



1982/83 – 2019/20 ALL SPORT REPORT – TABLE APPENDIX

Contents

HIGH SCHOOL TRAUMATIC INJURY (DIRECT) – TABLES I TO II.....	2
HIGH SCHOOL EXERTIONAL/MEDICAL INDIRECT – TABLES III TO IV	21
COLLEGE LEVEL TRAUMATIC INJURY (DIRECT) – TABLES V TO VI	36
COLLEGE LEVELEXERTIONAL/MEDICAL (INDIRECT) – TABLES VII TO VIII.....	49
SPORT PARTICIPATION – TABLE IX	61

Notes:

If there were no events in the sport for a particular year, the year is excluded from the frequency Table.

Rates with number of incidents less than 5 should be interpreted with caution.

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HIGH SCHOOL TRAUMATIC INJURY (DIRECT) – TABLES I TO II

Table I: Baseball high school direct injuries

	Male				All
	Fatal	Non-fatal	Serious	Unknown	
1982-1983	0	1	1	0	2
1983-1984	2	0	0	0	2
1985-1986	0	1	3	0	4
1987-1988	0	1	0	0	1
1988-1989	0	1	2	0	3
1989-1990	0	2	0	0	2
1990-1991	1	0	0	0	1
1992-1993	0	0	2	0	2
1994-1995	0	2	0	0	2
1996-1997	2	1	1	1	5
1997-1998	1	2	1	0	4
1998-1999	0	2	3	0	5
1999-2000	1	0	0	0	1
2000-2001	0	0	2	0	2
2001-2002	0	1	0	0	1
2002-2003	0	0	1	0	1
2003-2004	1	0	0	0	1
2004-2005	1	1	1	1	4
2006-2007	1	0	2	0	3

	Male				All
	Fatal	Non-fatal	Serious	Unknown	
2007-2008	0	0	1	0	1
2008-2009	2	3	1	0	6
2009-2010	1	1	1	0	3
2010-2011	0	0	1	0	1
2011-2012	1	2	2	0	5
2014-2015	1	0	0	0	1
2015-2016	0	0	1	0	1
2017-2018	0	0	2	0	2
2018-2019	0	0	1	0	1
2019-2020	0	0	1	0	1
All	15	21	30	2	68

Table I: Basketball high school direct injuries

	Female			Male				
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
1984-1985	1	0	1	0	0	0	0	0
1987-1988	0	0	0	0	0	1	0	1
1988-1989	0	0	0	0	1	1	0	2
1992-1993	0	0	0	0	1	0	0	1
1993-1994	0	0	0	0	0	1	0	1
1996-1997	0	1	1	0	0	0	0	0
1997-1998	0	0	0	0	1	1	0	2

	Female				Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
1998-1999	1	0	1	1	0	0	0	1
1999-2000	0	0	0	0	0	1	0	1
2001-2002	0	0	0	0	1	1	0	2
2002-2003	0	1	1	0	0	0	0	0
2003-2004	0	1	1	0	0	0	1	1
2005-2006	0	0	0	0	0	1	0	1
2006-2007	0	0	0	0	0	1	0	1
2008-2009	0	0	0	0	0	1	0	1
2010-2011	1	0	1	0	0	0	0	0
2018-2019	0	0	0	0	0	1	0	1
2019-2020	0	0	0	0	0	1	0	1
All	3	3	6	1	4	11	1	17

Table I: Cheerleading high school direct injuries

	Female				Male			
	Fatal	Non-fatal	Serious	Unknown	All	Non-fatal	Serious	All
1984-1985	0	2	0	0	2	0	0	0
1986-1987	0	1	1	0	2	0	0	0
1987-1988	0	1	1	0	2	0	0	0
1988-1989	0	0	1	0	1	0	0	0
1989-1990	0	1	1	0	2	0	0	0
1990-1991	0	0	1	0	1	0	0	0
1992-1993	0	0	2	0	2	0	0	0
1993-1994	0	1	2	0	3	0	0	0
1994-1995	0	1	1	1	3	0	0	0
1995-1996	0	1	0	0	1	0	0	0
1996-1997	0	0	1	0	1	0	0	0
1998-1999	0	0	4	0	4	0	0	0
1999-2000	0	0	2	0	2	0	0	0
2000-2001	0	0	2	0	2	0	0	0
2001-2002	0	1	4	0	5	1	0	1
2002-2003	0	2	2	0	4	0	0	0
2003-2004	0	1	3	2	6	0	0	0
2004-2005	0	1	3	0	4	0	0	0
2005-2006	1	1	4	1	7	0	1	1
2006-2007	0	0	3	0	3	0	0	0

	Female				Male			
	Fatal	Non-fatal	Serious	Unknown	All	Non-fatal	Serious	All
2007-2008	0	4	0	0	4	0	0	0
2008-2009	0	1	1	0	2	0	0	0
2009-2010	0	3	1	0	4	0	0	0
2010-2011	0	1	1	0	2	0	0	0
2015-2016	0	0	1	0	1	0	0	0
2016-2017	0	0	0	2	2	0	0	0
All	1	23	42	6	72	1	1	2

Table I: Cross Country high school direct injuries

	Female		Male		
	Fatal	All	Fatal	Non-fatal	All
1983-1984	0	0	0	1	1
2011-2012	0	0	0	1	1
2012-2013	0	0	1	0	1
2015-2016	1	1	0	0	0
2017-2018	1	1	0	0	0
All	2	2	1	2	3

Table I: Field Hockey high school direct injuries

	Female		
	Non-fatal	Unknown	All
1996-1997	0	2	2
1998-1999	1	0	1
All	1	2	3

Table I: Football high school direct injuries

	Male				All
	Fatal	Non-fatal	Serious	Unknown	
1982-1983	7	7	10	0	24
1983-1984	4	11	8	0	23
1984-1985	5	9	9	0	23
1985-1986	3	13	11	0	27
1986-1987	11	5	10	1	27
1987-1988	4	20	22	0	46
1988-1989	7	10	11	0	28
1989-1990	4	22	13	0	39
1990-1991	0	11	8	0	19
1991-1992	3	4	12	0	19
1992-1993	2	11	10	0	23
1993-1994	3	11	11	2	27
1994-1995	0	5	11	0	16
1995-1996	3	13	8	1	25
1996-1997	5	11	8	0	24
1997-1998	6	17	8	0	31
1998-1999	5	8	16	1	30
1999-2000	3	12	7	0	22
2000-2001	3	12	8	0	23
2001-2002	7	10	10	1	28

