cycle cost (per	£44,704
*. Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant a Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Colum Source of costs: Control Cost - Sport England Englities Costs Second Quarter 2017	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8-9 y in T).	rs). Figures for the individual age groups are avai	lable in the Workings Sheet (Column O	for Part 2 and

Playing Pitch New Development Calculator - Workings Q4. What do the Q1. How many people Q2. How many teams Q3. How many match equivalent sessions Q5. How much may it match equivalent from the new population Q6. What might the lifecycle costs may be generated by the during the relevant peak period may be sessions equate to cost to provide the new fall within the individual of the new provision be? new population? demanded by the new population? pitch provision? in terms of new pitch sport age groups? pitch provision? No. of teams Estimated demand No. of % of Match equivalent Estimated Life cycle No. of generated Estimated demand in number of Pitch Pitch people match sessions during capital cost for Pitch costs for no. % of total Capital for home matches sinking teams by new pitches required to within the play weekly peak no. of pitches naintenano of pitches Sporting Age Groups population in generated population per week meet additional Cost fund new during period (during generated by e cost generated by by the new with change - per year for (02 the area demand during cost populatio the year for the peak (annual) the new new in demand Cricket 2017) population weekly peak period (annual) period Cricket) population population n factored in (during the year for Football Adult Men 11v11 (16-45yrs) 19.6% 4749 7.80 7.80 3.90 100% 3.90 3.90 85,000 350,018 15,401 58,453 73,854 4587 0.44 0.22 Football Adult Women 11v11 (16-45vrs) 19.0% 0.44 0.22 100% 0.22 Football Youth Boys11v11 (12-15yrs) 2.2% 534 6.70 6.70 3.35 100% 3.35 3.35 70,000 403,550 16,142 68,604 84,746 Football Youth Girls 11v11 (12-15yrs) 0.27 2.0% 495 0.55 0.55 0 27 100% 0.27 Football Youth Boys 9v9 (10-11yrs) 1.2% 295 4.17 4.17 2.09 100% 2.09 2.09 0.05 Football Youth Girls 9v9 (10-11yrs) 1.1% 267 0.11 0.11 0.05 100% 0.05 4.72 4.72 2.36 2.36 20,000 81,259 3,250 13,814 17,064 Football Mini Soccer Mixed 7v7 (8-9yrs) 2.6% 619 2.36 100% Football Mini Soccer Mixed 5v5 (6-7yrs) 2.6% 626 3.40 3.40 1.70 100% 1.70 1.70 Cricket Open Age Mens (18-55yrs) 26.1% 6311 2.96 2.96 29.65 N/a 29.65 0.74 270,000 221,305 10,844 33,860 44,704 0.00 Cricket Open Age Womens (18-55yrs) 25.2% 6104 0.00 0.00 0.00 N/a 0.00 Cricket Junior Boys (7-18yrs) 7.0% 1701 0.55 0.55 4.39 N/a 4.39 0.08 0.00 Cricket Junior Girls (7-18yrs) 6.6% 1596 0.00 0.00 0.00 N/a 0.00 18.0% 4356 0.66 0.66 0.33 100% 0.33 0.33 115,000 96,289 4,526 16,080 20,606 Rugby Union Senior Men (19-45yrs) Rugby Union Senior Women (19-45yrs) 17.4% 4200 0.11 100% 0.05 0.05 0.11 0.05 794 0.44 0.44 0.22 0.22 Rugby Union Youth Boys (13-18yrs) 3 396 0.22 100% Rugby Union Youth Girls (13-18yrs) 3.1% 757 0.22 0.22 0.11 1009 0.11 0.11 7.2% 1747 0.12 0.12 Rugby Union Mini/Midi Mixed (7-12yrs) 0.99 0.99 0.49 100% 18.0% 4356 0.22 0.22 0.11 0.11 105,000 11,530 530 2,018 2,548 Rugby League Adult Men (19-45yrs) 0.11 100% Rugby League Adult Women (19-45yrs) 17.4% 4200 0.00 0.00 0.00 100% 0.00 0.00 Rugby League Youth & Junior Boys (12-18yrs) 3.8% 928 0.00 0.00 0.00 0.00 0.00 100% Rugby League Junior Girls (12-18yrs) 3.6% 882 0.00 0.00 0.00 100% 0.00 0.00 1487 0.00 0.00 0.00 0.00 Rugby League Primary Mixed (7-11yrs) 6.1% 0.00 100% 0.27 0.27 Hockey Senior Men (16-55yrs) 27.2% 6575 0.55 0.55 0.27 100% 775,000 159,567 4,149 798 4,947 26.3% 6363 0.44 0.44 0.22 0.22 Hockey Senior Women (16-55yrs) 0.22 100% Hockey Junior Boys (11-15yrs) 2.8% 673 0.27 0.27 0.14 100% 0.14 0.14 625 0.38 0.19 100% 0.19 0.19 Hockey Junior Girls (11-15yrs) 2.6% 0.38

