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Acknowledgments:

Thank you to the following individuals for their role in this report: McKenzie Arbeiter, Anna Baeth, Courtney Boucher, Annika Mau, Veronica Rasmussen, Kinzee Salo, Sarah Silbert, and Jonathan Sweet.

Cover photo feature: Lynn Farquhar, head women's field hockey coach, Saint Joesph's University (SJU). Photo credits to: SJU Athletic Department.

LaVoi, N. M., Boucher, C. & Silbert, S. (2019, July). Head coaches of women's collegiate teams: A comprehensive report on NCAA Division-I institutions, 2018-19. Minneapolis: The Tucker Center for Research on Girls & Women in Sport.

The report can be downloaded free of charge at http://www.TuckerCenter.org

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Head Coaches of Women's Collegiate Teams

A COMPREHENSIVE REPORT OF

NCAA DIVISION-I INSTITUTIONS

2018-19

his longitudinal research series, now in its seventh year (2012-19), is a partnership between the Tucker Center for Research on Girls & Women in Sport at the University of Minnesota—the first research center of its kind in the world—and WeCOACH (formerly the Alliance of Women Coaches), the premiere organization dedicated to increasing and retaining the number of women in the coaching profession. In this longitudinal research series, we assign a grade to each institution, sport, and conference based on the percentage of women head coaches of women's teams.

In the first benchmark report of this longitudinal research series, *The Decline of Women Coaches in Collegiate Athletics: A Report on Select NCAA Division-I FBS Institutions*, 2012–13 (LaVoi, 2013), we detailed the historical decline in the percentage of women head coaches in the 45+ years following the passage of Title IX, explained why this research and women coaches matter and how minority status in the workplace can affect individuals, provided rationale for why examining employment patterns in "big time" athletics programs was important, and reported the percentage of women in all coaching positions in select NCAA Division-I institutions by sport and conference.

In the initial years of the report, we primarily examined a sample of "big time" FBS NCAA Division-I athletic programs. Since then, due to demand and interest in our data, we have widened our scope of research to include Division-II and Division-III programs. In this report, we are widening the scope further to include examination of all NCAA Division-I women's programs.

Purpose

The purpose of the *Women in College Coaching Report Card* [™] research series is multifaceted:

1) to document and benchmark the percentage of women coaches of women's teams in college athletics; 2) to provide evidence that will help retain and increase the percentage of women in the coaching profession; 3) to track the effectiveness of initiatives aimed at reversing the decline of the percentage of women in coaching; 4) to bring awareness while providing an evidence-based starting point for a national discussion on this important issue; and 5) to extend and compliment research on women in sport coaching. In this report we answer the following research question:

What percentage of women occupy head coach positions for women's sport teams in NCAA Division-I athletics programs during the 2018-19 academic year?

Methodology

Documenting and adhering to a rigorous methodology is important for transparency, replication, comparison to other data, and consistency in tracking and reporting over time. For a detailed account of our methodology, coding key, data collection, reliability processes, and how we determined and developed grading criteria, see the 2012-13 report (LaVoi, 2013) which can be downloaded at www.TuckerCenter.org.

For this report, data was collected between November 1st, 2018 and January 1st, 2019, by visiting each institution's athletics website and reviewing the coaching roster/staff for the 2018-19 academic year for each women's NCAA-sponsored and NCAA-emerging sport team listed. Our goal was to achieve 100% accuracy and many efforts were undertaken to ensure reliable data. As with any data, the numbers reported herein may have a small margin of error. To report an error, please contact info@tuckercenter.org.

All individuals listed on the coaching roster as head coach, including interim head coaches, were recorded. Diving coaches were coded as head coaches. A director of sport, common in track & field and swimming & diving, was coded as the head coach if no head women's coach was listed in the staff roster or noted specifically within any of the coach biographies. An individual who occupied the head coach position for two sports (e.g., head coach for track & field and cross country) was coded as two separate coaches.

SAMPLE

The 2018-19 dataset included all head coaches of women's teams (N = 3561) at 351 institutions of higher education in all geographic regions of the United States that were current members of 32 NCAA Division-I conferences. Appendix A summarizes the distribution of schools by conference for 2018-19.

GRADE CRITERIA

The scale used to assign grades is as follows: A = 70-100%, B = 55-69%, C = 40-54%, D = 25-39%, F = 0-24% of female head coaches of women's teams. If rounding up resulted in moving up a grade level, the institution, sport, or conference was placed in the higher grade bracket. Institutions with the same female head coach percentage were ordered alphabetically. For how the grading criteria was developed see past Report Cards.

Results

TOTAL HEAD COACHES

A total of 3561 head coach positions of women's teams from 351 institutions comprised this sample. A small percentage of positions remained unfilled (0.34%, n = 12) or were eliminated due to lack of facilities and funding (0.22%, n = 8) at the time of data collection (November 2018 - January 2019) resulting in a final sample of 3541 for analysis. Women held 1491 of the 3541 (42.1%) head coaching positions across 32 Division-I conferences (see Table 1), which is slightly higher (.3%) than the percentage of women head coaches of women's teams in "Select 7 FBS" conferences (LaVoi, 2019). This is also slightly higher (.4%) than the percentage of women head coaches of women's teams in 2017-2018.

TABLE 1. PERCENTAGE OF DIVISION-I WOMEN HEAD COACHES FOR WOMEN'S TEAMS

Position	Schools	Fen	nale	Male		Total Coach- es
	N	%	n	%	n	N
2017 - 18 Head Coaches	349	41.7	1463	58.3	2049	3512
2018 - 19 Head Coaches*	86	41.8	406	58.2	565	971
2018 - 19 All Head Coaches	351	42.1	1491	57.9	2050	3541

^{*}Notes head coaches of select 7 NCAA D-I conferences in previous reports (AAC, ACC, BIG 10, BIG 12, Big East, Pac-12, SEC)

BY SPORT

The percentage of women head coaches in 26 sports varied greatly (see Table 2). Field hockey and lacrosse had a large majority of female head coaches. Emerging NCAA sports of rugby and equestrian received As and provide positive examples of hiring women at the outset of program building and development. Triathlon (+16.7%), gymnastics (+3.1%), rowing (+3.0%), beach volleyball (+2.2%) and water polo (+3.1%) all improved their grade by one letter from 2017-2018. Diving, fencing, water polo, cross country, track and field, and swimming had a large majority of male head coaches. Table 3 indicates the number and percentage of coaches by sport and gender for all NCAA sponsored D-I sports.

TABLE 2, GRADE BY SPORT FOR PERCENTAGE OF FEMALE D-I HEAD COACHES FOR 2018-19

Grade	%	Sport
Α	100-70	Lacrosse (+92.9%), Rugby (85.7%)*, Field Hockey (84.2%), Equestrian (+83.3%)**
В	69-55	Softball (+67.2%), Triathlon (↑ 66.7%)*, Golf (-62.4%), Basketball (+61.1%), Gymnastics (↑ 57.1%)
С	54-40	Bowling (-50.0%), Volleyball (+47.4%), Rowing (\uparrow 41.4%), Rifle (-41.2%)**, Beach Volleyball (\uparrow 40.7%)
D	39-25	Tennis (+37.6%), Ice Hockey (+33.3%), Soccer (+28.4%), Water Polo (↑ 25.0%)
F	24-0	Diving (-21.6%), Cross Country (+20.8%), Nordic Skiing (20.0%)*, Squash (20.0%)*, Track (+18.8%), Swiming (-16.0%), Fencing (-14.8%), Alpine Skiing (9.1%)**

^{*}Offered by ten or fewer schools; **Offered by twenty or fewer schools; Conference decreased (-) or increased (+) percentage of women head coaches; moved down \downarrow or up \uparrow a grade from 2017-18 to 2018-19.

