



Hertfordshire ASA

County Championships 2017
Results Analysis

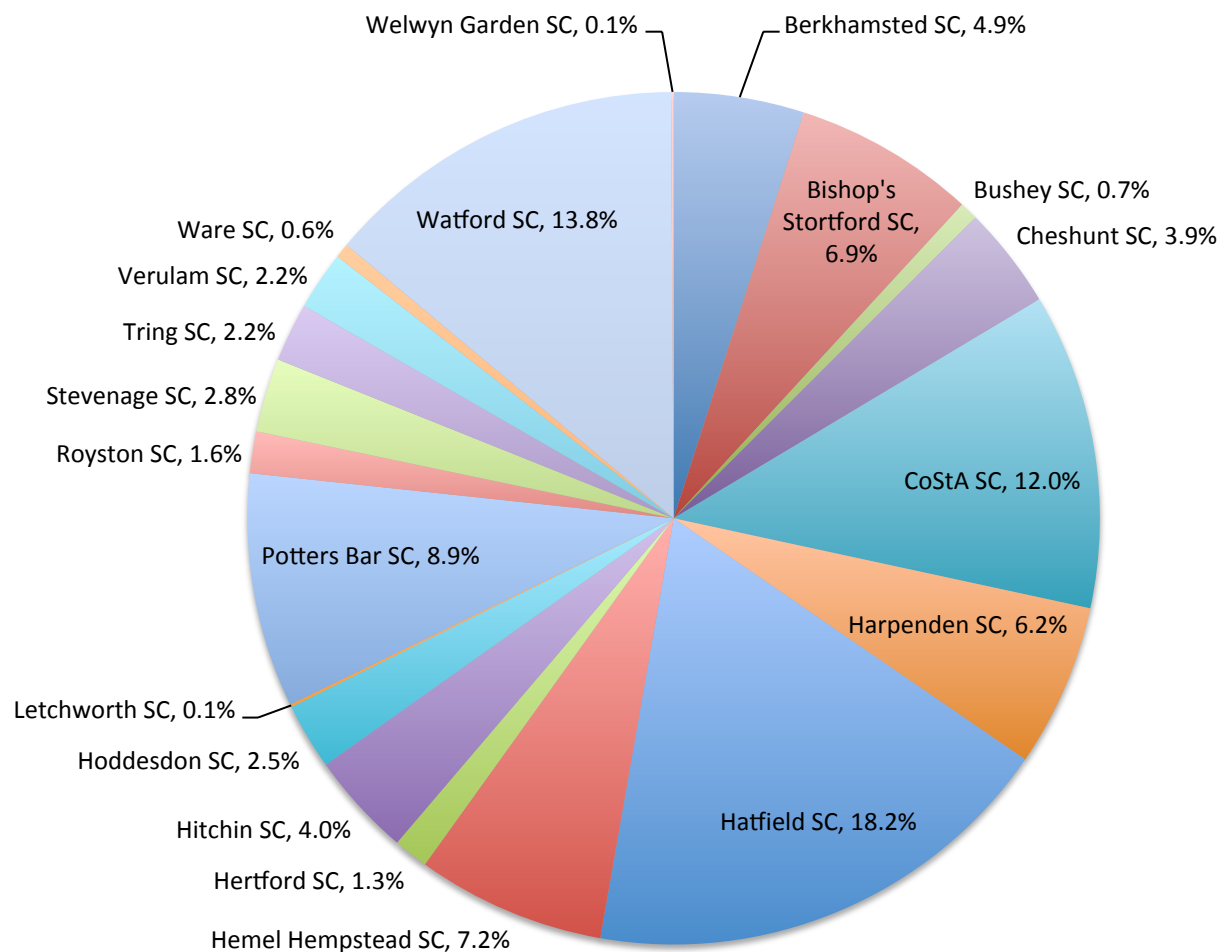
Key Overall Statistics

	2017	2016
Total number of clubs competing:	20	20
Total number of clubs with swimmers in the finals	18	18
Total number of swims (including finals):	4174 (+494)	3680
Overall % of improved	53% (-3%)	56%
Total number of final swims	854 (-54)	908
Total number of improvements to entry times in finals	553 (+42)	511
Overall % of improved times in finals	62% (+6%)	56%
Total number of DQs & DNFs (including finals)	96 (+31) (2%)	54 (<2%)

% of swimmers by club

The top 4 clubs Hatfield (18%), Watford (14%), CoStA (12%) and Potters Bar (9%) make up half of all swims completed.

