

Cardiopulmonary Resuscitation (CPR) Report to the Legislature

Submitted Nov. 24, 2021

CPR DATA

On Sept. 20, 2021, an electronic survey was distributed to superintendents in South Dakota's public schools. The survey requested one response per school district or school system. Per SDCL 13-3-93, the purpose of the survey was to collect data regarding the extent of training related to cardiopulmonary resuscitation (CPR) and the use of automated external defibrillators (AED) offered in schools. The survey closed Oct. 9, 2021. The results below incorporate responses from South Dakota's 149 public school districts.

The 2021 survey results indicate most of the implementation is occurring at the high school level with 99 districts, or 66 percent of respondents, providing instruction in grade 9 followed by 53 districts, or 36 percent of respondents, providing instruction in grade 12. At the middle school level 34 districts, or 23 percent of respondents, provide CPR instruction in grade 8. The elementary level has decreased numbers with only 6 districts implementing CPR grades K-5 in 2021 compared to 24 districts in 2019. Upper elementary grade and middle school grades 6-8 have increased to 60 districts in 2021 compared to 50 districts in 2019.

Results indicate that of the 149 districts responding to the survey, several districts are not offering CPR/AED education at a specific grade level. Answers from multiple survey questions indicate some districts are utilizing community certified trainers for one-day events or providing grade level K-12 training events. Some districts are working on offering CPR in more than one grade or course. Many districts are also offering CPR/AED training for their staff and utilizing the CPR resource page to identify agencies such as local EMT, school or county nurses, Red Cross, or Fire and Rescue to offer trainings allowing certification for students/staff.

*Note: Because districts can indicate multiple grade levels, percentages will not add up to 100, and numbers of districts will not add up to 149 in the chart below. The one district not offering CPR indicated they are K-5 only.

*Note: On December 09, 2020, Governor Noem signed [Executive Order 2020-33](#), which temporarily suspended the statutory provisions of SDCL 13-3-93 and 13-3-96 requiring the Department of Education to survey schools' compliance with CPR instruction requirements, due to the COVID pandemic. Therefore, there is no survey data for 2020.

Grade Level in which CPR education is available to students			
	2018	2019	2021
Kindergarten	2.03% (3)	2.03% (3)	.67% (1)
Grade 1	2.03% (3)	2.03% (3)	.67% (1)
Grade 2	2.03% (3)	2.03% (3)	.67% (1)
Grade 3	2.03% (3)	2.03% (3)	.67% (1)
Grade 4	3.38% (5)	3.38% (5)	.67% (1)
Grade 5	4.05% (6)	4.80% (7)	.67% (1)
Grade 6	7.43% (11)	7.64% (11)	6.04% (9)
Grade 7	10.14% (15)	9.72% (14)	11.41% (17)
Grade 8	17.57% (26)	17.36% (25)	22.82% (34)
Grade 9	62.16% (92)	61.11% (88)	66.44% (99)
Grade 10	38.51% (57)	33.33% (48)	31.54% (47)
Grade 11	31.76% (47)	25.69% (37)	23.49% (35)
Grade 12	45.27% (67)	38.89% (56)	35.57% (53)
Not offered	3.38% (5)	6.25% (9)	0.67% (1)
Total Respondents: 149			

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This past year saw a decrease in the number of districts that require CPR education to graduate. The survey indicates 109 districts, or 73 percent of respondents, do not require CPR education as a graduation requirement. That compares to 100 districts, or 70 percent of respondents, that did not require CPR education as a graduation requirement in 2019.

CPR education/training as a graduation requirement			
	2018	2019	2021
Yes	22.97% (34)	30.56% (44)	26.85% (40)
No	77.03 % (114)	69.44% (100)	73.15% (109)
TOTAL Districts 149	99% (148)	97% (144)	100% (149)

The South Dakota Department of Education, along with a CPR stakeholders group created the [CPR Resources for Schools](#) webpage to assist districts in providing CPR and AED education. To comply with **13-3-92**, all resources and contacts are for state-based organizations with national recognition. Over half of districts surveyed indicate having visited the website to review the statewide agencies.

Several districts indicate they provide CPR/AED education by utilizing local EMT/fire/hospital certified trainers for one- day trainings or workshop settings rather than through content areas listed on the survey. Some districts indicate they provide CPR/AED opportunities through stand-alone classes, careers courses, or those that connect to the health industry. The next three tables provide additional details about how CPR and AED skills are being taught in districts.

