

August 2021

Ranking at the time of this update:

Rank	State	Score (%)	Rank	State	Score (%)
1	Florida	86.04	26	Vermont	50.60
2	New Jersey	85.00	28	Alabama	49.70
3	Georgia	81.67	29	Indiana	48.00
4	Kentucky	71.75	30	Ohio	47.93
5	Louisiana	71.00	31	Alaska	47.40
5	District of Columbia	71.00	32	Nevada	47.00
7	Massachusetts	69.40	33	Nebraska	46.50
8	North Carolina	70.75	34	Idaho	46.00
9	Tennessee	67.35	35	South Carolina	45.80
10	Washington	63.13	36	Pennsylvania	45.00
11	Illinois	63.00	37	Connecticut	44.80
12	Arizona	62.20	38	Rhode Island	44.73
13	Missouri	62.00	39	West Virginia	44.40
14	Hawaii	61.33	40	New Hampshire	42.80
15	Arkansas	61.20	41	Michigan	42.73
16	Delaware	59.35	42	Maryland	42.63
17	Oregon	58.60	43	North Dakota	42.00
18	Wisconsin	58.13	44	Iowa	41.00
19	New Mexico	58.08	44	Wyoming	41.00
20	South Dakota	57.95	46	Colorado	40.80
21	Texas	57.60	47	Oklahoma	38.90
22	Virginia	57.40	48	Montana	38.25
23	Utah	54.00	49	Maine	37.60
24	Mississippi	52.00	50	Minnesota	37.55
25	New York	51.38	51	California	30.80
26	Kansas	50.60			

State	Old Rank	New Rank	Old Score	New Score	Change Score	Areas Changed
Alabama	27	28	51.70	49.70	-2.00	<p><i>Heat</i></p> <ul style="list-style-type: none"> • On days 1-5, 1-hour maximum walk-through is permitted, however there must be a 3 hour minimum between practice and walk-through (points deducted during this audit) • Day 6–14, double-practice days must be followed by a single-practice day. On single-practice days, 1 walk-through is permitted, separated from the practice by at least 3 hours of continuous rest (points deducted during this audit)
Arizona	21	12	55.60	62.20	+6.60	<p><i>Heat</i></p> <ul style="list-style-type: none"> • CWI tubs for onsite cooling for all warm weather practices • If EHS is suspected, onsite CWI before transport to hospital <p><i>Emergency Preparedness</i></p> <ul style="list-style-type: none"> • AEAP should be developed and coordinated with local EMS, school public safety officials, on site medical personnel or school medical staff, and school administrators • The AEAP should be specific to each venue • On-site emergency equipment that may be needed in an emergency situation should be listed • The AEAP should identify personnel and their responsibilities to carry out the plan of action with a designated chain of command • Appropriate contact information for EMS • post emergency documentation • AEAP should be reviewed and rehearsed annually by all parties involved <p><i>Appropriate Health Care</i></p>

						<ul style="list-style-type: none"> • Appropriate healthcare profession recommended to be onsite at all collision/contact practices and competitions (points deducted during this audit)
District of Columbia	8	6	70.75	71.00	+0.25	<p><i>Heat</i></p> <ul style="list-style-type: none"> • On a double-practice day, neither practice day should exceed 3 hours in duration, and no more than 5 total hours of practice in the day. (points deducted during this audit) • The recommended heat policy is based off of WBGT • The environmental conditions guidelines are based off of epidemiological data specific to that state/region (for bigger states a more comprehensive analysis may be needed)
Florida	1	1	87.67	86.04	-1.63	<p><i>Heat</i></p> <ul style="list-style-type: none"> • On days 1-5, 1-hour maximum walk-through is permitted, however there must be a 3 hour minimum between practice and walk-through (points deducted during this audit) • Policy mentions the use of a shaded area for rest breaks (points deducted during this audit)
Georgia	9	3	70.20	81.67	+11.47	<p><i>Heat</i></p> <ul style="list-style-type: none"> • On days 1-5, 1-hour maximum walk-through is permitted, however there must be a 3 hour minimum between practice and walk-through • On a double-practice day, the 2 practices should be separated by at least 3 continuous hours in a cool environment. <p><i>Traumatic Brain Injury</i></p> <ul style="list-style-type: none"> • Athletes are not permitted to return to play until they fully return to school <p><i>Cardiac</i></p> <ul style="list-style-type: none"> • AED should be stored in a safe place • Institutions sponsoring athletic events/activities should have a AED on site or access to one at each athletic venue for practices, games, or other athletic events

