



1982/83 – 2014/15 ALL SPORT REPORT – TABLE APPENDIX

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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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Table I: Baseball high school direct injuries

	Male			All
	Fatal	Non-fatal	Serious	
1982-1983	0	1	1	2
1983-1984	2	0	0	2
1985-1986	0	1	3	4
1987-1988	0	1	0	1
1988-1989	0	1	2	3
1989-1990	0	2	0	2
1990-1991	1	0	0	1
1992-1993	0	0	2	2
1994-1995	0	2	0	2
1996-1997	2	3	0	5
1997-1998	1	2	1	4
1998-1999	0	2	3	5
1999-2000	1	0	0	1
2000-2001	0	0	2	2
2001-2002	0	1	0	1
2002-2003	0	1	0	1
2003-2004	1	0	0	1
2004-2005	1	2	1	4
2006-2007	1	0	2	3
2007-2008	0	0	1	1
2008-2009	2	4	0	6
2009-2010	1	1	1	3
2010-2011	0	0	1	1
2011-2012	1	2	2	5
2014-2015	1	0	0	1
All	15	26	22	63

Table I: Basketball high school direct injuries

	Female			Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1984-1985	1	0	1	0	0	0	0
1987-1988	0	0	0	0	0	1	1
1988-1989	0	0	0	0	1	1	2
1992-1993	0	0	0	0	1	0	1
1993-1994	0	0	0	0	0	1	1
1996-1997	0	1	1	0	0	0	0
1997-1998	0	0	0	0	1	1	2
1998-1999	1	0	1	1	0	0	1
1999-2000	0	0	0	0	0	1	1
2001-2002	0	0	0	0	1	1	2
2002-2003	0	1	1	0	0	0	0
2003-2004	0	1	1	0	1	0	1
2005-2006	0	0	0	0	0	1	1
2006-2007	0	0	0	0	1	0	1
2008-2009	0	0	0	0	0	1	1
2010-2011	1	0	1	0	0	0	0
All	3	3	6	1	6	8	15

Table I: Cheerleading high school direct injuries

	Female				Male		
	Fatal	Non-fatal	Serious	All	Non-fatal	Serious	All
1984-1985	0	2	0	2	0	0	0
1986-1987	0	1	1	2	0	0	0
1987-1988	0	1	1	2	0	0	0
1988-1989	0	0	1	1	0	0	0
1989-1990	0	1	1	2	0	0	0
1990-1991	0	0	1	1	0	0	0
1992-1993	0	0	2	2	0	0	0
1993-1994	0	1	2	3	0	0	0
1994-1995	0	2	1	3	0	0	0
1995-1996	0	1	0	1	0	0	0
1996-1997	0	0	1	1	0	0	0
1998-1999	0	0	4	4	0	0	0
1999-2000	0	0	2	2	0	0	0
2000-2001	0	0	2	2	0	0	0
2001-2002	0	1	4	5	1	0	1
2002-2003	0	2	2	4	0	0	0
2003-2004	0	3	3	6	0	0	0
2004-2005	0	1	3	4	0	0	0
2005-2006	1	2	4	7	0	1	1
2006-2007	0	0	3	3	0	0	0
2007-2008	0	4	0	4	0	0	0
2008-2009	0	1	1	2	0	0	0
2009-2010	0	3	1	4	0	0	0
2010-2011	0	1	1	2	0	0	0
All	1	27	41	69	1	1	2

Table I: Cross Country high school direct injuries

	Male		
	Fatal	Non-fatal	All
1983-1984	0	1	1
2012-2013	1	0	1
All	1	1	2

Table I: Field Hockey high school direct injuries

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

Table I: Football high school direct injuries

	Male			All
	Fatal	Non-fatal	Serious	
1982-1983	7	7	10	24
1983-1984	4	11	8	23
1984-1985	5	9	9	23
1985-1986	3	13	11	27
1986-1987	11	6	10	27
1987-1988	4	20	22	46
1988-1989	7	10	12	29
1989-1990	4	22	14	40
1990-1991	0	11	8	19
1991-1992	3	4	12	19
1992-1993	2	11	10	23
1993-1994	3	12	10	25
1994-1995	0	5	10	15
1995-1996	3	13	7	23
1996-1997	5	11	8	24
1997-1998	6	17	8	31
1998-1999	5	9	16	30
1999-2000	3	12	8	23
2000-2001	3	12	8	23
2001-2002	7	11	10	28
2002-2003	3	9	10	22
2003-2004	2	19	12	33
2004-2005	4	12	4	20
2005-2006	2	11	5	18
2006-2007	1	19	9	29
2007-2008	1	14	20	35
2008-2009	8	24	25	57
2009-2010	1	15	17	33