	Male				
	Fatal	Non-fatal	Serious	Unknown	All
2002-2003	3	8	10	1	22
2003-2004	2	19	12	0	33
2004-2005	4	12	4	0	20
2005-2006	2	11	5	0	18
2006-2007	1	19	8	0	28
2007-2008	1	14	21	0	36
2008-2009	8	25	22	0	55
2009-2010	1	17	16	0	34
2010-2011	2	12	15	0	29
2011-2012	3	18	13	0	34
2012-2013	2	5	4	0	11
2013-2014	7	8	11	2	28
2014-2015	5	5	6	1	17
2015-2016	7	8	24	3	42
2016-2017	2	4	11	2	19
2017-2018	2	7	12	4	25
2018-2019	3	5	15	3	26
2019-2020	2	2	10	7	21
All	142	421	430	29	1022

Table I: Golf high school direct injuries

	Male	
	Serious	All
2005-2006	1	1
All	1	1

Table I: Gymnastics high school direct injuries

	Female			Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1982-1983	0	0	0	0	1	0	1
1983-1984	0	1	1	0	0	0	0
1984-1985	2	1	3	0	0	0	0
1986-1987	1	0	1	0	0	0	0
1987-1988	1	1	2	1	0	0	1
1992-1993	1	0	1	0	0	0	0
1994-1995	1	0	1	0	0	1	1
2000-2001	0	0	0	0	1	0	1
2014-2015	0	1	1	0	0	0	0
2015-2016	1	0	1	0	0	0	0
All	7	4	11	1	2	1	4

Table I: Ice Hockey high school direct injuries

	Female				Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
1982-1983	0	0	0	0	0	1	0	1
1983-1984	0	0	0	0	1	0	0	1
1986-1987	0	0	0	0	2	0	0	2
1987-1988	0	0	0	0	0	1	0	1
1988-1989	0	0	0	1	0	0	0	1
1990-1991	0	0	0	0	1	0	0	1
1991-1992	0	0	0	0	0	1	0	1
1994-1995	0	0	0	1	1	1	0	3
1999-2000	0	1	1	0	1	0	0	1
2001-2002	0	1	1	0	0	0	0	0
2002-2003	0	0	0	0	0	1	0	1
2004-2005	0	0	0	0	1	0	0	1
2005-2006	0	0	0	0	0	1	0	1
2008-2009	0	0	0	0	2	0	0	2
2009-2010	0	0	0	0	2	1	0	3
2010-2011	0	0	0	2	0	1	0	3
2011-2012	1	0	1	0	1	0	0	1
2013-2014	0	0	0	0	1	1	0	2
2014-2015	0	0	0	0	0	1	0	1
2016-2017	0	0	0	0	1	1	0	2

	Female				Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
2017-2018	0	0	0	0	0	1	0	1
2019-2020	0	0	0	0	0	0	1	1
All	1	2	3	4	14	12	1	31

Table I: Lacrosse high school direct injuries

	Female				Male			
	Serious	Unknown	All	Fatal	Non-fatal	Serious	Unknown	All
1986-1987	0	0	0	1	0	0	0	1
1996-1997	0	0	0	0	1	0	0	1
1999-2000	0	0	0	1	0	0	1	2
2000-2001	0	0	0	0	1	0	0	1
2001-2002	0	0	0	0	1	0	0	1
2002-2003	0	0	0	0	1	0	0	1
2003-2004	1	0	1	0	0	0	0	0
2006-2007	0	0	0	0	0	2	0	2
2007-2008	0	0	0	0	0	4	0	4
2008-2009	0	0	0	0	0	1	0	1
2009-2010	1	0	1	0	0	0	0	0
2010-2011	0	0	0	0	1	1	0	2
2012-2013	0	0	0	0	0	0	1	1
2014-2015	0	1	1	0	1	0	0	1
2015-2016	0	0	0	0	0	1	0	1
2017-2018	0	0	0	0	0	1	0	1
2018-2019	0	0	0	0	1	1	0	2
All	2	1	3	2	7	11	2	22

Table I: Skiing high school direct injuries

Female		
	Fatal	All
1995-1996	1	1
All	1	1

Table I: Soccer high school direct injuries

	Female				Male				
	Fatal	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
1982-1983	0	0	0	0	0	0	1	0	1
1983-1984	0	0	0	0	1	0	0	0	1
1984-1985	0	0	0	0	0	0	1	0	1
1990-1991	0	0	0	0	1	0	0	0	1
1991-1992	0	0	0	0	0	0	1	0	1
1992-1993	0	0	0	0	2	0	0	0	2
1994-1995	0	0	0	0	0	1	0	0	1
1995-1996	0	0	0	0	0	0	0	1	1
1996-1997	0	0	0	0	0	0	1	0	1
1998-1999	0	0	0	0	1	0	0	0	1
1999-2000	0	0	0	0	0	1	0	0	1
2000-2001	1	0	0	1	0	0	0	0	0
2003-2004	0	1	0	1	0	0	0	0	0
2005-2006	0	0	0	0	1	0	0	0	1
2006-2007	0	0	0	0	0	0	1	0	1
2007-2008	0	0	1	1	0	0	0	0	0
2008-2009	0	0	0	0	0	0	1	0	1
2009-2010	0	0	1	1	0	0	0	0	0
2010-2011	0	0	0	0	1	0	0	0	1
2011-2012	0	0	2	2	0	0	0	0	0

	Female				Male				
	Fatal	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
2013-2014	1	0	0	1	0	0	0	0	0
2014-2015	0	0	1	1	0	0	0	0	0
2016-2017	0	0	0	0	0	0	1	0	1
2018-2019	0	0	1	1	0	0	0	0	0
All	2	1	6	9	7	2	7	1	17

Table I: Softball high school direct injuries

	Female		
	Non-fatal	Serious	All
1993-1994	0	3	3
1994-1995	1	0	1
2006-2007	0	1	1
2008-2009	0	1	1
2009-2010	0	1	1
All	1	6	7

Table I: Swimming high school direct injuries

	Female			Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1982-1983	0	0	0	0	0	2	2
1986-1987	0	0	0	0	0	1	1
1987-1988	1	0	1	0	1	0	1
1988-1989	1	0	1	0	3	0	3
1989-1990	1	0	1	0	0	0	0
1994-1995	1	0	1	0	0	0	0
1996-1997	1	0	1	0	0	0	0

	Female			Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1997-1998	0	0	0	0	1	0	1
1998-1999	0	0	0	1	0	0	1
2001-2002	0	1	1	0	0	0	0
2015-2016	0	0	0	0	1	0	1
All	5	1	6	1	6	3	10

Table I: Track and Field high school direct injuries

	Female				Male				
	Fatal	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
1982-1983	0	0	0	0	3	0	0	0	3
1983-1984	0	0	0	0	0	1	0	0	1
1984-1985	0	0	0	0	1	0	0	0	1
1985-1986	0	0	0	0	0	1	0	0	1
1986-1987	0	0	0	0	1	0	0	1	2
1987-1988	0	0	0	0	0	0	1	0	1
1989-1990	0	0	0	0	1	1	1	0	3
1990-1991	0	0	0	0	2	1	1	0	4
1991-1992	1	0	0	1	0	2	0	0	2
1992-1993	0	0	0	0	0	1	2	0	3
1993-1994	0	0	0	0	2	2	0	0	4
1994-1995	0	0	0	0	1	0	0	0	1
1996-1997	0	0	1	1	3	1	1	0	5
1997-1998	0	0	1	1	1	0	1	0	2
1998-1999	0	0	1	1	0	0	1	0	1
1999-2000	0	0	0	0	2	0	0	0	2
2000-2001	0	0	0	0	0	0	1	0	1
2001-2002	0	1	1	2	2	3	1	1	7

