

Sports Facilities Calculator

The Sports Facility Calculator (SFC) can help quantify the additional demand for key community sports facilities created by a new population.

The calculator is designed to estimate the demand for sports facilities created by a new community as part of a residential development. It also provides an estimated cost value for the new facilities that demand has created. It helps to answer questions such as:

- “How much additional demand for swimming will the population of a new development area generate?”
- “What would the cost be to meet this new demand at today’s values?”

The SFC is hosted on Sport England’s Active Places Power website: www.activeplacespower.com. For more details see the Tool Guide: <https://www.support.activeplacespower.com/pages/sportsfacilitiescalculator>

Criteria

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

Area of Interest: North Hertfordshire

Population demand estimated for: 552

Adjusted Demand: No

Swimming Pools: 0%

Artificial Grass Pitches: 0%

Indoor Bowls: 0%

Sports Halls: 0%

Outdoor Tennis Courts: 0%

Adjust Default Population Profile: No

Results

Date generated: 28/04/2026

Swimming Pools	
Demand adjusted by	0%
Square meters	6.05
Lanes	0.11
Pools	0.03
vpwpp	37
Cost	£143,747

Sports Halls	
Demand adjusted by	0%
Courts	0.13
Halls	0.03
vpwpp	39
Cost	£110,607

Outdoor Tennis Courts	
Demand adjusted by	0%
Courts	0.07
vpwpp	11
Cost	£9,068

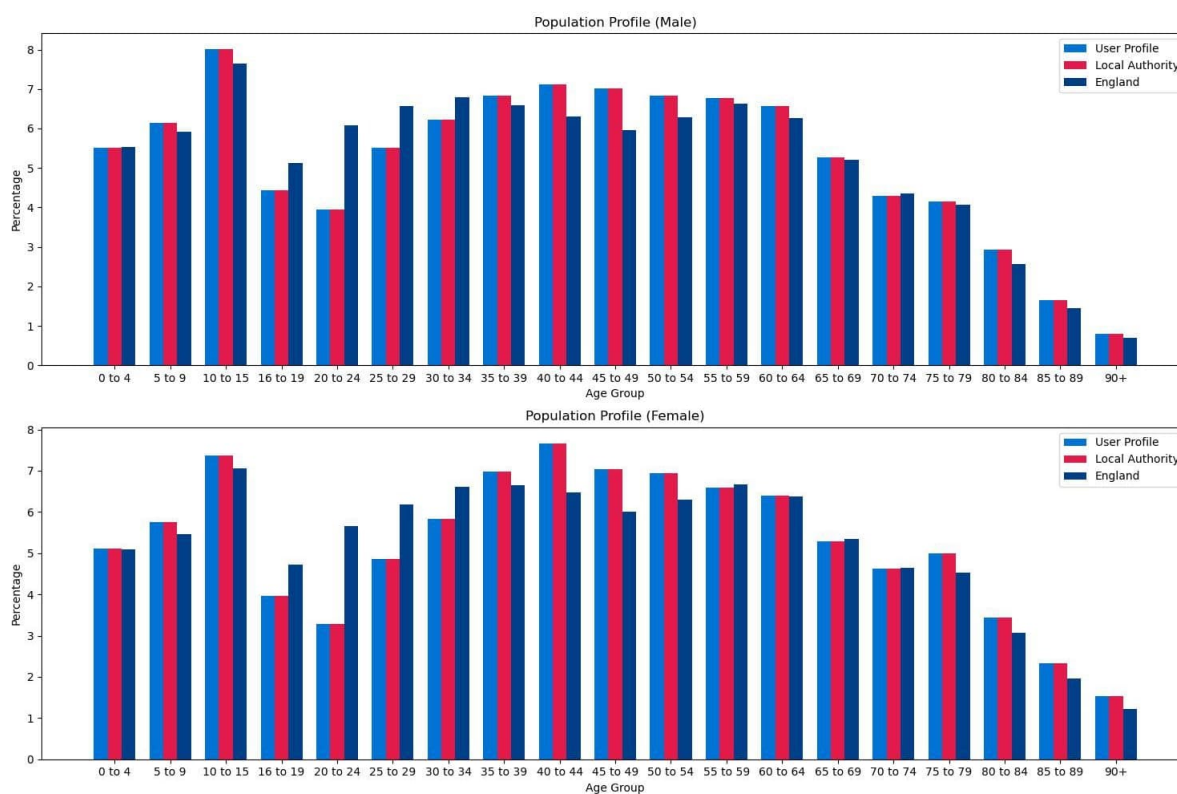
Indoor Bowls Centres	
Demand adjusted by	0%
Rinks	0.01
Centres	0
vpwpp	2
Cost	£4,824