	Male			All
	Fatal	Non-fatal	Serious	
2010-2011	2	11	15	28
2011-2012	3	18	13	34
2012-2013	1	5	4	10
2013-2014	8	8	11	27
2014-2015	5	7	6	18
All	126	398	362	886

Table I: Golf high school direct injuries

	Male	
	Non-fatal	All
2005-2006	1	1
All	1	1

Table I: Gymnastics high school direct injuries

	Female				Male			
	Unknown	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1982-1983	0	0	0	0	0	1	0	1
1983-1984	0	0	1	1	0	0	0	0
1984-1985	0	2	1	3	0	0	0	0
1986-1987	0	1	0	1	0	0	0	0
1987-1988	0	1	1	2	1	0	0	1
1992-1993	0	1	0	1	0	0	0	0
1994-1995	0	1	0	1	0	0	1	1
2000-2001	0	0	0	0	0	1	0	1
2014-2015	1	0	0	1	0	0	0	0
All	1	6	3	10	1	2	1	4

Table I: Ice Hockey high school direct injuries

	Female			Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1982-1983	0	0	0	0	0	1	1
1983-1984	0	0	0	0	1	0	1
1986-1987	0	0	0	0	2	0	2
1987-1988	0	0	0	0	0	1	1
1988-1989	0	0	0	1	0	0	1
1990-1991	0	0	0	0	1	0	1
1991-1992	0	0	0	0	0	1	1
1994-1995	0	0	0	1	1	1	3
1999-2000	0	1	1	0	1	0	1
2001-2002	0	1	1	0	0	0	0
2002-2003	0	0	0	0	0	1	1
2004-2005	0	0	0	0	1	0	1
2005-2006	0	0	0	0	1	0	1
2008-2009	0	0	0	0	2	0	2
2009-2010	0	0	0	0	2	1	3
2010-2011	0	0	0	2	1	0	3
2011-2012	1	0	1	0	1	0	1
2013-2014	0	0	0	0	1	0	1
2014-2015	0	0	0	0	0	1	1
All	1	2	3	4	15	7	26

Table I: Lacrosse high school direct injuries

	Female			Male			
	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1986-1987	0	0	0	1	0	0	1
1996-1997	0	0	0	0	1	0	1
1999-2000	0	0	0	1	1	0	2
2000-2001	0	0	0	0	1	0	1
2001-2002	0	0	0	0	1	0	1
2002-2003	0	0	0	0	1	0	1
2003-2004	0	1	1	0	0	0	0
2006-2007	0	0	0	0	0	1	1
2007-2008	0	0	0	0	1	3	4
2008-2009	0	0	0	0	0	1	1
2009-2010	0	1	1	0	0	0	0
2010-2011	0	0	0	0	2	0	2
2014-2015	1	0	1	0	1	0	1
All	1	2	3	2	9	5	16

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	All
1982-1983	0	0	0	0	0	0	1	1
1983-1984	0	0	0	0	1	0	0	1
1984-1985	0	0	0	0	0	0	1	1
1990-1991	0	0	0	0	1	0	0	1
1991-1992	0	0	0	0	0	0	1	1
1992-1993	0	0	0	0	2	0	0	2
1994-1995	0	0	0	0	0	1	0	1
1995-1996	0	0	0	0	0	1	0	1
1996-1997	0	0	0	0	0	0	1	1
1998-1999	0	0	0	0	1	0	0	1
1999-2000	0	0	0	0	0	1	0	1
2000-2001	1	0	0	1	0	0	0	0
2003-2004	0	1	0	1	0	0	0	0
2005-2006	0	0	0	0	1	0	0	1
2006-2007	0	0	0	0	0	0	1	1
2007-2008	0	0	1	1	0	0	0	0
2008-2009	0	0	0	0	0	0	1	1
2009-2010	0	0	1	1	0	0	0	0
2010-2011	0	0	0	0	1	0	0	1
2011-2012	0	0	2	2	0	0	0	0
2014-2015	0	0	1	1	0	0	0	0
All	1	1	5	7	7	3	6	16

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
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
All	5	1	6	1	5	3	9

