

**EXHIBIT**  
**13**  
Hayes  
8/15/2020

**BASELINE CASE: NO CHANGES MADE**

Sport	# sports represented	Roster sizes				diversity
		Brown (5-yr av)	Coachs' ideal	Ivy Average	current	
<b>Mens</b>						
Baseball	1	28.0	31.0	32.0	16.7%	
Basketball	1	14.4	16.0	17.0	46.7%	
Crew	1	50.8	46.0	43.0	13.9%	
Fencing	1	12.4	15.0	17.0	36.4%	
Football	1	107.4	110.0	110.0	31.8%	
Lacrosse	1	38.0	48.0	43.0	16.7%	
Soccer	1	26.4	28.0	28.0	29.2%	
Squash	1	11.8	15.0	16.0	0.0%	
Swim-dive	1	27.2	30.0	33.0	7.1%	
Tennis	1	11.6	10.0	13.0	9.1%	
Track, Field & CC	3	100.0	72.0	138.0	35.8%	
Water polo	1	18.2	18.0	18.0	5.6%	
Wrestling	1	25.2	30.0	30.0	12.5%	
<b>SUBTOTAL MENS</b>	<b>15</b>	<b>471.4</b>	<b>469.0</b>	<b>538.0</b>	<b>24.2%</b>	
<b>Womens</b>						
Basketball	1	13.8	18.0	16.0	58.3%	
Crew	1	53.8	46.0	50.0	6.3%	
Equestrian	1	32.6	28.0	29.0	20.0%	
Fencing	1	14.2	15.0	16.0	0.0%	
Field Hockey	1	22.2	22.0	22.0	0.0%	
Golf	1	8.8	10.0	9.0	11.1%	
Gymnastics	1	16.8	19.0	20.0	6.7%	
Ice Hockey	1	23.0	24.0	23.0	0.0%	
Lacrosse	1	30.4	38.0	30.0	0.0%	
Rugby	1	30.0	35.0	31.0	22.2%	
Skiing	1	8.0	12.0	15.0	10.0%	
Soccer	1	24.8	30.0	27.0	51.9%	
Softball	1	17.8	20.0	19.0	22.2%	
Squash	1	13.4	15.0	14.0	0.0%	
Swim-dive	1	31.0	36.0	34.0	7.9%	
Tennis	1	10.4	10.0	11.0	0.0%	
Track, Field & CC	3	129.0	84.0	145.0	29.8%	
Volleyball	1	17.5	18.0	18.0	0.0%	
Water polo	1	22.0	20.0	18.0	13.0%	
<b>SUBTOTAL WOMENS</b>	<b>21</b>	<b>519.5</b>	<b>500.0</b>	<b>547.0</b>	<b>17.0%</b>	
<b>TOTAL</b>	<b>36</b>	<b>990.9</b>	<b>969.0</b>	<b>1085.0</b>	<b>20.4%</b>	

gender ratio

52.4%

51.6%

50.4%

**BASELINE SUMMARY**

	Results with alternative roster sizes			
	Current	Brown (5-yr av)	Coaches' ideal	Ivy average*
#sports	38	38	38	38
#athletic opportunities, total	991	991	969	1085
#athletic opportunities, men	471	471	469	538
#athletic opportunities, women	520	520	500	547
% women	52.4%	52.4%	51.6%	50.4%
diversity	20.4%			

\*if not an Ivy sport, relevant league is used

COVERTS TO CLUB: Fencing (m/w), Golf (m/w), Squash (m/w), Tennis (m/w), Track, Field & CC (m), Skiing(w), Equestrian (w)  
 CONVERTS TO VARSITY: co-ed sailing, women's sailing

