# WOMEN IN COLLEGE COACHING REPORT CARD

A Comprehensive Report of Coaching Position Composition of Women's NCAA Division-I Teams

2019-2020









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

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# Coaches of Women's Collegiate Teams

# A COMPREHENSIVE REPORT OF NCAA DIVISION-I INSTITUTIONS 2019-20

his longitudinal research series, now in its eighth year (2012-20), 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, 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 Power 5 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* <sup>™</sup> 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 coaching staff positions for women's sport teams in NCAA Division-I athletics programs during the 2019-20 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 October 1st, 2019 and January 1st, 2020, by visiting each institution's athletics website and reviewing the coaching roster/staff for the 2019-20 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.

Furthermore, all individuals listed on the coaching roster as a paid member of the staff head were recorded. This includes Associate Head Coaches, Assistant Coaches, Director of Operations and Graduate Assistants. A Director of Sport was coded as the 'Director' if a Head Coach was explicitly listed on the staff roster. An individual who occupied a position for two sports (e.g., Assistant Coach for track & field and cross country) was coded as two separate coaches. Reference Table A for a complete coding key regarding coaching positions.

Position in Sport	Incorporated Positions
Head Coach	Head Coach, Co-Head Coach, Interim Head Coach, Director of Sport (Golf, Tennis, T & F, Cross Country, Swimming) if Head Coach is <i>not</i> otherwise listed
Associate Head Coach	Senior Associate Head Coach
Assistant Coach	All Paid Assistant Coaches Listed, Specialty/Position Coach
Director of Operations	Director of Operations
Graduate Assistant	Graduate Assistants
Director	Director of Sport (Golf, Tennis, T & F, Cross Country, Swimming) if a Head Coach is explicitly listed

TABLE A. CODING KEY FOR COACH POSITIONS

#### SAMPLE

The 2019-20 dataset included all head coaches of women's teams (N = 3555) at 352 institutions of higher education in all geographic regions of the United States that were current members of 32 NCAA Division-I conferences. One institution was added to the sample in 2019-20. Merrimack College elevated all of its athletic programs to the NCAA Division-I level in the fall of 2019 and joined the Northeast Conference. An additional sport, wrestling, was added as the NCAA deemed it an emerging sport. Appendix A summarizes the distribution of schools by conference for 2019-20. The 2019-20 dataset also included paid staff members of women's teams (N = 7142) at the 352 institutions listed in Appendix A. The coaching staff, referred to in this report, consists of Directors, Associate Head Coaches, Assistant Coaches, Director of Operations, and Graduate Assistants, as seen in Table A.

## **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 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 coach percentage were ordered alphabetically. For how the grading criteria was developed see past Report Cards.

# Results

### **HEAD COACHES**

A total of 3583 Head Coach positions of women's teams from 352 institutions comprised this sample. A small percentage of positions remained unfilled (0.73%, n = 26) or were eliminated due to lack of facilities and funding (0.06%, n = 2) at the time of data collection (October 2019 - January 2020) resulting in a final sample of 3555 for analysis. Women held 1501 of the 3555 (42.3%) head coaching positions across 32 Division-I conferences (See Table 1), which is slightly higher (0.2%) than the percentage of women Head Coaches of women's teams in 2018-2019.

Position	Schools	Female		Ma	le	Total Coaches
	N	%	n	%	n	N
2017 - 18 Head Coaches	349	41.7	1463	58.3	2049	3512
2018 - 19 Head Coaches	351	42.1	1491	57.9	2050	3541
2019 - 20 Head Coaches	352	42.3	1501	57.8	2054	3555

TABLE 1. PERCENTAGE OF DIVISION-I WOMEN H	HEAD COACHES FOR WOMEN'S TEAMS
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### **COACHING STAFF**

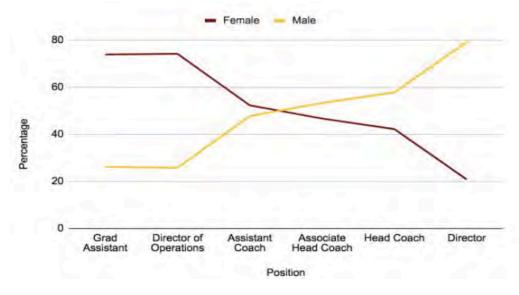
A total of 10,697 coaches of women's teams from 352 institutions comprised this sample. As previously mentioned, there are 3555 Head Coaches in this sample, therefore there were a total

of 7142 other coaches on staff. Women held 3948 of 7142 (55.3%) coaching staff positions across 32 Division-I conferences (See Table 2). Women held 382 of 818 (46.7%) Associate Head Coach positions. Women held 2647 of 5066 (52.3%) Assistant Coach positions. Women held 334 of 452 (73.9%) of the Graduate Assistant positions. As the position type increased in leadership role importance, visibility, and responsibility (Graduate Assistant to Assistant Coach, Assistant Coach to Associate Head Coach, Associate Head Coach to Head Coach), there was a decrease in the percentage of women in those positions (See Figure 1). Women held 580 of 782 (74.2%) Director of Operations positions. Women held 5 of 24 (20.8%) Director positions.

Position	Fen	nale	1	Male	Total Coaches		
	%	n	%	n	N		
Director	20.8	5	79.2	19	24		
Head Coach	42.2	1501	57.8	2054	3555		
Associate Head Coach	46.7	382	53.3	436	818		
Assistant Coach	52.3	2647	47.7	2419	5066		
Director of Operations	74.2	580	25.8	202	782		
Graduate Assistant	73.9	334	26.1	118	452		
All Position Total	50.9	5449	49.1	5248	10697		

TABLE 2. PERCENTAGE OF ALL DIVISION-I WOMEN COACHES FOR WOMEN'S TEAMS BY POSITION

FIGURE 1. PERCENTAGE OF WOMEN BY POSITION FOR DIVISION-I WOMEN'S TEAMS



#### **BY SPORT**

The percentage of women Head Coaches in 27 sports varied greatly (See Table 3). Lacrosse (91.2%) and field hockey (83.3%) had a large majority of female Head coaches. Emerging NCAA

sports of wrestling, rugby, and equestrian received As and provide positive examples of hiring women at the outset of program building and development. Triathlon (+8.3%) was the only sport to improve their letter grade from 2018-19, while rifle (38.9%) was the only sport to move down a letter grade. Conversely, diving, fencing, water polo, cross country, track & field, and swimming had a large majority of male head coaches. Table 4 indicates the number and percentage of head coaches by sport and gender for all NCAA sponsored D-I sports.

Table 5 indicates the number and percentage of coaching staff by sport and gender for all NCAA sponsored D-I sports. The composition and percentage of women in coaching positions in 27 sports varied greatly (See Table 5). Equestrian, lacrosse, field hockey, softball, rugby, and crew had over 70% women in coaching staff positions. Squash, track & field, and fencing evidenced less than 30% women in coaching staff positions.

Grade	%	Sport
А	100-70	Wresting (100.0%)*, Lacrosse (-91.2%), Rugby (+87.5%)*, Equestrian (+85.0%)**, Field Hockey (-83.3%), Triathlon (个 75.0%)*
В	69-55	Softball (+68.2%), Basketball (+62.9%), Golf (-62.3%), Gymnastics (+59.0%)
С	54-40	Bowling (50.0%), Volleyball (+47.9%), Rowing (+42.0%), Beach Volleyball (+41.7%)
D	39-25	Rifle (↓ 38.9%)**, Ice Hockey (+38.5%), Tennis (37.6%), Soccer (28.4%), Water Polo (25.0%)
F	24-0	Diving (+21.8%), Nordic Skiing (20.0%)*, Track & Field (-18.6%), Swimming (+17.9%), Cross Country (-17.5%), Fencing (-14.3%), Alpine Skiing (+10.0%)*, Squash (-10%)*

TABLE 3. GRADE BY SPORT FOR PERCENTAGE OF FEMALE D-I HEAD COACHES FOR 2019-20

\*Offered by ten or fewer schools; \*\*Offered by twenty or fewer schools; Sport decreased (-) or increased (+) percentage of women head coaches; moved down  $\downarrow$  or up  $\uparrow$  a grade from 2018-19 to 2019-20.



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			Head Coaches	;	
	Fem	ale	Ma	le	
Sport	%	n	%	n	N
Alpine Skiing	10.0%	1	90.0%	9	10
Basketball	62.9%	220	37.1%	130	350
Beach Volleyball	41.7%	25	58.3%	35	60
Bowling	50.0%	17	50.0%	17	34
Cross Country	17.5%	61	82.5%	288	349
Diving	21.8%	38	78.2%	136	174
Equestrian	85.0%	17	15.0%	3	20
Fencing	14.3%	4	85.7%	24	28
Field Hockey	83.3%	65	16.7%	13	78
Golf	62.3%	165	37.7%	100	265
Gymnastics	59.0%	36	41.0%	25	61
Ice Hockey	38.5%	10	61.5%	16	26
Lacrosse	91.2%	104	8.8%	10	114
Nordic Skiing	20.0%	2	80.0%	8	10
Rifle	38.9%	7	61.1%	11	18
Rowing	42.0%	37	58.0%	51	88
Rugby	87.5%	7	12.5%	1	8
Soccer	28.4%	95	71.6%	240	335
Softball	68.2%	202	31.8%	94	296
Squash	10.0%	1	90.0%	9	10
Swimming	17.9%	35	82.1%	161	196
Tennis	37.6%	117	62.4%	194	311
Track & Field	18.6%	64	81.4%	281	345
Triathlon	75.0%	3	25.0%	1	4
Volleyball	47.9%	159	52.1%	173	332
Water Polo	25.0%	8	75.0%	24	32
Wrestling	100.0%	1	0.0%	0	1
Total	42.2%	1501	57.8%	2054	3555