	Female				Male				
	Fatal	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
2003-2004	0	0	0	0	0	1	0	0	1
2004-2005	0	0	0	0	0	1	1	0	2
2005-2006	0	0	0	0	0	1	1	0	2
2006-2007	0	0	1	1	0	0	0	0	0
2007-2008	0	0	0	0	1	1	0	0	2
2008-2009	0	1	1	2	0	0	0	0	0
2012-2013	0	0	0	0	1	0	0	0	1
2014-2015	0	0	0	0	0	0	1	0	1
2015-2016	0	0	0	0	0	0	2	0	2
2016-2017	0	0	1	1	0	0	0	0	0
2018-2019	0	0	0	0	0	0	2	1	3
2019-2020	2	0	0	2	2	0	0	1	3
All	3	2	7	12	23	17	17	4	61

Table I: Volleyball high school direct injuries

	Male	
	Non-fatal	All
1994-1995	1	1
All	1	1

Table I: Wrestling high school direct injuries

	Male				
	Fatal	Non-fatal	Serious	Unknown	All
1982-1983	0	1	0	0	1
1983-1984	1	1	2	0	4

	Male				
	Fatal	Non-fatal	Serious	Unknown	All
1984-1985	0	1	1	0	2
1985-1986	0	0	2	0	2
1986-1987	0	4	0	0	4
1987-1988	0	1	1	0	2
1988-1989	0	3	2	0	5
1990-1991	0	2	0	0	2
1991-1992	0	3	1	0	4
1993-1994	0	2	1	0	3
1994-1995	0	1	0	0	1
1995-1996	0	0	1	0	1
1996-1997	0	1	1	0	2
1997-1998	0	2	0	1	3
1998-1999	0	1	2	0	3
1999-2000	0	2	1	0	3
2000-2001	0	1	0	0	1
2001-2002	0	2	2	0	4
2002-2003	0	2	0	0	2
2003-2004	0	2	1	0	3
2005-2006	1	0	0	0	1
2006-2007	0	3	1	0	4
2007-2008	0	0	1	0	1
2008-2009	0	0	1	0	1
2010-2011	1	2	0	0	3
2011-2012	0	1	1	0	2
2013-2014	0	0	1	0	1
2016-2017	0	0	1	0	1
2017-2018	0	1	0	0	1
All	3	39	24	1	67

TABLE II
HIGH SCHOOL SPORTS
DIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2019-2020

		Fatal		Non-fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	15	0.09	21	0.12	30	0.18
Basketball	Female	0	0	3	0.02	3	0.02
	Male	1	0.00	4	0.02	11	0.05
Cheerleading	Female	1	0.04	23	0.86	42	1.58
	Male	0	0	1	1.51	1	1.51
Cross Country	Female	2	0.03	0	0	0	0
	Male	1	0.01	2	0.03	0	0
Field Hockey	Female	0	0	1	0.05	0	0
Football	Male	142	0.37	421	1.10	430	1.13
Golf	Male	0	0	0	0	1	0.02
Gymnastics	Female	0	0	7	0.81	4	0.46
	Male	1	0.82	2	1.63	1	0.82
Ice Hockey	Female	0	0	1	0.55	2	1.09
	Male	4	0.35	14	1.22	12	1.04
Lacrosse	Female	0	0	0	0	2	0.13
	Male	2	0.09	7	0.33	11	0.52
Skiing	Female	1	0.32	0	0	0	0
Soccer	Female	2	0.02	1	0.01	6	0.06
	Male	7	0.06	2	0.02	7	0.06
Softball	Female	0	0	1	0.01	6	0.05
Swimming	Female	0	0	5	0.10	1	0.02
	Male	1	0.03	6	0.15	3	0.08
Track and Field	Female	3	0.02	2	0.01	7	0.04
	Male	23	0.11	17	0.08	17	0.08
Volleyball	Male	0	0	1	0.07	0	0
Wrestling	Male	3	0.03	39	0.42	24	0.26

Note: Rates with number of incidents less than 5 should be interpreted with caution.

HIGH SCHOOL EXERTIONAL/MEDICAL INDIRECT – TABLES III TO IV

Table III: Baseball high school indirect injuries

	Male		
	Fatal	Serious	All
1984-1985	2	0	2
1989-1990	1	0	1
1990-1991	1	0	1
1994-1995	2	0	2
1996-1997	1	0	1
1999-2000	2	0	2
2002-2003	1	0	1
2004-2005	3	0	3
2008-2009	1	0	1
2009-2010	1	1	2
2011-2012	1	0	1
2012-2013	1	0	1
2013-2014	1	1	2
2014-2015	0	2	2
2015-2016	1	0	1
2016-2017	1	1	2
2018-2019	0	1	1
2019-2020	0	1	1
All	20	7	27

Table III: Basketball high school indirect injuries

	Female			Male			All
	Fatal	Serious	All	Fatal	Serious	Unknown	
1982-1983	0	0	0	3	0	0	3
1983-1984	1	0	1	3	0	0	3
1984-1985	0	0	0	2	0	0	2
1985-1986	0	0	0	1	0	0	1
1986-1987	0	0	0	3	0	0	3
1987-1988	0	0	0	4	0	0	4
1988-1989	0	0	0	2	0	0	2
1989-1990	2	0	2	2	0	0	2
1990-1991	1	0	1	6	0	0	6
1991-1992	0	0	0	5	0	0	5
1992-1993	1	0	1	2	0	0	2
1993-1994	1	0	1	3	0	0	3
1994-1995	1	0	1	2	0	0	2
1995-1996	0	0	0	2	0	0	2
1996-1997	0	0	0	2	0	0	2
1997-1998	1	0	1	6	0	0	6
1998-1999	1	0	1	11	0	0	11
1999-2000	0	0	0	3	0	0	3
2000-2001	1	0	1	2	0	0	2
2001-2002	0	0	0	4	0	1	5
2002-2003	1	0	1	5	0	0	5
2003-2004	0	0	0	6	0	0	6
2004-2005	1	0	1	4	0	0	4
2005-2006	1	0	1	7	0	0	7
2006-2007	0	0	0	3	0	0	3
2007-2008	1	0	1	4	0	0	4

