



Football
Wagga Wagga

Facilities
Strategic Plan
2016-2026

Document Control

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Executive Summary

Football in Wagga Wagga has seen a dramatic turn in recent years, with participation rate growth in 2015 and 2016 nearly double the NSW average. This, together with the sport being the highest junior participation sport in the region, is putting pressure on existing facilities, many of which are not at a standard where football can be enjoyed to its full potential.

In 2016, about 2400 people participated in winter football in Wagga Wagga. Modelling done for this Strategic Plan indicates that this could grow to over 3600 within the next 10 years. Part of this is likely due to the increase in popularity of the sport, as well as the general population growth of Wagga Wagga. The Australian Bureau of Statistics estimates that the population of Wagga Wagga will grow at 25% (63,851 to 80,410) over the next 20 years (2015-2035). Based on this modelling, the existing football facilities in Wagga Wagga are unlikely to meet the needs of the sport in the coming years.

This Facilities Strategic Plan has been developed to assist in guiding facility improvement projects over the next 10 years. It has been developed in consideration of a number of other strategies and plans including:

- Football Federation Australia (FFA) Strategic Plan
- Football NSW Facilities Strategic Plan
- Wagga Wagga City Council Football Development Strategy 2012
- Wagga Wagga City Council Recreation and Open Space Strategy (2005-2015). It is noted this strategy is currently under review.

This plan aims to provide a framework for facility projects over the next 10 years. Specific facility objectives for 2016-2026 that this plan aims to address include:

- Provision of a high performance, synthetic surface football facility
- Provision of sufficient quality football grounds to meet the growth of the sport
- Provide separate playing and training fields for all Wagga-based clubs
- Provide for each club to have a club house with storage, change rooms, toilets and an indoor space
- Provide adequate lighting to meet playing and training needs

The analysis done in the development of this Strategic Plan has identified a number of opportunities for facility projects including

- Upgrading the surfaces of existing fields to allow greater utilisation (ie more playing time per field)
- Utilising currently under-utilised fields. This may require surface and facility upgrades
- Constructing new fields.

Four key facility growth opportunities were identified during the analysis:

1. Capitalising on population growth in Estella/Boorooma/North Wagga by locating a new facility there, possibly associated with a new future club.
2. Capitalising on an identified opportunity with Brunslea Park, who are investigating building a community sports complex at Forest Hill.
3. Realising existing capacity at Rawlings Park and further developing this complex.
4. Realising potential capacity at Kessler Park to cater for expected population growth in southwest Wagga.

Outcomes from the implementation of this Strategic Plan could include:

- Rawlings Park Synthetic Field Development
- Improved playing surfaces at:
 - Rawlings Park
 - Kessler Park
 - Henwood Park

- Jubilee Park

New fields at:

- Boorooma/Estella
- Rawlings Park synthetic

Separate training fields at:

- Henwood Park or Rawlings Park (Henwood Park FC)
- Rawlings 5 (Lake Albert SC)
- Kessler Park (Tolland FC)
- Duke of Kent (Wagga United FC)
- Showgrounds (South Wagga SC)
- Estella/Boorooma (new club or relocated club)
- Gissing Oval & Rawlings Park (WCW and WCW Academy)

New amenities at:

- Rawlings Park
- Kessler Park
- Henwood Park
- Boorooma/Estella

7 dedicated playing only fields with lights:

- Gissing Oval
- Estella/Boorooma
- Rawlings Park 1
- Rawlings Park 6
- Rawlings Park Synthetic
- Kessler Park 1

Dedicated training grounds with lights:

- Showgrounds
- Estella/Boorooma
- Rawlings Park 5
- Kessler Park 2
- Henwood Park
- Duke of Kent 1

1 Introduction

1.1 Background

Football in Wagga Wagga has seen a dramatic turn in recent years, with participation rate growth in 2015 nearly double the NSW average. This, together with the sport being the highest junior participation sport in the region, is putting pressure on existing facilities, many of which are not at a standard where football can be enjoyed to its full potential. Problems with existing fields range from poor drainage, uneven surfaces, lack of grass cover, lack of toilets and change room facilities, lack of storage and canteens, lack of club facilities, and lack of lighting. Compounding this is that most of the playing fields in Wagga are also used for training, often by hundreds of people during the course of a week.

In addition to natural growth in participation, Wagga Wagga now also competes in the NSW Mens State League competition. This competition requires facilities to be of a high standard, and no current football facilities meet the needs of FNSW's regulations. Football Wagga Wagga also has ambitions to enter the Mens Premier Leagues in the future, as well as field a Womens Premier League outfit in the next 5-10 years. These goals further strain already deficient facilities.

Football, despite being the highest participation sport in Wagga, and despite playing at a higher state-wide level than both AFL and Rugby league, has a 2nd rate 'premier facility' and relies upon using a rugby league facility for its Grand Finals. As this facility is not available for use in football during the rest of the year, our premier games are played on substandard fields with poor facilities.

Council developed a Soccer Strategic Plan which was implemented over 3 years and aimed to bring current facilities up to standard. Some of the projects undertaken included:

1. Sand-slit drainage on Rawlings Park fields 1, 2, 3 and 4
2. New lighting on Rawlings 1 (100/200 lux)
3. Upgraded lighting on Rawlings 5 and 6 (100 lux)
4. Upgraded amenity building at Rawlings Park
5. New amenities building at Duke of Kent (underway)
6. New training lighting at Duke of Kent (underway)

In addition, a synthetic field at Rawlings Park was envisaged but never included in budget planning. Projects planned under Council's plan have now been completed, and a new strategic plan is required. This new plan needs to look beyond the immediate needs of the football community, and establish a framework for the next 10 years to guide facility development over that time.