TABLE 3. HEAD COACH NUMBER AND PERCENTAGE ALPHABETICALLY BY SPORT AND GENDER FOR DIVISION-I WOMEN'S TEAMS 2018-19

		Head Coaches				
	Fen	Female		ale		
Sport	%	n	%	n	N	
Alpine Skiing	9.1	1	90.9	10	11	
Basketball	61.2	214	38.9	136	350	
Beach Volleyball	40.7	24	59.3	35	59	
Bowling	50	17	50	17	34	
Cross Country	20.8	73	79.2	278	351	
Diving	21.6	38	78.4	138	176	
Equestrian	83.3	15	16.7	3	18	
Fencing	14.8	4	85.2	23	27	
Field Hockey	84.2	64	15.8	12	76	
Golf	62.4	166	37.6	100	266	
Gymnastics	57.1	36	42.9	27	63	
Ice Hockey	33.3	8	66.7	16	24	
Lacrosse	92.9	105	7.1	8	113	
Nordic Skiing	20.0	2	80.0	8	10	
Rifle	41.2	7	58.8	10	17	
Rowing	41.4	36	58.6	51	87	
Rugby	85.7	6	14.3	1	7	
Soccer	28.4	95	71.6	239	334	
Softball	67.2	199	32.8	97	296	
Squash	20.0	2	80.0	8	10	
Swimming	16.0	31	84.0	163	194	
Tennis	37.6	117	62.4	194	311	
Track	18.8	64	81.2	277	341	
Triathlon	66.7	2	33.3	1	3	
Volleyball	47.4	157	52.6	174	331	
Water Polo	25.0	8	75.0	24	32	
Total	42.1	1491	57.9	2050	3541	

BY INSTITUTION

The range for the percentage of women head coaches by institution varied dramatically. Three institutions *at the time of data collection* (University of Cincinnati, Florida A&M University, and Quinnipiac University) had over 80% women head coaches, while two institutions (University of Arkansas at Pine Bluff and Virginia Military Institute) had 0% women head coaches. Lynn Farquhar, featured on the cover, is the head field hockey coach at Saint Joseph's University, an A grade instituition (77.8%), is a WeCOACH member, Women Coaches Academy Class 30 and Academy 2.0 graduate. See Appendix B for a full list of grades by institution for percentage of women head coaches. Based on the percentage of women head coaches, 17 of the 351 (4.8%) institutions received an A for being above average compared to peer institutions. Fifty-eight institutions (16.5%) received a B, 120 institutions (34.2%) received a C, and 108 institutions

(30.8%) received a D. Fourty-eight institutions (13.7%) received a failing grade of F for having less than 25% women head coaches, making the number of Fs nearly three times the number of A grades. Most institutions (74.1%, n = 260) had 50% or fewer women head coaches.

BY CONFERENCE

The Ivy League had the highest percentage (53.1%) while the Horizon League had the lowest percentage (28.1%) of female head coaches (see Table 4). The Big South (+8.3%), Mountain West (+5.0%), Ohio Valley (+3.6%) and SWAC (+4.6%) conferences all improved their grade from Ds to Cs from 2017-2018. The Conference USA dropped (-3.6%) from a C grade to a D from 2017-2018. The number of head coaches by conference and gender are in Table 5. See Appendix A for institutional composition of each conference. To date no conference has earned above a C grade.

TABLE 4. GRADE BY CONFERENCE FOR PERCENTAGE OF NCAA D-I WOMEN HEAD COACHES 2018-19

Grade	Criteria	Conference
Α	100-70	
В	69-55	
С	54-40	Ivy League (+53.1%), Patriot League (+48.8%), Big 10 (+47.8%), Colonial (-47.7%), America East (+47.7%), Northeast (-47.5%), Pac 12 (+47.4%), Atlantic 10 (-46.5%), Missouri Valley (+46.2%), Big South (↑ 46.1%), American (-45.8%), Big West (+44.6%), Mid-American (-44.5%), Mountain West (↑ 44.0%), ACC (+43.4%), Ohio Valley (↑ 42.7%), SWAC (↑ 42.3%), Sun Belt (-41.6%), WAC (-41.4%), MAAC (-41.0%)
D	39-25	Conference USA (\$\square\$ 39.4%), ASUN (-37.8%), Big Sky (+36.9%), Big East (-36.5%), Southland (+36.4%), WCC (-35.7%), Mid-Eastern (35.3%), SEC (+35.3%), Summit League (-33.3%), Southern (-33.3%), Big 12 (-29.3%), Horizon League (+28.1%)
F	24-0	

Conference decreased (-) or increased (+) percentage of women head coaches; moved down \downarrow or up \uparrow a grade from 2017-18 to 2018-19



TABLE 5. GRADE, NUMBER AND PERCENTAGE OF NCAA D-I WOMEN HEAD COACHES BY CONFERENCE FOR 2018-19

		Female		Ma	le	
Conference	Grade	%	n	%	n	N
Ivy League	С	53.1	76	46.9	67	143
Patriot League	С	48.8	59	51.2	62	121
Big 10	С	47.8	88	52.2	96	184
Colonial	С	47.7	53	52.3	58	111
American East	С	47.7	42	52.3	46	88
Northeast	С	47.5	56	52.5	62	118
Pac 12	С	47.4	72	52.6	80	152
Atlantic 10	С	46.5	67	53.5	77	144
Missouri Valley	С	46.2	42	53.8	49	91
Big South	С	46.1	41	53.9	48	89
American	С	45.8	54	54.2	64	118
Big West	С	44.6	41	55.4	51	92
Mid-American	С	44.5	53	55.5	66	119
Mountain West	С	44.0	55	56.0	70	125
ACC	С	43.4	75	56.6	98	173
Ohio Valley	С	42.7	41	57.3	55	96

		Female		Ma	le	
Conference	Grade	%	n	%	n	N
SWAC	С	42.3	33	57.7	45	78
Sun Belt	С	41.6	42	58.4	59	101
WAC	С	41.4	29	58.6	41	70
MAAC	С	41.0	48	59.0	69	117
Conference USA	D	39.4	50	60.6	77	127
ASUN	D	37.8	28	62.2	46	74
Big Sky	D	36.9	38	63.1	65	103
Big East	D	36.5	35	63.5	61	96
Southland	D	36.4	39	63.6	68	107
WCC	D	35.7	35	64.3	63	98
Mid-Eastern	D	35.3	36	64.7	66	102
SEC	D	35.3	55	64.7	101	156
Summit League	D	33.3	24	66.7	48	72
Southern	D	33.3	27	66.7	54	81
Big 12	D	29.3	29	70.7	70	99
Horizon League	D	28.1	27	71.9	69	96

PREVALENCE OF COACHES AT ALMA MATER

We wanted to examine the prevalence of coaching at one's alma mater. We thought that perhaps coaching at one's alma mater might be an accessible, viable and sustainable career pathway trajectory for women. Alumni of an institution are known entities and therefore have an established network. Lack of access to the old boy's network is an aspect that hinders women from gaining opportunity and access into head coaching positions. Alums also have social capital, know the institution, are effective recruiters, are loyal to the program and can provide program continuity. Given the many barriers women coaches face (LaVoi, 2016), female alumnae might have a less complicated pathway when seeking jobs at their alma mater. We wanted to see if the rate of women versus men coaching women's teams at their alma maters could provide insight into this phenomena. Table 6 illustrates the results (49 coaches were excluded, 37 men and 12 women, due to no alma mater information in their online biographies, N = 3492).

Based on the data, it is clear women do not have an advantage in holding head coaching positions at their alma mater. Not only is the rate similar for women (14.5%) and men (14.3%), but for all the coaches who coach at their alma mater (n = 509), women comprise less than half (42.2%, 215 of 509) of that group. This is striking because while the men are alums, they did not play on the women's teams they are coaching. What these data indicate is that men have a dual career pathway to coach at the NCAA D-I level at their alma maters, whereas women alumnae do not. Men are provided the opportunity to coach both men's and women's teams, whereas Wilson (2017) has documented that nearly all (\sim 97%) men's teams are coached by men. For the 3% of women who coach men, a handful might be coaching at their alma mater. More research is needed. So

what we thought might be a positive, viable, and exciting career trajectory to encourage or explore for women in the coaching profession, turned out to be another pathway that advantages and privileges men.