	Female			Male			All
	Fatal	Serious	All	Fatal	Serious	Unknown	
2008-2009	0	0	0	4	0	0	4
2009-2010	0	0	0	4	3	0	7
2010-2011	1	0	1	1	0	0	1
2011-2012	0	0	0	3	0	0	3
2012-2013	0	0	0	3	0	0	3
2013-2014	0	1	1	6	4	0	10
2014-2015	0	0	0	4	5	0	9
2015-2016	1	0	1	5	2	0	7
2016-2017	0	1	1	3	6	0	9
2017-2018	0	0	0	2	9	0	11
2018-2019	1	0	1	5	3	0	8
2019-2020	1	0	1	1	5	0	6
All	18	2	20	138	37	1	176

Table III: Cheerleading high school indirect injuries

	Female		
	Fatal	Serious	All
1991-1992	1	0	1
1996-1997	1	0	1
2000-2001	1	0	1
2003-2004	1	0	1
2005-2006	1	0	1
2007-2008	0	1	1
2009-2010	1	0	1
2011-2012	1	0	1
2013-2014	1	0	1
2014-2015	0	1	1
2015-2016	0	1	1
2017-2018	0	1	1
All	8	4	12

Table III: Cross Country high school indirect injuries

	Female			Male			Unknown	
	Fatal	Serious	All	Fatal	Serious	All	Unknown	All
1982-1983	0	0	0	2	0	2	0	0
1983-1984	0	0	0	1	0	1	0	0
1987-1988	0	0	0	1	0	1	0	0
1990-1991	0	0	0	1	0	1	0	0
1992-1993	1	0	1	1	0	1	0	0
1993-1994	0	0	0	1	0	1	0	0
1994-1995	0	0	0	1	0	1	0	0
1995-1996	0	0	0	1	0	1	0	0
1997-1998	0	0	0	1	0	1	0	0

	Female			Male			Unknown	
	Fatal	Serious	All	Fatal	Serious	All	Unknown	All
1998-1999	0	0	0	1	0	1	0	0
1999-2000	0	0	0	1	0	1	0	0
2001-2002	1	0	1	1	0	1	0	0
2002-2003	2	0	2	0	0	0	0	0
2003-2004	0	0	0	1	0	1	0	0
2004-2005	2	0	2	1	0	1	0	0
2006-2007	0	0	0	1	0	1	0	0
2007-2008	2	0	2	0	1	1	0	0
2009-2010	0	0	0	2	0	2	0	0
2010-2011	0	0	0	1	1	2	0	0
2011-2012	0	0	0	1	0	1	0	0
2012-2013	0	1	1	0	0	0	0	0
2013-2014	1	3	4	0	0	0	1	1
2015-2016	1	0	1	0	1	1	0	0
2016-2017	0	0	0	1	0	1	0	0
2017-2018	0	0	0	0	2	2	0	0
2018-2019	1	0	1	0	0	0	0	0
All	11	4	15	21	5	26	1	1

Table III: Field Hockey high school indirect injuries

	Female	
	Fatal	All
2007-2008	1	1
2015-2016	1	1
All	2	2

Table III: Football high school indirect injuries

	Male				All
	Fatal	Non-fatal	Serious	Unknown	
1982-1983	6	0	0	0	6
1983-1984	6	0	0	0	6
1984-1985	3	0	0	0	3
1985-1986	1	0	0	1	2
1986-1987	6	0	1	0	7
1987-1988	4	0	0	0	4
1988-1989	10	0	1	0	11
1989-1990	9	0	1	0	10
1990-1991	4	0	0	0	4
1991-1992	2	0	0	0	2
1992-1993	9	0	0	0	9
1993-1994	6	0	0	0	6
1994-1995	2	0	0	0	2
1995-1996	8	0	0	0	8
1996-1997	8	0	0	0	8
1997-1998	7	0	0	0	7
1998-1999	6	0	0	0	6
1999-2000	13	0	1	0	14
2000-2001	12	0	0	0	12
2001-2002	8	0	0	0	8
2002-2003	6	0	0	0	6
2003-2004	4	0	0	0	4
2004-2005	9	0	1	0	10
2005-2006	4	0	0	0	4
2006-2007	9	0	2	0	11
2007-2008	8	0	0	0	8
2008-2009	6	0	3	0	9

	Male				All
	Fatal	Non-fatal	Serious	Unknown	
2009-2010	12	0	1	0	13
2010-2011	9	0	2	0	11
2011-2012	10	0	0	0	10
2012-2013	8	1	1	0	10
2013-2014	6	0	1	0	7
2014-2015	7	1	11	0	19
2015-2016	5	0	6	1	12
2016-2017	4	0	5	0	9
2017-2018	4	0	4	0	8
2018-2019	5	0	8	0	13
2019-2020	5	1	5	0	11
All	251	3	54	2	310

Table III: Ice Hockey high school indirect injuries

	Male		
	Fatal	Serious	All
1990-1991	1	0	1
1994-1995	1	0	1
1999-2000	1	0	1
2003-2004	1	0	1
2014-2015	0	1	1
2015-2016	0	1	1
2016-2017	1	1	2
All	5	3	8

Table III: Lacrosse high school indirect injuries

	Female			Male	
	Fatal	All	Fatal	Serious	All
1982-1983	0	0	1	0	1
1994-1995	0	0	1	0	1
1995-1996	0	0	1	0	1
1999-2000	0	0	1	1	2
2004-2005	0	0	1	0	1
2006-2007	0	0	3	0	3
2011-2012	0	0	1	0	1
2014-2015	0	0	0	1	1
2016-2017	1	1	0	0	0
2017-2018	0	0	1	0	1
All	1	1	10	2	12

Table III: Rowing high school indirect injuries

	Male	
	Serious	All
2014-2015	1	1
All	1	1

Table III: Soccer high school indirect injuries

	Female			Male				
	Fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	All
1985-1986	0	0	0	1	0	0	0	1
1986-1987	1	0	1	1	0	0	0	1
1989-1990	0	0	0	1	0	0	0	1

	Female			Male				All
	Fatal	Serious	All	Fatal	Non-fatal	Serious	Unknown	
1990-1991	0	0	0	2	0	0	0	2
1991-1992	0	0	0	1	0	0	0	1
1992-1993	0	0	0	1	0	0	0	1
1993-1994	0	0	0	3	0	0	0	3
1994-1995	0	0	0	1	0	0	0	1
1996-1997	0	0	0	1	0	0	0	1
1997-1998	1	0	1	0	0	0	0	0
1998-1999	1	0	1	1	0	0	0	1
1999-2000	1	0	1	0	0	0	0	0
2000-2001	1	0	1	1	0	0	0	1
2001-2002	1	0	1	2	0	0	0	2
2003-2004	0	0	0	1	0	0	0	1
2004-2005	0	0	0	3	0	0	0	3
2005-2006	0	0	0	2	0	0	0	2
2007-2008	0	0	0	2	0	0	0	2
2008-2009	1	1	2	1	0	0	0	1
2009-2010	0	0	0	0	1	0	0	1
2011-2012	0	0	0	1	0	0	0	1
2013-2014	1	0	1	0	0	1	1	2
2014-2015	0	1	1	1	0	1	0	2
2015-2016	1	0	1	2	0	2	0	4
2016-2017	0	0	0	0	0	1	1	2
2017-2018	2	0	2	1	0	3	0	4
2018-2019	0	1	1	0	0	0	0	0
2019-2020	0	0	0	1	0	0	0	1
All	11	3	14	31	1	8	2	42