1.2 FFA Strategic Plan

Football Federation Australia (FFA) released its 20 year strategic plan. One of its key objectives is to **improve the experience for all participants**.

This plan aims to improve the experience for all football participants in Football Wagga Wagga competitions.

1.3 Football NSW Facilities Strategic Plan

This plan has been developed in consideration of Football NSW's Facilities Strategic Plan 2014-2016. Specifically, the relevant objectives from that plan have been considered in setting our strategic objectives including:

- A. **Grow, develop and promote our knowledge of facility needs and requirements.** This plan includes an analysis of population growth trends for Wagga Wagga and an analysis of future facility needs.
- B. **Grow, develop and promote our capability to meet our local facility challenges.** This plan identifies the need to work with local stakeholders to meet future facility needs.

- C. **Grow, develop and promote our approach to planning and developing facilities.** This plan has been prepared with the assistance of Football NSW.

This Plan also considers the facilities priorities stated in the Football NSW strategic plan, including:

Priority 1 – Pitches (quality and quantity)

Priority 2 – Lighting

Priority 3 - Irrigation / Drainage / Maintenance

Priority 4 – Amenities

Priority 7 - Season Creep & Facility Sharing

1.4 Wagga Wagga City Council Football Development Strategy 2012

Wagga Wagga City Council (WWCC) released its Soccer Development Strategy in 2012. The strategy analysed the existing football environment in the city and made key recommendations around the following major themes:

- A. Robertson Oval – to be used for major and special events.
- B. Rawlings Park – the home of soccer to be used for major regional events and club matches.
- C. Duke of Kent – to be used for Optus Small Sided Games (minimum three years) and club training.
- D. Other existing facilities – to be used for club training and overflow and junior games.
- E. New synthetic facility (five years plus) – to be used for training and matches and out of season activities and also for non-soccer activities.

This Plan builds upon the Soccer Development Strategy and aims to extend the strategy to the next 10 years.

It is important to note that many of the recommendations made in the Strategy have already been implemented including:

- Improvements to the drainage of Rawlings Park pitches 1, 2, 3 and 4.
- Standardising the dimensions of all senior football pitches in the city.
- Upgrade of the Rawlings Park amenities building.
- Upgrade of the Gissing Oval canteen to meet health department regulations.
- New amenities building at Duke of Kent.

1.5 Wagga Wagga City Council Recreation and Open Space Strategy (2005-2015)

The (currently under review) Recreation and Open Space Strategy (2005-2015) provides a framework for the delivery of open space and recreational facilities in Wagga Wagga. Relevant objectives from this Strategy include:

- 18.5 – Strategic Objective #1 “Provide a diversity of Open Space Settings & Recreation facilities and opportunities”
- 18.6 – Strategic Objective #2 “Provide well used and relevant open space settings and recreation facilities”
- 18.7 – Strategic Objective #3 “Consolidate recreation and sports facility provision and use”
- 18.8 – Strategic Objective #4 “Encourage and support community involvement in sustainable open space and club management and development”
- 18.9 – Strategic Objective #5 “Maximise opportunities for economic development through recreation”
- 18.10 – Strategic Objective #6 “Facilitate Diverse Recreation Program Development”
- 18.11 – Strategic Objective #7 “Provide Effective Management, Support and Resources”

The Strategy also identifies an important objective of Council is to attract events of significance to the city. This Plan includes consideration of this objective.

1.6 Aims of this Plan

This plan aims to provide a framework for facility projects over the next 10 years. Its objectives are to:

1. Outline the facility requirements between 2016-2026
2. Identify facility growth and development opportunities
3. Provide a cohesive and integrated plan for facilities

To provide more clarity, specific facility objectives have been developed which this plan aims to address.

1.7 Facility Objectives

Specific facility objectives for 2016-2026 that this plan aims to address include:

- Provision of a high performance, synthetic surface football facility
- Provision of sufficient quality football grounds to meet the growth of the sport
- Provide separate playing and training fields for all Wagga-based clubs
- Provide for each club to have a club house with storage, change rooms, toilets and an indoor space
- Provide adequate lighting to meet playing and training needs

2 Football Facilities in Wagga Wagga - 2016

A breakdown of existing facilities and their current uses are detailed in Table 1 and shown in Figure 1Figure 1.

Table 1: Existing Football Fields in Wagga Wagga

Facility	Number of Playing Fields	Estimated weekly 'football hours' - winter	Estimated weekly 'football hours' - summer	Number of Dedicated Training Fields	Lights on Playing Field	Lights on Training Field	Used for Playing	Used for Training	Club Use	Winter Sports Share	Summer Sports Share
Gissing Oval	1	18	15	2 (half fields)	Yes	Yes	Yes	Yes	Wagga City Wanderers State League Wagga City Wanderers SAP Wagga City Wanderers Pathways Training	Nil	Nil
Rawlings Park Complex	6	50	10	0	Yes (3 fields)	Yes (3 fields)	Yes	Yes	Henwood Park FC Lake Albert SC Wagga City Wanderers Junior Academy	Nil	Cricket Softball
Kessler Park	1	12	0	2 (not full size)	Yes	Yes	Yes	Yes	Tolland FC	Nil	Nil
Henwood Park	0	12	0	1 (full size)		Yes	No	Yes	Henwood Park FC	Nil	Cricket
The Showgrounds	1	6	0	0	Yes	Yes	Yes	Yes	South Wagga SC	Racing	Racing
Duke of Kent Oval	19 – MiniRoos	16	0	0	No	Yes	Yes (MiniRoos Only)	Yes	Wagga United FC	Nil	Cricket
Forrest Hill	1	2	0	1 (half size)	No	Yes	Yes	No	Nil	Nil	Cricket
Uranquinty	1	0	0	0	No	N/A	Yes	No	Nil	Nil	Cricket

Other fields available for use by football on an as-needs basis include:

- McDonalds Park (Rugby league complex, used for football Grand Finals) and future McDonalds Park 2
- Robertson Oval (AFL premier ground, very limited football opportunity)
- Maher Oval (AFL, used for summer football 6-a-side)
- Jubilee Park (Touch Football, Hockey, opportunity for football)
- Frenches Park (used by football in the past, no longer used)

Photos of the main football complexes are provided below.