Club	#swims
Hatfield SC	759
Watford SC	577
CoStA SC	500
Potters Bar SC	371
Hemel Hempstead SC	299
Bishop's Stortford SC	288
Harpenden	258
Berkhamsted SC	206
Hitchin SC	165
Cheshunt SC	162
Stevenage SC	117
Hoddesdon SC	105
Tring SC	93
Verulam SC	93
Royston SC	66
Hertford SC	55
Bushey SC	29
Ware SC	23
Letchworth SC	4
Welwyn Garden City SC	4



Swims vs. Improvements (inc finals)

Club	#Swims	#Improved	% improved
Royston SC	66	51	77%
Hoddesdon SC	105	69	66%
Stevenage SC	117	73	62%
Berkhamsted SC	206	125	61%
Potters Bar SC	371	217	58%
Hertford SC	55	32	58%
Tring SC	93	54	58%
Hatfield SC	759	417	55%
Bishop's Stortford SC	288	157	55%
Watford SC	577	300	52%
Hemel Hempstead SC	299	154	52%
Welwyn Garden SC	4	2	50%
Cheshunt SC	162	80	49%
Harpenden SC	258	126	49%
Bushey SC	29	14	48%
CoStA SC	500	233	47%
Hitchin SC	165	72	44%
Verulam SC	93	36	39%
Ware SC	23	7	30%
Letchworth SC	4		0%
Average			53%

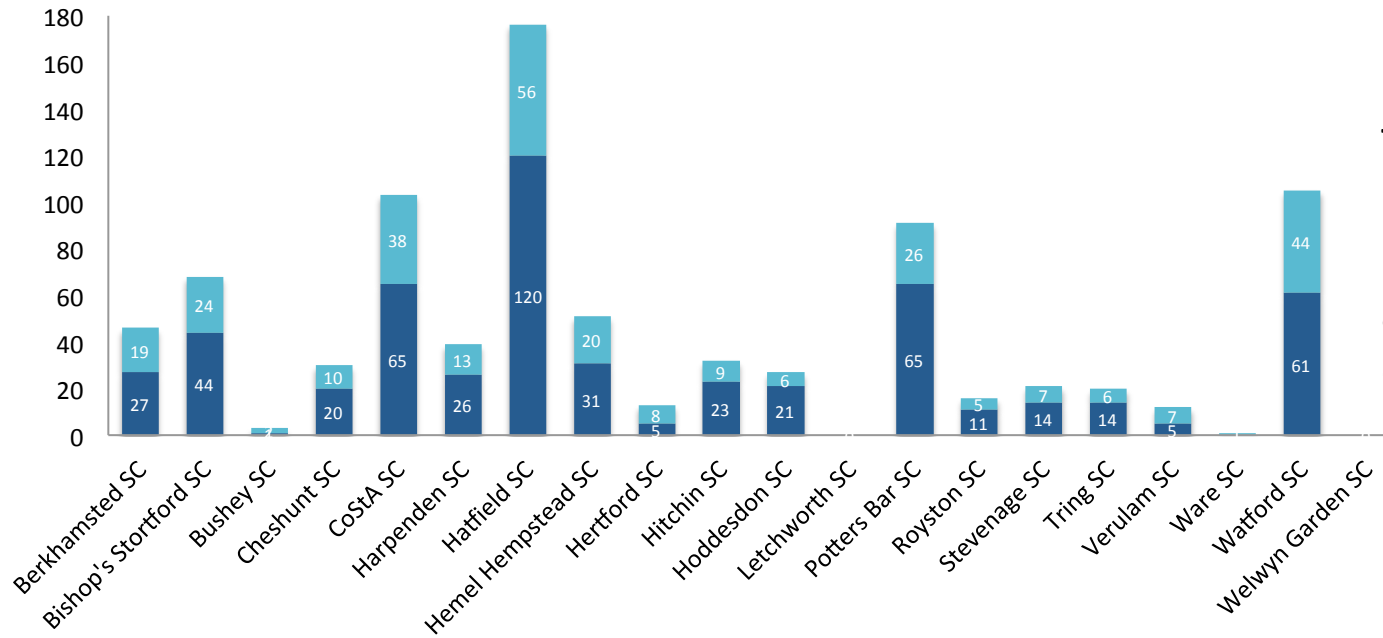
The overall % improved times for the Championships was 53%.