**TABLE 4.** HEAD COACH NUMBER AND PERCENTAGE ALPHABETICALLY BY SPORT AND GENDER FORDIVISION-I WOMEN'S TEAMS 2019-20

			Coaching Staff						
	Fem	nale	Ма	le					
Sport	%	n	%	n	N				
Alpine Skiing	33.3%	3	66.7%	6	9				
Basketball	69.9%	988	30.1%	425	1413				
Beach Volleyball	55.6%	40	44.4%	32	72				
Bowling	65.0%	13	35.0%	7	20				
Crew/Rowing	70.7%	169	29.3%	70	239				
Cross Country Run	36.8%	136	63.2%	234	370				
Diving	36.4%	8	63.6%	14	22				
Equestrian	100.0%	30	0.0%	0	30				
Fencing	14.6%	7	85.4%	41	48				
Field Hockey	78.9%	127	21.1%	34	161				
Golf	64.5%	129	35.5%	71	200				
Gymnastics	54.5%	66	45.5%	55	121				
Ice Hockey	62.5%	45	37.5%	27	72				
Lacrosse	89.0%	211	11.0%	26	237				
Nordic Skiing	0.0%	0	100.0%	6	6				
Rifle	58.3%	7	41.7%	5	12				
Rugby	72.7%	8	27.3%	3	11				
Soccer	49.9%	364	50.1%	365	729				
Softball	77.4%	496	22.6%	145	641				
Squash	26.7%	4	73.3%	11	15				
Swimming	45.4%	205	54.6%	247	452				
Tennis	45.3%	129	54.7%	156	285				
Track & Field	26.3%	312	73.7%	876	1188				
Triathlon	50.0%	1	50.0%	1	2				
Volleyball	57.2%	421	42.8%	315	736				
Water Polo	58.0%	29	42.0%	21	50				
Wrestling	0.0%	0	100.0%	1	1				
Total	55.3%	3948	44.7%	3194	7142				

**TABLE 5.** COACHING STAFF NUMBER AND PERCENTAGE ALPHABETICALLY BY SPORT AND GENDERFOR DIVISION-I WOMEN'S TEAMS 2019-20

# **BY INSTITUTION**

The range for the percentage of women head coaches by institution varied dramatically. Two institutions *at the time of data collection* (Tennessee State and University of Cincinnati) had 80% or higher women head coaches, while four institutions (Middle Tennessee State, Oklahoma State, Texas Rio Grande Valley, and Virginia Military Institute) had 0% women head coaches. See Appendix B for a full list of grades by institution for the percentage of women head coaches. Based on the percentage of women head coaches, 18 of the 352 (5.1%) institutions received an A for

being above average compared to peer institutions. Sixty-one institutions (17.3%) received a B, 124 institutions (35.2%) received a C, and 100 institutions (28.4%) received a D. Forty-nine institutions (13.9%) 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 (75.0%, n = 264) had 50% or fewer women head coaches.

The range for the percentage of women coaches on staff by institution also varied dramatically. Three institutions at the time of data collection (Longwood University, Tennessee State and St. Joseph's University) had 75% or higher women in coaching staff positions. Tatiana Booth, featured on the cover, is the assistant volleyball coach at Tennessee State, an A grade institution for percentage of women coaches on staff (76.5%) and is a WeCOACH member. Seven institutions (1.9%) received an A for being above average compared to peer institutions, 118 institutions (33.5%) received a B, 180 institutions (51.1%) received a C, and 45 institutions (12.8%) received a D. Two institutions (Texas Rio Grande Valley and The Citadel) (0.57%) received a failing grade of F for having less than 25% of women on the coaching staff. See Appendix C for a full list of grades by institution for percentage of women coaching staff.

#### **BY CONFERENCE**

The Ivy League evidenced the highest percentage (52.4%) while the Big 12 had the lowest percentage (28.3%) of female head coaches (See Table 6). The MAAC (-2.7%) and WAC (-6.8%) dropped from a C grade to a D for female head coaches from 2018-19. No conference improved their grade from 2018-19. The number of head coaches by conference and gender are in Table 7. To date no conference has earned above a C grade for female head coach composition. The Patriot League had the highest percentage (66.1%) while the WAC had the lowest percentage (45.5%) of females employed on coaching staffs in any conference (See Table 8 for the full list of coaching staff by gender and conference). See Appendix A for institutional composition of each conference.

Grade	Criteria	Conference
Α	100-70	
В	69-55	
с	54-40	Ivy League (-52.4%), Mid-American (+50.4%), Big 10 (+49.2%), Colonial (+48.1%), Mountain West (+47.9%), Northeast (+47.8%), American (+47.5%), Ohio Valley (+46.9%), Big West (+46.7%), Atlantic (-46.2%), Missouri Valley (46.2%), Patriot League (-45.4%), American East (-44.8%), Big South (-44.4%), Pac 12 (-43.7%), ACC (43.4%), SWAC (+42.5%), Sun Belt (+42.2%)
D	39-25	Conference USA (+39.7%), Big East (+39.6%), ASUN (+38.9%), MAAC (↓ 38.3%), SEC (+37.6%), Southland (+37.4%), WCC (+37.3%), Big Sky (-35.9%), Southern (+34.6%), WAC (↓ 34.3%), Mid- Eastern (-32.7%), Horizon League (+28.7%), The Summit League (-28.4%), Big 12 (-28.3%)
F	24-0	

TABLE 6. GRADE BY CONFERENCE FOR PERCENTAGE OF NCAA D-I WOMEN HEAD COACHES 2019-20

Conference decreased (-) or increased (+) percentage of women head coaches; moved down  $\downarrow$  or up  $\uparrow$  a grade from 2018-19 to 2019-20.

		Fem	nale	Ma	le	
Conference	Grade	%	n	%	n	N
Ivy League	С	52.4	76	47.6	69	145
Mid-American	С	50.4	61	49.6	60	121
Big 10	С	49.2	91	50.8	94	185
Colonial	С	48.1	52	51.9	56	108
Mountain West	С	47.9	57	52.1	62	119
Northeast	С	47.8	65	52.2	71	136
American	С	47.5	56	52.5	62	118
Ohio Valley	С	46.9	46	53.1	52	98
Big West	С	46.7	43	53.3	49	92
Missouri Valley	С	46.2	43	53.8	50	93
Atlantic 10	С	46.2	66	53.8	77	143
Patriot League	С	45.4	54	54.6	65	119
American East	С	44.8	39	55.2	48	87
Big South	С	44.4	40	55.6	50	90
Pac 12	С	43.7	66	56.3	85	151
ACC	С	43.4	75	56.6	98	173

TABLE 7. GRADE, NUMBER AND PERCENTAGE OF NCAA D-I WOMEN HEAD COACHES BY	
CONFERENCE FOR 2019-20	

		Fem	ale	Ma	le	
Conference	Grade	%	n	%	n	Ν
SWAC	С	42.5	31	57.5	42	73
Sun Belt	С	42.2	43	57.8	59	102
Conference USA	D	39.7	50	60.3	76	126
Big East	D	39.6	38	60.4	58	96
ASUN	D	38.9	28	61.1	44	72
MAAC	D	38.3	46	61.7	74	120
SEC	D	37.6	59	62.4	98	157
Southland	D	37.4	40	62.6	67	107
WCC	D	37.3	38	62.7	64	102
Big Sky	D	35.9	37	64.1	66	103
Southern	D	34.6	28	65.4	53	81
Western	D	34.3	24	65.7	46	70
Mid-Eastern	D	32.7	33	67.3	68	101
Horizon League	D	28.7	27	71.3	67	94
Summit League	D	28.4	21	71.6	53	74
Big 12	D	28.3	28	71.7	71	99

# **TABLE 8.** GRADE, NUMBER AND PERCENTAGE OF NCAA D-I WOMEN COACHING STAFF BYCONFERENCE FOR 2019-20

		Female		Male		
Conference	Grade	%	n	%	n	N
Patriot League	В	66.1	154	33.9	79	233
Atlantic 10	В	62.3	167	37.7	101	268
Ohio Valley	В	61.0	114	39.0	73	187
Big South	В	60.6	103	39.4	67	170
Mid-American	В	59.0	131	41.0	91	222
Mountain West	В	58.5	158	41.5	112	270
Big East	В	58.3	119	41.7	85	204
lvy League	В	57.6	155	42.4	114	269
American	В	57.5	153	42.5	113	266
Big 12	В	57.4	144	42.6	107	251
Sun Belt	В	57.1	133	42.9	100	233
Big 10	В	56.7	258	43.3	197	455
Northeast	В	56.7	123	43.3	94	217
ASUN	В	56.5	74	43.5	57	131
Conference USA	В	56.3	135	43.8	105	240
American East	В	56.2	100	43.8	78	178

		Female		Ma		
Conference	Grade	%	n	%	n	Ν
Missouri Valley	В	55.4	92	44.6	74	166
Pac 12	В	55.1	193	44.9	157	350
WCC	В	55.1	102	44.9	83	185
Southern	В	55.1	65	44.9	53	118
Summit League	С	54.2	71	45.8	60	131
MAAC	С	54.0	115	46.0	98	213
Big West	С	53.9	97	46.1	83	180
Southland	С	52.3	113	47.7	103	216
Colonial	С	52.2	119	47.8	109	228
Mid-Eastern	С	51.6	64	48.4	60	124
ACC	С	50.0	223	50.0	223	446
Horizon League	С	50.0	84	50.0	84	168
SWAC	С	48.5	48	51.5	51	99
SEC	С	47.6	185	52.4	204	389
Big Sky	С	47.4	90	52.6	100	190
WAC	С	45.5	66	54.5	79	145

# FAMILY NARRATIVES

We also examined the family narrative within coach biographies that are part of the institutional athletics website. Family narratives were defined as an explicit mention of a spouse, partner,

children and/or use of the generic term "family." In this sample, 665 coaches (378 women and 287 men) did not have a biography on their institutional website, therefore they were eliminated from this analysis resulting in 10,032 coach biographies. Of the 10,032 coaches, 3,353 (33.4%) coaches included a family narrative. Based on the data (See Table 9), women were significantly less likely to include family narratives in their biographies (23.0%) than men (44.0%).

	Female		Ма	ale	Total		
	%	% n		% n		N	
Family Narrative	23.0	1168	44.0%	2185	33.4%	3353	
No Family Narrative	77.0	3903	56.0%	2776	66.6%	6679	
Total	100	5071	100	4961	100	10032	

TABLE 9. NUMBER AND PERCENTAGE OF ALL DIVISION-I COACHES WITH FAMILY NARRATIVES IN BIOGRAPHIES 2019-2020

The prevalence of homophobia and heteronormativity in the sporting world is well documented (Norman, 2016). In 2011, Calhoun, 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 10 illustrates the results.