Gissing Oval



Rawlings Park



Kessler Park



Duke of Kent Oval

A summary of the above analysis is given below.

Table 2: Summary of full sized fields in Wagga Wagga

Type of Full Sized Field	Number
Playing Fields with Lights	6
Playing Fields without Lights	5
Training-only Fields	1

Existing clubs in Wagga Wagga are detailed in Table 3.

Table 3: Existing Wagga Wagga-based clubs and their 2016 registrations

Club	2016 Registrations
Lake Albert Soccer Club	574
Tolland Football Club	461
Wagga United Football Club	515
Henwood Park Football Club	430
South Wagga	121

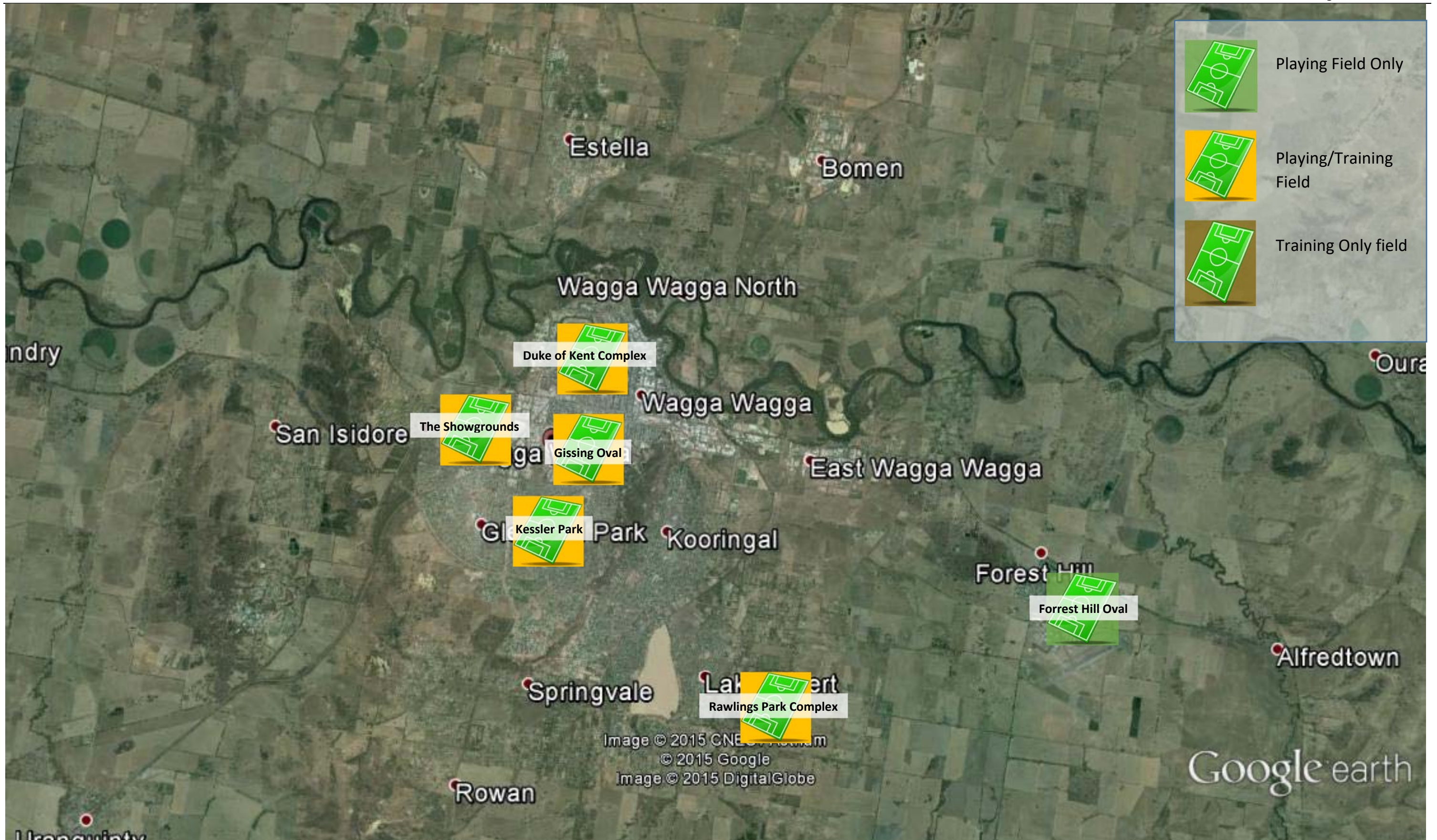


Figure 1: Existing Football Facilities in Wagga Wagga

3 Participation Growth 2016-2026

3.1 Projected Population Growth in Wagga Wagga 2015-2035

The Australian Bureau of Statistics estimates that the population of Wagga Wagga will grow at 25% (63,851 to 80,410) over the next 20 years (2015-2035). A breakdown of growth by suburb is provided by the ABS. This data was used to analyse the likely growth areas in Wagga Wagga. A map showing these growth areas is provided in Figure 2.