Table I: Track and Field high school direct injuries

	Female				Male			
	Fatal	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1982-1983	0	0	0	0	3	0	0	3
1983-1984	0	0	0	0	0	1	0	1
1984-1985	0	0	0	0	1	0	0	1
1985-1986	0	0	0	0	0	1	0	1
1986-1987	0	0	0	0	1	1	0	2
1987-1988	0	0	0	0	0	0	1	1
1989-1990	0	0	0	0	1	1	1	3
1990-1991	0	0	0	0	2	1	1	4
1991-1992	1	0	0	1	0	2	0	2
1992-1993	0	0	0	0	0	1	2	3
1993-1994	0	0	0	0	2	2	0	4
1994-1995	0	0	0	0	1	0	0	1
1996-1997	0	0	1	1	3	1	1	5
1997-1998	0	0	1	1	1	0	1	2
1998-1999	0	0	1	1	0	0	1	1
1999-2000	0	0	0	0	2	0	0	2
2000-2001	0	0	0	0	0	1	0	1
2001-2002	0	1	1	2	2	4	1	7
2003-2004	0	0	0	0	0	1	0	1
2004-2005	0	0	0	0	0	1	1	2
2005-2006	0	0	0	0	0	1	1	2
2006-2007	0	0	1	1	0	0	0	0
2007-2008	0	0	0	0	1	1	0	2
2008-2009	0	1	1	2	0	0	0	0
2012-2013	0	0	0	0	1	0	0	1
All	1	2	6	9	21	20	11	52

Table I: Wrestling high school direct injuries

	Male			All
	Fatal	Non-fatal	Serious	
1982-1983	0	1	0	1
1983-1984	1	1	2	4
1984-1985	0	1	1	2
1985-1986	0	0	2	2
1986-1987	0	4	0	4
1987-1988	0	1	1	2
1988-1989	0	3	2	5
1990-1991	0	2	0	2
1991-1992	0	3	1	4
1993-1994	0	2	1	3
1994-1995	0	1	0	1
1995-1996	0	1	0	1
1996-1997	0	1	1	2
1997-1998	0	3	0	3
1998-1999	0	1	2	3
1999-2000	0	2	1	3
2000-2001	0	1	0	1
2001-2002	0	2	2	4
2002-2003	0	2	0	2
2003-2004	0	2	1	3
2005-2006	1	0	0	1
2006-2007	0	3	1	4
2007-2008	0	0	1	1
2008-2009	0	0	1	1
2010-2011	0	2	0	2
2011-2012	0	1	0	1
2013-2014	0	0	1	1
All	2	40	21	63

TABLE II
HIGH SCHOOL SPORTS
DIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2014-2015

		Fatal		Non-fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	15	0.10	26	0.18	22	0.15
Basketball	Female	0	0	3	0.02	3	0.02
	Male	1	0.01	6	0.03	8	0.05
Cheerleading	Female	1	0.05	27	1.42	41	2.15
	Male	0	0	1	2.05	1	2.05
Cross Country	Male	1	0.02	1	0.02	0	0
Field Hockey	Female	0	0	3	0.16	0	0
Football	Male	126	0.38	398	1.21	362	1.10
Golf	Male	0	0	1	0.02	0	0
Gymnastics	Female	0	0	6	0.78	3	0.39
	Male	1	0.88	2	1.76	1	0.88
Ice Hockey	Female	0	0	1	0.74	2	1.48
	Male	4	0.41	15	1.54	7	0.72
Lacrosse	Female	0	0	1	0.09	2	0.18
	Male	2	0.13	9	0.58	5	0.32
Skiing	Female	1	0.37	0	0	0	0
Soccer	Female	1	0.01	1	0.01	5	0.06
	Male	7	0.07	3	0.03	6	0.06
Softball	Female	0	0	1	0.01	6	0.06
Swimming	Female	0	0	5	0.12	1	0.02
	Male	1	0.03	5	0.15	3	0.09
Track and Field	Female	1	0.01	2	0.01	6	0.04
	Male	21	0.12	20	0.11	11	0.06
Wrestling	Male	2	0.02	40	0.49	21	0.26

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

Table III: Baseball high school indirect injuries

	Male			All
	Unknown	Fatal	Serious	
1984-1985	0	2	0	2
1989-1990	0	1	0	1
1990-1991	0	1	0	1
1994-1995	0	2	0	2
1996-1997	0	1	0	1
1999-2000	0	2	0	2
2002-2003	0	1	0	1
2004-2005	0	3	0	3
2008-2009	0	1	0	1
2009-2010	0	1	1	2
2011-2012	0	1	0	1
2012-2013	0	1	0	1
2013-2014	0	1	1	2
2014-2015	1	0	1	2
All	1	18	3	22

Table III: Basketball high school indirect injuries

	Female			Male			
	Fatal	Serious	All	Fatal	Non-fatal	Serious	All
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	1	3
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	1	0	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
2008-2009	0	0	0	4	0	0	4
2009-2010	0	0	0	4	0	3	7