Improvements across swims (inc. finals) showed that Royston (77%), Hoddesdon (66%) and Stevenage (62%) had the highest proportion of improvements.

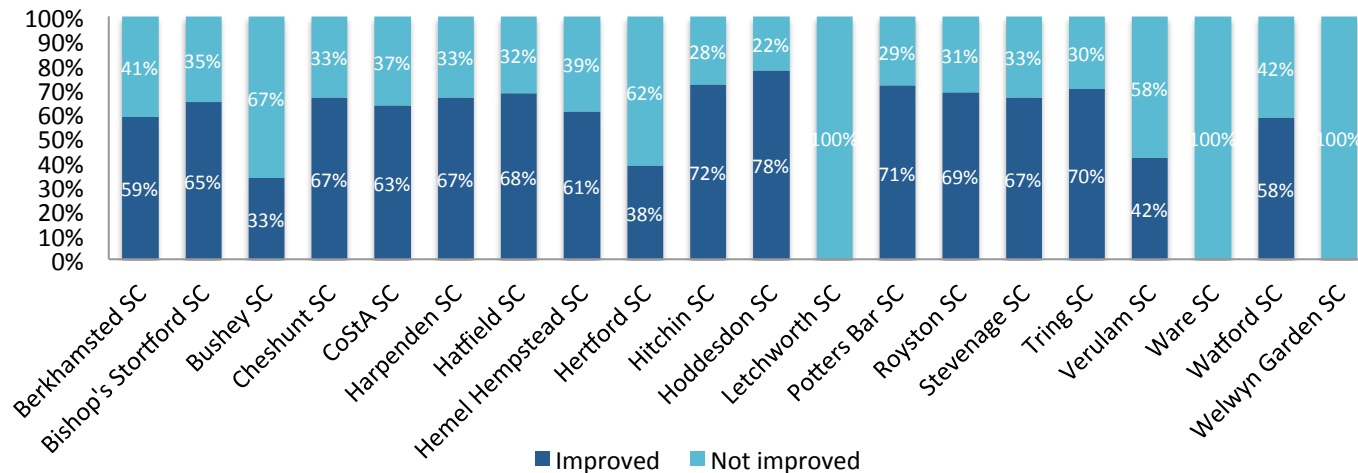
9 clubs achieved this mark or higher (53%).

In context Royston achieved a PB every 1.30 swims, Hoddesdon every 1.52 swims and Stevenage every 1.61 swims.

Improvements in finals by club



The overall improvement between heats and finals was 62%.



Hoddesdon (78%), Hitchin (72%) and Potters Bar (71%) showed greatest % improvements between heats and finals.

Event Improvements

- The event with the highest improvement was the girls 400IM (71%) and then the boys 100IM (69%). As a total of both genders, the 400IM (67%) and the 400 Free (65%) were the most improved events.
- The least improved events for girls were the girls 50 Free (36%), followed by the girls 100 Breast (39%) followed by for boys 100 Breast (45%) and 50 Free (48%). Both of these events were least improved in general.
- As strokes the most improved was IM (60%), followed by Back (57%), Freestyle (52%), Butterfly (50%) and Breast stroke (49%).

	BOYS	GIRLS	Total
50 Free	48%	36%	42%
50 Fly	51%	43%	47%
50 Breast	57%	48%	53%
50 Back	60%	51%	55%
100 Free	60%	48%	54%
100 Fly	54%	49%	52%
100 Breast	45%	39%	42%
100 Back	61%	47%	54%
100IM	69%	58%	63%
200 Free	61%	53%	57%
200 Fly	60%	58%	59%
200 Breast	58%	56%	57%
200 Back	54%	62%	59%
200IM	56%	50%	53%
400IM	59%	71%	67%
400 Free	67%	68%	65%
800 Free/1500	53%	58%	57%
	57%	53%	53%

Finalists

Analysis has been done to look at the top 8 swimmers across events as well as those in finals. Cheshunt (56%), Hatfield (54%) and Watford (54%) had the highest % of top 8 swimmers across all events . For those events with a final Hoddesdon (35%), Hatfield (33%), Bishops Stortford (31%) and Potters Bar (31%) had the most finalists.