TABLE 6. NUMBER AND PERCENTAGE OF DIVISION-I COACHES WORKING AT THEIR ALMA MATER BY GENDER

	Female		Male		Total	
At Alma Mater	%	n	%	n	%	N
2017 - 2018 Coaches at Alma Mater	14.0	204	14.9	302	14.5	506/3486
2018 - 2019 Coaches at Alma Mater	14.5	215	14.3	294	14.4	509/3541

FAMILY NARRATIVES

We also examined the family narratives which are included within the institution's official online coach biographies. Family narratives were defined as an explicit mention of a spouse, partner, children and/or use of the generic term "family." Based on the data, women are less likely to include family narratives in their biographies (41.7%) than men (60.8%). The number of head coaches who include family narratives in their biographies are in Table 7 (23 coaches were excluded, 5 women and 18 men, due to no biography, *N*=3518).

TABLE 7. NUMBER AND PERCENTAGE OF DIVISION-I COACHES WITH FAMILY NARRATIVES IN BIOGRAPHIES 2018-2019

	Female		Ma	ale	Total		
	% n		%	n	%	N	
Family Narrative	41.7	619	60.8	1237	52.8	1856	
No Family Narrative	58.3	866	39.2	796	47.2	1662	
Total	100	1485	100	2033	100	3518	

The prevalence of homophobia and heteronormativity in the sporting world is well documented (Norman 2016). In 2011, Calhon, LaVoi and Johnson examined NCAA D-I and D-III (n=1902) intercollegiate head coach biographies of women's teams and found a near absence of lesbian, gay, bisexual, and transgender (LGBT) coaches. In fact, 2 of 1902 (0.1%, 1 female, 1 male, both D-I) of the coach biographies indicated an explicit same sex partner. This is significantly less than the 4.5% of adult Americans who identify as LGBT according to a 2017 Gallup poll. Given the cultural shift toward equality for LGBT individuals such as the 2015 legalization of same-sex marriage in all 50 states, we thought that perhaps there would be more open and explicitly out LGBT coaches in our current dataset. To track change, types of family narratives were collected, Table 8 illustrates the results.

Of the head coaches with family narratives (n=1856) in their biographies, a majority were heterosexual (92.5%). There was an increase in the over all number of same-sex narratives (n=18) from Calhoun et al, (2011), all were female coaches.

TABLE 8. NUMBER AND PERCENTAGE OF FAMILY NARRATIVE TYPE BY GENDER FOR DIVISION-I COACHES 2018-2019

	Female		Ma	ale	Total		
	%	n	%	n	%	N	
Heterosexual Narrative	86.8	537	95.4	1180	92.5	1717	
Same-Sex Narrative	2.9	18	0	0	1.0	18	
Generic Mention of "Family"	1.0	6	0.3	4	0.54	10	
Children Only Mentioned	9.4	58	4.3	53	6	111	
Total	100	619	100	1237	100	1856	

The last component of family narrative examined was whether or not children were mentioned in the coach biography. Women's commitments to family, desire to start families and less time to devote to coaching due to children are common blame-the-women narratives for the lack of women coaches (Kane & LaVoi, 2018; LaVoi, 2016). Table 9 gives the number of head coaches with children by gender of coach. It is important to note that due to the number of coach biographies that did not include family narratives (n=1662), it is possible there are more coaches with children.

Overall, 44.5% of all head coaches in this sample (1577/3541) explicitly mention having children in their biographies. The percent of women who explicitly mention children in their biographies (33.5%) is less than men (52.6%). The difference between men and women with children suggests that although many women are successfully both a coach and a parent, more support is needed for female coaches with children. Examining and adjusting family policies to ensure parent-coaches are supported is one way to benefit not only female coaches but all parent-coaches, including men.

TABLE 9. NUMBER AND PERCENTAGE OF BIOGRAPHIES WITH CHILDREN MENTIONED BY GENDER FOR DIVISION-I COACHES 2018-2019

Fen	nale	Male		To	tal
%	n	%	n	%	N
33.5	499/1491	52.6	1078/2050	44.5/3541	1577

COACHING STAFF COMPOSITION

In addition to information regarding head coaches, the *2018-2019 Women in College Coaching Report Card* data included the composition of coaching staffs. We examined if the sex of the head coach was related to the composition of the coaching staff.

Data was collected in tandem with the head coach information between November 1st, 2018 and January 1st, 2019, by visiting each institution's athletics website and reviewing the coaching roster/staff for the 2018-19 academic year for each women's NCAA-sponsored and NCAA-emerging sport team listed. All individuals listed on the coaching roster as an associate or assistant coach were recorded. Graduate assistants, volunteer coaches, trainers, recruitment positions, director of operations and technical support staff were not included. An individual who occupied an assistant coach position for two sports (e.g., assistant coach for track & field and cross country) was coded as two separate coaches.

A single-sex coaching staff (i.e. all-female and all-male) was defined as a team with a head coach, at least one assistant coach and all members on staff were the same sex. The criteria excluded teams which only had a head coach (i.e. diving). Based on the data there were 507 all-female and 480 all-male coaching staffs in this NCAA D-I sample, Table 10 illustrates the results. When looking at teams which consist of only a head coach, 206 are coached by women and 363 are coached by men. Overall, 843 (23.8%) D-I women's athletics teams do not have *any* female coaches on staff.

A few sports have a large majority of all-female staffs (see Table 10) such as field hockey and lacrosse, sports that also earn an A grade. Unfortunately, the sports most commonly sponsored have very few all-female staffs; soccer, volleyball and track & field. Swimming & diving and track & field typically have 5-6 coaches on staff, indicating numerous opportunities to hire women, and yet nearly one-fifth of those coaching staffs are *all men*. Based on the data, women head coaches, who are in the minority, are more likely to hire women. One-third (34%, 507/1491) of women head coaches have all-female staffs.

TABLE 10. NUMBER AND PERCENTAGE OF ALL-FEMALE AND ALL-MALE COACHING STAFF BY SPORT FOR 2018-2019

	All-Fem	nale Staff	All-Ma	ile Staff	Total Teams
Sport	%	n	%	n	N
Alpine Skiing	0.0	0	72.7	8	11
Basketball	14.9	52	0.9	3	350
Beach Volleyball	16.9	10	25.4	15	59
Bowling	11.8	4	5.9	2	34
Cross Country	0.9	3	31.9	112	351
Diving	0.6	1	3.4	6	176
Equestrian	55.6	10	0.0	0	18
Fencing	0.0	0	48.1	13	27
Field Hockey	47.4	36	2.6	2	76
Golf	24.1	64	6.8	18	266
Nordic Skiing	0.0	0	70.0	7	10
Gymnastics	9.5	6	0.0	0	63
Ice Hockey	16.7	4	0.0	0	24
Lacrosse	72.6	82	0.0	0	113
Rifle	17.6	3	17.6	3	17
Rowing	12.6	11	4.6	4	87
Rugby	42.9	3	0.0	0	7
Soccer	8.1	27	17.4	58	334
Softball	41.6	123	3.4	10	296
Squash	0.0	0	40.0	4	10
Swimming	2.1	4	16.5	32	194
Tennis	11.3	35	21.2	66	311
Track	0.6	2	29.3	100	341
Volleyball	6.9	23	4.5	15	331
Water Polo	12.5	4	6.3	2	32
Total	14.3	507	13.6	480	3541

Summary

The goal of this research series is to document the percentage of women collegiate head coaches over time and complement and extend the excellent work in this area conducted by our colleagues. Data matters. The numerous and complex barriers women coaches experience are illuminated in the academic literature (for a full review see *Women in Sports Coaching*, edited by LaVoi, 2016) as well as in many other scholarly works and research reports.

Data in this second comprehensive report for all NCAA Division-I athletic conferences and member institutions begins to establish longitudinal patterns of percentages of women head coaches within NCAA Division-I athletics. Compared to data from 2017-2018, the overall percentage of women head coaches of women's teams is slightly higher (+0.4%). The good news is that the data is headed in the right direction—UP! The bad news is that the percentage of women coaches is not increasing in any *statistically significant way, and remains remarkably stagnant*. Change within any major social institution, happens slowly and over time, and sport is no exception. This data provides a benchmark and documentation to hold decision makers accountable, creates dialogue and awareness, focuses collective and collaborative efforts, and provides a roadmap for where to dedicate resources. Efforts must continue.