	Female			Male			
	Fatal	Serious	All	Fatal	Non-fatal	Serious	All
2010-2011	1	0	1	1	0	0	1
2011-2012	0	0	0	3	0	0	3
2012-2013	0	0	0	2	0	0	2
2013-2014	0	1	1	3	0	4	7
2014-2015	1	0	1	3	0	5	8
All	16	1	17	117	1	13	131

Table III: Cheerleading high school indirect injuries

	Female			
	Fatal	Non-fatal	Serious	All
1991-1992	1	0	0	1
1996-1997	1	0	0	1
2000-2001	1	0	0	1
2003-2004	1	0	0	1
2005-2006	1	0	0	1
2007-2008	0	1	0	1
2009-2010	1	0	0	1
2011-2012	1	0	0	1
2013-2014	1	0	0	1
2014-2015	0	0	1	1
All	8	1	1	10

Table III: Cross Country high school indirect injuries

	Female				Male				Unknown	
	Fatal	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All	Serious	All
1982-1983	0	0	0	0	2	0	0	2	0	0
1983-1984	0	0	0	0	1	0	0	1	0	0
1987-1988	0	0	0	0	1	0	0	1	0	0
1990-1991	0	0	0	0	1	0	0	1	0	0
1992-1993	1	0	0	1	1	0	0	1	0	0
1993-1994	0	0	0	0	1	0	0	1	0	0
1994-1995	0	0	0	0	1	0	0	1	0	0
1995-1996	0	0	0	0	1	0	0	1	0	0
1997-1998	0	0	0	0	1	0	0	1	0	0
1998-1999	0	0	0	0	1	0	0	1	0	0
1999-2000	0	0	0	0	1	0	0	1	0	0
2001-2002	1	0	0	1	1	0	0	1	0	0
2002-2003	2	0	0	2	0	0	0	0	0	0
2003-2004	0	0	0	0	1	0	0	1	0	0
2004-2005	2	0	0	2	1	0	0	1	0	0
2006-2007	0	0	0	0	1	0	0	1	0	0
2007-2008	2	0	0	2	0	0	1	1	0	0
2009-2010	0	0	0	0	2	0	0	2	0	0
2010-2011	0	0	0	0	1	1	0	2	0	0
2011-2012	0	0	0	0	1	0	0	1	0	0
2012-2013	0	1	0	1	0	0	0	0	0	0
2013-2014	1	0	3	4	0	0	0	0	1	1
All	9	1	3	13	20	1	1	22	1	1

Table III: Drill Team high school indirect injuries

	Female	
	Fatal	All
2004-2005	1	1
All	1	1

Table III: Field Hockey high school indirect injuries

	Female	
	Fatal	All
2007-2008	1	1
All	1	1

Table III: Football high school indirect injuries

	Male			All
	Fatal	Non-fatal	Serious	
1982-1983	6	0	0	6
1983-1984	6	0	0	6
1984-1985	3	0	0	3
1985-1986	1	0	0	1
1986-1987	6	0	1	7
1987-1988	4	0	0	4
1988-1989	10	0	0	10
1989-1990	9	0	0	9
1990-1991	4	0	0	4
1991-1992	2	0	0	2
1992-1993	9	0	0	9
1993-1994	6	0	0	6
1994-1995	2	0	0	2
1995-1996	8	0	0	8
1996-1997	8	0	0	8
1997-1998	7	0	0	7
1998-1999	6	0	0	6
1999-2000	13	0	0	13
2000-2001	12	0	0	12
2001-2002	8	0	0	8
2002-2003	6	0	0	6
2003-2004	4	0	0	4
2004-2005	9	0	0	9
2005-2006	4	0	0	4
2006-2007	9	0	0	9
2007-2008	8	0	0	8
2008-2009	6	0	0	6
2009-2010	12	0	0	12

	Male			
	Fatal	Non-fatal	Serious	All
2010-2011	9	0	2	11
2011-2012	10	0	0	10
2012-2013	7	1	1	9
2013-2014	5	0	1	6
2014-2015	9	1	9	19
All	228	2	14	244

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
All	4	1	5

Table III: Lacrosse high school indirect injuries

	Male	
	Fatal	All
1982-1983	1	1
1995-1996	1	1
1999-2000	1	1
2004-2005	1	1
2006-2007	3	3
2011-2012	1	1
All	8	8