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						<ul style="list-style-type: none"> • Location of AED should be well marked, publicized, accessible and known among trained staff <p><i>Emergency Preparedness</i></p> <ul style="list-style-type: none"> • Plan should specify documentation actions that need to be taken post emergency • Exercise and conditioning activities are not permitted to be used as punishment
Hawaii	5	14	75.33	61.33	-14.00	<p><i>Cardiac</i></p> <ul style="list-style-type: none"> • AED should be stored in a safe place(points deducted during this audit) • All athletic trainers, coaches, administrators, school nurses, and physical education teachers should have access to an AED on school property(points deducted during this audit) • Institutions sponsoring athletic events/activities should have a AED on site or access to one at each athletic venue for practices, games, or other athletic events(points deducted during this audit) • Individuals [all personnel involved with sponsored athletic events/activities] should be provided annual training and certification in cardiopulmonary resuscitation (CPR) and AED use(points deducted during this audit) • AEDs should be inspected frequently to ensure proper working order. This includes making sure the batteries are charged, and wires and electrodes are in good condition (points deducted during this audit) <p><i>Emergency Preparedness</i></p> <ul style="list-style-type: none"> • CPR/AED and First aid training are required for all coaches (points deducted during this audit)
Indiana	26	29	52.00	48.00	-4.00	<p><i>Heat</i></p> <ul style="list-style-type: none"> • In days 1-5, total practice time should not exceed 3 hours in any 1 day (points deducted during this audit)

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Iowa	42	44	43.00	41.00	-2.00	<p><i>Cardiac</i></p> <ul style="list-style-type: none"> Individuals [all personnel involved with sponsored athletic events/activities] should be provided annual training and certification in cardiopulmonary resuscitation (CPR) and AED use (points deducted during this audit)
Kansas	23	26	54.35	50.60	-3.75	<p><i>Heat</i></p> <ul style="list-style-type: none"> State requires all schools to have a heat modification policy (points deducted during this audit) The recommended heat policy is based off of Heat Index (points deducted during this audit) The heat policy has at minimum 4 levels of modification, including the modification of practice time (points deducted during this audit) Policy includes modification of equipment (points deducted during this audit) Policy includes modification of work: rest ratios, including unrestricted access to fluids (points deducted during this audit) Policy mentions the use of a shaded area for rest breaks (points deducted during this audit)
Kentucky	6	4	71.13	71.75	+0.63	<p><i>Heat</i></p> <ul style="list-style-type: none"> Policy mentions the use of a shaded area for rest breaks
Louisiana	7	5	71.00	71.00	+0.00	<p><i>Emergency Preparedness</i></p>

						<ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent - Sickle Cell Trait <p><i>Traumatic Brain Injury</i></p> <ul style="list-style-type: none"> A minimum of a 5-step graduated return to play protocol before full return to activity. No more than 2 phases in any one day. (points deducted during this audit)
Maine	28	49	51.10	37.60	-13.50	<p><i>Heat</i></p> <ul style="list-style-type: none"> State requires all schools to have a heat modification policy (points deducted during this audit) The environmental conditions guidelines are based off of epidemiological data specific to that state/region (points deducted during this audit) Policy includes modification of equipment (points deducted during this audit) <p><i>Traumatic Brain Injury</i></p> <ul style="list-style-type: none"> Athletes are not permitted to return to play until they fully return to school (points deducted during this audit) A minimum of a 5-step graduated return to play protocol before full return to activity. No more than 2 phases in any one day. (points deducted during this audit)
Massachusetts	3	7	79.40	69.40	-10.00	<p><i>Heat</i></p> <ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent - Heat Stroke (points deducted during this audit) <p><i>Traumatic Brain Injury</i></p> <ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent- Concussion (points deducted during this audit) <p><i>Cardiac</i></p> <ul style="list-style-type: none"> AED should be stored in a safe place