Table 4: Population Growth Forecasts for Wagga (Bureau of Statistics)

Region	Population in 2015	Population in 2025	Change	Current FWW Club 'Catchment'
North Wagga / Estella	4214	7937	3723	Wagga United
Lloyd	2978	5251	2273	Tolland / South Wagga
Central / Turvey Park	7749	8658	909	Wagga United
Forest Hill	2976	3571	595	Henwood Park / Lake Albert
Koorngal / Lake Albert	13830	14292	462	Henwood Park / Lake Albert
Mount Austin / Tolland	4200	4356	156	Tolland / South Wagga
Bourkelands / Tatton	5442	5427	-15	Tolland / Lake Albert
Ashmont / Glenfield Park	9647	9488	-159	Tolland / Wagga United

3.2 Projected Football Participation Growth 2016-2026

Football NSW estimates that participation across NSW rose 7% in 2015. In Wagga Wagga, the growth was 12% in 2015 and 15% in 2016. In the Riverina, the growth was 3.23%. To estimate the likely facility requirements in 2025, a model was developed which calculated growth in each age group (u5-AA) factoring in a combination of retention and new registrations. Three scenarios were modelled (LOW, MEDIUM, HIGH) to give an estimate of the range of growth which may be observed between 2016-2026. A detailed methodology of these projections is provided in Appendix 1 – Modelling Methodology.

Table 5: Participation growth forecast for Wagga Wagga

	2016 Participation	2025 LOW Forecast	2025 MEDIUM Forecast	2025 HIGH Forecast
Participation	2412	2801	3632	3964

For the remainder of this Strategic Plan, the MEDIUM participation growth model has been adopted.

3.3 Field Capacity Analysis 2016-2026

A detailed model has been developed to analyse the impact of the projected participation growth on existing facility capacity. The model involves three key steps:

1. Use the participation rate to determine the likely number of teams across all age groups (u5-AA)
2. Based on the number of teams per age groups, and considering the number of time slots available, determine the field-demand for the next 10 years

3. Analyse this demand against the expected field capacity. The expected field capacity was determined by calculating the total number of time-slots each field is available for each age group by the number of available fields. An adjustment factor was included to account for ground closures due to preservation management. **Importantly, the strategic objective of separating playing from training fields was incorporated into this model.** Hence, the following fields were included in this analysis:
- MiniRoos = assumes the same ground setup as 2016
 - Juniors: Assumes 7 fields (5 x Rawlings Park, 1 x Forest Hill, 1 x Out of Town (June))
 - Seniors: Assumes 11 grounds (5 x Rawlings Park, 1 x Forest Hill)
For seniors, the number of fields required has been reduced by 5 to reflect the current 5 out of town clubs participating in the FWW competition

A detailed methodology of these projections for the MEDIUM scenario is provided in Appendix 1 – Modelling Methodology. ***For the remainder of this Strategic Plan, the MEDIUM field requirement model has been used.***

Table 6: Field Capacity Analysis 2025

	2016 Capacity ¹	2016 Field Demand	2026 MEDIUM Forecast Field Demand
MiniRoos	81	68	75
Junior Competition	17.5	18	24
Senior Competition	33	13	38

MiniRoos

Under the MEDIUM forecast scenario, the demand for more time slots/grounds is unlikely to exceed the capacity at Duke of Kent Oval.

Junior and Senior Football

The modelling shows that under the MEDIUM scenario, demand for fields will outstrip availability by 2025.

¹ Capacity is calculated by multiplying the total available fields by the total available time slots. The modelling includes an adjustment factor for wet weather and ground preservation management (50% rotation).