49.76

Total

15.92

Total

Capital costs source: SE Facilities Costs Second Quarter 2017 Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

193,626

248,468

1,323,519 54,842

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

Version: January

Scenario Fii

Calculator Pitch Requirements to Completion: NEV Urban Extension (8,140 dwellings / 28,490 persons), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to work it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .	y assessment work to be entered - <u>see</u>			
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
2. Enter the total population of the local authority.	220,245			
3. Enter the new population to estimate the demand for.	28,490			
PART TWO: Estimated demand in match equivalent sessions during the weekly peak pe	riod (across a season for Cricket)			
ódult (option)	4.95			
Adult football =	4.00			
Toutn =	6.73			
IMINI Soccer =	4.73			
Rugoy Union =	0.39			
Hugoy League =	0.13			
Hookey = Cricket -	40.10			
Citiket =	10.10			
PART THREE: The most appropriate way to meet the estimated demand				
1. Look at the location of the new population alongside the results of the playing pitch strategy assessment work.				
2. Understand the nature of playing pitch sites within an appropriate catchment of the new population and issues in the	area.			
 This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governm Community Infrastructure Levy (CIL) and the use of planning obligations. 	he higher use; or greater community use of existing sites; ient's regulations, policy and guidance regarding the			
Link here to the CIL Section of the Government's Planning Practice Guidance. Sport England has a Lot, and manimity obligations Advice note available on request norm your relevant open England planningforshoft@shortengland.org	r manning manager or og ernan av			
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	luring the weekly peak period (across			
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rug An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate Ic accurate costings.	s. If this is the case then an indication of the number yby and cricket and new artificial grass pitches for boal work should be undertaken to determine more			
Total =	: 18.75 p	pitches at a capital cost of £1,559,109	and a total life cycle cost (per	£292,696
• • • • • •	1.07		and a base 10% and the second	607.000
Adult Football = Youth Football =	4.85 p	pitches at a capital cost of \$412,322	and a total life cycle cost (per and a total life cycle cost (per	287,000
Youth Football = Mini Soccert =	479	pitches at a capital cost of £95 723	and a total life cycle cost (per and a total life cycle cost (per	£20,030
Ruabu Union	0.99	pitches at a capital cost of £113,429	and a total life cycle cost (per	£24,274
Rugby League	0.13 p	pitches at a capital cost of £13,582	and a total life cycle cost (per	£3,002
Hockey =	0.24 p	pitches at a capital cost of £187,970	and a total life cycle cost (per	£5,827
Cricket =	0.97 p	bitches at a capital cost of £260,698	and a total life cycle cost (per	£52,661
•. Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant a Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Colum	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8-9 ; n T).	yrs). Figures for the individual age groups are ava	ilable in the Workings Sheet (Column O	for Part 2 and
Source of costs: Capital Cost - Sport England Facilities Costs Second Quarter 2017				