As with prior reports and in other NCAA Divisions, the percentage of women head coaches by institution, sport and conference *varied greatly*. However, with the celebration of and recognition that some intercollegiate workplaces employ a majority of women head coaches for their women's teams, room for improvement for those institutions and sports with failing grades is evident.

THE PLUS ONE (+1) CHALLENGE: TARGETS OF OPPORTUNITY

The purpose of the +1 Challenge is to involve all 351 institutions in reversing the stagnation of the percentage of women head coaches by putting forth a reachable challenge and goal. The overarching goal is to increase the percentage of women head coaches over the next five



years from 42.1% in 2019 to 50% by 2024. To hit 50% by 2024, the number of women head coaches must increase from 1490 to 1771, that is +281 women coaches over five years. If each NCAA D-I sample institution in this sample (n = 351) replaced one male head coach with a female, over the next five years, while maintaining the women head coaches they have by hiring a woman to replace a woman, the goal would not only be met, but surpassed! If 80% (281/351) of all institutions recorded a +1, the 50% goal by 2024 would be a reality. We are not saying fire men just to hire a woman! However, there are many targets of opportunity to hire a woman head coach: when a new sport is added, a male coach retires or leaves for another job, or yes, when he gets fired or his contract is not renewed.

One of the greatest targets of opporunity to hire women is retiring men. The average age for retirement in the US is 62. In this sample, currently there are 176 coaches (140 men, 36 women) between the ages 62-79, at or past average retirement age, who may likely retire in the next five years. In addition, there are 228 coaches (151 men, 77 women) between 57-61 years

old that will reach or surpass the average retirement age by 2024 (See Figure 1). That means if every male head coach in this sample currently between ages of 57-79 (291 of 3541, 8.2% of this sample) retired within the next five years, was replaced by a female, and all outgoing female coaches were replaced by a female, the +1 Challenge of 50% women head coaches of women's teams in NCAA D-I would be met and surpassed by 2024 (50.3%).

What does this mean for each institution? The +1 Challenge is achieveable and simple. 1) Replace *one* male head coach with a female head coach over the next five years and, 2) Replace all outgoing female head coaches with another female coach to maintain, rather than reverse, the percentage of women.

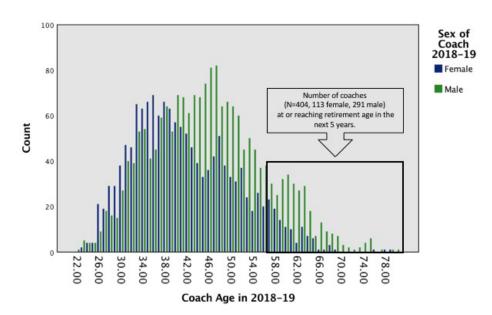


FIGURE 1. DISTRIBUTION OF NCAA D-1 HEAD COACHES BY AGE AND SEX

How the report card is making a difference

The data in this report can be used by institutions, athletics administrators, conference commissioners, and sport coaching associations to advocate for women coaches, track progress or decline in comparison to peer institutions, evaluate the effectiveness of strategies aimed at increasing the percentage of women coaches, and hold institutions and decision makers accountable in creating a gender-balanced workforce—especially for women's teams. It can also be used to start and continue discussion and educate and motivate decision makers to think differently about how they recruit, hire, and retain women coaches. Over the last seven years, we have had numerous and ongoing discussions about this topic with a variety of stakeholders at every level of sport. We feel these discussions help shift the focus to decision makers and organizational change, and away from the continual blaming of women for the lack of women coaches (e.g., women don't apply, women lack experience, women aren't interested in coaching, women "opt out") which has dominated women in coaching narratives (LaVoi, 2016). How decision makers discuss the stagnation of women in coaching matters because the way something

is framed influences how people process that information and what action is taken (or not) to address the issue. For example, based on recent data we found male athletic directors (ADs) attributed the lack of women coaches to women (e.g., lack of qualified female coaches, women aren't interested in coaching), while female ADs & senior women dministrators attributed the phenomena to structural factors (success of the old boys' club, conscious/unconscious discrimination in the hiring process) (Kane & LaVoi, 2018). That research is an example of how Tucker Center scholars are using data to educate and challenge these common blaming narratives, and this report card is another such effort.

In discussions with colleagues across the US we have learned about ways in which our reports are being used for social change, ways we could have never anticipated at its inception. Athletic administrators at institutions with A and B *Report Card* grades tell us that they showcase their grade as a "bragging right" to peers, colleagues, donors, trustees and college presidents. ADs also use it, along with institutional Alliance of Women Coaches memberships, to recruit and retain the most talented women, as an above average *Report Card* grade can be proof of a workplace climate that values inclusion and diversity and supports women. Women coaches tell us they use *Report Card* grades as one tool to help them assess workplace climate and goodness of fit when on the job market or making a career move.

In the past year, LaVoi and Wasend (2018) interviewed ADs with above average institutional grades (As and Bs) which is one indicator of a track record of recruiting, hiring and retaining women coaches. In short, these ADs valued women and explicitly tried to create a workplace culture where women felt valued, supported, appreciated, and cared about "on and of the court." Some caveats about *Report Card* grades are warranted. First, the institutional grade is reflective of one piece of the workplace; an above-average grade may not accurately reflect or guarantee a positive or healthy workplace climate for women, but it is a good general indicator. Additionally, ADs new to an institution, inherit a grade and it is neither fair nor productive to "blame" that person for a below average grade; conversely, some ADs inherit an above average grade. Similarly, some ADs are committed to hiring women, offer women the job but are turned down. Additional research is needed as to *why* women take or decline job offers. With the data, we can see over an AD's leadership tenure if the grade improves, is sustained, or if it declines. The *Report Card* data provides a visible mechanism of accountability.

Targets of opportunity for change

In our discussions with ADs and assessing six years of data it is clear that a coaching position vacancy provides the biggest target of opportunity to hire women. There are a four ways to realize the opportunity to increase the percentage of women coaches and to move up a grade level:

- Impact is greatest when a female is hired in a position previously occupied by a male.
- Hire a female head coach when an institution adds a new sport.
- Replace an outgoing female coach with another female.

• Change in Athletic Director leadership. Based on the previous Select 7 Division-I Report Cards, the institutions with the greatest rate of coach turnover from year-to-year are often institutions with a new Athletic Director.

Addressing Systemic Change

However, simply "adding more women" is only part of the solution. The greatest target of opportunity to create positive and sustainable social change is to confront the systemic bias that permeates collegiate athletics. Women coaches—no matter the sport, institution or level of competition—face a complex and multi-level (individual, interpersonal, organizational, societal) set of barriers and bias (Hollomon, 2016; LaVoi, 2016; Sabo et al., 2016). Systemic inequalities and gender and racial bias within the context of sport are prevalent. Bias, whether it is conscious or unconscious/implicit, results in unequal treatment, evaluation, perception, and interpretation that can result in overt, gross, or micro-level aggressions due to attitudes based on the sex of an employee or group of employees—in the case of this report, women coaches. The social construction of what it means "to coach" and the stereotypical behaviors and ideologies linked with coaching, are associated with men and masculinity (assertive, tough, confident, powerful). When women coaches "coach" they are often unfairly and negatively evaluated, perceived, and interpreted compared to their male counterparts—by Athletic Directors, media, peers, parents, and athletes. One trend to watch is the increasing prevalence of student athletes alleging coach mistreatment or abuse, which may have a gender, race, and age biases that disadvanatge women. Another example involving a high profile coach highlights gender bias. In a March 2019 ThinkProgress.org article, Notre Dame women's basketball head coach Muffet McGraw stated she was "done hiring men" (Gibbs. 2019). Many harshly and swiftly criticized McGraw for being sexist and discrminatory toward men. McGraw was simply stating she will only hire female assistants moving forward because, as she pointed out, women deserve the opportunity to coach, and are not being afforded the opportunities to do so on the men's side. In reality, McGraw was explicitly calling out a normalized hiring practice that male head coaches on the men's side do without scrunity, backlash, or punity—hire assistants just like them—other men. Few, if any, would call Duke men's basketball coach Mike Krzyzewski sexist or scrutinize him when he hires all male assistants. This double standard is an example of gender bias in action.

