

	Team	23 DIV	23 Points	23 Swimmers	Calculation Results	2022 Calc (25%)	2023 Calc (75%)	Wtd Avg FINAL Calc	24 Rank	24 Div
BSRC	BURKWOOD	I	12,267.5	206	14.00	13.28	14.00	13.82	1	I
CRR	CHURCH RUN	I	9,446.5	171	11.17	10.64	11.17	11.04	2	I
CRA	CANTERBURY	I	7,983.0	191	10.92	11.29	10.92	11.01	3	I
WSRC	WYNDHAM	I	6,955.5	165	9.47	9.47	9.47	9.47	4	I
HCRA	HUNGARY CREEK	I	7,275.0	155	9.35	9.35	9.35	9.35	5	I
ASH	ASHLAND	I	5,603.5	176	8.99	9.89	8.99	9.22	6	I
CSC	COLONIES	II	7,375.5	147	9.15	8.77	9.15	9.06	7	I
RSRC	RAINTREE	II	6,584.5	141	8.48	8.67	8.48	8.53	8	I
KC	KINGS CHARTER	II	6,231.5	128	7.85	8.22	7.85	7.95	9	II
THAT	TWIN HICKORY	II	6,345.5	121	7.70	8.54	7.70	7.91	10	II
FH	FOX HALL	II	6,453.5	118	7.67	8.26	7.67	7.82	11	II
AC	ASHCREEK	II	5,735.5	129	7.58	8.00	7.58	7.69	12	II
GM	GOOCHLAND YMCA	III	6,817.0	118	7.89	6.68	7.89	7.59	13	II
RVDC	ROCKVILLE/DOLPHIN CLUB	III	6,416.0	105	7.24	6.10	7.24	6.95	14	II
ARA	ATLEE	III	5,554.5	100	6.55	5.85	6.55	6.38	15	III
TDC	THE DOMINION CLUB	III	5,213.0	99	6.31	6.52	6.31	6.36	16	III
MS	MILESTONE	III	5,108.0	104	6.41	6.17	6.41	6.35	17	III
CORA	CHESTNUT OAKS	III	4,751.5	101	6.10	6.35	6.10	6.16	18	III
TFC	THE FEDERAL CLUB	III	5,339.0	85	5.95	6.44	5.95	6.07	19	III
WELL	WELLESLEY	III	4,229.0	95	5.59	6.43	5.59	5.80	20	III
OC	OLD CHURCH	IV	4,930.5	76	5.41	5.75	5.41	5.50	21	IV
PC	PEBBLE CREEK	IV	5,197.0	74	5.51	4.65	5.51	5.30	22	IV
HCC	HANOVER	IV	4,102.0	77	4.94	4.15	4.94	4.74	23	IV
TVW	TUCKAHOE VILLAGE WEST	IV	4,447.0	61	4.64	4.95	4.64	4.72	24	IV
MRA	MECHANICSVILLE	IV	3,931.5	63	4.39	4.51	4.39	4.42	25	IV
BC	BELL CREEK	IV	3,967.0	56	4.19	4.46	4.19	4.26	26	IV
WEM	WEMBLY	IV	3,462.0	48	3.63	3.30	3.63	3.55	27	IV
BG	BATTLEFIELD GREEN	IV	2,574.0	42	2.90	3.32	2.90	3.01	28	IV
			164,296.0	3,152.0						

XIX. CALCULATIONS TO DETERMINE LEAGUE DIVISIONS FOR THE NEXT SWIM SEASON

- 1.) Total the club points, including relays, scored for each meet. Divide this number by the total league points. Multiply this figure by 100. To this figure, add total club number of swimmers divided by total league number of swimmers multiplied by 100. This final figure is called the "Point/Swimmer Results." To calculate the ranking number to be used in determining the next season's club divisions, multiply the current year's Point/Swimmer results by .75 and the previous year's Point/Swimmer result by .25, and

add these two figures together. This gives you the ranking number to be used for next season's divisions:

$$\frac{\text{Total Club Points} \times (100)}{\text{Total League Points}} + \frac{\text{Club \# Swimmers} \times (100)}{\text{League \# Swimmers}} = \text{Division Calculation}$$

[(Current year's Point/Swimmer Results) X .75] + [(Previous year's Point/Swimmer Results) X .25] = 2 year weighted average Ranking Number used for determining next season's club divisions. The Computer Coordinator is responsible for collecting the required data and completing this calculation.

- 2.) To determine the size of each division, the following rules will apply:
- 6 or 8 are the target sizes for a division. Divisions shall not be smaller than 6 teams, nor larger than 8. Divisions shall not contain an odd number of teams unless there is an odd number of teams in the league (see XIX.2.d below).
 - Even-sized divisions are preferred (all with 6 teams or all with 8 teams)
 - If the number of teams in the league necessitates differing sizes of divisions, then the procedure will be as follows:
 - Teams will be listed in rank order from top to bottom with the team having the highest-ranking number (as described in XIX.1) on top.
 - All of the different possible configurations will be listed out (e.g., if 4 divisions of 28 teams, options will include divisions 1 and 2 having 8 teams and divisions 3 and 4 having 6 teams, divisions 1 and 3 having 8 teams and divisions 2 and 4 having 6 teams, etc.)
 - The standard deviation of each option will be calculated and added together across the option.
 - The option with the lowest total standard deviation will be chosen.
 - If there is an odd number of teams, the Executive Board with input from the teams in the division will determine how the meets will be swum (seven weeks with a bye, tri-meets, etc.) with the need for every team to have three meets each of both structures of meet (freestyle and medley).