Club	Swims	#Finalists (Places 1-8 in heats overall)	% 1-8 places	#Finalist (50-100ms)	% finalists (50-100ms only)
Berkhamsted SC	206	98	48%	46	30%
Bishop's Stortford SC	288	134	47%	68	31%
Bushey SC	29	3	10%	3	10%
Cheshunt SC	162	90	56%	30	29%
CoStA SC	500	256	51%	103	30%
Harpenden SC	258	111	43%	39	21%
Hatfield SC	759	407	54%	176	33%
Hemel Hempstead SC	299	139	46%	51	24%
Hertford SC	55	17	31%	13	25%
Hitchin SC	165	65	39%	32	24%
Hoddesdon SC	105	54	51%	27	35%
Letchworth SC	4	1	25%		0%
Potters Bar SC	371	172	46%	91	31%
Royston SC	66	33	50%	16	33%
Stevenage SC	117	54	46%	21	25%
Tring SC	93	46	49%	20	30%
Verulam SC	93	25	27%	12	15%
Ware SC	23	5	22%	1	5%
Watford SC	577	309	54%	105	28%
Welwyn Garden City SC	4	1	25%		0%

Total medals including relays (age group)

*championship medals not included

#					Total
1	HATFIELD	74	62	46	182
2	POTTERS BAR	22 (18)	19 (16)	18 (17)	47
3	WATFORD	21(17)	27(24)	29 (27)	77 (68)
4	BISHOPS STORTFORD	20	20	11	51
5	COSTA	18	25	26	69
6	HODDESDON	15	6	8	29
7	HEMEL HEMPSTEAD	10 (8)	14 (11)	14 (13)	38 (32)
8	STEVENAGE	8	2	4 (3)	14 (13)
9	BERKHAMSTED	7	5 (4)	16 (13)	28 (24)
10	TRING	5	4	4	13
11	CHESHUNT	4	5	10 (9)	19 (18)
12	HARPENDEN	3 (2)	6 (5)	4	13 (11)
13	ROYSTON	2	5	4	11
14	HITCHIN	1 (0)	7	13 (9)	21 (16)
15	HERTFORD	1 (1)	2	2	5

Total medals including relays- Girls (age group) *championship medals not included

