

Needs Assessment for Outdoor Sports Facilities,
Killingworth, CT

April 22, 2004

Table 3.2 - Level-of-Service Analysis: Year 2014

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
Sport	User Group	Age Bracket (inclusive of both sexes unless indicated otherwise)	School Grade Bracket	Projected (2014) Sample Size (Approx. population in age bracket)	Participation Rate Based on Current (2004) Levels (per sports leagues)	Projected Level of Participation (E X F)	Typical or Recommended Team Size	No. of Teams Recommended to Meet Projected Demand (G/H)	Suggested No. of teams per field	No. of Fields Req'd to Meet Projected Demand (I/J)	No. of Fields in Existing (2004) Supply ¹	Field Surplus or (Deficit) (L minus K)	No. of Fields Existing & Proposed ¹	Field Surplus or (Deficit) After Proposed Construction (N minus K)	
Softball (60' Baseline):															
	Softball Minors	9 to 10 (girls)	4, 5	118	25.9%	31									
	Softball Majors	11 to 12 (girls)	6, 7	107	28.7%	31									
	Softball Juinior Div.	13 to 14 (girls)	8, 9	109	7.6%	8									
	Adult	30 to 39 (Men)		671	1.1%	7									
	Sub-Total Softball			1,006		77	13	5.9	3	2.0	0.3	(1.7)	1.5	(0.5)	
Little League Baseball (60' Baseline):															
	LL Baseball- Minors	9 to 10 (boys)	4, 5	118	61.8%	73									
	LL Baseball- Majors	11 to 12 (boys)	6, 7	107	68.3%	73									
	Sub-Total 60' Baseball			225		146	12	12.2	3	4.1	1.5	(2.6)	4.5	0.4	
Baseball (90' Baseline):															
	Baseball Junior Div.	13 to 14 (boys)	8, 9	109	35.7%	39									
	Babe Ruth Baseball	15 to 17 (boys)	10, 11, 12	122	11.6%	14									
	Sub-Total 90' Baseball			231	23.0%	53	12	4.4	3	1.5	0.7	(0.8)	0.8	(0.7)	
T-Ball & Instructional Baseball/ Softball:															
	T-Ball	5, 6 (B&G)	K, 1	201	25.8%	52									
	Instructional Baseball	7,8 (boys)	2, 3	107	71.5%	77									
	Instructional Softball	7,8 (girls)	2, 3	107	44.0%	47									
	Sub-Total Instructional			416	42.3%	176	8	22.0	6	3.7	2.0	(1.7)	3.0	(0.7)	
Youth Soccer: <i>(the participation rates and no. of teams relate only to youth from Killingworth; approx. 50% of total participation)</i>															
Haddam-Killingworth Youth Soccer League (HKYSL):															
	Instructional	5 - 6 (Girls & Boys)	K - 1	201	14.7%	30									
	Division I G	7 - 8 (Girls)	2 to 3	107	46.2%	50									
	Division I B	7 - 8 (Boys)	2 to 3	107	61.6%	66									
	Subtotal (HKYSL) Half-Size Fields			416		145	14	10.4							
	Division II G	9 - 10 (Girls)	4 to 5	118	27.9%	33									
	Division II B	9 - 10 (Boys)	4 to 5	118	41.9%	50									
	Division III G	11 - 13 (Girls)	6, 7, 8	169	9.8%	17									
	Division III B	11 - 13 (Boys)	6, 7, 8	169	19.6%	33									
	Subtotal HKYSL)			574		132	14	9.4							
H-K Youth Soccer Club (HKYSC):															
	U-10	7 to 10		451											
	U-12	11 to 12		214											
	U-14	13 to 14		218											
	U-16	15 to 16		176											
	U-19	17 to 19		177											
	Subtotal (HKYSC)			1,237	10.5%	130	14	9.3							
	Subtotal Youth Soccer at Full-Size Fields														
Adult Soccer															
	Over 40 Men	35 to 49 Men		1,123											
	Over 25 Women	25 to 49 Women		1,511											
				2,634	1.3%	35	15	2.4							
Football: <i>Tri-Town Football (originally Chester, Deep River and Essex, but now incl. Haddam & Killingworth youth)</i>															
	Tri-Town Football ³							1.0							
LaCrosse: <i>Youth from the towns of Clinton and Killingworth play in this club.</i>															
	LaCrosse Club ²							1.0							
Field Hockey:															
	Total Multi-purpose Fields (Field Hockey, Football, Lacrosse, Soccer)						165		33.4	5.4	6.2	2.4	(3.8)	7.5	1.3

¹ From Table titled "Inventory of Existing and Proposed Outdoor Sports Facilities, Killingworth CT". H-K Regional outdoor sports fields are counted at only 15% to factor the limited availability of these facilities due to use by another town and the school programs; similarly, fields that are superimposed over each other (e.g. baseball field that has a soccer field overlaying its outfield) are only counted at 50%.

² Since fall is the most intensive season of use for multi-purpose fields due to youth soccer, field hockey and football; it is presumed that the spring use of these fields for lacrosse and spring soccer will not be a determining factor in the number of fields needed (i.e. if the town provides for the fall teams, the spring teams will have ample practice and playing fields even if one or more fields are used for T-Ball or instructional baseball/softball).

³ Currently, all practices and games of the Tri-Town Football league are played out-of-town (Deep River) and the Lacrosse club conducts most of its practices and games in Clinton (although they do use Sheldon Park one night per week); however, it is assumed in this model that there is latent demand for these sports in Killingworth and if sports fields were available in town then some of these practices and games would be played there.