Table III: Softball high school indirect injuries

	Female	
	Fatal	All
1998-1999	1	1
All	1	1

Table III: Swimming high school indirect injuries

	Female				Male		
	Fatal	Serious	Unknown	All	Fatal	Serious	All
1986-1987	1	0	0	1	0	0	0
1987-1988	1	0	0	1	0	0	0
1988-1989	1	0	0	1	0	0	0
1995-1996	1	0	1	2	0	0	0
2000-2001	1	0	0	1	0	0	0
2002-2003	1	0	0	1	1	0	1
2005-2006	1	0	0	1	0	0	0
2010-2011	0	0	0	0	1	0	1
2012-2013	0	0	0	0	2	0	2
2014-2015	1	0	0	1	0	0	0
2015-2016	0	2	0	2	1	0	1
2016-2017	0	0	0	0	1	0	1
2017-2018	0	0	0	0	1	1	2
2019-2020	1	0	0	1	0	0	0
All	9	2	1	12	7	1	8

Table III: Tennis high school indirect injuries

	Female		Male	
	Fatal	All	Fatal	All
1987-1988	0	0	1	1
1999-2000	0	0	1	1
2000-2001	0	0	1	1
2008-2009	0	0	1	1
2014-2015	1	1	0	0
2016-2017	1	1	0	0
All	2	2	4	4

Table III: Track and Field high school indirect injuries

	Female			Male		
	Fatal	Non-fatal	All	Fatal	Serious	All
1982-1983	0	0	0	3	0	3
1984-1985	0	0	0	2	0	2
1985-1986	0	0	0	1	0	1
1987-1988	0	0	0	1	0	1
1989-1990	1	0	1	3	0	3
1990-1991	1	0	1	1	0	1
1992-1993	1	0	1	2	0	2
1993-1994	0	0	0	1	0	1
1996-1997	0	0	0	1	0	1
1998-1999	1	0	1	0	0	0
1999-2000	0	0	0	2	0	2
2000-2001	0	0	0	3	0	3
2001-2002	0	0	0	1	0	1
2002-2003	0	0	0	1	0	1
2004-2005	1	0	1	1	0	1
2006-2007	0	1	1	3	0	3
2007-2008	0	0	0	2	0	2
2008-2009	0	0	0	1	0	1
2009-2010	0	0	0	2	0	2
2010-2011	2	0	2	1	0	1
2012-2013	0	0	0	1	0	1
2013-2014	0	0	0	1	1	2
2014-2015	0	0	0	3	0	3
2015-2016	0	0	0	1	2	3
2016-2017	0	0	0	0	2	2
2017-2018	0	0	0	0	2	2
2018-2019	0	0	0	0	2	2

	Female			Male		
	Fatal	Non-fatal	All	Fatal	Serious	All
All	7	1	8	38	9	47

Table III: Volleyball high school indirect injuries

	Female		
	Fatal	Serious	All
1993-1994	1	0	1
2005-2006	0	1	1
2015-2016	0	1	1
2019-2020	1	1	2
All	2	3	5

Table III: Water Polo high school indirect injuries

	Female			Male	
	Fatal	Serious	All	Fatal	All
1992-1993	0	0	0	1	1
1995-1996	0	0	0	1	1
1996-1997	0	0	0	1	1
1999-2000	1	0	1	0	0
2018-2019	0	1	1	0	0
All	1	1	2	3	3

Table III: Wrestling high school indirect injuries

	Male			
	Fatal	Serious	Unknown	All
1983-1984	4	0	0	4
1984-1985	2	0	0	2
1985-1986	3	0	0	3
1986-1987	1	0	0	1
1990-1991	1	0	0	1
1993-1994	1	0	0	1
1995-1996	1	0	0	1
2001-2002	1	0	0	1
2003-2004	1	0	0	1
2004-2005	2	0	1	3
2005-2006	1	1	0	2
2007-2008	1	0	0	1
2008-2009	3	0	0	3
2009-2010	1	0	0	1
2010-2011	2	0	0	2
2011-2012	1	0	0	1
2012-2013	2	0	0	2
2013-2014	0	2	0	2
2014-2015	0	1	0	1
2015-2016	1	0	0	1
2016-2017	1	1	0	2
2019-2020	1	3	0	4
All	31	8	1	40

TABLE IV
HIGH SCHOOL SPORTS
INDIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2019-2020

		Fatal		Non-fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	20	0.12	0	0	7	0.04
Basketball	Female	18	0.11	0	0	2	0.01
	Male	138	0.68	0	0	37	0.18
Cheerleading	Female	8	0.30	0	0	4	0.15
Cross Country	Female	11	0.18	0	0	4	0.07
	Male	21	0.29	0	0	5	0.07
Field Hockey	Female	2	0.09	0	0	0	0
Football	Male	251	0.66	3	0.01	54	0.14
Ice Hockey	Male	5	0.43	0	0	3	0.26
Lacrosse	Female	1	0.06	0	0	0	0
	Male	10	0.47	0	0	2	0.09
Rowing	Male	0	0	0	0	1	1.63
Soccer	Female	11	0.11	0	0	3	0.03
	Male	31	0.25	1	0.01	8	0.07
Softball	Female	1	0.01	0	0	0	0
Swimming	Female	9	0.18	0	0	2	0.04
	Male	7	0.18	0	0	1	0.03
Tennis	Female	2	0.03	0	0	0	0
	Male	4	0.07	0	0	0	0
Track and Field	Female	7	0.04	1	0.01	0	0
	Male	38	0.18	0	0	9	0.04
Volleyball	Female	2	0.01	0	0	3	0.02
Water Polo	Female	1	0.23	0	0	1	0.23
	Male	3	0.53	0	0	0	0
Wrestling	Male	31	0.33	0	0	8	0.09

Note: Rates with number of incidents less than 5 should be interpreted with caution.