Based on the data, female coaches perceive gender bias very differently and feel it is more pervasive than do their male counterparts; foremost, women coaches perceive it exists, while a majority of their male colleagues do not (Sabo et al., 2016). The prevalent and systemic bias in college athletics creates an unpleasant workplace climate for many women and is one reason why women do not enter the coaching profession, are often silenced for speaking out against it, or are driven out by those in power when they call attention to injustice or discrimination. The failure to address bias, and structural and systemic inqualities are likely reasons that dramatic and statistically significant upward change in the percentage of women head coaches fails to occur. It is simply not possible that as each new generation of females becomes increasingly involved in and shaped by their sport experience, they simultaneously become less interested, less passionate, and less qualified to enter the coaching profession. We can do better.

Conclusion

Together, the Tucker Center for Research on Girls & Women in Sport at the University of Minnesota and WeCOACH—along with other organizations, groups and individuals—are striving to increase the percentage of women college coaches, generate awareness, continue a national dialogue, and recruit, support and retain women in the coaching profession. Our vision is that more young women (and men) have female coaches as role models and coaching becomes a more gender-balanced profession. Women who aspire to coach should have legitimate opportunities to enter the workforce, experience a supportive, inclusive and positive work climate when they do, and be paid accordingly and fairly for their expertise. Our efforts aspire to the tagline from the Wellesley Centers for Women: "A world that is good for women is good for everyone"."

To view and download this report and others, go to www.TuckerCenter.org.

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APPENDIX A

NCAA DIVISION I CONFERENCE COMPOSITION 2018-19

America East Conference

Binghamton University Stony Brook University University at Albany - State University of New York

University of New York
University of Hartford

University of Maine University of Maryland, Baltimore County University of Massachusetts,

Lowell

University of New Hampshire, Durham

University of Vermont

American Athletics Conference (American)

East Carolina University Southern Methodist University Temple University

Temple University Tulane University University of Central Florida University of Cincinnati University of Connecticut University of Houston University of Memphis University of South Florida University of Tulsa Wichita State University

Atlantic 10 Conference

Davidson College Duquesne University Fordham University George Mason University George Washington University

La Salle University

St. Bonaventure University Saint Joseph's University Saint Louis University University of Dayton University of Massachusetts,

Amherst

University of Rhode Island University of Richmond Virginia Commonwealth

University

Atlantic Coast Conference (ACC)

Boston College Clemson University Duke University Florida State University Georgia Institute of Technology North Carolina State University Syracuse University University of Louisville University of Miami University of North Carolina at

Chapel Hill University of Notre Dame University of Pittsburgh University of Virginia Virginia Polytechnic Institute and State University Wake Forest University

Atlantic Sun Conference (ASUN)

Florida Gulf Coast University Jacksonville University Kennesaw State University Lipscomb University New Jersey Institute of Technology Stetson University University of North Florida

University of South Carolina Upstate

Big 10 Conference

Indiana University Michigan State University Northwestern University Ohio State University Pennsylvania State University Purdue University Rutgers University University of Illinois University of Iowa University of Maryland University of Michigan
University of Minnesota
University of Nebraska, Lincoln
University of Wisconsin,
Madison

Big 12 Conference

Baylor University Iowa State University Kansas State University Oklahoma State University Texas Christian University Texas Tech University University of Kansas University of Oklahoma University of Texas at Austin West Virginia University

Big East Conference

Butler University Creighton University DePaul University Georgetown University

Marquette University Providence College St. John's University Seton Hall University Villanova University Xavier University

Big Sky Conference

California State University, Sacramento Eastern Washington University Idaho State University Montana State University

Northern Arizona University Portland State University Southern Utah University University of Idaho University of Montana

University of North Dakota University of Northern Colorado Weber State University

Big South Conference

Campbell University Charleston Southern University Gardner-Webb University High Point University

Liberty University Longwood University Presbyterian College Radford University

University of North Carolina at Asheville Winthrop University

Big West Conference

California Polytechnic State University

Fullerton

California State University,

California State University, Long Beach

California State University, Northridge

University of California, Davis University of California, Irvine

University of California,

Riverside

University of California, Santa Barbara

University of Hawaii at Manoa

Colonial Athletic Association (Colonial)

College of Charleston College of William & Mary **Drexel University**

Elon University

Hofstra University James Madison University Northeastern University **Towson University**

University of Delaware University of North Carolina, Wilmington

Conference USA

Florida Atlantic University Florida International University Louisiana Tech University Marshall University Middle Tennessee State

University

Old Dominion University

Rice University University of Alabama at Birmingham

University of North Carolina at Charlotte

University of North Texas

University of Southern Mississippi

University of Texas at El Paso University of Texas at San

Antonio

Western Kentucky University

Horizon League

Cleveland State University University of Detroit Mercy University of Wisconsin - Green

University of Wisconsin -Milwaukee

Oakland University University of Illinois at Chicago Wright State University Youngstown State University

Bay

Northern Kentucky University

Indiana University - Purdue

University, Indianapolis

Ivy League

Brown University Columbia University Cornell University

Dartmouth College Harvard University Princeton University University of Pennsylvania

Yale University

Metro Atlantic Athletic Conference (MAAC)

Canisius College Fairfield University Iona College Manhattan College Marist College Monmouth University Niagara University Quinnipiac University

Rider University Saint Peter's University Siena College

Mid-American Conference

Ball State University Bowling Green State University Central Michigan University Eastern Michigan University Kent State University

Miami University Northern Illinois University Ohio University University at Buffalo - State

University of New York

University of Akron University of Toledo Western Michigan University

Mid-Eastern Athletic Conference

Bethune-Cookman University Coppin State University **Delaware State University** Florida A&M University Hampton University **Howard University**

Morgan State University Norfolk State University North Carolina A&T State

University North Carolina Central University

Savannah State University South Carolina State University University of Maryland Eastern Shore

Missouri Valley Conference

Bradley University Drake University Illinois State University Indiana State University Loyola University - Chicago Missouri State University Southern Illinois University University of Evansville

University of Northern Iowa Valparaiso University

Mountain West Conference

Boise State University United State Air Force Academy

California State University, Fresno

Colorado State University San Diego State University San Jose State University University of Nevada, Reno University of Nevada, Las Vegas University of New Mexico University of Wyoming **Utah State University**

Northeast Conference

Bryant University
Central Connecticut State
University

Fairleigh Dickinson University

Long Island University -Brooklyn Mount St. Mary's University

Robert Morris University Sacred Heart University Saint Francis University (Pennsylvania) St. Francis College of Brooklyn Wagner College

Ohio Valley Conference

Austin Peay State University Belmont University Eastern Illinois University Eastern Kentucky University Jacksonville State University Morehead State University Murray State University Southeast Missouri State University Southern Illinois University, Edwardsville Tennessee State University Tennessee Technological University University of Tennessee at Martin

Pacific-12 Conference (Pac 12)

Arizona State University Oregon State University Stanford University University of Arizona University of California, Berkeley University of California, Los Angeles University of Colorado, Boulder University of Oregon University of Southern California University of Utah University of Washington Washington State University

Patriot League

American University Boston University Bucknell University Colgate University College of the Holy Cross Lafayette College Lehigh University Loyola University - Maryland United State Military Academy United States Naval Academy

Southeastern Conference (SEC)

Auburn University Louisiana State University Mississippi State University Texas A&M University University of Alabama University of Arkansas University of Florida University of Georgia University of Kentucky University of Mississippi University of Missouri University of South Carolina University of Tennessee Vanderbilt University

Southern Conference

The Citadel
East Tennessee State
University
Furman University

Mercer University Samford University University of North Carolina at Greensboro University of Tennessee at Chattanooga Virginia Military Institute Western Carolina University Wofford College **Southland Conference**

Abilene Christian University Houston Baptist University Lamar University McNeese State University Nicholls State University Northwestern State University Sam Houston State University Southeastern Louisiana University Stephen F. Austin State University Texas A&M University - Corpus Christi University of Central Arkansas University of the Incarnate Word University of New Orleans