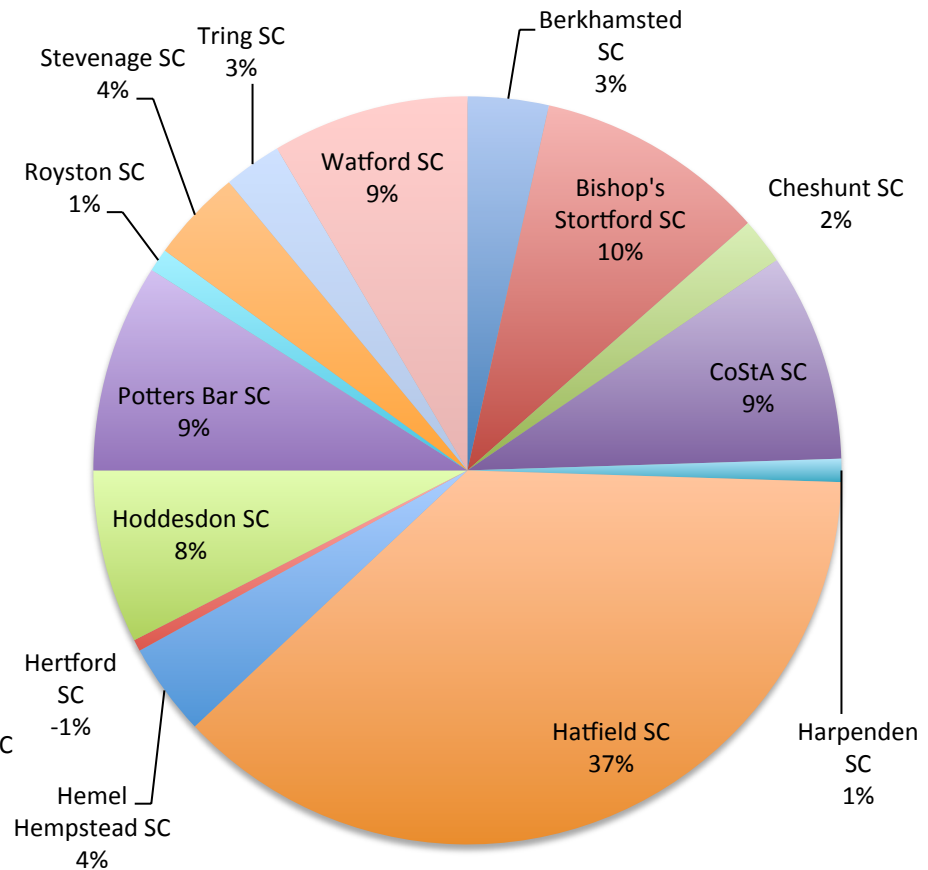
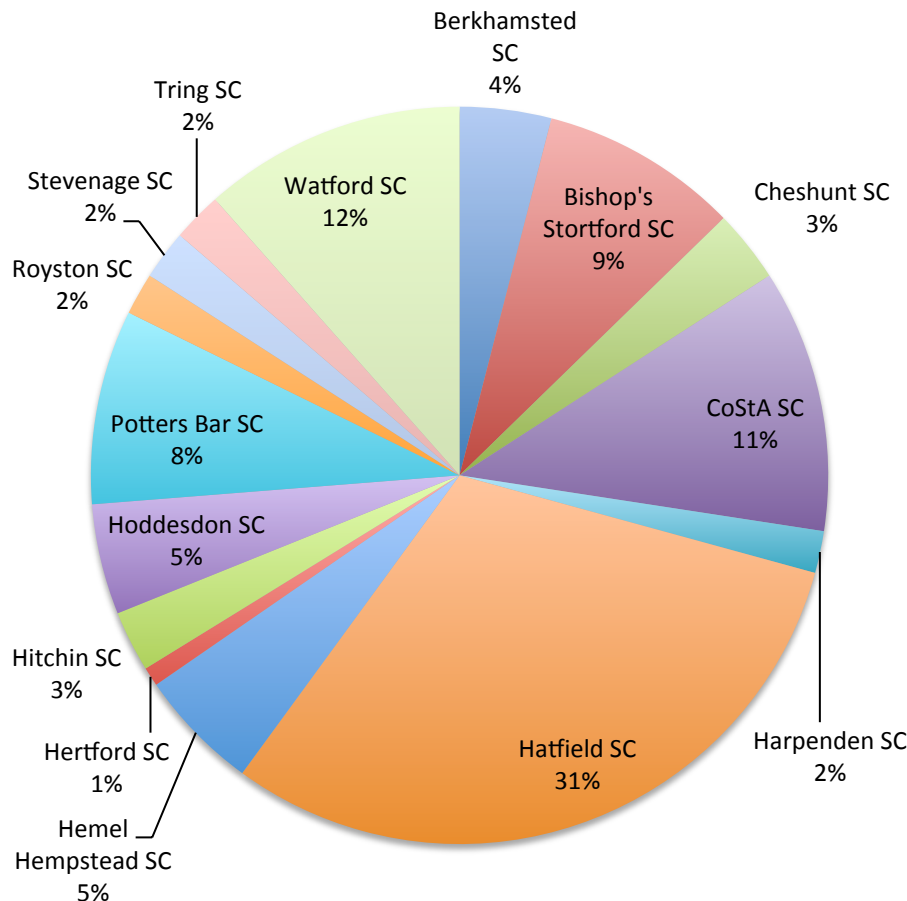
#					Total
1	HATFIELD	42	32	27	101
2	HODDESDON	15	6	8	29
3	BISHOP STORTFORD	10	9	3	22
4	COSTA	10	15	15	40
5	HEMEL HEMPSTEAD	9 (7)	10 (9)	9 (8)	21(17)
6	WATFORD	8 (6)	10 (7)	15 (14)	33 (27)
7	POTTERS BAR	5 (3)	8 (7)	5 (4)	16 (12)
8	BERKHAMSTEAD	4	3	9 (7)	16 (14)
9	TRING		1	1	5
10	CHESHUNT	1	4	5 (4)	10 (9)
11	HARPENDEN	1	1	0	2
12	HITCHIN	0	4 (3)	4	8 (7)
13	HERTFORD	0	1	2	3