COLLEGE LEVEL TRAUMATIC INJURY (DIRECT) – TABLES V TO VI

Table V: Baseball college direct injuries

	Male				All
	Fatal	Non-fatal	Serious	Unknown	
1985-1986	1	0	0	0	1
1988-1989	0	1	0	0	1
1989-1990	0	0	1	0	1
1991-1992	1	0	0	0	1
1996-1997	0	1	0	0	1
1998-1999	0	1	0	0	1
1999-2000	0	1	0	0	1
2000-2001	1	0	2	0	3
2003-2004	0	1	1	0	2
2004-2005	0	0	1	0	1
2009-2010	0	0	3	0	3
2010-2011	0	2	0	0	2
2014-2015	0	0	1	0	1
2015-2016	0	0	0	1	1
All	3	7	9	1	20

Table V: Basketball college direct injuries

	Male			
	Fatal	Non-fatal	Serious	All
1985-1986	0	0	1	1
1988-1989	0	0	1	1
1992-1993	0	0	1	1
1999-2000	1	0	1	2
2000-2001	0	0	1	1
2002-2003	0	0	2	2
2005-2006	0	1	0	1
2009-2010	0	0	1	1
2016-2017	0	0	1	1
All	1	1	9	11

Table V: Cheerleading college direct injuries

	Female				Male			
	Fatal	Non-fatal	Serious	Unknown	All	Non-fatal	Serious	All
1983-1984	0	1	0	0	1	1	0	1
1984-1985	0	2	0	0	2	0	0	0
1986-1987	1	0	0	0	1	0	0	0
1987-1988	0	0	0	0	0	0	1	1
1989-1990	0	0	0	0	0	0	1	1
1991-1992	0	0	2	0	2	0	0	0
1993-1994	0	0	1	0	1	0	0	0
1994-1995	0	0	1	0	1	0	1	1
1996-1997	0	2	0	0	2	0	0	0
1999-2000	0	1	0	0	1	0	0	0
2000-2001	0	2	0	0	2	0	0	0
2001-2002	0	1	1	1	3	0	0	0
2002-2003	0	1	0	0	1	0	0	0
2003-2004	0	2	0	0	2	0	0	0
2005-2006	0	0	2	0	2	0	0	0
2006-2007	0	0	1	0	1	0	0	0
2007-2008	0	1	1	0	2	1	0	1
2008-2009	0	0	2	0	2	0	0	0
2009-2010	0	0	1	0	1	0	0	0
2011-2012	0	0	1	0	1	0	0	0
All	1	13	13	1	28	2	3	5

Table V: Equestrian college direct injuries

	Female	
	Fatal	All
2003-2004	1	1
All	1	1

Table V: Field Hockey college direct injuries

	Female		
	Serious	Unknown	All
1988-1989	1	0	1
1999-2000	1	0	1
2005-2006	0	1	1
All	2	1	3

Table V: Football college direct injuries

	Male			
	Fatal	Non-fatal	Serious	All
1982-1983	1	2	1	4
1983-1984	0	1	5	6
1984-1985	1	3	4	8
1985-1986	1	3	7	11
1986-1987	1	0	9	10
1987-1988	0	0	7	7
1988-1989	0	1	7	8
1989-1990	0	2	3	5
1990-1991	0	2	3	5
1991-1992	0	1	3	4
1992-1993	0	0	3	3
1993-1994	2	0	3	5
1994-1995	0	2	6	8
1995-1996	0	2	2	4
1996-1997	1	3	1	5
1997-1998	0	1	4	5
1998-1999	1	1	5	7
1999-2000	1	1	2	4
2000-2001	0	3	3	6
2001-2002	0	1	3	4
2002-2003	1	2	2	5
2003-2004	0	2	3	5
2004-2005	0	2	1	3
2005-2006	0	2	1	3
2006-2007	0	1	6	7
2007-2008	0	0	8	8
2008-2009	0	0	8	8

	Male			
	Fatal	Non-fatal	Serious	All
2009-2010	2	1	6	9
2010-2011	0	5	2	7
2011-2012	2	0	7	9
2012-2013	0	3	4	7
2013-2014	1	0	1	2
2014-2015	0	0	3	3
2015-2016	0	3	9	12
2016-2017	0	0	2	2
2017-2018	2	1	3	6
2018-2019	0	1	2	3
2019-2020	0	0	2	2
All	17	52	151	220

Table V: Gymnastics college direct injuries

	Female			Male			Unknown	
	Fatal	Non-fatal	All	Non-fatal	Serious	All	Non-fatal	All
1983-1984	0	0	0	1	1	2	0	0
1985-1986	0	1	1	0	0	0	0	0
1990-1991	0	0	0	0	0	0	1	1
1993-1994	0	0	0	0	1	1	0	0
2010-2011	0	1	1	0	0	0	0	0
2019-2020	1	0	1	0	0	0	0	0
All	1	2	3	1	2	3	1	1

Table V: Ice Hockey college direct injuries

	Female		Male		
	Serious	All	Non-fatal	Serious	All
1986-1987	0	0	0	1	1
1988-1989	0	0	1	0	1
1990-1991	0	0	0	1	1
1991-1992	0	0	0	1	1
1995-1996	0	0	2	0	2
1996-1997	0	0	1	0	1
1999-2000	1	1	0	0	0
2002-2003	0	0	0	2	2
2003-2004	0	0	0	1	1
2004-2005	0	0	0	1	1
2010-2011	0	0	1	0	1
All	1	1	5	7	12

Table V: Lacrosse college direct injuries

	Female			Male		
	Non-fatal	All	Fatal	Non-fatal	Serious	All
1990-1991	1	1	0	0	0	0
1992-1993	0	0	0	0	1	1
1998-1999	0	0	1	0	0	1
2000-2001	0	0	1	0	1	2
2002-2003	1	1	0	0	0	0
2003-2004	0	0	1	1	0	2
2004-2005	0	0	1	0	0	1
2017-2018	0	0	0	0	1	1
All	2	2	4	1	3	8

Table V: Rowing college direct injuries

	Male	
	Fatal	All
2003-2004	1	1
All	1	1

Table V: Rugby college direct injuries

	Male		
	Non-fatal	Serious	All
1986-1987	1	0	1
1992-1993	0	1	1
2016-2017	2	0	2
All	3	1	4

Table V: Skiing college direct injuries

	Female			Male	
	Fatal	Non-fatal	All	Fatal	All
1985-1986	0	0	0	1	1
1989-1990	1	0	1	0	0
2005-2006	0	1	1	0	0
All	1	1	2	1	1

Table V: Soccer college direct injuries

	Female				Male		
	Non-fatal	Serious	Unknown	All	Non-fatal	Serious	All
1986-1987	0	0	0	0	0	1	1
1998-1999	1	0	0	1	0	0	0
2000-2001	0	0	0	0	0	1	1
2008-2009	1	0	0	1	0	0	0
2014-2015	0	0	0	0	1	0	1
2017-2018	0	2	0	2	0	0	0
2018-2019	0	0	1	1	0	0	0
All	2	2	1	5	1	2	3

Table V: Softball college direct injuries

	Female		
	Serious	Unknown	All
2005-2006	1	0	1
2012-2013	0	1	1
2014-2015	1	0	1
2016-2017	1	0	1
All	3	1	4