Sport	# sports	Roster sizes				diversity
		Brown (5-yr av)	Ivy average*	Coaches' ideal	Brown plan	
Mens						
Baseball	1	28.0	32.0	31.0	31.0	16.7%
Basketball	1	14.4	17.0	16.0	16.0	46.7%
Crew	1	50.8	43.0	46.0	46.0	13.9%
Football	1	107.4	110.0	110.0	110.0	31.8%
Ice Hockey	1	26.6	28.0	28.0	28.0	6.7%
Lacrosse	1	38.0	43.0	48.0	48.0	16.7%
Sailing (coed)	0.5	0.0	0.0	12.0	12.0	8.0%
Soccer	1	26.4	28.0	28.0	28.0	29.2%
Swim-dive	1	27.2	33.0	30.0	30.0	7.1%
Tennis	1	11.6	13.0	10.0	10.0	9.1%
Water polo	1	18.2	18.0	18.0	18.0	5.6%
Wrestling	1	25.2	30.0	30.0	30.0	12.5%
<b>SUBTOTAL MENS</b>	<b>12</b>	<b>395.8</b>	<b>417.0</b>	<b>429.0</b>	<b>407.0</b>	
Womens						
Basketball	1	13.8	16.0	18.0	18.0	58.3%
Crew	1	53.8	50.0	46.0	46.0	6.3%
Field Hockey	1	22.2	22.0	22.0	22.0	0.0%
Gymnastics	1	16.8	20.0	19.0	19.0	6.7%
Ice Hockey	1	23.0	23.0	24.0	24.0	0.0%
Lacrosse	1	30.4	30.0	38.0	38.0	0.0%
Rugby	1	30.0	31.0	35.0	35.0	22.2%
Sailing (coed)	0.5	0.0	0.0	18.0	18.0	8.0%
Sailing (womens)	1	0.0	0.0	18.0	18.0	8.0%
Soccer	1	24.8	19.0	30.0	30.0	51.9%
Softball	1	17.8	19.0	20.0	20.0	22.2%
Swim-dive	1	31.0	34.0	36.0	36.0	7.9%
Tennis	1	10.4	11.0	10.0	10.0	0.0%
Track, Field (& CC)#	3	129.0	145.0	58.0	58.0	29.8%
Cross country#		0.0	0.0	26.0	26.0	29.8%
Volleyball	1	17.5	18.0	18.0	18.0	0.0%
Water polo	1	22.0	18.0	20.0	20.0	13.0%
<b>SUBTOTAL WOMENS</b>	<b>18</b>	<b>442.5</b>	<b>456.0</b>	<b>456.0</b>	<b>456.0</b>	
<b>TOTAL</b>	<b>29</b>	<b>838.3</b>	<b>873.0</b>	<b>885.0</b>	<b>863.0</b>	
gender ratio		52.8%	52.2%	51.5%	52.8%	
%HUG, men		19.1%	19.1%	18.8%	19.9%	
%HUG, women		18.0%	18.2%	16.6%	16.6%	
<b>%HUG overall</b>		<b>18.5%</b>	<b>18.6%</b>	<b>17.7%</b>	<b>18.2%</b>	

\* or relevant league if not Ivy  
 #For the purposes of this comparison, the coach's ideal and the Brown plan roster columns treat indoor and outdoor track as one team, and cross country separately.

	Current	Alternative roster sizes		
		Brown (5-yr av)	Ivy average*	Brown plan
#sports	38	29	29	29
# athletic opportunities, total	1025	838	873	885
# athletic opportunities, men	506	396	417	429
# athletic opportunities, women	520	443	456	456
% women	50.7%	52.8%	52.2%	51.5%
diversity	19.9%	18.5%	18.6%	17.7%

\*If not an Ivy sport, relevant league is used

HUG STATUS, 2019-20

<b>Mens</b>	
Baseball	16.7%
Basketball	46.7%
CC ALONE	6.7%
Crew	13.9%
Fencing	36.4%
Football	31.8%
Golf	0.0%
Ice Hockey	6.7%
Lacrosse	16.7%
Sailing (coed)	8.0%
Soccer	29.2%
Squash	0.0%
Swim-dive	7.1%
Tennis	9.1%
Track, Field & CC	35.8%
Water polo	5.6%
Wrestling	12.5%

<b>Womens</b>	
Basketball	58.3%
CC ALONE	15.0%
Crew	6.3%
Equestrian	20.0%
Fencing	0.0%
Field Hockey	0.0%
Golf	11.1%
Gymnastics	6.7%
Ice Hockey	0.0%
Lacrosse	0.0%
Rugby	22.2%
Sailing (coed)	8.0%
Sailing (womens)	8.0%
Skiing	10.0%
Soccer	51.9%
Softball	22.2%
Squash	0.0%
Swim-dive	7.9%
Tennis	0.0%
Track, Field & CC	29.8%
Volleyball	0.0%
Water polo	13.0%