Playing Pitch New Developm	ent Calcula	ator - Wo	rkings									Versior	n: January
	Q1. How many people from the new population fall within the individual pitch sport age groups?		Q3. How many r during the rele demanded by	natch equ vant peak y the new	ivalent sessions period may be population?	Q4. What do the match equivalent sessions equate to in terms of new pitch provision?	Q5. How much may it cost to provide the new pitch provision?		Q6. What might the lifecycle costs of the new provision be?				
Sporting Age Groups	% of total population in the area	No. of people within the new populatio n	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demand in number of pitches required to meet additional demand during weekly peak period (durine the year for	Pitch Capital Cost (Q2 2017)	Estimated capital cost for no. of pitches generated by the new population	Pitch sinking fund cost (annual)	Pitch maintenanc e cost (annual)	Life cycle costs for no. of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	19.6%	5595	9.18	9.18	4.59	100%	4.59	4.59	85,000	0 412,322	18,142	68,858	87,000
Football Adult Women 11v11 (16-45yrs)	19.0%	5404	0.52	0.52	0.26	100%	0.26	0.26					
Football Youth Boys11v11 (12-15yrs)	2.2%	629	7.89	7.89	3.95	100%	3.95	3.95	70,000	0 475,383	19,015	80,815	99,830
Football Youth Girls 11v11 (12-15yrs)	2.0%	583	0.65	0.65	0.32	100%	0.32	0.32					
Football Youth Boys 9v9 (10-11yrs)	1.2%	5 347	4.92	4.92	2.46	100%	2.46	2.46					
Football Youth Girls 9v9 (10-11yrs)	1.1%	5 314	0.13	0.13	0.06	100%	0.06	0.06					
Football Mini Soccer Mixed 7v7 (8-9yrs)	2.6%	5 729	5.56	5.56	2.78	100%	2.78	2.78	20,000	95,723	3,829	16,273	20,102
Football Mini Soccer Mixed 5v5 (6-7yrs)	2.6%	5 737	4.01	4.01	2.01	100%	2.01	2.01					
Cricket Open Age Mens (18-55yrs)	26.1%	5 7435	3.49	3.49	34.93	N/a	34.93	0.87	270,000	0 260,698	12,774	39,887	52,661
Cricket Open Age Womens (18-55yrs)	25.2%	5 7191	0.00	0.00	0.00	N/a	0.00	0.00					
Cricket Junior Boys (7-18yrs)	7.0%	5 2004	0.65	0.65	5.17	N/a	5.17	0.09					
Cricket Junior Girls (7-18yrs)	6.6%	1880	0.00	0.00	0.00	N/a	0.00	0.00					
Rugby Union Senior Men (19-45yrs)	18.0%	5131	0.78	0.78	0.39	100%	0.39	0.39	115,000	0 113,429	5,331	18,943	24,274
Rugby Union Senior Women (19-45yrs)	17.4%	6 4948	0.13	0.13	0.06	100%	0.06	0.06					
Rugby Union Youth Boys (13-18yrs)	3.3%	935	0.52	0.52	0.26	100%	0.26	0.26					
Rugby Union Youth Girls (13-18yrs)	3.1%	6 892	0.26	0.26	0.13	100%	0.13	0.13					
Rugby Union Mini/Midi Mixed (7-12yrs)	7.2%	2058	1.16	1.16	0.58	100%	0.15	0.15					
Rugby League Adult Men (19-45yrs)	18.0%	5131	0.26	0.26	0.13	100%	0.13	0.13	105,000	0 13,582	625	2,377	3,002
Rugby League Adult Women (19-45yrs)	17.4%	6 4948	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Youth & Junior Boys (12-18yrs)	3.8%	6 1093	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Junior Girls (12-18yrs)	3.6%	6 1039	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Primary Mixed (7-11yrs)	6.1%	5 1752	0.00	0.00	0.00	100%	0.00	0.00					
Hockey Senior Men (16-55yrs)	27.2%	5 7746	0.65	0.65	0.32	100%	0.32	0.32	775,000	187,970	4,887	940	5,827
Hockey Senior Women (16-55yrs)	26.3%	5 7496	0.52	0.52	0.26	100%	0.26	0.26					
Hockey Junior Boys (11-15yrs)	2.8%	5 793	0.32	0.32	0.16	100%	0.16	0.16					
Hockey Junior Girls (11-15yrs)	2.6%	5 736	0.45	0.45	0.23	100%	0.23	0.23					
						Total	58.61	18.75	Tota	1,559,109	64,604	228,092	292,696