In this sample, coaches with family narratives (n=3353) in their biographies, a majority were heterosexual (91.5%). Of all coaches with a same-sex family narratives (n=42) in their biographies, a majority were head coaches (52.4%) and a large majority were female (40 of 42, 95.2%). Based on the data, women are more likely to include same-sex family narratives in their biographies than men. However, an increase (+4) in the number of same-sex narratives of head coaches (n=22) from 2018-2019 (n=18) was evidenced, in both years all were female coaches (See Table 11).

	Female		Ma	ale	Total		
	%	n	%	n	%	N	
Heterosexual Narrative	87.0	1016	93.9	2051	91.5	3067	
Same-Sex Narrative	3.4	40	0.1	2	1.3	42	
Generic Mention of "Family"	0.9	11	0.5	11	0.7	22	
Children Only Mentioned	8.6	101	5.5	121	6.6	222	
Total	100	1168	100	2185	100	3353	

TABLE 10. NUMBER AND PERCENTAGE OF FAMILY NARRATIVE TYPE BY GENDER FOR ALL DIVISION-	
I COACHES 2019-2020	

	Fen	Female Male			Total
Coach Position	%	n	%	n	N
Director	0%	0	0%	0	0
Head Coach	100%	22	0%	0	22
Associate Head Coach	83%	5	17%	1	6
Assistant Coach	92%	12	8%	1	13
Director of Operations	100%	1	0%	0	1
Graduate Assistant	0%	0	0%	0	1
Total	95%	40	5%	2	42

**TABLE 11.** NUMBER AND PERCENTAGE OF BIOGRAPHIES WITH SAME SEX NARRATIVES BY GENDER& POSITION FOR ALL DIVISION-I COACHES 2019-2020

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 12 gives the number and percentage of 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=6679), it is possible there are more coaches with children.

Overall, 27.0% of all coaches in this sample (2713/10,032) explicitly mention having children in their biographies. The percent of women who explicitly mention children in their biographies (17.1%) is significantly less than men (37.2%). The difference between men and women with children suggests that although many women are successful in dual roles as 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 (LaVoi & Wasend, 2018).

TABLE 12. NUMBER AND PERCENTAGE OF BIOGRAPHIES WITH CHILDREN MENTIONED BY GENDER
FOR ALL DIVISION-I COACHES 2019-2020

Female		Ma	ale	Total		
%	п	%	п	%	Ν	
17.1	867/5071	37.2	1846/4961	27.0	2713	

**TABLE 13.** HEAD COACH TURNOVER AND GENDER PAIR OF OUTGOING AND INCOMING COACH BYNUMBER AND PERCENTAGE FOR DIVISION-I HEAD COACHES 2019-2020.

Gender Pair of Coach Change	%	n
male-male	34.8%	154
female-male	17.9%	79
total males hired	52.7%	233
female-female	26.0%	115
male-female	21.3%	94
total females hired	47.3%	209
total turnover	12.4%	442

#### **COACH TURNOVER**

Head coach turnover is a key target of opportunity to increase the percentage of women head coaches. In the 2019-20 academic year, over two-thirds (237 of 352, 67%) of the institutions in the sample experienced head coach turnover. Of the existing head coach positions, 12% (442/3555) turned over this year. See Table 13 for the gender composition of the former coach-new coach hired dyad (e.g., if a male coach was replaced by a female, that was coded as male-female). In the majority of vacancies (233/442, 52.7%) a male was hired, an improvement from 2016-17, where 53.5% of vacant positions were filled by a male. This year there was a net gain (+15) of female head coaches. A male replaced a male head coach 154 times, representing 154 missed opportunities to increase the number of female head coaches.

#### IDENTIFYING THE LEAK(S) IN THE FEMALE COACHING PIPELINE

We have long known that there is a leaky pipeline for female progression up the coaching ladder; that is, as the coaching position increases in terms of leadership and responsibility, the percentage of female coaches who occupy those positions decreases (See Figure 1). For example, the percentage of female coaches decreased from 73.9% (n=452) at the Graduate Assistant Level to 42.2% (n=3555) at the Head Coach level. We recognize that Figure 1 falsely conveys that the coaching pipeline is a continuous linear and definite progression from Point A to Point F: women enter the pipeline as Graduate Assistants (Point A), and then "move up" the coaching ladder to Director of Operations, then to Assistant Coach, Associate Coach, Head Coach, and finally Director (Point F). This "pipeline" is not the only pathway to becoming a Head Coach. Rather, we discern from Figure 1 three nuanced entry points into the coaching profession that vary by sport and institution: Entry Point A = Graduate Assistant; Entry Point B = Director of Operations; and Entry Point C = Assistant Coach. However, it is important to recognize that a coach typically and traditionally must occupy an Assistant Coach position in order to become Head Coach. Figure 1 illustrates that the coaching pipeline for women is leaky between the positions of Assistant Coach and Associate Head Coach, where the percentage of female coaches shifts from a majority (52.3%, n=5066) to a minority (46.7%, n=818).

Figure 2 depicts mean age by coach position and coach sex. Women are significantly younger than their male counterparts, no matter the position (p<0.01). The position of Director of Operations was excluded from this figure as this is technically not a coaching position but rather a management role. Director positions were excluded for this same reason and due to a small sample size (n=23), suggesting that very few sports have this position and it is therefore not particularly relevant. At the Graduate Assistant level, one of the three coaching pipeline entry points (Point A), female and males coaches are about the same age  $(23.5 \text{ and } 23.9 \text{ year old}, respectively})$ . The age gap is statistically and significantly different and grows larger at the Assistant Coach position, where men have a mean age of 35.0 years old (n=1984), about +5 years greater than women, who have a mean age of 30.3 years old (n=2387). At the Assistant Coach position, women are younger but outnumber men. At the Associate and Head Coach position, women are remain younger but the majority are men. This is further exhibited in Figure 3 where there is a dramatic decline in the number of female Assistant Coaches after the age of 27. It would be expected to see a similar spike

patttern from men, as they drop out of coaching or move on to a higher position, however that is not the case. As previously noted, the pipeline is leaky at the Assistant Coach position for women but Figure 3 provides further evidence this is a gendered issue. This gendered age gap trend remains consistent through the coaching pipeline.

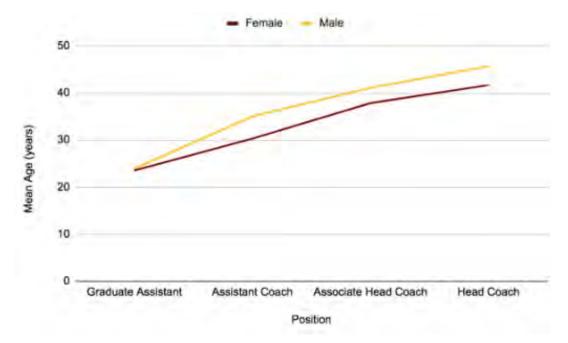


FIGURE 2. MEAN AGE OF DIVISION-I WOMEN COACHING STAFF FOR WOMEN'S TEAMS BY POSITION

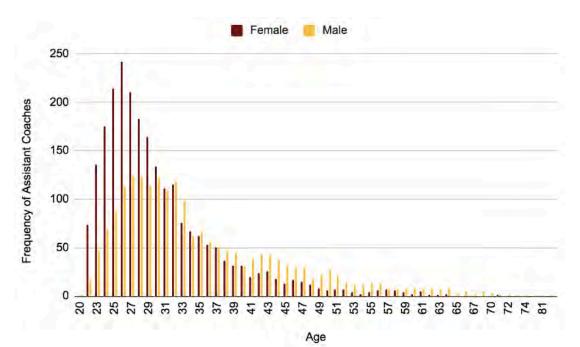


FIGURE 3. FREQUENCY OF DIVISION-I ASSISTANT COACHES FOR WOMEN'S TEAMS BY SEX & AGE

We do not have a clear justification for why the five year age gap between female and male coaches starts at the Assistant Coach position and why this gap persists as coaches move through the coaching pipeline. We would love your insights! Our explanation is preliminary and requires further research. We speculate that because women enter the coaching pipeline at the Assistant Coach Level when they are younger, they likely have less experience in the coaching profession. This lack of expertise leads them to be fired or to quit, exiting the coaching pipeline. The young women who are hired and succeed continue through the coaching pipeline, but remain younger than their male counterparts. In contrast, their male counterparts are hired when they are older, and accordingly have more experience. This benefit of time leads to success and retention of male coaches in the coaching industry.

A potential key variable in the leaky female coaching pipeline is children. We recognize the results are caused by a variety of factors, this is only a portion of the story. Figure 4 displays the percentage of coaches who mention kids in their biography, by position and sex. Director of Operations and Director were excluded from Figure 4, for the same reasons as in Figure 2. Very few Graduate Assistants have kids (0.89% for women, 3.2% for men). This percentage drastically increases for Assistant Coaches, where almost one-quarter (24%) of male Assistant Coaches have kids, as opposed to 8.5% of their female Assistant Coach counterparts. This suggests that when women have or want kids (around the age of 30, Figure 2), they are likely leaving coaching more prominently than their male counterparts.

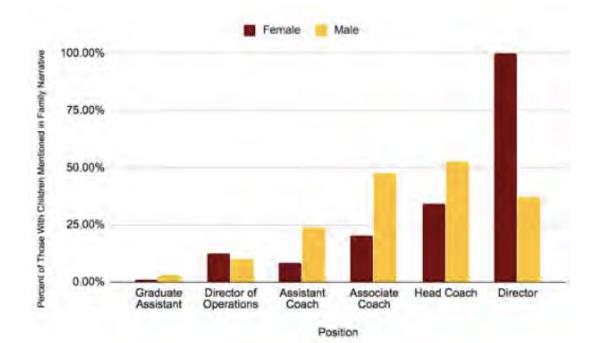


FIGURE 4. PERCENTAGE OF DIVISION-I WOMEN COACHING STAFF FOR WOMEN'S TEAMS WHO MENTION CHILDREN BY POSITION AND SEX This data tentatively identifies the "critical zone" for female coach retention at the Assistant Coach position, where women are on average 30 years old and have (or are planning to have) children. This establishes the importance of institutional practices to support young women and coach-parents and remove barriers for women to persist in coaching.