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	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
1985-1986	0	0	0	0	1	0	0	1
1986-1987	1	0	0	1	1	0	0	1
1989-1990	0	0	0	0	1	0	0	1
1990-1991	0	0	0	0	2	0	0	2
1991-1992	0	0	0	0	1	0	0	1
1992-1993	0	0	0	0	1	0	0	1
1993-1994	0	0	0	0	3	0	0	3
1994-1995	0	0	0	0	1	0	0	1
1996-1997	0	0	0	0	1	0	0	1
1997-1998	1	0	0	1	0	0	0	0
1998-1999	1	0	0	1	1	0	0	1
1999-2000	1	0	0	1	0	0	0	0
2000-2001	1	0	0	1	1	0	0	1
2001-2002	1	0	0	1	2	0	0	2
2003-2004	0	0	0	0	1	0	0	1
2004-2005	0	0	0	0	3	0	0	3
2005-2006	0	0	0	0	2	0	0	2
2007-2008	0	0	0	0	2	0	0	2
2008-2009	1	1	0	2	1	0	0	1
2009-2010	0	0	0	0	0	1	0	1
2011-2012	0	0	0	0	1	0	0	1

	Female				Male			
	Fatal	Non-fatal	Serious	All	Fatal	Non-fatal	Serious	All
2013-2014	0	0	0	0	0	1	1	2
2014-2015	0	0	1	1	0	0	0	0
All	7	1	1	9	26	2	1	29

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	Non-fatal	All	Fatal	All
1986-1987	1	0	1	0	0
1987-1988	1	0	1	0	0
1988-1989	1	0	1	0	0
1995-1996	1	1	2	0	0
2000-2001	1	0	1	0	0
2002-2003	1	0	1	1	1
2005-2006	1	0	1	0	0
2010-2011	0	0	0	1	1
2012-2013	0	0	0	1	1
All	7	1	8	3	3

Table III: Tennis high school indirect injuries

	Male	
	Fatal	All
1987-1988	1	1
1999-2000	1	1
2000-2001	1	1
2008-2009	1	1
All	4	4

Table III: Track and Field high school indirect injuries

	Female			Male	
	Fatal	Non-fatal	All	Fatal	All
1982-1983	0	0	0	3	3
1984-1985	0	0	0	2	2
1985-1986	0	0	0	1	1
1987-1988	0	0	0	1	1
1989-1990	1	0	1	3	3
1990-1991	1	0	1	1	1
1992-1993	1	0	1	2	2
1996-1997	0	0	0	1	1
1998-1999	1	0	1	0	0
1999-2000	0	0	0	2	2
2000-2001	0	0	0	3	3
2001-2002	0	0	0	1	1
2002-2003	0	0	0	1	1
2004-2005	1	0	1	1	1
2006-2007	0	1	1	3	3
2007-2008	0	0	0	2	2
2008-2009	0	0	0	1	1
2009-2010	0	0	0	2	2
2010-2011	1	0	1	1	1
2013-2014	0	0	0	1	1
2014-2015	0	0	0	3	3
All	6	1	7	35	35

Table III: Volleyball high school indirect injuries

	Female		
	Fatal	Non-fatal	All
1993-1994	1	0	1
2005-2006	0	1	1
All	1	1	2

Table III: Water Polo high school indirect injuries

	Female		Male	
	Fatal	All	Fatal	All
1992-1993	0	0	1	1
1995-1996	0	0	1	1
1996-1997	0	0	1	1
1999-2000	1	1	0	0
All	1	1	3	3

Table III: Wrestling high school indirect injuries

	Male			All
	Fatal	Non-fatal	Serious	
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	1	0	3
2005-2006	1	0	1	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	1	0	0	1
2013-2014	0	0	2	2
2014-2015	0	0	1	1
All	27	1	4	32

TABLE IV
HIGH SCHOOL SPORTS
INDIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2014-2015

		Fatal		Non-fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	18	0.12	0	0	3	0.02
Basketball	Female	16	0.11	0	0	1	0.01
	Male	117	0.67	1	0.01	13	0.07
Cheerleading	Female	8	0.42	1	0.05	1	0.05
Cross Country	Female	9	0.18	1	0.02	3	0.06
	Male	20	0.34	1	0.02	1	0.02
Field Hockey	Female	1	0.05	0	0	0	0
Football	Male	228	0.69	2	0.01	14	0.04
Ice Hockey	Male	4	0.41	0	0	1	0.10
Lacrosse	Male	8	0.52	0	0	0	0
Rowing	Male	0	0	0	0	1	2.08
Soccer	Female	7	0.09	1	0.01	1	0.01
	Male	26	0.26	2	0.02	1	0.01
Softball	Female	1	0.01	0	0	0	0
Swimming	Female	7	0.17	1	0.02	0	0
	Male	3	0.09	0	0	0	0
Tennis	Male	4	0.08	0	0	0	0
Track and Field	Female	6	0.04	1	0.01	0	0
	Male	35	0.20	0	0	0	0
Volleyball	Female	1	0.01	1	0.01	0	0
Water Polo	Female	1	0.31	0	0	0	0
	Male	3	0.65	0	0	0	0
Wrestling	Male	27	0.33	1	0.01	4	0.05

