

Swindon Borough
Playing Pitch Assessment

2016-2021

SUPPLEMENTARY TECHNICAL PROJECTION OF
DEMAND TO 2026

Appendix 6

3G Scenarios

i) With mini and youth 9v9 moving to play on a Saturday to maximise capacity.

Notes
Model only establishes demand for affiliated teams / known teams and additional time would need to be added in for social, small-sided and pay and play demand

ii) With teams playing matches on days currently used

Model only establishes demand for affiliated teams / known teams and additional time would need to be added in for social, small-sided and pay and play demand

Scenario 2a - All current teams playing competitive football having access to a full size floodlit 3G AGP to train on once a week.

Calculation based on typical time slots remaining fixed								
		Mini 5v5	Mini 7v7	Youth 9v9	Youth 11v11 and Ladies	Adult 11v11 (midweek evening)	Adult 11v11 (Sat)	Adult 11v11 (Sun)
No. of teams		39	49	43	78	3	23	57
AGP capacity required for all teams for matches	No. of matches	19.5	24.5	21.5	39	1.5	11.5	28.5
	Match time required (hours, rounded to half hour, including half time and warm-up / warm-down)	1	1	1.5	2	2	2	2
	Total match time required (hours, rounded to quarter)	19.5	24.5	32.25	78	3	23	57
	Full size equivalent required per match	0.25	0.5	0.5	1	1	1	1
	Full size equivalent required for total matches (hours)	4.875	12.25	10.75	39	1.5	11.5	28.5
AGP capacity required for all teams for training	No. of training sessions per team	1	1	1	1	**	1	1
	No. of training sessions total	39	49	43	78	**	23	57
	Training time required per session (hours)	1	1	1	1	**	1	1
	Total training time required (hours)	39	49	43	78	**	23	57
	Full size equivalent required per session	0.15	0.3	0.3	0.3	**	0.3	0.3
Full size equivalent required for total training (hours)		5.85	14.7	12.9	23.4	**	6.9	17.1
How much match play can you fit into one pitch?	Period of play (matches)	Sat am	Sat am	Sat am	Sun pm	Mon-Thurs pm	Sat pm	Sun am
	Period of play (time slots)	9-10am	10-11am	11-12.30pm	1-2pm & 3-5pm	5.30-9.30pm	1-2pm & 3-5pm	10-12pm
	Available time (capacity, hours)	1	1	1.5	4	16	4	2
	Total matches which can be accommodated in time slot	4	2	2	2	8	2	1
No. of full size pitches required to satisfy match play demand in time slot		2.4375	12.25	10.75	19.5	0.1875	5.75	28.5
How much training can you fit into one pitch?	Period of play (training)	*	midweek evening	midweek evening	midweek evening	**	midweek evening Mon-Thurs	midweek evening Mon-Thurs
	Period of play (time slots)	*	5-6pm	5-6pm	6-7pm	**	7-8pm	8-9pm
	Available time (capacity, hours)	*	10	5	5	**	4	4
	Total training sessions which can be accommodated in time slot	*	16.7	16.7	16.7	**	11.3	13.3
No. of full size pitches required to satisfy training demand for each team type / age group		0	5.52	4.68	0	1.725	4.275	
No. of full size pitches required to satisfy mid-week evening demand		0	5.7075					
No. of full size pitches required to satisfy weekend match demand		2.4375	12.25	10.75	19.5	0	5.75	28.5
Total no. of pitches required to satisfy all peak period demand		28.5						
Calculation based on basic supply / demand position								
Number of hours one full size AGP can accommodate above requirements per week		31.3						
Number of hours in peak period when demand requires capacity		168.675						
No. of full size pitches required to satisfy basic demand without meeting / reference to timeslot needs		5.35						
Calculation based on evening out demand in 7-9pm mid-week and 5-7pm mid-week training timeslots								
Period of play (training)		Youth 9v9 and 11v11	Adult (Sat and Sun)					
Period of play (time slots)		mid-week evening	midweek evening Mon-Thurs					
No. of full size pitches required to satisfy training demand for each team type / age group		2.34	3					
No. of full size pitches required to satisfy midweek match play demand in time slot		0.19						
Adjusted no. of full size pitches required to satisfy mid-week evening demand		3.19						
		Mini 5v5	Mini 7v7	Youth 9v9	Youth 11v11	Adult 11v11 (midweek evening)	Adult 11v11 (Sat)	Adult 11v11 (Sun)
No. of full size pitches required to satisfy weekend match demand		2.4375	12.25	19.5		0	28.5	
Adjusted total no. of pitches required to satisfy all peak period demand		28.50						
Calculation based on stretching traditional Sun am timeslot for matches to 9am-1pm allowing for additional match								
Period of play (matches)		Adult 11v11 (Sun)						
Period of play (time slots)		Sun am						
Available time (capacity, hours)		4						
Total matches which can be accommodated in time slot		2						
No. of full size pitches required to satisfy match play demand in time slot		14.25						
Adjusted total no. of pitches required to satisfy all peak period demand		19.50						
Notes								
Model only establishes demand for affiliated teams / known teams and additional time would need to be added in for social, small-sided and max and play demand								