# 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 2018-2019, the overall percentage of women head coaches of women's teams is slightly higher (+0.2%). 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 road map 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.

# 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

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 and senior women administrators 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 disadvantage women.

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 inequalities 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 tag line from the Wellesley Centers for Women: "A world that is good for women is good for everyone<sup>™</sup>."

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

# References

- Calhoun, A. S., LaVoi, N. M., & Johnson, A. (2011). Framing with family: Examining online coaches' biographies for heteronormative and heterosexist narratives. *International Journal of Sport Communication*, 4(3), 300-316.
- Gallup Daily Tracking. (2017). U.S. Adults identifying as LGBT, 2012-2017 [Data set]. Retrieved from https://news gallup.com/poll/234863/estimate-lgbt-population-rises.aspx
- Hollomon, N. (2016). Perceived barriers for ethnic minority females in collegiate athletics careers. Retrieved from https://www.ncaa.org/sites/default/files/2015RES\_BarriersReport2015\_20160506.pdf
- Kane, M. J., & LaVoi, N. M. (2018). An examination of athletic administrators' perceptions regarding the absence of female head coaches in women's intercollegiate sports. *Women in Sport and Physical Activity Journal*, 26, 3-11. DOI: 10.1123/wspaj.2016-0031
- LaVoi, N. M. (Ed.) (2016). Women in Sports Coaching. London, UK: Routledge.
- LaVoi, N. M. (2013, December). The decline of women coaches in collegiate athletics: A report on select NCAA Division-I FBS institutions, 2012-13. Minneapolis: The Tucker Center for Research on Girls & Women in Sport.
- LaVoi, N. M., & Wasend, M. (2018). Athletics administration best practices of recruitment, hiring and retention of head women collegiate coaches. Minneapolis, MN: The Tucker Center for Research on Girls & Women in Sport.
- Norman, L. (2016). Lesbian coaches and homophobia. In N.M. LaVoi (Ed.), *Women in Sports Coaching* (pp. 65-80). London, UK: Routledge
- Sabo, D., Veliz, P., & Staurowsky, E. J. (2016). Beyond X's & O's: Gender bias and coaches of women's college sports. East Meadow, NY: Women's Sports Foundation.

APPENDIX A NCAA DIVISION I CONFERENCE COMPOSITION 2019-20

#### **America East Conference**

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

#### American Athletics Conference (American)

East Carolina University Southern Methodist University Temple University Tulane University

#### Atlantic 10 Conference

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

#### Atlantic Coast Conference (ACC)

Boston College Clemson University Duke University Florida State University Georgia Institute of Technology North Carolina State University

#### Atlantic Sun Conference (ASUN)

Florida Gulf Coast University Jacksonville University Kennesaw State University

#### **Big 10 Conference**

Indiana University Michigan State University Northwestern University Ohio State University Pennsylvania State University

#### **Big 12 Conference**

Baylor University Iowa State University Kansas State University Oklahoma State University University of Hartford University of Maine University of Maryland, Baltimore County

University of Central Florida University of Cincinnat University of Connecticut University of Houston

La Salle University St. Bonaventure University Saint Joseph's University Saint Louis University University of Dayton

Syracuse University University of Louisville University of Miami University of North Carolina at Chapel Hill University of Notre Dame

Lipscomb University New Jersey Institute of Technology Stetson University

Purdue University Rutgers University University of Illinois University of Iowa University of Maryland

Texas Christian University Texas Tech University University of Kansas University of Oklahoma University of Massachusetts, Lowell University of New Hampshire, Durham University of Vermont

University of Memphis University of South Florida University of Tuisa Wichita State University

University of Massachusetts, Amherst University of Rhode Island University of Richmond Virginia Commonwealth University

University of Pittsburgh University of Virginia Virginia Polytechnic Institute and State University Wake Forest University

University of North Florida University of South Carolina Upstate

University of Michigan University of Minnesota University of Nebraska, Lincoln University of Wisconsin, Madison

University of Texas at Austin West Virginia University

#### **Big East Conference**

Butler University Creighton University DePaul University Georgetown University

#### **Big Sky Conference**

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

#### **Big South Conference**

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

#### **Big West Conference**

California Polytechnic State University California State University, Fullerton

#### **Colonial Athletic Association (Colonial)**

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

#### **Conference USA**

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

#### **Horizon League**

Cleveland State University University of Detroit Mercy University of Wisconsin - Green Bay Marquette University Providence College St. John's University Seton Hall University

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

Liberty University Longwood University Presbyterian College Radford University

California State University, Long Beach California State University, Northridge University of California, Davis

Hofstra University James Madison University Northeastern University Towson University

Rice University University of Alabama at Birmingham University of North Carolina at Charlotte University of North Texas

Indiana University - Purdue University, Indianapolis University of Wisconsin -Milwaukee Northern Kentucky University Villanova University Xavier University

University of North Dakota University of Northern Colorado Weber State University

University of North Carolina at Asheville Winthrop University

University of California, Irvine University of California, Riverside University of California, Santa Barbara University of Hawaii at Manoa

University of Delaware University of North Carolina, Wilmington

University of Southern Mississippi University of Texas at El Paso University of Texas at San Antonio Western Kentucky University

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

#### Ivy League

Brown University Columbia University Cornell University

#### Metro Atlantic Athletic Conference (MAAC)

Canisius College Fairfield University Iona College Manhattan College

#### **Mid-American Conference**

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

#### **Mid-Eastern Athletic Conference**

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

#### **Missouri Valley Conference**

Bradley University Drake University Illinois State University Indiana State University

#### **Mountain West Conference**

Boise State University United State Air Force Academy California State University, Fresno Colorado State University

#### **Northeast Conference**

Bryant University Central Connecticut State University Fairleigh Dickinson University Long Island University - Brooklyn Dartmouth College Harvard University Princeton University

Marist College Monmouth University Niagara University Quinnipiac University

Miaml University Northern Illinois University Ohio University University at Buffalo - State University of New York

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

Loyola University - Chicago Missouri State University Southern Illinois University University of Evansville

San Diego State University San Jose State University University of Nevada, Reno University of Nevada, Las Vegas

Mount St. Mary's University Merrimack College Robert Morris University Sacred Heart University University of Pennsylvania Yale University

Rider University Saint Peter's University Siena College

University of Akron University of Toledo Western Michigan University

South Carolina State University University of Maryland Eastern Shore

University of Northern Iowa Valparaiso University

University of New Mexico University of Wyoming Utah State University

Saint Francis University (Pennsylvanla) St. Francis College of Brocklyn Wagner College

#### **Ohio Valley Conference**

Austin Peay State University Belmont University Eastern Illinois University Eastern Kentucky University Jacksonville State University

#### Pacific-12 Conference (Pac 12)

Arizona State University Oregon State University Stanford University University of Arlzona University of California, Berkeley

#### Patriot League

American University Boston University Bucknell University Colgate University

#### Southeastern Conference (SEC)

Auburn University Louisiana State University Mississippi State University Texas A&M University University of Alabama

#### Southern Conference

The Citadel East Tennessee State University Furman University Mercer University Samford University

#### Southland Conference

Abilene Christian University Houston Baptist University Lamar University McNeese State University Nicholls State University

#### Summit League

Indiana University - Purdue University, Fort Wayne North Dakota State University Morehead State University Murray State University Southeast Missouri State University Southern Illinois University,

University of California, Los Angeles University of Colorado, Boulder University of Oregon University of Southern California

College of the Holy Cross Lafayette College Lehigh University Loyola University - Maryland

University of Arkansas University of Florida University of Georgia University of Kentucky University of Mississippi

University of North Carolina at Greensboro University of Tennessee at Chattanooga Virginia Military Institute

Northwestern State University Sam Houston State University Southeastern Louisiana University Stephen F, Austin State University Texas A&M University - Corpus

Oral Roberts University South Dakota State University University of Denver Edwardsville Tennessee State University Tennessee Technological University University of Tennessee at Martin

University of Utah University of Washington Washington State University

United State Military Academy United States Naval Academy

University of Missouri University of South Carolina University of Tennessee Vanderbilt University

Western Carolina University Wofford College

Christi University of Central Arkansas University of the Incarnate Word University of New Orleans

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

#### Southwestern Athletic Conference (SWAC) Alabama A&M University Jackson State University

Alabama A&M University Alabama State University Alcorn State University Grambling State University

Bakersfield

Chicago State University

Grand Canyon University

West Coast Conference (WCC) Brigham Young University Gonzaga University

Loyola Marymount University

#### Western Athletic Conference (WAC) California State University.

Mississippi Valley State University Prairie View A&M University Southern University, Baton Rouge

Texas State University

University of Arkansas at Little

Troy University

Rock

New Mexico State University Seattle University University of Missouri - Kansas City

Pepperdine University Saint Mary's College Santa Clara University University of the Pacific University of Louisiana at Lafayette University of Louisiana at Monroe University of South Alabama University of Texas at Arlington