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

Table V: Baseball college direct injuries

	Male			All
	Fatal	Non-fatal	Serious	
1985-1986	1	0	0	1
1988-1989	0	1	0	1
1989-1990	0	0	1	1
1991-1992	1	0	0	1
1996-1997	0	1	0	1
1998-1999	0	1	0	1
1999-2000	0	1	0	1
2000-2001	1	1	1	3
2003-2004	0	1	1	2
2004-2005	0	1	0	1
2009-2010	0	0	3	3
2010-2011	0	2	0	2
2014-2015	0	0	1	1
All	3	9	7	19

Table V: Basketball college direct injuries

	Male			All
	Fatal	Non-fatal	Serious	
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
All	1	1	8	10

Table V: Cheerleading college direct injuries

	Female				Male		
	Fatal	Non-fatal	Serious	All	Non-fatal	Serious	All
1983-1984	0	1	0	1	1	0	1
1984-1985	0	2	0	2	0	0	0
1986-1987	1	0	0	1	0	0	0
1987-1988	0	0	0	0	0	1	1
1989-1990	0	0	0	0	0	1	1
1991-1992	0	0	2	2	0	0	0
1993-1994	0	0	1	1	0	0	0
1994-1995	0	0	1	1	0	1	1
1996-1997	0	2	0	2	0	0	0
1999-2000	0	1	0	1	0	0	0
2000-2001	0	1	0	1	0	0	0
2001-2002	0	2	1	3	0	0	0
2002-2003	0	1	0	1	0	0	0
2003-2004	0	2	0	2	0	0	0
2005-2006	0	0	2	2	0	0	0
2006-2007	0	0	1	1	0	0	0
2007-2008	0	1	1	2	1	0	1
2008-2009	0	1	2	3	0	0	0
2009-2010	0	0	1	1	0	0	0
2011-2012	0	0	1	1	0	0	0
All	1	14	13	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		
	Non-fatal	Serious	All
1988-1989	0	1	1
1999-2000	0	1	1
2005-2006	1	0	1
All	1	2	3

Table V: Football college direct injuries

	Male			All
	Fatal	Non-fatal	Serious	
1982-1983	0	2	1	3
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	4	6
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	2	5
2001-2002	0	1	3	4
2002-2003	1	2	2	5
2003-2004	0	2	3	5
2004-2005	0	1	1	2
2005-2006	0	2	1	3
2006-2007	0	1	6	7
2007-2008	0	0	8	8
2008-2009	0	0	9	9
2009-2010	2	1	6	9

	Male			
	Fatal	Non-fatal	Serious	All
2010-2011	0	3	2	5
2011-2012	1	0	7	8
2012-2013	0	3	2	5
2013-2014	1	0	1	2
2014-2015	0	0	3	3
All	13	44	132	189

Table V: Gymnastics college direct injuries

	Female		Male			Unknown	
	Non-fatal	All	Non-fatal	Serious	All	Non-fatal	All
1983-1984	0	0	1	1	2	0	0
1985-1986	1	1	0	0	0	0	0
1990-1991	0	0	0	0	0	1	1
1993-1994	0	0	0	1	1	0	0
2010-2011	1	1	0	0	0	0	0
All	2	2	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
1991-1992	0	0	0	1	1
1992-1993	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	0	1
2002-2003	1	1	0	0	0	0
2003-2004	0	0	1	1	0	2
2004-2005	0	0	1	0	0	1
All	2	2	4	1	1	6

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
All	1	1	2

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	All	Non-fatal	Serious	All
1986-1987	0	0	0	1	1
1998-1999	1	1	0	0	0
2000-2001	0	0	0	1	1
2008-2009	1	1	0	0	0
2014-2015	0	0	1	0	1
All	2	2	1	2	3

Table V: Softball college direct injuries

	Female	
	Serious	All
2005-2006	1	1
2014-2015	1	1
All	2	2

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	All	Fatal	Non-fatal	Serious	All
1984-1985	0	0	0	0	1	1
1986-1987	0	0	0	1	0	1
1988-1989	0	0	0	1	0	1
1990-1991	0	0	1	2	0	3
1992-1993	0	0	1	0	0	1
1994-1995	0	0	0	1	0	1
1997-1998	0	0	1	0	0	1
2000-2001	1	1	0	0	0	0
2001-2002	0	0	1	0	0	1
2007-2008	0	0	0	1	0	1
2009-2010	0	0	2	0	0	2
All	1	1	6	6	1	13