						<ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent - Sudden Cardiac Arrest (points deducted during this audit)
Michigan	40	41	44.73	42.73	-2.00	<i>Traumatic Brain Injury</i> <ul style="list-style-type: none"> A minimum of a 5-step graduated return to play protocol before full return to activity. No more than 2 phases in any one day. (points deducted during this audit)
Minnesota	49	50	38.98	37.55	-1.43	<i>Heat</i> <ul style="list-style-type: none"> Policy includes modification of work: rest ratios, including unrestricted access to fluids (points deducted during this audit) <i>Emergency Preparedness</i> <ul style="list-style-type: none"> The AEAP should be specific to each venue (points deducted during this audit)
Mississippi	22	24	55.25	52.00	-3.25	<i>Heat</i> <ul style="list-style-type: none"> State requires all schools to have a heat modification policy (points deducted during this audit) The recommended heat policy is based off of Heat Index (points deducted during this audit) <i>Traumatic Brain Injury</i> <ul style="list-style-type: none"> Athletes are not permitted to return to play until they fully return to school (points deducted during this audit) A minimum of a 5-step graduated return to play protocol before full return to activity. No more than 2 phases in any one day. (points deducted during this audit) <i>Emergency Preparedness</i> <ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent - Sickle Cell Trait
Missouri	13	13	63.00	62.00	-1.00	<i>Heat</i> <ul style="list-style-type: none"> Day 6–14, double-practice days must be followed by a single-practice day. On single-practice days, 1 walk-through is permitted,

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						separated from the practice by at least 3 hours of continuous rest. (points deducted during this audit)
Montana	50	48	37.25	38.25	+1.00	<p><i>Heat</i></p> <ul style="list-style-type: none"> On a double-practice day, neither practice day should exceed 3 hours in duration, and no more than 5 total hours of practice in the day.
Nebraska	32	33	47.75	46.5	-1.25	<p><i>Heat</i></p> <ul style="list-style-type: none"> The heat policy has at minimum 4 levels of modification, including the modification of practice time (points deducted during this audit) Policy mentions the use of a shaded area for rest breaks (points deducted during this audit)
New Hampshire	45	40	42.00	42.80	+0.80	<p><i>Emergency Preparedness</i></p> <ul style="list-style-type: none"> Every school should distribute the AEAP to all athletics staff members
New Mexico	31	19	48.70	58.08	+9.38	<p><i>Heat</i></p> <ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent - Heat Stroke Policy includes modification of work: rest ratios, including unrestricted access to fluids (points deducted during this audit) <p><i>Traumatic Brain Injury</i></p> <ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent- Concussion <p><i>Cardiac</i></p> <ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent - Sudden Cardiac Arrest <p><i>Emergency Preparedness</i></p> <ul style="list-style-type: none"> Require 4th Edition PPE forms from American Academy of Pediatrics or equivalent - Sickle Cell Trait
New York	29	25	50.75	51.38	+0.63	<p><i>Heat</i></p> <ul style="list-style-type: none"> Policy mentions the use of a shaded area for rest breaks

North Carolina	4	8	79.38	68.58	-10.80	<p><i>Emergency Preparedness</i></p> <ul style="list-style-type: none"> Plan should specify documentation actions that need to be taken post emergency (points deducted during this audit) <p><i>Appropriate Health Care</i></p> <ul style="list-style-type: none"> Appropriate healthcare profession recommended to be onsite at all collision/contact practices and competitions (points deducted during this audit)
Ohio	41	30	43.93	47.93	+4.00	<p><i>Heat</i></p> <ul style="list-style-type: none"> Cold water immersion tubs for onsite cooling for all warm weather practices If exertional heat stroke is suspected, onsite cooling using cold water immersion before transport to the hospital <p><i>Traumatic Brain Injury</i></p> <ul style="list-style-type: none"> Athletes are not permitted to return to play until they fully return to school (points deducted during this audit)
Oklahoma	43	47	42.90	38.90	-4.00	<p><i>Cardiac</i></p> <ul style="list-style-type: none"> All athletic trainers, coaches, administrators, school nurses, and physical education teachers should have access to an AED on school property (points deducted during this audit) Institutions sponsoring athletic events/activities should have a AED on site or access to one at each athletic venue for practices, games, or other athletic events (points deducted during this audit)
Oregon	11	17	68.59	58.60	-9.99	<p><i>Heat</i></p> <ul style="list-style-type: none"> Cold Water Immersion tubs for onsite cooling for all warm weather practices (points deducted during this audit) <p><i>Traumatic Brain Injury</i></p> <ul style="list-style-type: none"> Athletes are not permitted to return to play until they fully return to school (points deducted during this audit) <p><i>Cardiac</i></p>