Texas Southern University University of Arkansas at Pine Bluff

University of Texas Rio Grande Valley Utah Valley University

University of Portland University of San Diego University of San Francisco

# **APPENDIX B**

#### GRADE, PERCENTAGE, AND NUMBER OF WOMEN HEAD COACHES BY INSTITUTION 2019-20

		Female		Male			
School	Grade	%	n	%	n	N	
Tennessee State	A	85.7%	6	14.3%	1	7	
Cincinnati	A	80.0%	8	20.0%	2	10	
Austin Peay State University	A	77.8%	7	22.2%	2	9	
Saint Joseph's University	А	77.8%	7	22.2%	2	9	
UCF Central Florida	А	77.8%	7	22.2%	2	9	
Texas Southern	А	75.0%	6	25.0%	2	8	
Quinnipiac University	А	75.0%	9	25.0%	3	12	
Monmouth University	А	72.7%	8	27.3%	3	11	
Washington	A	72.7%	8	27.3%	3	11	
Florida A&M	А	71.4%	5	28.6%	2	7	
Central Michigan	A	70.0%	7	30.0%	3	10	
Coastal Carolina	A	70.0%	7	30.0%	3	10	
Nevada, Las Vegas	A	70.0%	7	30.0%	3	10	
Northeastern University	A	70.0%	7	30.0%	3	10	
Oklahoma	A	70.0%	7	30.0%	3	10	
University of Rhode Island	A	70.0%	7	30.0%	3	10	
University of San Diego	A	70.0%	7	30.0%	3	10	
University of Toledo	A	70.0%	7	30.0%	3	10	
Brown	В	66.7%	14	33.3%	7	21	
Indiana State	В	66.7%	6	33.3%	3	9	
North Carolina Asheville	В	66.7%	6	33.3%	3	9	
Old Dominion University	В	66.7%	6	33.3%	3	9	
Tennessee	В	66.7%	8	33.3%	4	12	
Western Michigan	В	66.7%	6	33.3%	3	9	
California (Berkeley)	В	64.7%	11	35.3%	6	17	
Princeton	В	64.7%	11	35.3%	6	17	
Minnesota	В	64.3%	9	35.7%	5	14	
Bowling Green State	В	63.6%	7	36.4%	4	11	
Illinios	В	63.6%	7	36.4%	4	11	
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	
Idaho State	В	62.5%	5	37.5%	3	8	
Nicholls State	В	62.5%	5	37.5%	3	8	
Southeast Missouri State	В	62.5%	5	37.5%	3	8	
Texas State	В	62.5%	5	37.5%	3	8	
University of Hartford	В	62.5%	5	37.5%	3	8	
Virginia Commonwealth	В	62.5%	5	37.5%	3	8	
Weber State University	В	62.5%	5	37.5%	3	8	
California State, Fresno	В	61.5%	8	38.5%	5	13	

School	Female			Ma		
	Grade	%	n	%	n	N
Lehigh University	В	61.5%	8	38.5%	5	13
Saint Francis (Pennsylvania)	В	61.5%	8	38.5%	5	13
San Diego State	В	61.5%	8	38.5%	5	13
San Jose State	В	61.5%	8	38.5%	5	13
Alabama A&M	В	60.0%	3	40.0%	2	5
California State, Bakersfield	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
Miami	В	60.0%	6	40.0%	4	10
New Mexico	В	60.0%	6	40.0%	4	10
Southern Illinois, Carbondale	В	60.0%	6	40.0%	4	10
Stetson University	В	60.0%	6	40.0%	4	10
George Washington University	В	58.3%	7	41.7%	5	12
Lafayette	В	58.3%	7	41.7%	5	12
Yale	В	57.9%	11	42.1%	8	19
Bradley	В	57.1%	4	42.9%	3	7
College of the Holy Cross	В	57.1%	8	42.9%	6	14
DePaul	В	57.1%	4	42.9%	3	7
Eastern Washington University	В	57.1%	4	42.9%	3	7
High Point University	В	57.1%	4	42.9%	3	7
Loyola University Chicago	В	57.1%	4	42.9%	3	7
South Carolina State	В	57.1%	4	42.9%	3	7
Appalachian State	В	55.6%	5	44.4%	4	9
Clemson	В	55.6%	5	44.4%	4	9
Mississippi	В	55.6%	5	44.4%	4	9
Northern Illinois	В	55.6%	5	44.4%	4	9
Prairie View A&M	В	55.6%	5	44.4%	4	9
University of Illinois at Chicago	В	55.6%	5	44.4%	4	9
Washington State	В	55.6%	5	44.4%	4	9
Winthrop University	В	55.6%	5	44.4%	4	9
Wofford College	В	55.6%	5	44.4%	4	9
Alabama at Birmingham*	В	54.5%	6	45.5%	5	11
California Polytechnic*	В	54.5%	6	45.5%	5	11
Florida International*	В	54.5%	6	45.5%	5	11
Florida State*	В	54.5%	6	45.5%	5	11
Illinois State*	В	54.5%	6	45.5%	5	11
Massachusetts, Amherst*	В	54.5%	6	45.5%	5	11
SMU Southern Methodist*	В	54.5%	6	45.5%	5	11
St. Francis College Brooklyn*	В	54.5%	6	45.5%	5	11
Boston University	С	53.8%	7	46.2%	6	13
Connecticut	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

		Female		Ma		
School	Grade	%	n	%	n	N
lowa	С	53.8%	7	46.2%	6	13
Merrimack College	С	53.8%	7	46.2%	6	13
Michigan State	С	53.8%	7	46.2%	6	13
Penn State	С	53.3%	8	46.7%	7	15
Ohio State	С	52.9%	9	47.1%	8	17
Abilene Christian University	С	50.0%	4	50.0%	4	8
Belmont University	С	50.0%	4	50.0%	4	8
Bethune-Cookman	С	50.0%	4	50.0%	4	8
Binghamton University	С	50.0%	5	50.0%	5	10
Califoria, Irvine	С	50.0%	4	50.0%	4	8
California, Fullerton	С	50.0%	4	50.0%	4	8
California, Riverside	С	50.0%	4	50.0%	4	8
Central Connecticut State	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
Darmouth	С	50.0%	10	50.0%	10	20
Duke	С	50.0%	7	50.0%	7	14
East Tennessee State	С	50.0%	4	50.0%	4	8
Florida Atlantic University	С	50.0%	6	50.0%	6	12
Georgia Tech	С	50.0%	4	50.0%	4	8
Harvard	С	50.0%	10	50.0%	10	20
Lipscomb University	С	50.0%	4	50.0%	4	8
Long Island - Brooklyn Campus	С	50.0%	8	50.0%	8	16
Longwood University	С	50.0%	4	50.0%	4	8
Loyola, Maryland	С	50.0%	5	50.0%	5	10
Miami University (Ohio)	С	50.0%	5	50.0%	5	10
Michigan	С	50.0%	8	50.0%	8	16
Nevada, Reno	С	50.0%	5	50.0%	5	10
North Carolina at Charlotte	С	50.0%	4	50.0%	4	8
North Carolina at Greensboro	С	50.0%	4	50.0%	4	8
North Carolina State	С	50.0%	6	50.0%	6	12
North Florida	С	50.0%	5	50.0%	5	10
Northwestern	С	50.0%	6	50.0%	6	12
Pepperdine	С	50.0%	5	50.0%	5	10
Rutgers	С	50.0%	7	50.0%	7	14
South Florida	С	50.0%	4	50.0%	4	8
Texas at San Antonio	С	50.0%	4	50.0%	4	8
UCLA	С	50.0%	7	50.0%	7	14
University of Montana	С	50.0%	4	50.0%	4	8
University of New Orleans	С	50.0%	3	50.0%	3	6
University of Richmond	С	50.0%	5	50.0%	5	10
Valparaiso University	С	50.0%	5	50.0%	5	10

		Fer	Female		Male	
School	Grade	% n		%	% n	
Wake Forest	С	50.0%	4	50.0%	4	8
Mount St. Mary's University	С	46.2%	6	53.8%	7	13
Towson University	С	46.2%	6	53.8%	7	13
Villanova	С	46.2%	6	53.8%	7	13
Virginia	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
E. Carolina	С	45.5%	5	54.5%	6	11
Eastern Michigan	С	45.5%	5	54.5%	6	11
Georgia Southern	С	45.5%	5	54.5%	6	11
Grand Canyon University	С	45.5%	5	54.5%	6	11
Maryland	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
South Dakota State	С	45.5%	5	54.5%	6	11
Temple	С	45.5%	5	54.5%	6	11
U.S. Air Force Academy	С	45.5%	5	54.5%	6	11
U.S. Naval Academy	С	45.5%	5	54.5%	6	11
University of Denver	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
Drake	С	44.4%	4	55.6%	5	9
Elon University	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
Maryland, Baltimore County	С	44.4%	4	55.6%	5	9
Northern Arizona University	С	44.4%	4	55.6%	5	9
Oregon State	С	44.4%	4	55.6%	5	9
Presbyterian College	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
Southern Mississippi	С	44.4%	4	55.6%	5	9
Stanford	С	44.4%	8	55.6%	10	18
Tennessee at Martin	С	44.4%	4	55.6%	5	9
University at Albany	С	44.4%	4	55.6%	5	9
University at Buffalo, the State Univer- sity of New York	С	44.4%	4	55.6%	5	9
University of Dayton	С	44.4%	4	55.6%	5	9
Alcorn State	С	42.9%	3	57.1%	4	7
Coppin State	С	42.9%	3	57.1%	4	7
Jackson State	С	42.9%	3	57.1%	4	7
Lamar University	С	42.9%	3	57.1%	4	7

		Fer	nale	M	ale	
School	Grade	%	n	%	n	N
LSU	С	42.9%	6	57.1%	8	14
Marquette	С	42.9%	3	57.1%	4	7
Massachusetts Lowell	С	42.9%	3	57.1%	4	7
Nebraska	С	42.9%	6	57.1%	8	14
New Hampshire	С	42.9%	6	57.1%	8	14
Rice University	С	42.9%	3	57.1%	4	7
Southern Illinois, Edwardsville	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	57.1%	4	7
Wagner College	С	42.9%	6	57.1%	8	14
Wright State	С	42.9%	3	57.1%	4	7
Ball State	С	41.7%	5	58.3%	7	12
Boise State	С	41.7%	5	58.3%	7	12
Florida	С	41.7%	5	58.3%	7	12
James Madison University	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
Wisconsin	С	41.7%	5	58.3%	7	12
Canisius College	С	40.0%	4	60.0%	6	10
Drexel University	С	40.0%	4	60.0%	6	10
Fairleigh Dickinson, Metropolitan Campus	C	40.0%	4	60.0%	6	10
Fordham University	С	40.0%	4	60.0%	6	10
Jacksonville University	C	40.0%	4	60.0%	6	10
Long Beach State University	С	40.0%	4	60.0%	6	10
Marshall 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
North Carolina	С	40.0%	6	60.0%	9	15
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
Stephen F. Austin 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
Sacred Heart University	D	38.9%	7	61.1%	11	18
Louisville	D	38.5%	5	61.5%	8	13
Notre Dame	D	38.5%	5	61.5%	8	13
Arkansas at Little Rock	D	37.5%	3	62.5%	5	8
Boston College	D	37.5%	6	62.5%	10	16
Charleston Southern University	D	37.5%	3	62.5%	5	8