Summit League

Indiana University - Purdue University, Fort Wayne North Dakota State University Oral Roberts University South Dakota State University University of Denver University of Nebraska, Omaha University of South Dakota Western Illinois University

Sun Belt Conference

Appalachian State University Arkansas State University Coastal Carolina University Georgia Southern University Texas State University Troy University
University of Arkansas at Little
Rock
University of Louisiana at
Lafayette

University of Louisiana at Monroe University of South Alabama University of Texas at Arlington

Southwestern Athletic Conference (SWAC)

Alabama A&M University Alabama State University Alcorn State University Grambling State University Jackson State University Mississippi Valley State University Prairie View A&M University Southern University, Baton Rouge Texas Southern University University of Arkansas at Pine Bluff

Western Athletic Conference (WAC)

California State University, Bakersfield Chicago State University Grand Canyon University New Mexico State University Seattle University University of Missouri - Kansas City University of Texas Rio Grande Valley Utah Valley University

West Coast Conference (WCC)

Brigham Young University Gonzaga University Loyola Marymount University Pepperdine University Saint Mary's College Santa Clara University University of the Pacific University of Portland University of San Diego University of San Francisco

APPENDIX B

GRADE, PERCENTAGE, AND NUMBER OF WOMEN HEAD COACHES BY INSTITUTION 2018-19

		Fen	Female		Male		
School	Grade	%	n	%	n	N	
Florida A&M	A	85.7%	6	14.3%	1	7	
Quinnipiac University	A	81.8%	9	18.2%	2	11	
Cincinnati	A	80.0%	8	20.0%	2	10	
Saint Joseph's University	Α	77.8%	7	22.2%	2	9	
UCF Central Florida	Α	77.8%	7	22.2%	2	9	
Lafayette	A	75.0%	9	25.0%	3	12	
Southern Illinois, Carbondale	Α	75.0%	6	25.0%	2	8	
Texas Southern	Α	75.0%	6	25.0%	2	8	
Texas State	Α	75.0%	6	25.0%	2	8	
University of Missouri-Kansas City	Α	75.0%	6	25.0%	2	8	
Monmouth University	Α	72.7%	8	27.3%	3	11	
Washington	Α	72.7%	8	27.3%	3	11	
Princeton	Α	72.2%	13	27.8%	5	18	
Tennessee State	Α	71.4%	5	28.6%	2	7	
Coastal Carolina	Α	70.0%	7	30.0%	3	10	
Oklahoma	Α	70.0%	7	30.0%	3	10	
University of San Diego	Α	70.0%	7	30.0%	3	10	
Boston University	В	69.2%	9	30.8%	4	13	
California (Berkeley)	В	68.8%	11	31.3%	5	16	
Indiana State	В	66.7%	6	33.3%	3	9	
North Carolina Asheville	В	66.7%	6	33.3%	3	9	
Tennessee	В	66.7%	8	33.3%	4	12	
George Washington University	В	66.7%	8	33.3%	4	12	
Minnesota	В	64.3%	9	35.7%	5	14	
Delaware State	В	63.6%	7	36.4%	4	11	
Illinios	В	63.6%	7	36.4%	4	11	
SMU Southern Methodist	В	63.6%	7	36.4%	4	11	
St. Francis College Brooklyn	В	63.6%	7	36.4%	4	11	
Alabama A&M	В	62.5%	5	37.5%	3	8	
Bethune-Cookman	В	62.5%	5	37.5%	3	8	
California, Davis	В	62.5%	10	37.5%	6	16	
Eastern Kentucky	В	62.5%	5	37.5%	3	8	
Houston Baptist University	В	62.5%	5	37.5%	3	8	
South Florida	В	62.5%	5	37.5%	3	8	
Southeast Missouri State	В	62.5%	5	37.5%	3	8	
University of Hartford	В	62.5%	5	37.5%	3	8	
University of Montana	В	62.5%	5	37.5%	3	8	
Virginia Commonwealth	В	62.5%	5	37.5%	3	8	
Brown	В	61.9%	13	38.1%	8	21	
California State, Fresno	В	61.5%	8	38.5%	5	13	

		Female		Male		
School	Grade	%	n	%	n	N
San Diego State	В	61.5%	8	38.5%	5	13
Binghamton University	В	60.0%	6	40.0%	4	10
California State, Bakersfield	В	60.0%	6	40.0%	4	10
Central Michigan	В	60.0%	6	40.0%	4	10
Columbia	В	60.0%	9	40.0%	6	15
Davidson College	В	60.0%	6	40.0%	4	10
Loyola, Maryland	В	60.0%	6	40.0%	4	10
Miami	В	60.0%	6	40.0%	4	10
Nevada, Las Vegas	В	60.0%	6	40.0%	4	10
North Florida	В	60.0%	6	40.0%	4	10
Northeastern University	В	60.0%	6	40.0%	4	10
Northern Colorado	В	60.0%	6	40.0%	4	10
Stetson University	В	60.0%	6	40.0%	4	10
University of Rhode Island	В	60.0%	6	40.0%	4	10
Valparaiso University	В	60.0%	6	40.0%	4	10
Long Island - Brooklyn Campus	В	58.3%	7	41.7%	5	12
Saint Francis (Pennsylvania)	В	58.3%	7	41.7%	5	12
University of Illinois at Chicago	В	58.3%	7	41.7%	5	12
Eastern Washington University	В	57.1%	4	42.9%	3	7
High Point University	В	57.1%	4	42.9%	3	7
Indiana University-Purdue University,	В	57.1%	4	42.9%	3	7
Fort Wayne						
Jackson State	В	57.1%	4	42.9%	3	7
Rice University	В	57.1%	4	42.9%	3	7
San Jose State	В	57.1%	8	42.9%	6	14
South Carolina State	В	57.1%	4	42.9%	3	7
UCLA	В	57.1%	8	42.9%	6	14
Appalachian State	В	55.6%	5	44.4%	4	9
Austin Peay State University	В	55.6%	5	44.4%	4	9
Northern Illinois	В	55.6%	5	44.4%	4	9
Old Dominion University	В	55.6%	5	44.4%	4	9
Prairie View A&M	В	55.6%	5	44.4%	4	9
Southern Mississippi	В	55.6%	5	44.4%	4	9
University at Albany	В	55.6%	5	44.4%	4	9
Washington State	В	55.6%	5	44.4%	4	9
Western Michigan	В	55.6%	5	44.4%	4	9
Alabama at Birmingham	С	54.5%	6	45.5%	5	11
Bowling Green State	С	54.5%	6	45.5%	5	11
California Polytechnic	С	54.5%	6	45.5%	5	11
Florida Atlantic University	С	54.5%	6	45.5%	5	11
Florida International	С	54.5%	6	45.5%	5	11
Florida State	С	54.5%	6	45.5%	5	11
Maryland	С	54.5%	6	45.5%	5	11

		Fen	Female Male		ale	
School	Grade	%	n	%	n	N
Colgate	С	53.8%	7	46.2%	6	13
Delaware	С	53.8%	7	46.2%	6	13
Georgetown	С	53.8%	7	46.2%	6	13
Lehigh University	С	53.8%	7	46.2%	6	13
Towson University	С	53.8%	7	46.2%	6	13
Virginia	С	53.8%	7	46.2%	6	13
Michigan	С	53.3%	8	46.7%	7	15
Yale	С	52.9%	9	47.1%	8	17
Darmouth	С	52.6%	10	47.4%	9	19
Califoria, Irvine	С	50.0%	4	50.0%	4	8
California, Fullerton	С	50.0%	4	50.0%	4	8
Charleston Southern University	С	50.0%	4	50.0%	4	8
Clemson	С	50.0%	4	50.0%	4	8
College of Charleston (South Carolina)	С	50.0%	5	50.0%	5	10
Colorado	С	50.0%	5	50.0%	5	10
Duke	С	50.0%	7	50.0%	7	14
Eastern Michigan	С	50.0%	5	50.0%	5	10
Georgia Tech	С	50.0%	4	50.0%	4	8
Gonzaga	С	50.0%	4	50.0%	4	8
Harvard	С	50.0%	10	50.0%	10	20
Idaho State	С	50.0%	4	50.0%	4	8
James Madison University	С	50.0%	7	50.0%	7	14
Lamar University	С	50.0%	4	50.0%	4	8
Longwood University	С	50.0%	4	50.0%	4	8
Massachusetts Lowell	С	50.0%	4	50.0%	4	8
Miami University (Ohio)	С	50.0%	5	50.0%	5	10
Mount St. Mary's University	С	50.0%	6	50.0%	6	12
New Hampshire	С	50.0%	7	50.0%	7	14
North Carolina at Greensboro	С	50.0%	4	50.0%	4	8
North Carolina State	С	50.0%	6	50.0%	6	12
Northwestern	С	50.0%	6	50.0%	6	12
Oregon State	С	50.0%	5	50.0%	5	10
Presbyterian College	С	50.0%	4	50.0%	4	8
Rutgers	С	50.0%	7	50.0%	7	14
Stanford	С	50.0%	9	50.0%	9	18
Texas at San Antonio	С	50.0%	4	50.0%	4	8
University at Buffalo, the State University of New York	С	50.0%	4	50.0%	4	8
University of New Orleans	С	50.0%	3	50.0%	3	6
University of Portland	С	50.0%	4	50.0%	4	8
University of Richmond	С	50.0%	5	50.0%	5	10
Wake Forest	С	50.0%	4	50.0%	4	8