Table V: Wrestling college direct injuries

	Male	
	Non-fatal	All
1987-1988	1	1
2009-2010	1	1
All	2	2

TABLE VI
COLLEGE SPORTS
DIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2014-2015

		Fatal		Non-fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	3	0.35	9	1.06	7	0.83
Basketball	Male	1	0.20	1	0.20	8	1.60
Equestrian	Female	1	4.60	0	0	0	0
Field Hockey	Female	0	0	1	0.57	2	1.13
Football	Male	13	0.69	44	2.34	132	7.01
Gymnastics	Female	0	0	2	4.06	0	0
	Male	0	0	1	5.67	2	11.34
Ice Hockey	Female	0	0	0	0	1	3.09
	Male	0	0	5	3.9	7	5.46
Lacrosse	Female	0	0	2	1.18	0	0
	Male	4	1.72	1	0.43	1	0.43
Rowing	Male	1	1.41	0	0	0	0
Skiing	Female	1	6.01	1	6.01	0	0
	Male	1	4.91	0	0	0	0
Soccer	Female	0	0	2	0.40	0	0
	Male	0	0	1	0.17	2	0.34
Softball	Female	0	0	0	0	2	0.44
Swimming	Male	0	0	1	0.37	0	0
Track and Field	Female	0	0	1	0.09	0	0
	Male	6	0.47	6	0.47	1	0.08
Wrestling	Male	0	0	2	0.89	0	0

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

Table VII: Baseball college indirect injuries

	Male		
	Fatal	Non-fatal	All
1987-1988	1	0	1
1990-1991	1	0	1
2010-2011	0	1	1
2011-2012	1	0	1
2012-2013	1	0	1
All	4	1	5

Table VII: Basketball college indirect injuries

	Female			Male			
	Fatal	Serious	All	Fatal	Non-fatal	Serious	All
1982-1983	0	0	0	1	0	0	1
1983-1984	0	0	0	1	0	0	1
1987-1988	1	0	1	2	0	0	2
1988-1989	0	0	0	1	0	0	1
1989-1990	0	0	0	1	0	0	1
1991-1992	0	0	0	2	0	0	2
1993-1994	0	0	0	2	0	0	2
1994-1995	0	0	0	2	0	0	2
1997-1998	0	0	0	2	0	0	2
2000-2001	0	0	0	1	0	0	1
2001-2002	0	0	0	2	0	0	2
2002-2003	0	0	0	3	1	0	4
2003-2004	0	0	0	3	0	0	3
2004-2005	0	0	0	1	1	0	2
2005-2006	2	0	2	0	0	0	0
2006-2007	0	0	0	2	0	0	2
2007-2008	0	0	0	1	1	0	2
2008-2009	2	0	2	1	0	0	1
2009-2010	0	1	1	4	0	1	5
2010-2011	0	0	0	1	0	0	1
2011-2012	0	0	0	2	0	1	3
2012-2013	0	0	0	0	0	1	1
2013-2014	0	1	1	0	0	2	2
2014-2015	0	1	1	0	0	4	4
All	5	3	8	35	3	9	47

Table VII: Cross Country college indirect injuries

	Female		Male	
	Fatal	All	Fatal	All
1986-1987	0	0	1	1
2012-2013	0	0	1	1
2013-2014	1	1	0	0
All	1	1	2	2

Table VII: Football college indirect injuries

	Male		
	Fatal	Serious	All
1982-1983	4	0	4
1983-1984	2	0	2
1985-1986	1	0	1
1986-1987	2	0	2
1987-1988	2	0	2
1988-1989	1	0	1
1989-1990	1	0	1
1990-1991	3	0	3
1991-1992	2	0	2
1993-1994	3	0	3
1995-1996	1	0	1
1996-1997	1	0	1
1997-1998	1	0	1
2000-2001	3	0	3
2001-2002	4	0	4
2002-2003	1	0	1
2003-2004	3	0	3
2004-2005	1	0	1
2005-2006	2	0	2
2006-2007	3	0	3
2007-2008	2	0	2
2008-2009	1	0	1
2009-2010	4	0	4
2011-2012	3	0	3
2012-2013	2	0	2
2013-2014	1	3	4
2014-2015	3	0	3
All	57	3	60

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	Non-fatal	Serious	All
1983-1984	1	0	0	1
1991-1992	0	1	0	1
2010-2011	0	0	1	1
All	1	1	1	3