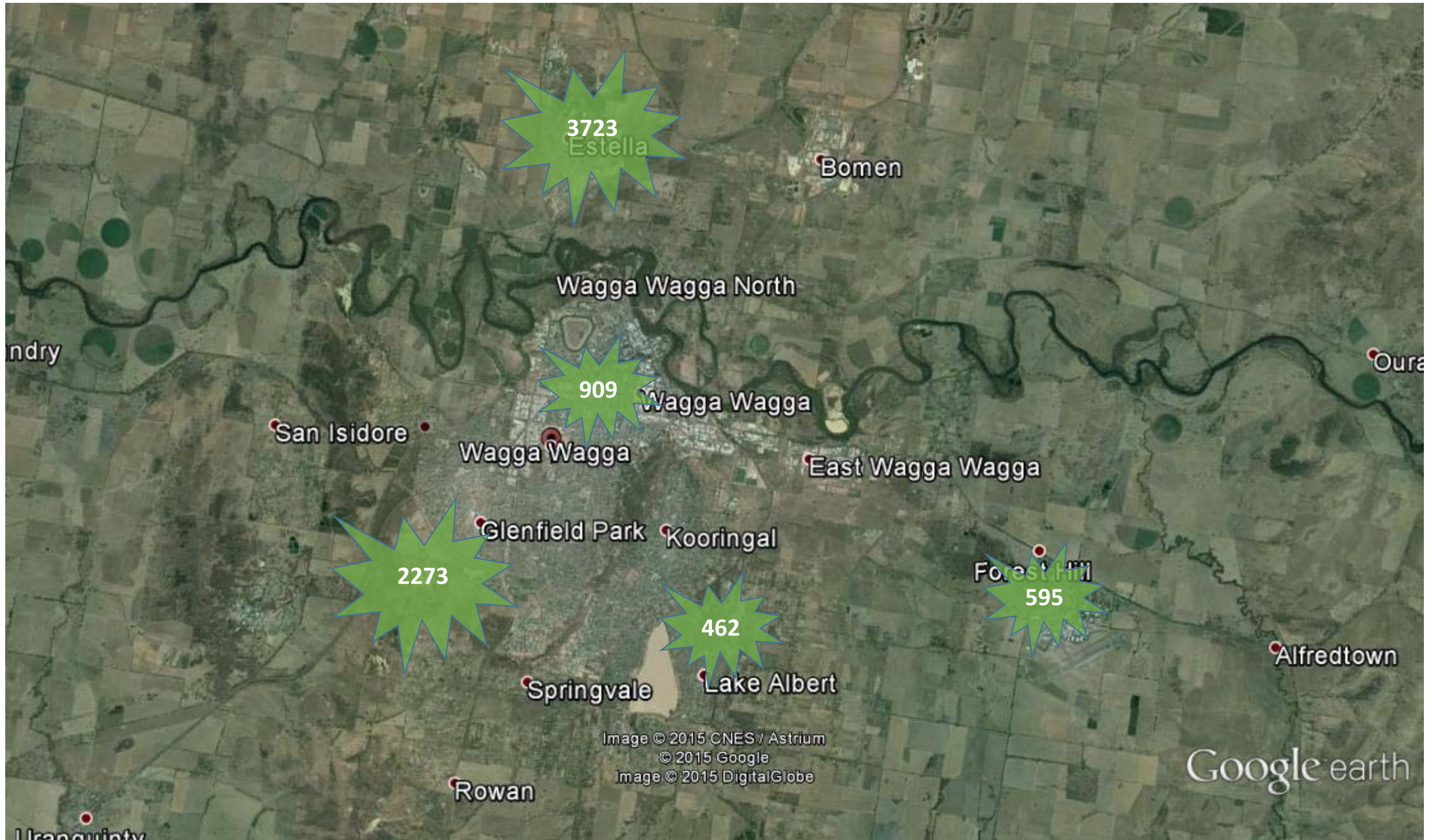


Figure 2: Top 5 Growth Centres 2016-2026

4 Facility Requirements 2016-2026

4.1 General

It is clear from the projected growth modelling, and the facility capacity analysis, that new and/or upgraded facilities will be required over the next 10 years. The Do Nothing option will result in insufficient fields being available and the condition of those fields will deteriorate rapidly during the season. This can be met in several ways:

- Upgrading the surfaces of existing fields to allow greater utilisation (ie more playing time per field)
- Utilising currently under-utilised fields. This may require surface and facility upgrades
- Constructing new fields.

An analysis has been conducted to identify opportunities for facilities in Wagga Wagga. This was based on a number of considerations:

1. Identifying the population growth centres
2. Identifying current and potential future development partnerships
3. Capitalising on existing facilities and maximising their use and function within known constraints

4.2 Facility Growth Opportunities

Four key growth opportunities were identified in the analysis:

5. Capitalising on population growth in Estella/Boorooma/North Wagga by locating a new facility there, possibly associated with a new future club.
6. Capitalising on an identified opportunity with Brunslea Park, who are investigating building a community sports complex at Forest Hill.
7. Realising existing capacity at Rawlings Park and further developing this complex.
8. Realising potential capacity at Kessler Park to cater for expected population growth in southwest Wagga.

These are diagrammatically shown in Figure 3.

4.3 Facility Development Opportunities 2016-2026

Proposed facility development opportunities that have been identified which would meet the 2016-2026 growth requirements are detailed in Table 7. These opportunities could be realised to satisfy the Facility Objectives outlined in Section 1.7.

Table 7: Facility Development Opportunities 2016-2026

Location	Opportunity	Possible Operating Outcomes
New Facilities		
Estella / Boorooma	New sporting fields	Playing field(s)
	New club / relocation of existing club	Training field(s) New club
Existing Facilities		
Rawlings Park Football Complex	New fields	Separate training / playing fields
	Upgrade of playing surfaces	Reduce deterioration of existing fields
	New lighting	Additional full-size field

Location	Opportunity	Possible Operating Outcomes
		Possible synthetic option
Kessler Park	Upgrade of playing surfaces New lighting	Separate training / playing field Increased use of existing field
Duke of Kent Oval	Re-establish full-size playing fields Utilise the new lighting	Would require MiniRoos to be relocated
Jubilee Park	Fields not used during winter could be used by football. Existing amenities suitable for football. Significant drainage issues would first need to be addressed.	Possible relocation of MiniRoos
Showgrounds	Additional field	Additional full-sized field

These opportunities, together with the existing facilities in Wagga Wagga, are shown in Figure 4.

4.4 Brunslea Park

Football Wagga Wagga has had early discussions with the developers of the residential estate, Brunslea Park, near Forest Hill. The Master Plan for this estate includes a sporting complex. The sporting facility could include a premier stadium, amenities, playing fields and indoor facilities. It is possible that this complex may be constructed, however it would require significant local and state support. This facility could form part of a future mix of football grounds across the region. However, with a high level of uncertainty surrounding the viability of this project, this Strategic Plan does not consider this facility any further. Should opportunities to work with the developer arise in future, Football Wagga Wagga would investigate opportunities for the sport.