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Rhode Island	36	38	46.73	44.73	-2.00	<i>Cardiac</i> <ul style="list-style-type: none"> Institutions sponsoring athletic events/activities should have a AED on site or access to one at each athletic venue for practices, games, or other athletic events (points deducted during this audit)
South Carolina	35	35	46.80	45.80	-1.00	<i>Heat</i> <ul style="list-style-type: none"> On a double-practice day, neither practice day should exceed 3 hours in duration, and no more than 5 total hours of practice in the day. (points deducted during this audit)
South Dakota	16	20	60.58	57.95	-2.63	<i>Heat</i> <ul style="list-style-type: none"> Policy mentions the use of a shaded area for rest breaks (points deducted during this audit) <i>Cardiac</i> <ul style="list-style-type: none"> All athletic trainers, coaches, administrators, school nurses, and physical education teachers should have access to an AED on school property (points deducted during this audit) <i>Traumatic Brain Injury</i> <ul style="list-style-type: none"> Athletes are not permitted to return to play until they fully return to school (points deducted during this audit)
Tennessee	10	9	69.35	67.35	-2.00	<i>Cardiac</i> <ul style="list-style-type: none"> Institutions sponsoring athletic events/activities should have a AED on site or access to one at each athletic venue for practices, games, or other athletic events (points deducted during this audit)
Texas	25	21	53.60	57.60	+4.00	<i>Cardiac</i> <ul style="list-style-type: none"> AED should be stored in a safe place Location of AED should be well marked, publicized, accessible and known among trained staff
Vermont	30	27	49.80	50.60	+0.80	<i>Emergency Preparedness</i>

						<ul style="list-style-type: none"> The AEAP should identify personnel and their responsibilities to carry out the plan of action with a designated chain of command
West Virginia	19	39	58.53	44.40	-14.13	<p><i>Heat</i></p> <ul style="list-style-type: none"> If exertional heat stroke is suspected, onsite cooling using cold water immersion before transport to the hospital (points deducted during this audit) Day 6–14, double-practice days must be followed by a single-practice day. On single-practice days, 1 walk-through is permitted, separated from the practice by at least 3 hours of continuous rest. (points deducted during this audit) State requires all schools to have a heat modification policy (points deducted during this audit) The recommended heat policy is based off of Heat Index (points deducted during this audit) The heat policy has at minimum 4 levels of modification, including the modification of practice time (points deducted during this audit) Policy includes modification of equipment (points deducted during this audit) Policy includes modification of work: rest ratios, including unrestricted access to fluids (points deducted during this audit) <p><i>Cardiac</i></p> <ul style="list-style-type: none"> All athletic trainers, coaches, administrators, school nurses, and physical education teachers should have access to an AED on school property (points deducted during this audit) Institutions sponsoring athletic events/activities should have an AED on site or access to one at each athletic venue for practices, games, or other athletic events (points deducted during this audit) <p><i>Appropriate Health Care</i></p>

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						<ul style="list-style-type: none">• Appropriate healthcare profession required to be onsite at all collision/contact practices and competitions (points deducted during this audit)
Wisconsin	18	18	59.13	58.13	-1.00	<i>Heat</i> <ul style="list-style-type: none">• Day 6–14, double-practice days must be followed by a single-practice day. On single-practice days, 1 walk-through is permitted, separated from the practice by at least 3 hours of continuous rest. (points deducted during this audit)