Population Profile

Table

Age Group (Years)	Current Calculation		Area of Interest Default		England	
	Male (%)	Female (%)	Male (%)	Female (%)	Male (%)	Female (%)
0 – 4	5.51	5.11	5.51	5.11	5.54	5.09
5 – 9	6.15	5.75	6.15	5.75	5.91	5.46
10 – 15	8.01	7.36	8.01	7.36	7.64	7.06
16 – 19	4.44	3.97	4.44	3.97	5.12	4.73
20 – 24	3.94	3.29	3.94	3.29	6.09	5.66
25 – 29	5.51	4.85	5.51	4.85	6.57	6.18
30 – 34	6.23	5.83	6.23	5.83	6.79	6.61
35 – 39	6.83	6.98	6.83	6.98	6.58	6.64
40 – 44	7.11	7.67	7.11	7.67	6.3	6.47
45 – 49	7.02	7.03	7.02	7.03	5.96	6
50 – 54	6.83	6.94	6.83	6.94	6.28	6.3
55 – 59	6.77	6.6	6.77	6.6	6.62	6.66
60 – 64	6.56	6.4	6.56	6.4	6.27	6.37
65 – 69	5.27	5.29	5.27	5.29	5.21	5.35
70 – 74	4.29	4.63	4.29	4.63	4.36	4.64
75 – 79	4.14	5	4.14	5	4.07	4.53
80 – 84	2.94	3.43	2.94	3.43	2.56	3.06
85 – 89	1.66	2.33	1.66	2.33	1.44	1.96
90+	0.79	1.54	0.79	1.54	0.69	1.23

Population Profile Comparison



Population and Cost Data Sources

The SFC uses the following default data sources which are updated annually:

Population data

Office of National Statistics

2025 population projections, based on the 2021 Census data and modified by the 2018-based subnational population projections for Local Authorities. Adapted from data from the Office for National Statistics licensed under the Open Government Licence v3.0. For further information visit: [ONS Population Projections webpage](#).

Greater London Authority

2025 London Borough projections are modified by Greater London Authority (GLA) 2022-based Demographic Projections – ward populations, identified capacity scenario, © GLA, 2022. For further information visit: [Greater London Authority Housing-led Population Projections webpage](#).

Cost Data

Capital Costs

Sport England's 3rd Quarter 2025 facility cost updates. For further information, visit: [Sport England Facility Costs Guidance](#).

Cost Variations

Building Cost Information Service (BCIS) (all-in Tender Price Index) pricing adjustment factors (2025). For further information, visit [Building Cost Information Service website](#).

Definitions

The definitions and units expressed in the report outputs are:

Swimming Pools

Square meters: Water space area (square metres)

Lanes: Swimming pool (main/general) lane equivalents (25m x 2.125m)

Pools: 4-lane (25m x 8.5m) Swimming Pool equivalents

vpwpp: Visits per week in the peak period

Cost: Estimated cost to build specified 5-lane Swimming Pool equivalents (25m x 10.5m). A 5-lane pool size is chosen to ensure a representative cost, that is, a 4-lane pool cost is not underestimated (by applying a 6-lane cost) and/or a 6-lane pool overestimated (by applying a 4-lane cost).

Sports Halls

Courts: Badminton court equivalents (Main Sports Hall)

Halls: 4-court Main Sports Hall (34.5m x 20m) equivalents

vpwpp: Visits per week in the peak period

Cost: Estimated cost to build specified 4-court Main Sport Hall (34.5m x 20m) equivalents.

Artificial Grass Pitches

Pitches: Full size AGP equivalent, where a pitch has minimum dimensions of 102m x 63m

vpwpp: Visits per week in the peak period

Cost if 3G: Estimated cost to build specified pitch equivalents. Costs are based on a senior football pitch size (106m x 70m), 60mm longer pile artificial grass carpet with fencing and artificial sports lighting.

Cost if Sand: Estimated cost to build specified pitch equivalents. Costs are based on pitch size of 106m x 70m, 23mm sand filled with fencing and artificial sports lighting.

Outdoor Tennis Courts

Courts: Outdoor tennis court equivalents.

vpwpp: Visits per week in the peak period

Cost: Estimated cost to build specified court equivalents. Costs are based on a four court (26.58 x 64.01m) macadam and fenced facility with artificial sports lighting.

Indoor Bowls

Rinks: Indoor bowl rink

Centres: 6-rink Indoor Bowls Centre equivalents

vpwpp: Visits per week in the peak period

Cost: Estimated cost to build specified 6-rink Indoor Bowls Centre equivalents