Figure 3: Opportunities for Facility Growth

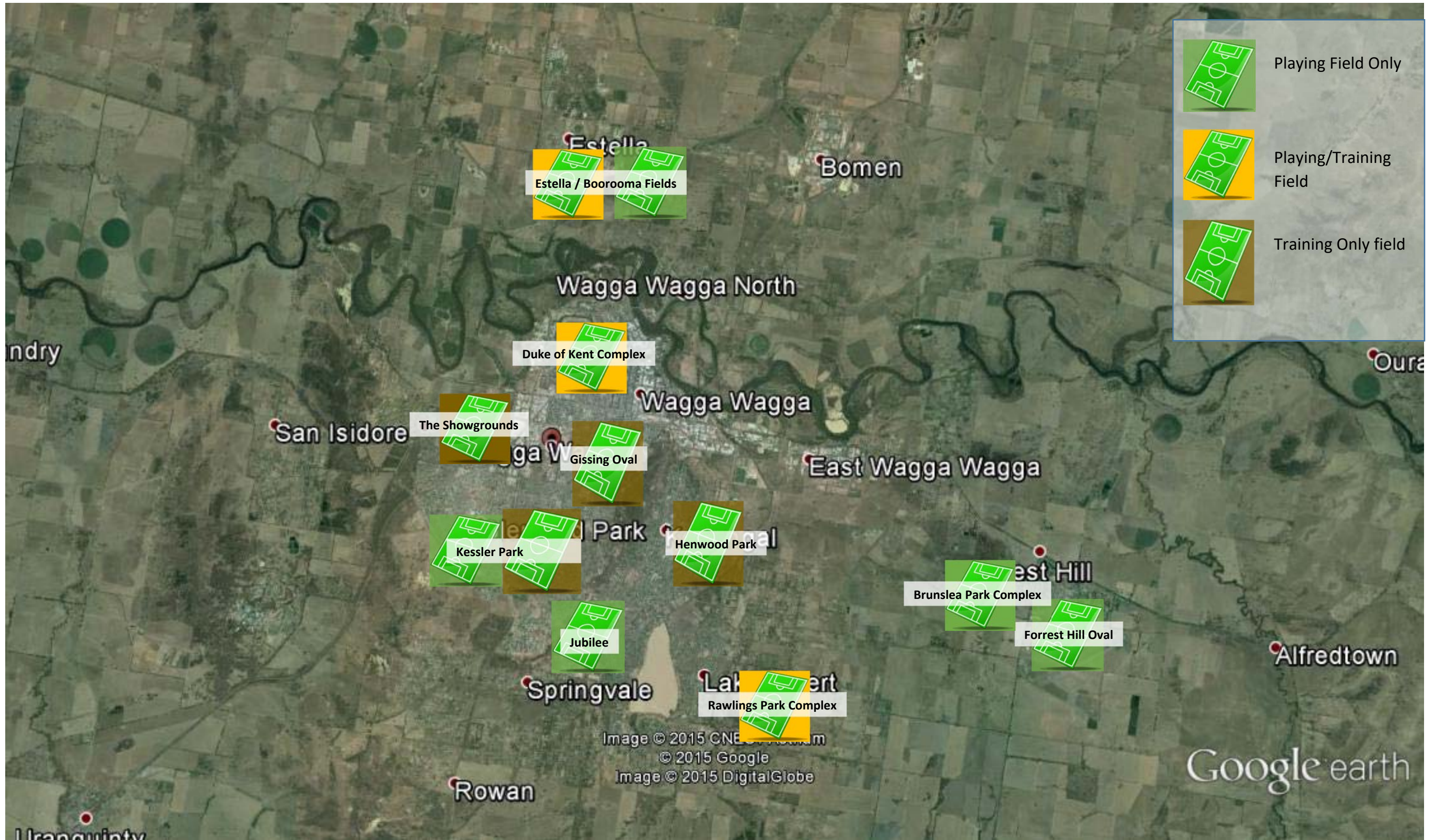


Figure 4: Football Facilities in Wagga Wagga in 2025

5 Facilities Strategic Plan 2016-2026

5.1 Facilities 2016-2026

Based on the analysis conducted in this Plan, a strategic plan for facilities is provided below. The strategic plan aims to meet the objectives including:

- Provision of a high performance, synthetic surface football facility
- Provision of sufficient quality football grounds to meet the growth of the sport
- Provide separate playing and training fields for all Wagga-based clubs
- Provide for each club to have a club house with storage, change rooms, toilets and an indoor space
- Provide adequate lighting to meet playing and training needs

Facility	Primary User	Primary Use
Estella/Boorooma Football Fields	New club or relocated existing club	New club 1 x training field 1 x playing field
Rawlings Park Football Complex	Lake Albert SC (Training) Lake Albert SC (Home Ground) Wagga City Wanderers Academy (Training) Football Wagga Wagga Senior (High Performance Playing Ground) Football Wagga Wagga Junior Competitions	1 x Synthetic Field (playing and training) 1 x Training Field (Lake Albert SC) 2 x Playing Field (including Lake Albert SC home ground) 3 x Junior Playing Fields 1 x training field (WCW Academy)
Henwood Park OR Rawlings Park	Henwood Park FC (training) Henwood Park FC (Home Ground)	1 x training field 1 x playing Field
Gissing Oval	Wagga City Wanderers (Playing)	1 x playing field for WCW 2 x training field for WCW and SAP
Kessler Park	Tolland FC (Training and playing)	1 x training field 1 x Playing Field
Showgrounds	South Wagga SC (Training and Playing)	1 x training field 1 x playing field
Duke of Kent	Wagga United FC	1 x training field 2 x playing fields (Wagga United FC home ground)
Jubilee Park	MiniRoos	~20 playing fields for MiniRoos

5.2 Analysis of Facility Objectives

An analysis of the facility development projects against the Facility Objectives of this Plan has been undertaken (Table 8).

Table 8: How the Facility Objectives have been met

Facility Objective	How Met under this Plan
Provision of a high performance, synthetic surface football facility	Rawlings Park Synthetic Field Development
Provision of sufficient quality football grounds to meet the growth of the sport	<p>Improved playing surfaces at:</p> <ul style="list-style-type: none"> • Rawlings Park • Kessler Park • Henwood Park • Jubilee Park <p>New fields at:</p> <ul style="list-style-type: none"> • Boorooma/Estella • Rawlings Park synthetic
Provide separate playing and training fields for all Wagga-based clubs	<p>Separate training fields at:</p> <ul style="list-style-type: none"> • Henwood Park or Rawlings Park (Henwood Park) • Rawlings 5 (Lake Albert) • Kessler Park (Tolland) • Duke of Kent (Wagga United) • Showgrounds (South Wagga) • Estella/Boorooma (new club or relocated club) • Gissing Oval & Rawlings Park (WCW and WCW Academy)
Provide for each club to have a club house with storage, change rooms, toilets and an indoor space	<p>New facilities at:</p> <ul style="list-style-type: none"> • Rawlings Park • Kessler Park • Henwood Park • Boorooma/Estella
Provide adequate lighting to meet playing and training needs	<p>7 dedicated playing only fields with lights:</p> <ul style="list-style-type: none"> • Gissing Oval • Estella/Boorooma • Rawlings Park 1 • Rawlings Park 6 • Rawlings Park Synthetic • Kessler Park 1 <p>Dedicated training grounds with lights:</p> <ul style="list-style-type: none"> • Showgrounds • Estella/Boorooma • Rawlings Park 5 • Kessler Park 2 • Henwood Park • Duke of Kent 1