		Fen	nale	M	ale	
School	Grade	%	n	%	n	N
McNeese State	D	37.5%	3	62.5%	5	8
Mississippi 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
Samford University	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
University of Missouri-kansas City	D	37.5%	3	62.5%	5	8
University of Portland	D	37.5%	3	62.5%	5	8
Xavier	D	37.5%	3	62.5%	5	8
Arkansas	D	36.4%	4	63.6%	7	11
Brigham Young University	D	36.4%	4	63.6%	7	11
Delaware State	D	36.4%	4	63.6%	7	11
Duquesne University	D	36.4%	4	63.6%	7	11
Liberty University	D	36.4%	4	63.6%	7	11
Manhattan College	D	36.4%	4	63.6%	7	11
Missouri State	D	36.4%	4	63.6%	7	11
Santa Clara University	D	36.4%	4	63.6%	7	11
Texas A & M	D	36.4%	4	63.6%	7	11
University of Akron	D	36.4%	4	63.6%	7	11
Cornell	D	35.3%	6	64.7%	11	17
Alabama	D	33.3%	4	66.7%	8	12
Alabama State	D	33.3%	3	66.7%	6	9
American University	D	33.3%	3	66.7%	6	9
Arizona State	D	33.3%	5	66.7%	10	15
Arkansas, Pine Bluff	D	33.3%	2	66.7%	4	6
Auburn	D	33.3%	4	66.7%	8	12
Central Arkansas	D	33.3%	3	66.7%	6	9
Colgate	D	33.3%	4	66.7%	8	12
Eastern Illinois	D	33.3%	3	66.7%	6	9
Furman 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
Kennesaw State University	D	33.3%	3	66.7%	6	9
Louisiana Tech University	D	33.3%	3	66.7%	6	9
Lousiana at Monroe	D	33.3%	3	66.7%	6	9
Loyola Marymount	D	33.3%	4	66.7%	8	12
Memphis	D	33.3%	3	66.7%	6	9
Mississippi Valley State	D	33.3%	2	66.7%	4	6
Murray State	D	33.3%	3	66.7%	6	9
Pittsburgh	D	33.3%	3	66.7%	6	9
St John's	D	33.3%	3	66.7%	6	9

		Fen	nale	Male			
School	Grade	%	n	%	n	N	
Texas A&M - Corpus Christi	D	33.3%	3	66.7%	6	9	
Tulsa	D	33.3%	3	66.7%	6	9	
University of Maine, Orono	D	33.3%	3	66.7%	6	9	
University of San Francisco	D	33.3%	3	66.7%	6	9	
U Penn	D	31.3%	5	68.8%	11	16	
Bucknell	D	30.8%	4	69.2%	9	13	
Indiana	D	30.8%	4	69.2%	9	13	
Utah	D	30.8%	4	69.2%	9	13	
California, Northridge	D	30.0%	3	70.0%	7	10	
Campbell University	D	30.0%	3	70.0%	7	10	
Florida Gulf Coast University	D	30.0%	3	70.0%	7	10	
Gardner - Webb University	D	30.0%	3	70.0%	7	10	
Gonzaga	D	30.0%	3	70.0%	7	10	
Northern Colorado	D	30.0%	3	70.0%	7	10	
Northern Iowa	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 the Incarnate Word	D	30.0%	3	70.0%	7	10	
Chicago State University	D	28.6%	2	71.4%	5	7	
Indiana University-Purdue University, Fort Wayne	D	28.6%	2	71.4%	5	7	
Lousiana at Lafayette	D	28.6%	2	71.4%	5	7	
Norfolk State	D	28.6%	2	71.4%	5	7	
Oral Roberts	D	28.6%	2	71.4%	5	7	
Wichita State	D	28.6%	2	71.4%	5	7	
Butler	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	
Syracuse	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	
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	
Marist College	D	25.0%	3	75.0%	9	12	
Maryland Eastern Shore	D	25.0%	2	75.0%	6	8	
Montana State - Bozeman	D	25.0%	2	75.0%	6	8	
Morehead State	D	25.0%	2	75.0%	6	8	

		Female		Male		
School	Grade	%	n	%	n	N
North Carolina A&T State	D	25.0%	2	75.0%	6	8
South Alabama	D	25.0%	2	75.0%	6	8
South Carolina Upstate	D	25.0%	2	75.0%	6	8
Southern University, Baton Rouge	D	25.0%	2	75.0%	6	8
Tennessee at Chattanooga	D	25.0%	2	75.0%	6	8
U.S. Military Academy	D	25.0%	3	75.0%	9	12
University of the Pacific	D	25.0%	3	75.0%	9	12
Utah State	D	25.0%	2	75.0%	6	8
Western Carolina	D	25.0%	2	75.0%	6	8
Wisconsin-Milwaukee	D	25.0%	2	75.0%	6	8
Cleveland State	F	23.1%	3	76.9%	10	13
USC	F	23.1%	3	76.9%	10	13
Baylor	F	22.2%	2	77.8%	7	9
Kent State	F	22.2%	2	77.8%	7	9
Sam Houston State	F	22.2%	2	77.8%	7	9
Southern utah University	F	22.2%	2	77.8%	7	9
St. Mary's College of California	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
Western Illinois	F	22.2%	2	77.8%	7	9
La Salle University	F	21.4%	3	78.6%	11	14
Colorado State	F	20.0%	2	80.0%	8	10
Houston	F	20.0%	2	80.0%	8	10
Indiana University-Purdue University,	F	20.0%	2	80.0%	8	10
Indianapolis						
University of North Texas	F	20.0%	2	80.0%	8	10
Wisconsin-Green Bay	F	20.0%	2	80.0%	8	10
California State, Sacramento	F	18.2%	2	81.8%	9	11
Iowa State	F	18.2%	2	81.8%	9	11
Nebraska Omaha	F	18.2%	2	81.8%	9	11
South Dakota	F	18.2%	2	81.8%	9	11
Youngstown State	F	18.2%	2	81.8%	9	11
Arizona	F	16.7%	2	83.3%	10	12
Kentucky	F	16.7%	2	83.3%	10	12
North Carolina Central	F	16.7%	1	83.3%	5	6
Savannah State	F	16.7%	1	83.3%	5	6
Siena College	F	16.7%	2	83.3%	10	12
The Citadel	F	16.7%	1	83.3%	5	6
Morgan State	F	14.3%	1	85.7%	6	7
New Jersey Institute of Technology	F	14.3%	1	85.7%	6	7
North Dakota State	F	14.3%	1	85.7%	6	7
Southeastern Louisiana	F	14.3%	1	85.7%	6	7
Utah Valley University	F	14.3%	1	85.7%	6	7

A REPORT ON COACHES	S OF ALL	NCAA D-I	WOMEN'S	TEAMS
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		Fen	nale	Ма	ale	
School	Grade	%	n	%	n	N
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
Saint Peter's University	F	12.5%	1	87.5%	7	8
St. Bonaventure University	F	12.5%	1	87.5%	7	8
University of Detroit Mercy	F	12.5%	1	87.5%	7	8
University of North Dakota	F	12.5%	1	87.5%	7	8
Western Kentucky University	F	12.5%	1	87.5%	7	8
Jacksonville State	F	11.1%	1	88.9%	8	9
Texas at El Paso	F	11.1%	1	88.9%	8	9
University of Evansville	F	11.1%	1	88.9%	8	9
Wyoming	F	11.1%	1	88.9%	8	9
West Virginia	F	9.1%	1	90.9%	10	11
Middle Tennessee State	F	0.0%	0	100.0%	5	5
Oklahoma State	F	0.0%	0	100.0%	8	8
Texas Rio Grande Valley	F	0.0%	0	100.0%	7	7
Virginia Military Institute	F	0.0%	0	100.0%	7	7

\* = rounding up resulted in the institution moving up a grade level

# **APPENDIX C**

#### GRADE, PERCENTAGE, AND NUMBER OF ALL WOMEN COACHES BY INSTITUTION 2019-20

		Female		Male			
School	Grade	%	n	%	n	N	
Longwood University	A	77.3%	17	22.7%	5	22	
Tennessee State	A	76.5%	13	23.5%	4	17	
Saint Joseph's University	A	75.0%	21	25.0%	7	28	
Lehigh University	A	72.5%	29	27.5%	11	40	
Lousiana at Monroe	A	71.4%	25	28.6%	10	35	
Lafayette	A	71.0%	22	29.0%	9	31	
Bowling Green State	A	70.0%	21	30.0%	9	30	
Central Michigan	В	68.8%	22	31.3%	10	32	
Saint Francis (Pennsylvania)	В	68.8%	22	31.3%	10	32	
Temple	В	68.4%	26	31.6%	12	38	
San Jose State	В	67.5%	27	32.5%	13	40	
Creighton	В	66.7%	16	33.3%	8	24	
Eastern Kentucky	В	66.7%	18	33.3%	9	27	
George Washington University	В	66.7%	22	33.3%	11	33	
Massachusetts, Amherst	В	66.7%	22	33.3%	11	33	
Nevada, Reno	В	66.7%	20	33.3%	10	30	
Nicholls State	В	66.7%	14	33.3%	7	21	
University of Rhode Island	В	66.7%	18	33.3%	9	27	
California, Fullerton	В	65.4%	17	34.6%	9	26	
Davidson College	В	65.4%	17	34.6%	9	26	
UCF Central Florida	В	65.6%	21	34.4%	11	32	
University of San Diego	В	65.4%	17	34.6%	9	26	
Minnesota	В	65.3%	32	34.7%	17	49	
California State, Fresno	В	65.1%	28	34.9%	15	43	
Connecticut	В	65.1%	28	34.9%	15	43	
Eastern Michigan	В	64.3%	18	35.7%	10	28	
Florida A&M	В	64.3%	9	35.7%	5	14	
Quinnipiac University	В	64.3%	27	35.7%	15	42	
Boston University	В	64.1%	25	35.9%	14	39	
Washington State	В	63.9%	23	36.1%	13	36	
Alabama A&M	В	63.6%	7	36.4%	4	11	
North Carolina at Greensboro	В	63.6%	14	36.4%	8	22	
Alabama at Birmingham	В	63.3%	19	36.7%	11	30	
Coastal Carolina	В	63.3%	19	36.7%	11	30	
Jacksonville University	В	63.3%	19	36.7%	11	30	
Monmouth University	В	63.3%	19	36.7%	11	30	
Binghamton University	В	63.0%	17	37.0%	10	27	
California, Davis	В	63.0%	29	37.0%	17	46	
North Florida	В	63.0%	17	37.0%	10	27	
College of the Holy Cross	В	62.9%	22	37.1%	13	35	