		Female		Male		
School	Grade	%	n	%	n	N
Ohio State	С	47.1%	8	52.9%	9	17
North Carolina	С	46.7%	7	53.3%	8	15
Penn State	С	46.7%	7	53.3%	8	15
Villanova	С	46.2%	6	53.8%	7	13
lowa	С	46.2%	6	53.8%	7	13
Michigan State	С	46.2%	6	53.8%	7	13
New Mexico	С	46.2%	6	53.8%	7	13
Bryant University	С	45.5%	5	54.5%	6	11
College of William and Mary	С	45.5%	5	54.5%	6	11
Grand Canyon University	С	45.5%	5	54.5%	6	11
Illinois State	С	45.5%	5	54.5%	6	11
Liberty University	С	45.5%	5	54.5%	6	11
Loyola Marymount	С	45.5%	5	54.5%	6	11
Massachusetts, Amherst	С	45.5%	5	54.5%	6	11
Missouri State	С	45.5%	5	54.5%	6	11
Nevada, Reno	С	45.5%	5	54.5%	6	11
Niagara University	С	45.5%	5	54.5%	6	11
North Carolina Wilmington	С	45.5%	5	54.5%	6	11
Temple	С	45.5%	5	54.5%	6	11
University of Vermont	С	45.5%	5	54.5%	6	11
California, Sana Barbara	С	44.4%	4	55.6%	5	9
Central Arkansas	С	44.4%	4	55.6%	5	9
Central Connecticut State	С	44.4%	4	55.6%	5	9
Drake	С	44.4%	4	55.6%	5	9
East Tennessee State	С	44.4%	4	55.6%	5	9
Eastern Illinois	С	44.4%	4	55.6%	5	9
Georgia State	С	44.4%	4	55.6%	5	9
Hofstra University	С	44.4%	4	55.6%	5	9
Manhattan College	С	44.4%	4	55.6%	5	9
Mississippi	С	44.4%	4	55.6%	5	9
North Carolina at Charlotte	С	44.4%	4	55.6%	5	9
Radford University	С	44.4%	4	55.6%	5	9
Robert Morris University	С	44.4%	4	55.6%	5	9
Seton Hall	С	44.4%	4	55.6%	5	9
Stephen F. Austin State	С	44.4%	4	55.6%	5	9
University of Dayton	С	44.4%	4	55.6%	5	9
Winthrop University	С	44.4%	4	55.6%	5	9
Bradley	С	42.9%	3	57.1%	4	7
College of the Holy Cross	С	42.9%	6	57.1%	8	14
DePaul	С	42.9%	3	57.1%	4	7
Loyola University Chicago	С	42.9%	3	57.1%	4	7
Marquette	С	42.9%	3	57.1%	4	7

		Fen	nale	M		
School	Grade	%	n	%	n	N
Nebraska	С	42.9%	6	57.1%	8	14
Nicholls State	С	42.9%	3	57.1%	4	7
Southern Illinois, Edwardsville	С	42.9%	3	57.1%	4	7
Southern University, Baton Rouge	С	42.9%	3	57.1%	4	7
Tennessee Tech	С	42.9%	3	57.1%	4	7
Texas at Arlington	С	42.9%	3	500.0%	4	7
Wright State	С	42.9%	3	57.1%	4	7
Sacred Heart University	С	42.1%	8	57.9%	11	19
Ball State	С	41.7%	5	58.3%	7	12
Florida	С	41.7%	5	58.3%	7	12
Wisconsin	С	41.7%	5	58.3%	7	12
South Carolina	С	41.7%	5	58.3%	7	12
Texas Christian University	С	41.7%	5	58.3%	7	12
U.S. Naval Academy	С	41.7%	5	58.3%	7	12
Cornell	С	41.2%	7	58.8%	10	17
Arizona State	С	40.0%	6	60.0%	9	15
Campbell University	С	40.0%	4	60.0%	6	10
Canisius College	С	40.0%	4	60.0%	6	10
Elon University	С	40.0%	4	60.0%	6	10
Fordham University	С	40.0%	4	60.0%	6	10
Mercer University	С	40.0%	4	60.0%	6	10
New Mexico State University	С	40.0%	4	60.0%	6	10
Oakland University	С	40.0%	4	60.0%	6	10
Ohio University	С	40.0%	4	60.0%	6	10
Oregon	С	40.0%	4	60.0%	6	10
Rider University	С	40.0%	4	60.0%	6	10
Saint Louis University	С	40.0%	4	60.0%	6	10
South Dakota State	С	40.0%	4	60.0%	6	10
Stony Brook	С	40.0%	4	60.0%	6	10
Tulane	С	40.0%	4	60.0%	6	10
Boise State	D	38.5%	5	61.5%	8	13
Louisville	D	38.5%	5	61.5%	8	13
Wagner College	D	38.5%	5	61.5%	8	13
Connecticut	D	38.5%	5	61.5%	8	13
LSU	D	38.5%	5	61.5%	8	13
Notre Dame	D	38.5%	5	61.5%	8	13
Abilene Christian University	D	37.5%	3	62.5%	5	8
Alcorn State	D	37.5%	3	62.5%	5	8
Arkansas at Little Rock	D	37.5%	3	62.5%	5	8
Boston College	D	37.5%	6	62.5%	10	16
California, Riverside	D	37.5%	3	62.5%	5	8
Lipscomb University	D	37.5%	3	62.5%	5	8
McNeese State	D	37.5%	3	62.5%	5	8

		Fen	nale	Ma		
School	Grade	%	n	%	n	N
Mississippi State	D	37.5%	3	62.5%	5	8
Murray State	D	37.5%	3	62.5%	5	8
Northern Kentucky University	D	37.5%	3	62.5%	5	8
Portland State	D	37.5%	3	62.5%	5	8
Texas Tech	D	37.5%	3	62.5%	5	8
Troy University	D	37.5%	3	62.5%	5	8
Weber State University	D	37.5%	3	62.5%	5	8
Western Carolina	D	37.5%	3	62.5%	5	8
Wofford College	D	37.5%	3	62.5%	5	8
Brigham Young University	D	36.4%	4	63.6%	7	11
Duquesne University	D	36.4%	4	63.6%	7	11
Georgia Southern	D	36.4%	4	63.6%	7	11
Jacksonville University	D	36.4%	4	63.6%	7	11
Texas A & M	D	36.4%	4	63.6%	7	11
U.S. Air Force Academy	D	36.4%	4	63.6%	7	11
University of Akron	D	36.4%	4	63.6%	7	11
University of Denver	D	36.4%	4	63.6%	7	11
University of the Incarnate Word	D	36.4%	4	63.6%	7	11
Bucknell	D	35.7%	5	64.3%	9	14
Utah	D	35.7%	5	64.3%	9	14
Alabama State	D	33.3%	3	66.7%	6	9
American University	D	33.3%	3	66.7%	6	9
Georgia	D	33.3%	4	66.7%	8	12
Hawaii, Manoa	D	33.3%	4	66.7%	8	12
Marist College	D	33.3%	4	66.7%	8	12
Southern utah University	D	33.3%	3	66.7%	6	9
Tennessee at Martin	D	33.3%	3	66.7%	6	9
The Citadel	D	33.3%	2	66.7%	4	6
University of Maine, Orono	D	33.3%	3	66.7%	6	9
Auburn	D	33.3%	4	66.7%	8	12
Furman University	D	33.3%	3	66.7%	6	9
Maryland, Baltimore County	D	33.3%	3	66.7%	6	9
Memphis	D	33.3%	3	66.7%	6	9
Northern Arizona University	D	33.3%	3	66.7%	6	9
St John's	D	33.3%	3	66.7%	6	9
U Penn	D	31.3%	5	68.8%	11	16
Indiana	D	30.8%	4	69.2%	9	13
USC	D	30.8%	4	69.2%	9	13
California, Northridge	D	30.0%	3	70.0%	7	10
Drexel University	D	30.0%	3	70.0%	7	10
Fairleigh Dickinson, Metropolitan	D	30.0%	3	70.0%	7	10
Campus						