Appendix 1 – Modelling Methodology

Participation Growth Rates

The model used to predict future participation rates calculates the expected participation per age group based on a number of parameters and assumptions. The basis for these assumptions are:

1. There is a level of retention of players per year. This has been factored into the modelling (known as the **churn rate**)
2. There is a level of growth (or negative growth).

The following assumptions were made with regard to the LOW GROWTH model:

	LOW	MEDIUM	HIGH
Under 5 and Under 6	3% growth each year	3% growth each year	3% growth each year
Under 7 to Under 10	Retention only	Retention only	Retention only
Under 11 to Under 16	Use 3-year FNSW average churn rate (-25%)	Use average churn rate experienced by FWW over past 3 seasons (-5%)	Retention only
All Age	0% growth rate plus add 50% of the u16 registrations	3% growth rate plus add 50% of the u16 registrations	3% growth rate plus add 50% of the u16 registrations

Results of Modelling – Low growth

PLAYER REGISTRATIONS																	
	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	AA	TOTAL	MiniRoos	Juniors	Seniors
2014	109	155	162	181	137	113	127	124	115	89	82	59	379	1832	984	469	379
2015	87	208	187	188	164	168	141	123	118	107	73	73	634	2271	1143	494	634
2016	97	165	261	199	181	178	139	128	116	96	115	72	665	2412	1220	527	665
<i>Growth Factor</i>	3%	3%	0%	0%	0%	0%	-25%	-25%	-25%	-25%	-25%	-25%	3.00%				
2017 Forecast	100	170	165	261	199	181	134	104	96	87	72	86	721	2376	1209	446	721
2018 Forecast	103	175	170	165	261	199	136	100	78	72	65	54	786	2364	1209	370	786
2019 Forecast	106	180	175	170	165	261	149	102	75	59	54	49	836	2381	1207	338	836
2020 Forecast	109	186	180	175	170	165	196	112	76	56	44	41	886	2396	1181	329	886
2021 Forecast	112	191	186	180	175	170	124	147	84	57	42	33	933	2434	1138	363	933
2022 Forecast	116	197	191	186	180	175	127	93	110	63	43	32	977	2490	1173	341	977
2023 Forecast	119	203	197	191	186	180	131	96	70	83	47	32	1022	2557	1208	327	1022
2024 Forecast	123	209	203	197	191	186	135	98	72	52	62	35	1069	2633	1244	320	1069
2025 Forecast	127	215	209	203	197	191	139	101	74	54	39	46	1119	2715	1281	315	1119
2026 Forecast	130	222	215	209	203	197	143	104	76	55	40	29	1176	2801	1320	306	1176

Results of Modelling – Medium growth

PLAYER REGISTRATIONS	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	AA	TOTAL	MiniRoos	Juniors	Seniors
	2014	109	155	162	181	137	113	127	124	115	89	82	59	379	1832	984	469
2015	87	208	187	188	164	168	141	123	118	107	73	73	634	2271	1143	494	634
2016	97	165	261	199	181	178	139	128	116	96	115	72	665	2412	1220	527	665
<i>Growth Factor</i>	3%	3%	0%	0%	0%	0%	-5%	-5%	-5%	-5%	-5%	-5%	3%				
2017 Forecast	100	170	165	261	199	181	169	132	122	110	91	109	721	2530	1245	564	721
2018 Forecast	103	175	170	165	261	199	172	161	125	116	105	87	797	2635	1245	593	797
2019 Forecast	106	180	175	170	165	261	189	163	153	119	110	99	864	2755	1246	644	864
2020 Forecast	109	186	180	175	170	165	248	180	155	145	113	104	940	2870	1233	697	940
2021 Forecast	112	191	186	180	175	170	157	236	171	147	138	108	1020	2991	1171	799	1020
2022 Forecast	116	197	191	186	180	175	161	149	224	162	140	131	1105	3117	1207	806	1105
2023 Forecast	119	203	197	191	186	180	166	153	141	213	154	133	1203	3241	1243	794	1203
2024 Forecast	123	209	203	197	191	186	171	158	146	134	202	146	1306	3372	1280	786	1306
2025 Forecast	127	215	209	203	197	191	176	163	150	138	128	192	1418	3508	1319	771	1418
2026 Forecast	130	222	215	209	203	197	182	168	155	143	132	121	1557	3632	1358	718	1557