Table V: Swimming college direct injuries

	Male	
	Non-fatal	All
1982-1983	1	1
All	1	1

Table V: Track and Field college direct injuries

	Female			Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1984-1985	0	0	0	0	0	1	1
1986-1987	0	0	0	0	1	0	1
1988-1989	0	0	0	0	1	0	1
1990-1991	0	0	0	1	2	0	3
1992-1993	0	0	0	1	0	0	1
1994-1995	0	0	0	0	1	0	1
1997-1998	0	0	0	1	0	0	1
2000-2001	1	0	1	0	0	0	0
2001-2002	0	0	0	1	0	0	1
2006-2007	0	0	0	0	0	1	1
2007-2008	0	0	0	0	1	0	1
2008-2009	0	0	0	0	0	1	1
2009-2010	0	0	0	2	0	0	2
2013-2014	0	0	0	0	0	1	1
2015-2016	0	1	1	0	0	1	1
2018-2019	0	0	0	0	0	1	1
All	1	1	2	6	6	6	18

Table V: Wrestling college direct injuries

	Male		
	Non-fatal	Serious	All
1987-1988	1	0	1
2009-2010	1	0	1
2016-2017	0	1	1

	Male		
	Non-fatal	Serious	All
All	2	1	3

TABLE VI
COLLEGE SPORTS
DIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2019-2020

		Fatal		Non-fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	3	0.29	7	0.68	9	0.88
Basketball	Male	1	0.17	1	0.17	9	1.51
Cheerleading	Female	1	0	13	0	13	0
	Male	0	0	2	0	3	0
Equestrian	Female	1	3.50	0	0	0	0
Field Hockey	Female	0	0	0	0	2	0.97
Football	Male	17	0.75	52	2.31	151	6.71
Gymnastics	Female	1	1.76	2	3.51	0	0
	Male	0	0	1	5.18	2	10.37
Ice Hockey	Female	0	0	0	0	1	2.25
	Male	0	0	5	3.35	7	4.69
Lacrosse	Female	0	0	2	0.87	0	0
	Male	4	1.32	1	0.33	3	0.99
Rowing	Male	1	1.21	0	0	0	0
Rugby	Male	0	0	3	1829.27	1	609.76
Skiing	Female	1	5.36	1	5.36	0	0
	Male	1	4.44	0	0	0	0
Soccer	Female	0	0	2	0.31	2	0.31
	Male	0	0	1	0.14	2	0.28
Softball	Female	0	0	0	0	3	0.54
Swimming	Male	0	0	1	0.32	0	0
Track and Field	Female	0	0	1	0.07	1	0.07
	Male	6	0.38	6	0.38	6	0.38
Wrestling	Male	0	0	2	0.77	1	0.38

Note: Rates with number of incidents less than 5 should be interpreted with caution.

COLLEGE LEVEL EXERTIONAL/MEDICAL (INDIRECT) – TABLES VII TO VIII

Table VII: Baseball college indirect injuries

	Male			
	Fatal	Serious	Unknown	All
1987-1988	1	0	0	1
1990-1991	1	0	0	1
2010-2011	0	0	1	1
2011-2012	2	0	0	2
2012-2013	1	0	0	1
2015-2016	1	0	0	1
2017-2018	0	2	0	2
2018-2019	1	0	0	1
All	7	2	1	10

Table VII: Basketball college indirect injuries

	Female			Male		
	Fatal	Serious	All	Fatal	Serious	All
1982-1983	0	0	0	1	0	1
1983-1984	0	0	0	1	0	1
1987-1988	1	0	1	2	0	2
1988-1989	0	0	0	1	0	1
1989-1990	0	0	0	2	0	2
1991-1992	0	0	0	2	0	2
1993-1994	0	0	0	2	0	2
1994-1995	0	0	0	2	0	2
1997-1998	0	0	0	2	0	2
2000-2001	0	0	0	1	0	1
2001-2002	0	0	0	2	0	2
2002-2003	0	0	0	3	1	4
2003-2004	0	0	0	3	0	3
2004-2005	0	0	0	1	1	2
2005-2006	2	0	2	0	0	0
2006-2007	0	0	0	2	0	2
2007-2008	0	0	0	1	1	2
2008-2009	2	0	2	1	0	1
2009-2010	0	1	1	4	1	5
2010-2011	0	0	0	1	0	1
2011-2012	0	0	0	2	1	3
2012-2013	0	0	0	0	1	1
2013-2014	0	1	1	0	2	2
2014-2015	0	1	1	0	4	4
2016-2017	0	0	0	1	3	4
2017-2018	0	0	0	0	2	2
2018-2019	0	0	0	3	0	3

	Female			Male		
	Fatal	Serious	All	Fatal	Serious	All
2019-2020	0	0	0	0	1	1
All	5	3	8	40	18	58

Table VII: Cross Country college indirect injuries

	Female		Male		
	Fatal	All	Fatal	Serious	All
1986-1987	0	0	1	0	1
2012-2013	0	0	1	0	1
2013-2014	1	1	0	0	0
2016-2017	0	0	0	1	1
2018-2019	0	0	0	1	1
All	1	1	2	2	4

Table VII: Field hockey college indirect injuries

	Female	
	Serious	All
2019-2020	1	1
All	1	1

Table VII: Football college indirect injuries

	Male			
	Fatal	Serious	Unknown	All
1982-1983	4	0	0	4
1983-1984	2	0	0	2
1985-1986	1	0	0	1
1986-1987	2	0	0	2
1987-1988	2	0	0	2
1988-1989	1	0	0	1
1989-1990	1	0	1	2
1990-1991	3	0	0	3
1991-1992	2	0	0	2
1993-1994	3	0	0	3
1995-1996	1	0	0	1
1996-1997	1	0	0	1
1997-1998	1	0	0	1
2000-2001	3	0	0	3
2001-2002	4	0	0	4
2002-2003	1	0	0	1
2003-2004	3	0	0	3
2004-2005	1	0	0	1
2005-2006	2	0	0	2
2006-2007	3	0	0	3
2007-2008	2	0	0	2
2008-2009	1	1	0	2
2009-2010	4	0	0	4
2011-2012	4	0	0	4
2012-2013	3	0	0	3
2013-2014	1	4	0	5
2014-2015	3	0	0	3

	Male			
	Fatal	Serious	Unknown	All
2015-2016	1	0	0	1
2016-2017	2	5	0	7
2017-2018	3	7	0	10
2018-2019	5	3	0	8
2019-2020	1	1	0	2
All	71	21	1	93

Table VII: Gymnastics college indirect injuries

	Female	
	Fatal	All
2000-2001	1	1
All	1	1

Table VII: Ice Hockey college indirect injuries

	Male		
	Fatal	Serious	All
1983-1984	1	0	1
1991-1992	0	1	1
2010-2011	0	1	1
2016-2017	0	1	1
All	1	3	4

Table VII: Lacrosse college indirect injuries

	Female		Male	
	Serious	All	Fatal	All
1988-1989	0	0	1	1
2005-2006	0	0	1	1
2011-2012	6	6	0	0
All	6	6	2	2