		Fer	nale	Ma	ale	
School	Grade	%	n	%	n	N
Nevada, Las Vegas	В	62.1%	18	37.9%	11	29
Southern Illinois, Carbondale	В	62.1%	18	37.9%	11	29
Austin Peay State University	В	61.5%	16	38.5%	10	26
Pepperdine	В	61.5%	16	38.5%	10	26
South Carolina State	В	61.5%	8	38.5%	5	13
Tennessee at Martin	В	61.5%	16	38.5%	10	26
Troy University	В	61.5%	16	38.5%	10	26
Winthrop University	В	61.5%	16	38.5%	10	26
Cincinnati	В	61.3%	19	38.7%	12	31
South Dakota State	В	61.3%	19	38.7%	12	31
St. Francis College Brooklyn	В	61.3%	19	38.7%	12	31
U Penn	В	61.2%	30	38.8%	19	49
DePaul	В	60.9%	14	39.1%	9	23
Murray State	В	60.9%	14	39.1%	9	23
Old Dominion University	В	60.9%	14	39.1%	9	23
Princeton	В	60.9%	28	39.1%	18	46
Southeast Missouri State	В	60.9%	14	39.1%	9	23
Penn State	В	60.7%	34	39.3%	22	56
California State, Bakersfield	В	60.0%	18	40.0%	12	30
Delaware State	В	60.0%	12	40.0%	8	20
Tennessee Tech	В	60.0%	12	40.0%	8	20
Georgia Tech	В	59.3%	16	40.7%	11	27
University of Hartford	В	59.3%	16	40.7%	11	27
Portland State	В	59.1%	13	40.9%	9	22
New Hampshire	В	58.8%	20	41.2%	14	34
University of New Orleans	В	58.8%	10	41.2%	7	17
American University	В	58.6%	17	41.4%	12	29
Southern Mississippi	В	58.6%	17	41.4%	12	29
Seton Hall	В	58.3%	14	41.7%	10	24
Western Michigan	В	58.3%	14	41.7%	10	24
Oregon	В	57.9%	22	42.1%	16	38
Presbyterian College	В	57.9%	11	42.1%	8	19
Rutgers	В	57.8%	26	42.2%	19	45
Texas Christian University	В	57.8%	26	42.2%	19	45
Califoria, Irvine	В	57.7%	15	42.3%	11	26
Mercer University	В	57.7%	15	42.3%	11	26
New Mexico	В	57.6%	19	42.4%	14	33
SMU Southern Methodist	В	57.6%	19	42.4%	14	33
U.S. Naval Academy	В	57.6%	19	42.4%	14	33
Brown	В	57.4%	31	42.6%	23	54
Clemson	В	57.1%	20	42.9%	15	35
Furman University	B	57.1%	16	42.9%	12	28

		Fer	nale	M	ale	
School	Grade	%	n	%	n	N
High Point University	В	57.1%	12	42.9%	9	21
Indiana State	В	57.1%	16	42.9%	12	28
Northeastern University	В	57.1%	20	42.9%	15	35
Purdue	В	57.1%	20	42.9%	15	35
Villanova	В	57.1%	24	42.9%	18	42
Florida Atlantic University	В	56.7%	17	43.3%	13	30
Mount St. Mary's University	В	56.7%	17	43.3%	13	30
Sacred Heart University	В	56.5%	26	43.5%	20	46
Samford University	В	56.5%	13	43.5%	10	23
Colgate	В	56.4%	22	43.6%	17	39
Maryland	В	56.4%	22	43.6%	17	39
Bradley	В	56.3%	9	43.8%	7	16
Drexel University	В	56.3%	18	43.8%	14	32
James Madison University	В	56.3%	18	43.8%	14	32
Gardner - Webb University	В	56.0%	14	44.0%	11	25
Northern Illinois	В	56.0%	14	44.0%	11	25
Radford University	В	56.0%	14	44.0%	11	25
University of Richmond	В	56.0%	14	44.0%	11	25
University of Toledo	В	56.0%	14	44.0%	11	25
Valparaiso University	В	56.0%	14	44.0%	11	25
Ohio State	В	55.9%	33	44.1%	26	59
Michigan	В	55.8%	29	44.2%	23	52
Belmont University	В	55.6%	15	44.4%	12	27
Fordham University	В	55.6%	15	44.4%	12	27
Liberty University	В	55.6%	25	44.4%	20	45
Louisville	В	55.6%	30	44.4%	24	54
McNeese State	В	55.6%	15	44.4%	12	27
Texas State	В	55.6%	15	44.4%	12	27
Texas Tech	В	55.6%	20	44.4%	16	36
Columbia	В	55.3%	26	44.7%	21	47
Northwestern	В	55.3%	21	44.7%	17	38
Appalachian State	В	55.2%	16	44.8%	13	29
Memphis	В	55.2%	16	44.8%	13	29
Bethune-Cookman	В	55.0%	11	45.0%	9	20
Delaware	В	55.0%	22	45.0%	18	40
Texas Southern	В	55.0%	11	45.0%	9	20
U.S. Air Force Academy	В	55.0%	22	45.0%	18	40
University of Vermont*	В	54.8%	17	45.2%	14	31
Ball State*	В	54.5%	18	45.5%	15	33
Loyola University Chicago*	В	54.5%	12	45.5%	10	22
Niagara University*	В	54.5%	12	45.5%	10	22
Stanford*	В	54.5%	30	45.5%	25	55
University of Illinois at Chicago*	В	54.5%	18	45.5%	15	33

		Fer	nale	Ma	ale	
School	Grade	%	n	%	n	N
California (Berkeley)	С	54.3%	25	45.7%	21	46
Cornell	С	54.3%	25	45.7%	21	46
Michigan State	С	54.2%	26	45.8%	22	48
University of Montana	С	54.2%	13	45.8%	11	24
Xavier	С	54.2%	13	45.8%	11	24
Long Island - Brooklyn Campus	С	54.1%	20	45.9%	17	37
Darmouth	С	53.8%	28	46.2%	24	52
Drake	С	53.8%	14	46.2%	12	26
Florida Gulf Coast University	С	53.8%	14	46.2%	12	26
Houston Baptist University	С	53.8%	14	46.2%	12	26
La Salle University	С	53.8%	21	46.2%	18	39
Marquette	С	53.8%	14	46.2%	12	26
Ohio University	С	53.8%	14	46.2%	12	26
Stetson University	С	53.8%	14	46.2%	12	26
Yale	С	53.8%	28	46.2%	24	52
North Carolina at Charlotte	С	53.6%	15	46.4%	13	28
University of Dayton	С	53.6%	15	46.4%	13	28
Boston College	С	53.5%	23	46.5%	20	43
Washington	С	53.5%	23	46.5%	20	43
Wisconsin	С	53.5%	23	46.5%	20	43
Massachusetts Lowell	С	53.3%	16	46.7%	14	30
Virginia	С	53.3%	24	46.7%	21	45
LSU	С	53.2%	25	46.8%	22	47
Fairfield University	С	53.1%	17	46.9%	15	32
lowa	С	53.1%	26	46.9%	23	49
Illinois State	С	52.9%	18	47.1%	16	34
Miami	С	52.9%	18	47.1%	16	34
Notre Dame	С	52.9%	27	47.1%	24	51
University at Albany	С	52.9%	18	47.1%	16	34
Bucknell	С	52.6%	20	47.4%	18	38
Lamar University	С	52.6%	10	47.4%	9	19
Oklahoma	С	52.6%	20	47.4%	18	38
Providence	С	52.6%	20	47.4%	18	38
San Diego State	С	52.4%	22	47.6%	20	42
East Tennessee State	С	52.2%	12	47.8%	11	23
Idaho State	С	52.2%	12	47.8%	11	23
Indiana University-Purdue University, Indianapolis	С	52.2%	12	47.8%	11	23
St. Bonaventure University	С	52.2%	12	47.8%	11	23
Eastern Illinois	С	51.9%	14	48.1%	13	27
Georgia State	С	51.9%	14	48.1%	13	27
Saint Louis University	С	51.9%	14	48.1%	13	27
University of Akron	С	51.7%	15	48.3%	14	29

		Fer	nale	Ma	ale	
School	Grade	%	n	%	n	N
Stephen F. Austin State	С	51.6%	16	48.4%	15	31
University of the Incarnate Word	С	51.6%	16	48.4%	15	31
Canisius College	С	51.5%	17	48.5%	16	33
Georgia Southern	С	51.5%	17	48.5%	16	33
Harvard	С	51.5%	35	48.5%	33	68
Hofstra University	С	51.5%	17	48.5%	16	33
Florida International	С	51.4%	19	48.6%	18	37
Wagner College	С	51.4%	18	48.6%	17	35
Utah	С	51.2%	21	48.8%	20	41
UCLA	С	51.1%	23	48.9%	22	45
Arkansas, Pine Bluff	С	50.0%	7	50.0%	7	14
Boise State	С	50.0%	18	50.0%	18	36
Bryant University	С	50.0%	17	50.0%	17	34
California, Riverside	С	50.0%	11	50.0%	11	22
College of William and Mary	С	50.0%	19	50.0%	19	38
E. Carolina	С	50.0%	16	50.0%	16	32
Eastern Washington University	С	50.0%	9	50.0%	9	18
Gonzaga	С	50.0%	12	50.0%	12	24
Hawaii, Manoa	С	50.0%	17	50.0%	17	34
Indiana University-Purdue University, Fort Wayne	С	50.0%	9	50.0%	9	18
Kansas	С	50.0%	19	50.0%	19	38
Lipscomb University	С	50.0%	13	50.0%	13	26
Louisiana Tech University	С	50.0%	10	50.0%	10	20
Manhattan College	С	50.0%	12	50.0%	12	24
Maryland Eastern Shore	С	50.0%	7	50.0%	7	14
Mississippi Valley State	С	50.0%	7	50.0%	7	14
Missouri State	С	50.0%	14	50.0%	14	28
Rice University	С	50.0%	12	50.0%	12	24
Robert Morris University	С	50.0%	12	50.0%	12	24
South Carolina	С	50.0%	22	50.0%	22	44
Southern Illinois, Edwardsville	С	50.0%	10	50.0%	10	20
Tulane	С	50.0%	14	50.0%	14	28
University of Portland	С	50.0%	13	50.0%	13	26
University of the Pacific	С	50.0%	15	50.0%	15	30
Virginia Commonwealth	С	50.0%	14	50.0%	14	28
Weber State University	С	50.0%	12	50.0%	12	24
Western kentucky University	С	50.0%	10	50.0%	10	20
Wichita State	С	50.0%	14	50.0%	14	28
Wright State	С	50.0%	9	50.0%	9	18
Arizona State	С	48.9%	23	51.1%	24	47
Missouri	С	48.8%	21	51.2%	22	43
Tennessee	С	48.8%	21	51.2%	22	43