Results of Modelling – High growth

PLAYER REGISTRATIONS																	
	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	AA	TOTAL	MiniRoos	Juniors	Seniors
2014	109	155	162	181	137	113	127	124	115	89	82	59	379	1832	984	469	379
2015	87	208	187	188	164	168	141	123	118	107	73	73	634	2271	1143	494	634
2016	97	165	261	199	181	178	139	128	116	96	115	72	665	2412	1220	527	665
<i>Growth Factor</i>	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%				
2017 Forecast	100	170	165	261	199	181	178	139	128	116	96	115	721	2569	1254	594	721
2018 Forecast	103	175	170	165	261	199	181	178	139	128	116	96	800	2711	1254	657	800
2019 Forecast	106	180	175	170	165	261	199	181	178	139	128	116	872	2870	1256	742	872
2020 Forecast	109	186	180	175	170	165	261	199	181	178	139	128	956	3027	1246	825	956
2021 Forecast	112	191	186	180	175	170	165	261	199	181	178	139	1049	3187	1180	958	1049
2022 Forecast	116	197	191	186	180	175	170	165	261	199	181	178	1150	3349	1215	984	1150
2023 Forecast	119	203	197	191	186	180	175	170	165	261	199	181	1273	3501	1252	976	1273
2024 Forecast	123	209	203	197	191	186	180	175	170	165	261	199	1402	3661	1289	970	1402
2025 Forecast	127	215	209	203	197	191	186	180	175	170	165	261	1544	3823	1328	951	1544
2026 Forecast	130	222	215	209	203	197	191	186	180	175	170	165	1720	3964	1368	876	1720

Facility Requirements – MEDIUM growth modelling

Prediction of Number of Teams

NUMBER OF TEAMS																
	U5/6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	AA	TOTAL	MiniRoos	Juniors	Seniors
2014	38	23	18	14	9	8	8	8	6	5	4	21	163	111	31	21
2015	42	27	19	16	14	9	8	8	7	5	5	35	196	127	33	35
2016	37	37	20	18	15	9	9	8	6	8	5	37	209	137	35	37
2017 Forecast	39	24	26	20	15	11	9	8	7	6	7	40	212	134	38	40
2018 Forecast	40	24	17	26	17	11	11	8	8	7	6	44	218	135	40	44
2019 Forecast	41	25	17	17	22	13	11	10	8	7	7	48	225	134	43	48
2020 Forecast	42	26	18	17	14	17	12	10	10	8	7	52	231	133	46	52
2021 Forecast	43	27	18	18	14	10	16	11	10	9	7	57	240	130	53	57
2022 Forecast	45	27	19	18	15	11	10	15	11	9	9	61	249	134	54	61
2023 Forecast	46	28	19	19	15	11	10	9	14	10	9	67	258	138	53	67
2024 Forecast	47	29	20	19	15	11	11	10	9	13	10	73	267	142	52	73
2025 Forecast	49	30	20	20	16	12	11	10	9	9	13	79	277	146	51	79
2026 Forecast	50	31	21	20	16	12	11	10	10	9	8	86	285	151	48	86

Model of predicted fields to sustain future competitions

NUMBER OF FIELDS TO SUSTAIN COMPETITION																
	U5/6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	AA*	TOTAL	MiniRoos	Juniors	Seniors
2014	19	12	9	7	5	4	4	4	3	3	2	6	76	55	16	6
2015	21	13	9	8	7	5	4	4	4	2	2	13	93	64	16	13
2016	19	19	10	9	7	5	4	4	3	4	2	13	99	68	18	13
2017 Forecast	19	12	13	10	8	6	4	4	4	3	4	15	101	67	19	15
2018 Forecast	20	12	8	13	8	6	5	4	4	3	3	17	104	67	20	17
2019 Forecast	20	13	8	8	11	6	5	5	4	4	3	19	107	67	21	19
2020 Forecast	21	13	9	8	7	8	6	5	5	4	3	21	111	66	23	21
2021 Forecast	22	13	9	9	7	5	8	6	5	5	4	23	115	65	27	23
2022 Forecast	22	14	9	9	7	5	5	7	5	5	4	26	120	67	27	26
2023 Forecast	23	14	10	9	8	6	5	5	7	5	4	28	124	69	26	28
2024 Forecast	24	14	10	10	8	6	5	5	4	7	5	31	129	71	26	31
2025 Forecast	24	15	10	10	8	6	5	5	5	4	6	34	133	73	26	34
2026 Forecast	25	15	10	10	8	6	6	5	5	4	4	38	138	75	24	38

* - Adjusted (-5) for out of town clubs

Model of predicted number of fields required

ANALYSIS OF FIELD REQUIREMENTS												
	U5/6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	AA
2016 Playing Fields	9	9	5	5	4	4	7	7	7	7	7	11
Availability Factor**	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
Time Slots	3	2	2	2	2	2	1	1	1	1	1	6
Total Capacity	27	18	10	10	8	8	3.5	3.5	3.5	3.5	3.5	33
Required Capacity 2025	25	15	10	10	8	6	6	5	5	4	4	38
2017 Forecast FIELD DEFICIT	8	6	-3	0	0	2	-1	-1	-0	0	-0	18
2018 Forecast FIELD DEFICIT	7	6	2	-3	-0	2	-2	-1	-0	0	1	16
2019 Forecast FIELD DEFICIT	7	5	2	2	-3	2	-2	-2	-0	-0	0	14
2020 Forecast FIELD DEFICIT	6	5	1	2	1	-0	-2	-2	-1	-0	0	12
2021 Forecast FIELD DEFICIT	5	5	1	1	1	3	-4	-2	-1	-1	-0	10
2022 Forecast FIELD DEFICIT	5	4	1	1	1	3	-1	-4	-2	-1	-1	7
2023 Forecast FIELD DEFICIT	4	4	0	1	0	2	-2	-1	-4	-2	-1	5
2024 Forecast FIELD DEFICIT	3	4	0	0	0	2	-2	-1	-1	-3	-1	2
2025 Forecast FIELD DEFICIT	3	3	-0	0	0	2	-2	-2	-1	-1	-3	-1
2026 Forecast FIELD DEFICIT	2	3	-0	-0	-0	2	-2	-2	-1	-1	-1	-5
Availability Factor	This relates to the availability of fields each week. 100% availability has been assumed for MiniRoos. 50% availability has been assumed for other competitions to allow for weekly rotation of grounds											
Field Deficit	A Negative number indicates capacity has been exceeded											