Capital costs source: SE Facilities Costs Second Quarter 2017 Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

292,696

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

Scenario G

Calculator Pitch Requirements to 2026: Commonhead Urban Extension (890 dwellings / 3,115 persons), 100% Demand in Peak Period

Playing Pitch New Development Calculator	Version:			
<u>Note</u> : For the calculator to work it requires data from the local authority's playing pitch strategy <u>'PPS Data' sheet</u> .				
PART ONE: Local Authority and population details				
1. Select the local authority from the list.	Swindon			
2. Enter the total population of the local authority.	220,245			
3. Enter the new population to estimate the demand for.	3,115			
PART TWO: Estimated demand in match equivalent sessions during the weekly peak per	riod (across a season for Cricket)			
Adult football = Youth" = Mini Soccer" = Rugby Union = Rugby League = Hockey = Cricket =	0.53 0.74 0.52 0.11 0.01 0.11 4.38			
PART THREE: The most appropriate way to meet the estimated demand				
 Look at the location or the new population alongside the results of the pragments strategy assessment work. Understand the nature of playing pitch sites within an appropriate catchment of the new population and issues in the a 3. This may lead to suggestions of one or more ways of meeting the estimated demand, such as: Enhancing existing pitches to increase their capacity and ensure adequate long term maintenance to maintain the b. Undertaking works, and ensuring appropriate long term maintenance and access arrangements, to secure new or c. Providing new playing pitches on new sites (natural or artificial grass pitches). When deciding on the most appropriate way of meeting the estimated demand regard should be had to the Governmy Community Infrastructure Levy (CIL) and the use of planning obligations. Link here to the CIL Section of the Government's Planning Practice Guidance. 	area. ne higher use; or greater community use of existing sites; ent's regulations, policy and guidance regarding the			
Sport England has a fold and Hamming Obligations Advice Note available on request non-good relevant Sport England planningforsport@sporte-pland org				
PART FOUR: Estimated demand in new playing pitches to meet the estimated demand d	uring the weekly peak period (across			
It may be decided that the estimated demand should be met by the creation of new natural and/or artificial grass pitches of new pitches that may be required is provided below. This is based on providing natural grass pitches for football, rug An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate lo accurate costings.	. If this is the case then an indication of the number by and cricket and new artificial grass pitches for cal work should be undertaken to determine more			
Total =	2.05 p	itches at a capital cost of £170,468	and a total life cycle cost (per	£32,002
Adult Football = Youth Football = Mini Soccer = Rugby Union = Rugby League = Hockey = Cricket =	0.53 p 0.74 p 0.52 p 0.11 p 0.01 p 0.03 p 0.11 p	itches at a capital cost of £45,082 itches at a capital cost of £51,977 itches at a capital cost of £10,466 itches at a capital cost of £12,402 itches at a capital cost of £1,485 itches at a capital cost of £20,552 itches at a capital cost of £28,504	and a total life cycle cost (per and a total life cycle cost (per	£9,512 £10,915 £2,198 £2,654 £328 £637 £5,758
*. Figures shown in Parts 2 and 4 on this sheet for both youth football and mini soccer categories combine the results for the relevant ac	ge groups (Youth 10-11 and 12-15yrs, Mini Soccer 6-7 and 8-9	yrs). Figures for the individual age groups are avai	ilable in the Workings Sheet (Column O	for Part 2 and
Columns Q to Y for Part 4). The pitch costs used are the same for all age groups within the same category (see Workings Sheet, Column Source of costs: Capital Cost - Sport England Facilities Costs Second Quarter 2017	ат).		2	