	Female			M		
School	Grade	%	n	%	n	N
Florida Gulf Coast University	D	30.0%	3	70.0%	7	10
Houston	D	30.0%	3	70.0%	7	10
Indiana University-Purdue University,	D	30.0%	3	70.0%	7	10
Indianapolis						
Kennesaw State University	D	30.0%	3	70.0%	7	10
Long Beach State University	D	30.0%	3	70.0%	7	10
Nebraska Omaha	D	30.0%	3	70.0%	7	10
Northern Iowa	D	30.0%	3	70.0%	7	10
Pepperdine	D	30.0%	3	70.0%	7	10
Pittsburgh	D	30.0%	3	70.0%	7	10
Purdue	D	30.0%	3	70.0%	7	10
Seattle University	D	30.0%	3	70.0%	7	10
University of Toledo	D	30.0%	3	70.0%	7	10
Western Illinois	D	30.0%	3	70.0%	7	10
Belmont University	D	28.6%	2	71.4%	5	7
Chicago State University	D	28.6%	2	71.4%	5	7
Coppin State	D	28.6%	2	71.4%	5	7
La Salle University	D	28.6%	4	71.4%	10	14
Lousiana at Lafayette	D	28.6%	2	71.4%	5	7
Mississippi Valley State	D	28.6%	2	71.4%	5	7
North Dakota State	D	28.6%	2	71.4%	5	7
Oral Roberts	D	28.6%	2	71.4%	5	7
Utah Valley University	D	28.6%	2	71.4%	5	7
Wichita State	D	28.6%	2	71.4%	5	7
Arkansas	D	27.3%	3	72.7%	8	11
E. Carolina	D	27.3%	3	72.7%	8	11
George Mason University	D	27.3%	3	72.7%	8	11
Howard University	D	27.3%	3	72.7%	8	11
Iona College	D	27.3%	3	72.7%	8	11
Kansas	D	27.3%	3	72.7%	8	11
Missouri	D	27.3%	3	72.7%	8	11
Providence	D	27.3%	3	72.7%	8	11
Texas	D	27.3%	3	72.7%	8	11
Virginia Tech	D	27.3%	3	72.7%	8	11
Alabama	D	25.0%	3	75.0%	9	12
Creighton	D	25.0%	2	75.0%	6	8
Fairfield University	D	25.0%	3	75.0%	9	12
Grambling State	D	25.0%	2	75.0%	6	8
Kansas State	D	25.0%	2	75.0%	6	8
Louisiana Tech University	D	25.0%	2	75.0%	6	8
Lousiana at Monroe	D	25.0%	2	75.0%	6	8
Maryland Eastern Shore	D	25.0%	2	75.0%	6	8
Middle Tennessee State	D	25.0%	2	75.0%	6	8

		Female Male		ale		
School	Grade	%	n	%	n	N
Montana State - Bozeman	D	25.0%	2	75.0%	6	8
Morehead State	D	25.0%	2	75.0%	6	8
North Carolina A&T State	D	25.0%	2	75.0%	6	8
Samford University	D	25.0%	2	75.0%	6	8
Siena College	D	25.0%	3	75.0%	9	12
South Alabama	D	25.0%	2	75.0%	6	8
South Carolina Upstate	D	25.0%	2	75.0%	6	8
Tennessee at Chattanooga	D	25.0%	2	75.0%	6	8
University of San Francisco	D	25.0%	2	75.0%	6	8
Utah State	D	25.0%	2	75.0%	6	8
Wisconsin-Milwaukee	D	25.0%	2	75.0%	6	8
Xavier	D	25.0%	2	75.0%	6	8
Baylor	F	22.2%	2	77.8%	7	9
Sam Houston State	F	22.2%	2	77.8%	7	9
St. Bonaventure University	F	22.2%	2	77.8%	7	9
St. Mary's College of California	F	22.2%	2	77.8%	7	9
Texas A&M - Corpus Christi	F	22.2%	2	77.8%	7	9
Tulsa	F	22.2%	2	77.8%	7	9
University of Idaho	F	22.2%	2	77.8%	7	9
Vanderbilt	F	22.2%	2	77.8%	7	9
Colorado State	F	20.0%	2	80.0%	8	10
Gardner - Webb University	F	20.0%	2	80.0%	8	10
Marshall University	F	20.0%	2	80.0%	8	10
South Dakota	F	20.0%	2	80.0%	8	10
University of North Texas	F	20.0%	2	80.0%	8	10
Butler	F	18.2%	2	81.8%	9	11
California State, Sacramento	F	18.2%	2	81.8%	9	11
Cleveland State	F	18.2%	2	81.8%	9	11
Iowa State	F	18.2%	2	81.8%	9	11
Santa Clara University	F	18.2%	2	81.8%	9	11
Syracuse	F	18.2%	2	81.8%	9	11
U.S. Military Academy	F	18.2%	2	81.8%	9	11
Youngstown State	F	18.2%	2	81.8%	9	11
-	-			-	-	
Arizona North Carolina Control	F	16.7%	2	83.3%	10	12
North Carolina Central	F	16.7%	1	83.3%	5	6
University of the Pacific	F	16.7%	2	83.3%	10	12
Kentucky	F	16.7%	2	83.3%	10	12
Morgan State	F	14.3%	1	85.7%	6	7
New Jersey Institute of Technology	F	14.3%	1	85.7%	6	7
Norfolk State	F	14.3%	1	85.7%	6	7
Savannah State	F -	14.3%	1	85.7%	6	7
Southeastern Louisiana	F	14.3%	1	85.7%	6	7

A REPORT ON HEAD COACHES OF ALL NCAA DIVISION-I TEAMS

		Female		Male		
School	Grade	%	n	%	n	N
Texas at El Paso	F	14.3%	1	85.7%	6	7
Texas Rio Grande Valley	F	14.3%	1	85.7%	6	7
Arkansas State	F	12.5%	1	87.5%	7	8
Hampton University	F	12.5%	1	87.5%	7	8
Northwestern State	F	12.5%	1	87.5%	7	8
Oklahoma State	F	12.5%	1	87.5%	7	8
Saint Peter's University	F	12.5%	1	87.5%	7	8
University of North Dakota	F	12.5%	1	87.5%	7	8
Jacksonville State	F	11.1%	1	88.9%	8	9
Kent State	F	11.1%	1	88.9%	8	9
University of Detroit Mercy	F	11.1%	1	88.9%	8	9
University of Evansville	F	11.1%	1	88.9%	8	9
Western Kentucky University	F	11.1%	1	88.9%	8	9
Wyoming	F	11.1%	1	88.9%	8	9
Wisconsin-Green Bay	F	10.0%	1	90.0%	9	10
West Virginia	F	9.1%	1	90.9%	10	11
Arkansas, Pine Bluff	F	0.0%	0	100.0%	7	7
Virginia Military Institute	F	0.0%	0	100.0%	7	7

A report designed to make a difference in the lives of girls and women in sport and to increase the number of women in the coaching profession.







School of Kinesiology
College of Education and Human Development