Scenario 2b - All current and future projected teams playing competitive football having access to a full size floodlit 3G AGP to train on once a week.

		Mini 5v5	Mini 7v7	Youth 9v9	Youth 11v11 and Ladies	Adult 11v11 (midwk evening)	Adult 11v11 (Sat)	Adult 11v11 (Sun)
	No. of teams	76	73	60	108	3	42	63
AGP capacity required for all teams for matches	No. of matches	38	36.5	30	54	15	21	31.5
	Match time required (hours, rounded to half hour, including half time and warm-up / warm-down)	1	1	1.5	2	2	2	2
	Total match time required (hours, rounded to quarter)	38	36.5	45	108	3	42	63
	Full size equivalent required per match	0.25	0.5	0.5	1	1	1	1
	Full size equivalent required for total matches (hours)	9.5	18.25	15	54	15	21	31.5
AGP capacity required for all teams for training	No. of training sessions per team	1	1	1	1	**	1	1
	No. of training sessions total	76	73	60	108	**	42	63
	Training time required per session (hours)	1	1	1	1	**	1	1
	Total training time required (hours)	76	73	60	108	**	42	63
	Full size equivalent required per session	0.15	0.3	0.3	0.3	**	0.3	0.3
	Full size equivalent required for total training (hours)	11.4	21.9	18	32.4	**	12.6	18.9
How much match play can you fit into <u>one</u> pitch?	Period of play (matches)	sun pm	sun pm	sun pm	sun pm	Mon-Thurs pm	sat pm	sun am
	Period of play (time slots)	12-1pm	1-2pm	2-3:30pm	3:30-5:30pm	5:30-9:30pm	1-3pm & 3-5pm	10-12pm
	Available time (capacity, hours)	1	1	1.5	2	16	4	2
	Total matches which can be accommodated in time slot	4	2	2	1	8	2	1
	No. of full size pitches required to satisfy match play demand in time slot	4.75	18.25	15	54	0.1875	10.5	31.5
How much training can you fit into <u>one</u> pitch?	Period of play (training)	*	midweek evening	midweek evening	midweek evening	**	midweek evening Mon-Thurs	midweek evening Mon-Thurs
	Period of play (time slots)	*	5-6pm	5-6pm	6-7pm	**	7-8pm	8-9pm
	Available time (capacity, hours)	*	10	5	5	**	4	4
	Total training sessions which can be accommodated in time slot	*	16.7	16.7	16.7	**	13.3	13.3
	No. of full size pitches required to satisfy training demand for each team type / age group	0	7.98		6.48	0	3.15	4.725
	No. of full size pitches required to satisfy mid-week evening demand	0	8.1675					
	No. of full size pitches required to satisfy weekend match demand	4.75	18.25	15	54	0	10.5	31.5
	Total no. of pitches required to satisfy <u>all</u> peak period demand	54.0						

Number of teams which could be accommodated over a weekend on 4 full size floodlit 3G pitches (to utilise the number of new additional pitches required arising from scenario 2b)

i) With minis and youth 9v9 teams moving to play on a Saturday am to maximise available pitch capacity.