		Fer	Female Male			
School	Grade	%	n	%	n	N
Illinios	С	48.7%	19	51.3%	20	39
lowa State	С	48.7%	19	51.3%	20	39
Syracuse	С	48.7%	19	51.3%	20	39
Colorado	С	48.6%	17	51.4%	18	35
Georgetown	С	48.6%	18	51.4%	19	37
Loyola Marymount	С	48.6%	17	51.4%	18	35
Towson University	С	48.6%	17	51.4%	18	35
Northern Arizona University	С	48.4%	15	51.6%	16	31
California Polytechnic	С	48.3%	14	51.7%	15	29
Houston	С	48.3%	14	51.7%	15	29
University of Maine, Orono	С	48.0%	12	52.0%	13	25
North Carolina Asheville	С	47.8%	11	52.2%	12	23
Arizona	С	47.5%	19	52.5%	21	40
Jackson State	С	47.4%	9	52.6%	10	19
Texas	С	47.2%	17	52.8%	19	36
Grambling State	С	47.1%	8	52.9%	9	17
College of Charleston (South Carolina)	С	46.9%	15	53.1%	17	32
Seattle University	С	46.9%	15	53.1%	17	32
Coppin State	С	46.7%	7	53.3%	8	15
Oklahoma State	С	46.7%	14	53.3%	16	30
Oregon State	С	46.7%	14	53.3%	16	30
Texas at El Paso	С	46.7%	14	53.3%	16	30
Utah State	С	46.7%	14	53.3%	16	30
Elon University	С	46.4%	13	53.6%	15	28
Kennesaw State University	С	46.4%	13	53.6%	15	28
Florida	С	46.3%	19	53.7%	22	41
Marshall University	С	46.2%	12	53.8%	14	26
U.S. Military Academy	С	46.2%	18	53.8%	21	39
Wake Forest	С	46.2%	12	53.8%	14	26
Central Connecticut State	С	45.8%	11	54.2%	13	24
Fairleigh Dickinson, Metropolitan Campus	С	45.8%	11	54.2%	13	24
Morehead State	С	45.8%	11	54.2%	13	24
Northern Kentucky University	С	45.8%	11	54.2%	13	24
University at Buffalo, the State Univer- sity of New York	С	45.8%	11	54.2%	13	24
Duquesne University	С	45.7%	16	54.3%	19	35
Miami University (Ohio)	С	45.7%	16	54.3%	19	35
Western Illinois	С	45.5%	10	54.5%	12	22
Wofford College	С	45.5%	10	54.5%	12	22
Kent State	С	45.2%	14	54.8%	17	31
Vanderbilt	С	45.2%	14	54.8%	17	31
Auburn	С	45.0%	18	55.0%	22	40

School	Grade	Female		Ма	Male	
		%	n	%	n	N
Prairie View A&M	С	45.0%	9	55.0%	11	20
California, Sana Barbara	С	44.8%	13	55.2%	16	29
North Carolina	С	44.4%	24	55.6%	30	54
North Carolina State	С	44.4%	20	55.6%	25	45
Santa Clara University	С	44.4%	12	55.6%	15	27
South Alabama	С	44.4%	12	55.6%	15	27
Texas at San Antonio	С	44.4%	12	55.6%	15	27
Utah Valley University	С	44.4%	12	55.6%	15	27
Oakland University	С	43.8%	14	56.3%	18	32
University of Denver	С	43.8%	14	56.3%	18	32
Indiana	С	43.5%	20	56.5%	26	46
North Dakota State	С	43.5%	10	56.5%	13	23
Wisconsin-Green Bay	С	43.5%	10	56.5%	13	23
California, Northridge	С	43.3%	13	56.7%	17	30
Mississippi State	С	43.3%	13	56.7%	17	30
Siena College	С	43.3%	13	56.7%	17	30
St John's	С	43.3%	13	56.7%	17	30
West Virginia	С	43.3%	13	56.7%	17	30
Central Arkansas	С	42.9%	12	57.1%	16	28
Charleston Southern University	С	42.9%	9	57.1%	12	21
Nebraska	С	42.9%	18	57.1%	24	42
Nebraska Omaha	С	42.9%	12	57.1%	16	28
Texas at Arlington	С	42.9%	12	57.1%	16	28
Brigham Young University	С	42.5%	17	57.5%	23	40
Texas A & M	С	42.5%	17	57.5%	23	40
Campbell University	С	42.4%	14	57.6%	19	33
Colorado State	С	42.4%	14	57.6%	19	33
Loyola, Maryland	С	42.3%	11	57.7%	15	26
USC	С	42.2%	19	57.8%	26	45
North Carolina Central	С	42.1%	8	57.9%	11	19
South Dakota	С	41.9%	13	58.1%	18	31
Arkansas State	С	41.7%	10	58.3%	14	24
Grand Canyon University	С	41.7%	15	58.3%	21	36
Lousiana at Lafayette	С	41.7%	10	58.3%	14	24
Merrimack College	С	41.7%	15	58.3%	21	36
Northwestern State	С	41.7%	10	58.3%	14	24
Sam Houston State	С	41.7%	10	58.3%	14	24
Baylor	С	41.4%	12	58.6%	17	29
Kansas State	С	41.4%	12	58.6%	17	29
Mississippi	С	41.4%	12	58.6%	17	29
Rider University	С	41.4%	12	58.6%	17	29
Stony Brook	С	41.4%	12	58.6%	17	29

School	Grade	Female		Male		
		%	n	%	n	N
Kentucky	С	41.3%	19	58.7%	27	46
Florida State	С	40.9%	18	59.1%	26	44
North Carolina A&T State	С	40.9%	9	59.1%	13	22
University of Detroit Mercy	С	40.9%	9	59.1%	13	22
University of Evansville	С	40.9%	9	59.1%	13	22
University of Idaho	С	40.9%	9	59.1%	13	22
St. Mary's College of California	С	40.7%	11	59.3%	16	27
Duke	С	40.4%	19	59.6%	28	47
Arkansas at Little Rock	С	40.0%	10	60.0%	15	25
Georgia	С	40.0%	16	60.0%	24	40
Southern University, Baton Rouge	С	40.0%	8	60.0%	12	20
Western Carolina	С	40.0%	6	60.0%	9	15
Virginia Tech*	С	39.5%	17	60.5%	26	43
Wyoming	D	39.4%	13	60.6%	20	33
Maryland, Baltimore County	D	39.3%	11	60.7%	17	28
University of Missouri-Kansas City		39.3%	11	60.7%	17	28
California State, Sacramento	D	38.7%	12	61.3%	19	31
North Carolina Wilmington	D	38.7%	12	61.3%	19	31
Alcorn State	D	38.5%	5	61.5%	8	13
University of San Francisco	D	38.5%	10	61.5%	16	26
Arkansas	D	37.9%	11	62.1%	18	29
Northern Iowa	D	37.9%	11	62.1%	18	29
George Mason University	D	37.5%	12	62.5%	20	32
Alabama	D	37.2%	16	62.8%	27	43
New Mexico State University	D	37.0%	10	63.0%	17	27
Northern Colorado	D	37.0%	10	63.0%	17	27
South Florida	D	37.0%	10	63.0%	17	27
Southern utah University	D	37.0%	10	63.0%	17	27
Long Beach State University	D	36.7%	11	63.3%	19	30
Marist College	D	36.4%	16	63.6%	28	44
Abilene Christian University	D	36.0%	9	64.0%	16	25
Iona College	D	35.7%	10	64.3%	18	28
Middle Tennessee State	D	35.7%	5	64.3%	9	14
Hampton University	D	35.3%	6	64.7%	11	17
Tulsa	D	35.3%	12	64.7%	22	34
Youngstown State	D	35.3%	12	64.7%	22	34
Howard University	D	34.8%	8	65.2%	15	23
Southeastern Louisiana	D	34.8%	8	65.2%	15	23
Butler	D	34.4%	11	65.6%	21	32
Pittsburgh	D	34.4%	11	65.6%	21	32
Alabama State	D	33.3%	8	66.7%	16	24
South Carolina Upstate	D	33.3%	6	66.7%	10	18

		Female		Male		
School	Grade	%	n	%	n	N
Texas A&M - Corpus Christi	D	33.3%	9	66.7%	18	27
University of North Texas	D	32.1%	9	67.9%	19	28
Wisconsin-Milwaukee	D	32.0%	8	68.0%	17	25
Saint Peter's University	D	31.6%	6	68.4%	13	19
Montana State - Bozeman	D	30.0%	6	70.0%	14	20
Cleveland State	D	28.6%	8	71.4%	20	28
Jacksonville State	D	28.0%	7	72.0%	18	25
Chicago State University	D	27.8%	5	72.2%	13	18
Tennessee at Chattanooga	D	27.8%	5	72.2%	13	18
New Jersey Institute of Technology	D	27.3%	6	72.7%	16	22
Norfolk State	D	27.3%	6	72.7%	16	22
Morgan State	D	26.3%	5	73.7%	14	19
Oral Roberts	D	25.0%	5	75.0%	15	20
Savannah State	D	25.0%	2	75.0%	6	8
University of North Dakota	D	25.0%	6	75.0%	18	24
Virginia Military Institute	D	25.0%	3	75.0%	9	12
Texas Rio Grande Valley	F	23.5%	4	76.5%	13	17
The Citadel	F	15.4%	2	84.6%	11	13

\* = rounding up resulted in the institution moving up a grade level

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