Playing Pitch New Development Calculator - Workings

Version: January

	Q1. How ma from the new fall within the pitch sport a	ny people population individual ge groups?	Q2. How may be generated on the second secon	How many teams Q3. How many match equivalent sessions be generated by the during the relevant peak period may be new population? demanded by the new population?				Q4. What do the match equivalent sessions equate to in terms of new pitch provision?	Q5. How much may it cost to provide the new pitch provision?		Q6. What might the lifecycle costs of the new provision be?		
Sporting Age Groups	% of total population in the area	No. of people within the new populatio n	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demand in number of pitches required to meet additional demand during weekly peak period (during the year for	Pitch Capital Cost (Q2 2017)	Estimated capital cost for no. of pitches generated by the new population	Pitch sinking fund cost (annual)	Pitch maintenanc e cost (annual)	Life cycle costs for no. of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	19.6%	612	1.00	1.00	0.50	100%	0.50	0.50	85,000	45,082	1,984	7,529	9,512
Football Adult Women 11v11 (16-45yrs)	19.0%	591	0.06	0.06	0.03	100%	0.03	0.03					
Football Youth Boys11v11 (12-15yrs)	2.2%	69	0.86	0.86	0.43	100%	0.43	0.43	70,000	51,977	2,079	8,836	10,915
Football Youth Girls 11v11 (12-15yrs)	2.0%	64	0.07	0.07	0.04	100%	0.04	0.04					
Football Youth Boys 9v9 (10-11yrs)	1.2%	38	0.54	0.54	0.27	100%	0.27	0.27					
Football Youth Girls 9v9 (10-11yrs)	1.1%	34	0.01	0.01	0.01	100%	0.01	0.01					
Football Mini Soccer Mixed 7v7 (8-9yrs)	2.6%	80	0.61	0.61	0.30	100%	0.30	0.30	20,000	10,466	419	1,779	2,198
Football Mini Soccer Mixed 5v5 (6-7yrs)	2.6%	81	0.44	0.44	0.22	100%	0.22	0.22					
Cricket Open Age Mens (18-55yrs)	26.1%	813	0.38	0.38	3.82	N/a	3.82	0.10	270,000	28,504	1,397	4,361	5,758
Cricket Open Age Womens (18-55yrs)	25.2%	786	0.00	0.00	0.00	N/a	0.00	0.00					
Cricket Junior Boys (7-18yrs)	7.0%	219	0.07	0.07	0.57	N/a	0.57	0.01					
Cricket Junior Girls (7-18yrs)	6.6%	206	0.00	0.00	0.00	N/a	0.00	0.00					
Rugby Union Senior Men (19-45yrs)	18.0%	561	0.08	0.08	0.04	100%	0.04	0.04	115,000	12,402	583	2,071	2,654
Rugby Union Senior Women (19-45yrs)	17.4%	541	0.01	0.01	0.01	100%	0.01	0.01					
Rugby Union Youth Boys (13-18yrs)	3.3%	102	0.06	0.06	0.03	100%	0.03	0.03					
Rugby Union Youth Girls (13-18yrs)	3.1%	97	0.03	0.03	0.01	100%	0.01	0.01					
Rugby Union Mini/Midi Mixed (7-12yrs)	7.2%	225	0.13	0.13	0.06	100%	0.02	0.02					
Rugby League Adult Men (19-45yrs)	18.0%	561	0.03	0.03	0.01	100%	0.01	0.01	105,000	1,485	68	260	328
Rugby League Adult Women (19-45yrs)	17.4%	541	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Youth & Junior Boys (12-18yrs)	3.8%	119	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Junior Girls (12-18yrs)	3.6%	114	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Primary Mixed (7-11yrs)	6.1%	192	0.00	0.00	0.00	100%	0.00	0.00					
Hockey Senior Men (16-55yrs)	27.2%	847	0.07	0.07	0.04	100%	0.04	0.04	775,000	20,552	534	103	637
Hockey Senior Women (16-55yrs)	26.3%	820	0.06	0.06	0.03	100%	0.03	0.03					
Hockey Junior Boys (11-15yrs)	2.8%	87	0.04	0.04	0.02	100%	0.02	0.02					
Hockey Junior Girls (11-15yrs)	2.6%	80	0.05	0.05	0.02	100%	0.02	0.02					
						Total	6.41	2.05	Total	170,468	7,064	24,939	32,002

Capital costs source: SE Facilities Costs Second Quarter 2017 Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches, Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.