Table VII: Lacrosse college indirect injuries

	Male	
	Fatal	All
1988-1989	1	1
2005-2006	1	1
All	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	All	Fatal	Non-fatal	All
1992-1993	1	1	0	0	0
1995-1996	0	0	1	0	1
1997-1998	1	1	0	1	1
2001-2002	0	0	1	0	1
2002-2003	1	1	0	0	0
2008-2009	0	0	0	1	1
2009-2010	0	0	1	0	1
2010-2011	0	0	1	0	1
2012-2013	0	0	1	0	1
2014-2015	0	0	1	0	1
All	3	3	6	2	8

Table VII: Swimming college indirect injuries

	Female			Male	
	Fatal	Serious	All	Fatal	All
1987-1988	0	0	0	1	1
1992-1993	0	0	0	1	1
1994-1995	0	0	0	1	1
1996-1997	0	0	0	1	1
2001-2002	0	0	0	1	1
2006-2007	1	0	1	0	0
2007-2008	1	0	1	1	1
2008-2009	0	1	1	0	0
2012-2013	0	0	0	1	1
All	2	1	3	7	7

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

	Male	
	Fatal	All
1986-1987	1	1
2010-2011	1	1
All	2	2

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
2014-2015	0	1	1
All	2	2	4

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
2010-2011	1	0	1
2013-2014	1	2	3
All	5	2	7

TABLE VIII
COLLEGE SPORTS
INDIRECT INJURIES PER 100,000 PARTICIPANTS
1982-1983 – 2014-2015

		Fatal		Non-fatal		Serious	
		N	Rate per 100,000	N	Rate per 100,000	N	Rate per 100,000
Baseball	Male	4	0.47	1	0.12	0	0
Basketball	Female	5	1.13	0	0	3	0.68
	Male	35	6.99	3	0.60	9	1.80
Cross Country	Female	1	0.28	0	0	0	0
	Male	2	0.54	0	0	0	0
Football	Male	57	3.03	0	0	3	0.16
Gymnastics	Female	1	2.03	0	0	0	0
Ice Hockey	Male	1	0.78	1	0.78	1	0.78
Lacrosse	Male	2	0.86	0	0	0	0
Rowing	Male	2	2.82	0	0	0	0
Skiing	Male	1	4.91	0	0	0	0
Soccer	Female	3	0.60	0	0	0	0
	Male	6	1.01	2	0.34	0	0
Swimming	Female	2	0.63	0	0	1	0.31
	Male	7	2.62	0	0	0	0
Tennis	Female	1	0.37	0	0	0	0
	Male	1	0.39	0	0	0	0
Track and Field	Male	2	0.16	0	0	0	0
Volleyball	Female	2	0.49	0	0	2	0.49
Water Polo	Male	2	6.16	0	0	0	0
Wrestling	Male	5	2.23	0	0	2	0.89

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

TABLE IX
PARTICIPATION NUMBERS
1982-1983 to 2014-2015

	High School ¹		College ²	
	Female	Male	Female	Male
Baseball	30,576	14,676,482	-	845,076
Basketball	14,099,994	17,587,150	442,142	500,681
Cheerleading	1,906,200	48,745	-	-
Cross Country	4,961,360	5,865,002	359,221	368,880
Equestrian	19,116	3,357	21,719	1,023
Field Hockey	1,866,623	4,487	176,734	-
Football	27,815	32,949,535	-	1,884,123
Golf	1,682,995	4,732,141	94,049	250,984
Gymnastics	770,508	113,728	49,261	17,644
Ice Hockey	134,970	975,538	32,395	128,090
Lacrosse	1,115,187	1,551,520	169,490	232,447
Rowing	56,604	47,965	150,697	70,906
Skiing	273,581	331,414	16,633	20,385
Soccer	7,753,413	10,029,784	503,507	592,398
Softball	10,803,113	50,316	454,906	-
Swimming	4,059,376	3,242,805	319,714	267,387
Tennis	5,047,532	4,736,647	266,821	256,032
Track and Field	14,491,567	17,803,850	1,088,206	1,288,854
Volleyball	11,764,440	1,068,675	411,007	36,451
Water Polo	320,529	459,420	20,281	32,461
Wrestling	104,320	8,108,285	-	224,089

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

² Yearly participation estimates for collegiate level athletes are obtained from the National Collegiate Athletic Association (NCAA) participation reports (accessed online: <http://www.ncaa.org/about/resources/research/sports-sponsorship-and-participation-research>).

Note: Not all high schools and colleges are members of the NFHS and NCAA. Complete data is 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.