Total medals including relays- Boys (age group) *championship medals not included

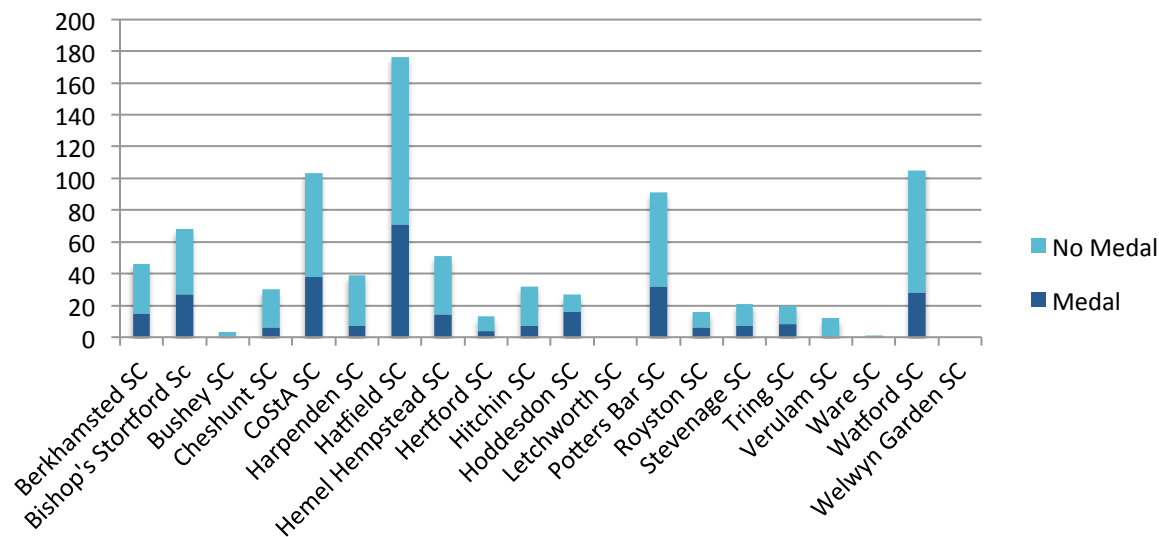
#					Total
1	HATFIELD	32	30	19	81
2	POTTERS BAR	17 (15)	11 (9)	13	41 (33)
3	WATFORD	13 (11)	17	14 (13)	44 (41)
4	BISHOP STORTFORD	10	11	8	29
5	COSTA	8	10	11	29
6	STEVENAGE	8	2	3 (2)	13 (12)
7	TRING	5	3	3	11
8	BERKHAMSTEAD	4 (3)	1(0)	5	10 (8)
9	CHESHUNT	3	1	5	9
10	HARPENDEN	2 (1)	5 (4)	4	11 (9)
11	ROYSTON	2	4	4	10
12	HEMEL HEMPSTEAD	1	4 (2)	5	10 (8)
13	HERTFORD	1	1		2
14	HITCHIN		4	5	9

% of medals by club

Hatfield had the most medals across the competition taking 31% followed by Watford (12%) and CoStA (11%). Hatfield also had the most gold medals with (37%) followed by Bishops Stortford (10%) and Watford, Potters Bar and CoStA all on (9%) (rounded up)