Table VII: Rowing college indirect injuries

	Male	
	Fatal	All
2001-2002	1	1
2004-2005	1	1
All	2	2

Table VII: Skiing college indirect injuries

	Male	
	Fatal	All
2013-2014	1	1
All	1	1

Table VII: Soccer college indirect injuries

	Female			Male		
	Fatal	Serious	All	Fatal	Serious	All
1992-1993	1	0	1	0	0	0
1995-1996	0	0	0	1	0	1
1997-1998	1	0	1	0	1	1
2001-2002	0	0	0	1	0	1
2002-2003	1	0	1	0	0	0
2008-2009	0	0	0	0	1	1
2009-2010	0	0	0	1	0	1
2010-2011	0	0	0	1	0	1
2012-2013	0	0	0	1	0	1
2014-2015	0	0	0	1	0	1
2015-2016	0	1	1	0	0	0
2016-2017	0	0	0	0	1	1
All	3	1	4	6	3	9

Table VII: Swimming college indirect injuries

	Female			Male		
	Fatal	Serious	All	Fatal	Serious	All
1987-1988	0	0	0	1	0	1
1992-1993	0	0	0	1	0	1
1994-1995	0	0	0	1	0	1
1996-1997	0	0	0	1	0	1
2001-2002	0	0	0	1	0	1
2006-2007	1	0	1	0	0	0
2007-2008	1	0	1	1	0	1
2008-2009	0	1	1	0	0	0
2012-2013	0	0	0	1	0	1
2015-2016	0	0	0	1	0	1
2016-2017	1	0	1	0	0	0
2019-2020	0	0	0	0	1	1
All	3	1	4	8	1	9

Table VII: Tennis college indirect injuries

	Female		Male	
	Fatal	All	Fatal	All
1982-1983	0	0	1	1
1983-1984	1	1	0	0
All	1	1	1	1

Table VII: Track and Field college indirect injuries

	Female		Male		
	Serious	All	Fatal	Serious	All
1986-1987	0	0	1	0	1
2010-2011	0	0	1	0	1
2014-2015	1	1	0	1	1
2016-2017	0	0	0	2	2
2019-2020	0	0	0	1	1
All	1	1	2	4	6

Table VII: Volleyball college indirect injuries

	Female		
	Fatal	Serious	All
1997-1998	1	0	1
2008-2009	1	0	1
2013-2014	0	1	1
2015-2016	0	1	1
2016-2017	0	8	8
All	2	10	12

Table VII: Water Polo college indirect injuries

	Male	
	Fatal	All
1988-1989	1	1
2013-2014	1	1
All	2	2

Table VII: Wrestling college indirect injuries

	Male		
	Fatal	Serious	All
1997-1998	3	0	3
2008-2009	0	1	1
2010-2011	1	0	1
2013-2014	1	2	3
2016-2017	1	0	1
2017-2018	0	1	1
All	6	4	10

TABLE VIII
COLLEGE SPORTS
INDIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2019-2020

		Fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	7	0.68	2	0.20
Basketball	Female	5	0.95	3	0.57
	Male	40	6.73	18	3.03
Cross Country	Female	1	0.23	0	0
	Male	2	0.45	2	0.45
Field Hockey	Female	0	0	1	0.48
Football	Male	71	3.15	21	0.93
Gymnastics	Female	1	1.76	0	0
Ice Hockey	Male	1	0.67	3	2.01
Lacrosse	Male	0	0	6	2.61
	Female	2	0.66	0	0
Rowing	Male	2	2.42	0	0
Skiing	Male	1	4.44	0	0
Soccer	Female	3	0.47	1	0.16
	Male	6	0.84	3	0.42
Swimming	Female	3	0.78	1	0.26
	Male	8	2.53	1	0.32
Tennis	Female	1	0.32	0	0
	Male	1	0.34	0	0
Track and Field	Male	0	0	1	0.07
	Female	2	0.13	4	0.26
Volleyball	Female	2	0.40	10	2.00
Water Polo	Male	2	5.31	0	0
Wrestling	Male	6	2.31	4	1.54

Note: Rates with number of incidents less than 5 should be interpreted with caution.

SPORT PARTICIPATION – TABLE IX

TABLE IX. PARTICIPATION NUMBERS 1982-1983 to 2019-2020

	High School ¹		College ²	
	Female	Male	Female	Male
Baseball	37,341	17,109,664	-	1,022,092
Basketball	16,170,283	20,316,794	524,899	594,525
Cheerleading³	2,661,359	66,299	--	--
Cross Country	6,072,123	7,197,649	438,025	440,518
Equestrian⁴	25,528	4,140	28,580	1,088
Field Hockey	2,168,469	5,644	207,173	--
Football	39,241	38,201,535	--	2,251,827
Golf	2,071,785	5,450,708	120,961	293,766
Gymnastics	862,320	122,400	56,917	19,291
Ice Hockey	182,992	1,151,529	44,501	149,266
Lacrosse	1,593,114	2,113,601	229,582	303,308
Rowing	69,137	61,199	187,476	82,504
Skiing	310,618	371,507	18,651	22,529
Soccer	9,701,973	12,294,856	642,934	718,257
Softball	12,663,708	59,195	555,739	--
Swimming	4,918,690	3,926,850	383,562	315,828
Tennis	5,988,491	5,528,798	310,290	295,489
Track and Field⁵	17,292,836	21,204,692	1,376,298	1,561,777
Volleyball⁶	13,997,727	1,369,403	499,856	47,230
Water Polo	426,109	570,014	26,226	37,679
Wrestling	191,213	9,344,188	98	260,178

¹ Yearly participation estimates for high school athletes are obtained from NFHS participation reports (available online: <https://www.nfhs.org/ParticipationStatistics/ParticipationStatistics/>).

² Yearly participation estimates for collegiate level athletes are obtained from the National Collegiate Athletic Association (NCAA) participation reports (available online: https://ncaaorg.s3.amazonaws.com/research/sportpart/2019-20RES_SportsSponsorshipParticipationRatesReport.pdf).

³ Cheerleading is not a sponsored sport for NCAA collegiate athletes. High school cheerleading participation is estimated from NFHS competitive spirit participation. Many schools have cheerleading programs that are not sponsored by NFHS. Therefore, high school cheerleading participation is an underestimate.

⁴ Equestrian (male and female) and rowing (males) are non-championship NCAA collegiate sports.

⁵ Includes both indoor and outdoor track and field.

⁶ Includes sand volleyball.

Note: Not all high schools and colleges are members of the NFHS and NCAA. Complete data are not available for the non-member schools. Therefore, these participation numbers underestimate the total number of high school and collegiate participants in the United States.

Note: the NFHS did not collect participation data from member states in 2019/20 due to COVID-10. Therefore participation from 2018/19 was used to estimate participation for 2019/20. In addition, all high school and collegiate spring sport seasons were cancelled in March of 2020 due to COVID-19 stay at home orders.