Calculation based on typical time slots remaining fixed							
	Mini 5v5	Mini 7v7	Youth 9v9	Youth 11v11 and Ladies	Adult 11v11 (midwk evening)	Adult 11v11 (Sat)	Adult 11v11 (Sun)
No. of teams	64	16	16	16	4	16	8
No. of matches	32	8	8	8	2	8	4
Match time required (hours, rounded to half hour, including half time and warm-up / warm-down)	1	1	1.5	2	2	2	2
Total match time required (hours, rounded to quarter)	32	8	12	16	4	16	8
Full size equivalent required per match	0.25	0.5	0.5	1	1	1	1
Full size equivalent required for total matches (hours)	8	4	4	8	2	8	4
No. of training sessions per team	1	1	1	1	**	1	1
No. of training sessions total	64	16	16	16	**	16	8
Training time required per session (hours)	1	1	1	1	**	1	1
Total training time required (hours)	64	16	16	16	**	16	8
Full size equivalent required per session	0.15	0.3	0.3	0.3	**	0.3	0.3
Full size equivalent required for total training (hours)	9.6	4.8	4.8	4.8	**	4.8	2.4
Period of play (matches)	sat am	sat am	sat am	sun pm	Mon-Thurs pm	sat pm	sun am
Period of play (time slots)	9-10am	10-11am	11-12.30pm	1-3pm & 3-5pm	5.30-9.30pm	1-3pm & 3-5pm	10-12pm
Available time (capacity, hours)	1	1	1.5	4	16	4	2
Total matches which can be accommodated in time slot	4	2	2	2	8	2	1
No. of full size pitches required to satisfy match play demand in time slot	4	4	4	4	0.25	4	4
Period of play (training)	*	midweek evening	midweek evening	midweek evening	**	midweek evening Mon-Thurs	midweek evening Mon-Thurs
Period of play (time slots)	*	5-6pm	5-6pm	6-7pm	**	7-8pm	8-9pm
Available time (capacity, hours)	*	10	5	5	**	4	4
Total training sessions which can be accommodated in time slot	*	16.7	16.7	16.7	**	13.3	13.3
No. of full size pitches required to satisfy training demand for each team type / age group	0	1.92		0.96	0	1.2	0.6
No. of full size pitches required to satisfy mid-week evening demand	0				2.17		
No. of full size pitches required to satisfy weekend match demand	4	4	4	4	0	4	4
Total no. of pitches required to satisfy all peak period demand					4.0		

ii) With teams playing on existing days for matches.

Calculation based on typical time slots remaining fixed							
	Mini 5v5	Mini 7v7	Youth 9v9	Youth 11v11 and Ladies	Adult 11v11 (midwk evening)	Adult 11v11 (Sat)	Adult 11v11 (Sun)
No. of teams	64	16	16	8	4	16	8
No. of matches	32	8	8	4	2	8	4
Match time required (hours, rounded to half hour, including half time and warm-up / warm-down)	1	1	1.5	2	2	2	2
Total match time required (hours, rounded to quarter)	32	8	12	8	4	16	8
Full size equivalent required per match	0.25	0.5	0.5	1	1	1	1
Full size equivalent required for total matches (hours)	8	4	4	4	2	8	4
No. of training sessions per team	1	1	1	1	**	1	1
No. of training sessions total	64	16	16	8	**	16	8
Training time required per session (hours)	1	1	1	1	**	1	1
Total training time required (hours)	64	16	16	8	**	16	8
Full size equivalent required per session	0.15	0.3	0.3	0.3	**	0.3	0.3
Full size equivalent required for total training (hours)	9.6	4.8	4.8	2.4	**	4.8	2.4
Period of play (matches)	sun pm	sun pm	sun pm	sun pm	Mon-Thurs pm	sat pm	sun am
Period of play (time slots)	12-1pm	1-2pm	2-3.30pm	3.30-5.30pm	5.30-9.30pm	1-3pm & 3-5pm	10-12pm
Available time (capacity, hours)	1	1	1.5	2	16	4	2
Total matches which can be accommodated in time slot	4	2	2	1	8	2	1
No. of full size pitches required to satisfy match play demand in time slot	4	4	4	4	0.25	4	4
Period of play (training)	*	midweek evening	midweek evening	midweek evening	**	midweek evening Mon-Thurs	midweek evening Mon-Thurs
Period of play (time slots)	*	5-6pm	5-6pm	6-7pm	**	7-8pm	8-9pm
Available time (capacity, hours)	*	10	5	5	**	4	4
Total training sessions which can be accommodated in time slot	*	16.7	16.7	16.7	**	13.3	13.3
No. of full size pitches required to satisfy training demand for each team type / age group	0	1.92		0.48	0	1.2	0.6
No. of full size pitches required to satisfy mid-week evening demand	0				2.17		
No. of full size pitches required to satisfy weekend match demand	4	4	4	4	0	4	4
Total no. of pitches required to satisfy all peak period demand					4.0		