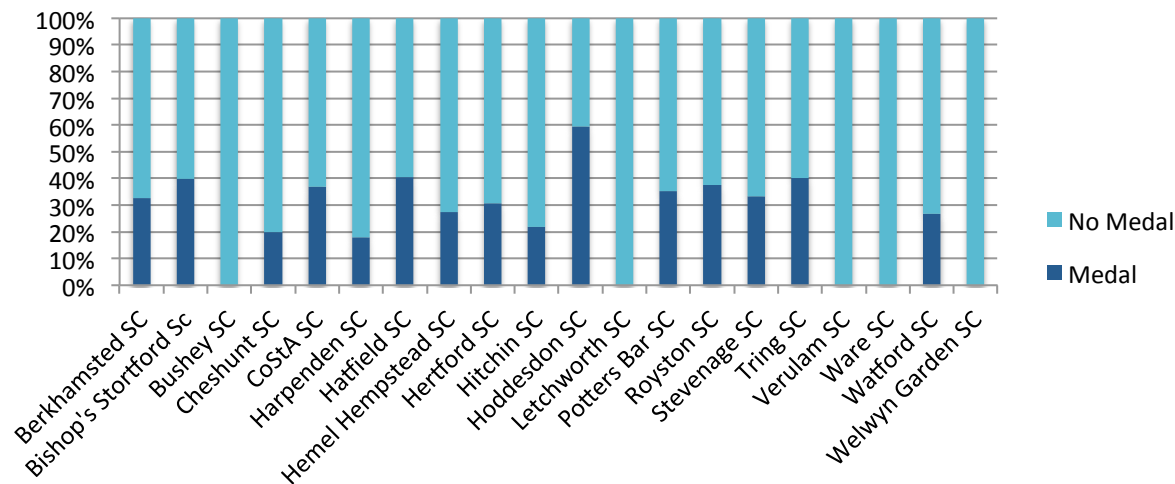
Swims vs. Medals (finals)



The graphs opposite show the number of medals compared to the total number of swims in a final by club. The top graph shows this in numeric format, whilst the lower graph shows it as a percentage.

You can see from the top graph that Hatfield had the most finalists followed by CoStA and Watford.

If you look at the lower graph you can see that as a percentage of finals swims, Hoddesdon (59%) collected the most medals, followed by Bishop's Stortford, Hatfield and Tring (40%).



Swims vs. Medals (inc finals)

Club	#Swims	#Medals (age group)	% Medals (age group)	%Medals (incl Championship)	% Medals (inc championships)
Berkhamsted SC	206	24	12%	39	19%
Bishop's Stortford SC	288	51	18%	75	26%
Cheshunt SC	162	18	11%	24	15%
CoStA SC	500	69	14%	97	19%
Harpenden SC	258	11	4%	21	8%
Hatfield SC	759	182	24%	29	30%
Hemel Hempstead SC	299	32	11%	46	15%
Hertford SC	55	5	9%	7	13%
Hitchin SC	165	16	10%	29	18%
Hoddesdon SC	105	29	28%	43	41%
Potters Bar SC	371	51	14%	82	22%
Royston SC	66	11	17%	11	17%
Stevenage SC	117	13	11%	14	12%
Tring SC	93	13	14%	13	14%
Watford SC	577	77	13%	90	16%

The highest medal return per swims was 28% from Hoddesdon (41% incl championship), followed by Hatfield (24% and 30%) and then Bishops Stortford (18% and 26%) for age group medals (and incl championships).

To give more context Hoddesdon won an age group medal every 3.57 swims, Hatfield every 4.17 swims and Bishops Stortford every 5.55 swims.

*Note some swimmers received up to 3 medals for one swim including championship medals

Finals Analysis

Club	#Swims	h>F Improved	% Improved	#medals	% medals
Berkhamsted Swimming Club	46	27	59%	15	33%
Bishop's Stortford	68	44	65%	27	40%
Bushey Amateur Swimming Club	3	1	33%		0%
Cheshunt Swimming Club	30	20	67%	6	20%
City of St Albans Swim Club	103	65	63%	38	37%
Harpenden SC	39	26	67%	7	18%
Hatfield	176	120	68%	71	40%
Hemel Hempstead Swimming Club	51	31	61%	14	27%
Hertford Swimming Club	13	5	38%	4	31%
Hitchin Swimming Club	32	23	72%	7	22%
Hoddesdon Swimming Club	27	21	78%	16	59%
Potters Bar SC	91	65	71%	32	35%
Royston Swimming Club	16	11	69%	6	38%
Stevenage Swimming Club	21	14	67%	7	33%
Tring Swimming Club	20	14	70%	8	40%
Verulam Asc	12	5	42%		0%
Ware Swimming Club	1				0%
Watford Swimming Club	105	61	58%	28	27%
Total	854	553	62%	286	28%

Improvements between heats and finals were strong for the majority of clubs with Hoddesdon (78%), Hitchin (72%) and Potters Bar (71%) showing the strongest % of pbs.

Summary

- More swimmers across all ages took part this year in all events
- 95% of clubs had a swimmer in a final
- 62% of finalists improved on their heat time
- 499 medals were awarded across the competition
- 20% of girls swims and 18% of boy swims achieved regional times