Courses in which CPR and AED skills are taught			
	2018	2019	2021
Health	55.48% (81)	58.33% (84)	68.92% (102)
Physical Education	20.55% (30)	15.97% (23)	14.19% (21)
Science	4.11% (6)	5.56% (8)	4.05% (6)
Other	19.86% (29)	20.14% (29)	12.84% (19)
TOTAL 148 (1 skipped)	98% (146)	97% (144)	99% (148)

Other responses:

- EMT course/training
- Introduction to Sports Medicine
- Health Careers
- Stand-alone class with certification via school nurse
- Local Fire Chief & Rescue training to staff/seniors
- Senior Government Course
- Senior Career Course
- Jobs for America Courses
- County Health Nurse
- Local EMT instructor

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Length of time CPR education is provided			
	2018	2019	2021
A few days to a week	52.74% (77)	48.61% (70)	54.05% (80)
One day training	34.93% (51)	34.72% (50)	32.43% (48)
Other (please specify)	2.74% (4)	3.47% (5)	4.05% (6)
Several Weeks	6.85% (10)	9.72% (14)	6.76% (10)
One quarter (9 weeks)	2.74% (4)	3.47% (5)	2.70% (4)
TOTAL 148 (1 skipped)	98% (146)	96% (144)	99% (148)

Other responses:

- Part of Health Class or First Aid Class (semester long)
- One week of the semester
- 2-3 hours or a 4 hour (1/2-day training)
- One 90-minute class period

Extent of CPR education provided			
	2018	2019	2021
CPR and AED skills training	79.02% (113)	80.56% (116)	80.82% (118)
CPR training <u>with certification</u> and AED training	20.98% (30)	19.45% (28)	19.18% (28)
TOTAL 146 (3 skipped)	96% (143)	96% (144)	98% (146)

Other responses provided by districts:

- CPR Certification if students show interest to provide
- CPR Certification and training only
- Local EMT conducted in-services/trainings also include choking/Heimlich Maneuver
- School or County Nurses provide CPR via the American Red Cross Hands-on procedures
- CPR/AED offered to High school PE; CPR certification/AED offered to staff

2021 COMPLETED ACTIONS LED BY SD DEPARTMENT OF EDUCATION

The January 2021 issues of *Education Online* and *Online Zebra*, the South Dakota Department of Education's monthly electronic newsletters for educators, promoted the [CPR Resources for Schools](#) webpage.

Throughout the year, the department provided guidance to districts on the implementation of CPR/AED instruction into existing district courses. The department also provided clarification about the requirements of SDCL 13-3-91: while CPR is not a graduation requirement, as of July 1, 2017, districts must incorporate into district curriculum the skills necessary to perform hands-only CPR and awareness in the use of an AED. Districts indicating no CPR implementation in school year 2019-2020 were required to submit curriculum plans for CPR/AED to the accreditation review team. In 2021, all districts were compliant for CPR/AED.

The CPR stakeholder group reviewed requests from providers to be added to the CPR Resource webpage. The stakeholders provided new contact information and the department made updates to reflect those new contacts on the CPR Resource page.

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SD CODIFIED LAWS FOR CPR

13-3-91. Cardiopulmonary resuscitation skills to be included in school curriculum. The secretary of education shall identify cardiopulmonary resuscitation (CPR) skills that all schools shall include within required school curriculum and shall inform school districts of resources and training available to assist schools to provide instruction in CPR and the use of automated external defibrillators.

Source: SL 2014, ch 79, § 1; SL 2017, ch 75, § 1.

13-3-92. Cardiopulmonary resuscitation training resources. Any training resources the secretary of education recommends pursuant to § 13-3-91 shall be nationally recognized, use the most current national guidelines for CPR and emergency cardiovascular care, and incorporate psychomotor skills development into the instruction.

Source: SL 2014, ch 79, § 2.

13-3-93. Annual survey of cardiopulmonary resuscitation instruction--Report to Legislature. The secretary of education shall electronically survey school districts regarding whether, and to what extent, the instruction of cardiopulmonary resuscitation and the use of automated external defibrillators is offered. The survey must gather data regarding what grades, for what period of time, and in connection with what course of instruction, if any, the training is offered. The secretary shall submit a report of the results of this data collection to the Senate and House standing committees on education and health and human services no later than December 1 of each year.

Source: SL 2014, ch 79, § 3.

13-3-94. Programs that may be used for cardiopulmonary resuscitation instruction. To provide the instruction required in § 13-3-91, the school board or governing body shall use either of the following:

(1) An instructional program developed by the American Heart Association or the American Red Cross; or

(2) An instructional program that is nationally recognized and based on the most current American Heart Association guidelines for CPR and emergency cardiovascular care.

The psychomotor skills necessary to perform hands-only CPR and awareness in the use of an AED shall be incorporated into the instruction.

For the purposes of this section, the term, psychomotor skills, means the use of hands-on practicing to support cognitive learning.

Source: SL 2017, ch 75, § 2.

13-3-95. CPR and AED instructors. A certified teacher is not required to be an authorized CPR or AED instructor to facilitate, provide, or oversee the instruction required in § 13-3-94. However, any CPR course that results in the students earning a CPR course completion card shall be taught by an authorized CPR or AED instructor.

Source: SL 2017, ch 75, § 3.

13-3-96. Annual survey of schools. The Department of Education shall annually conduct a survey of each applicable school to determine compliance with the requirements of §§ 13-3-91, 13-3-94, and 13-3-95.

Source: SL 2017, ch 75, § 4.