

Cardiopulmonary Resuscitation (CPR) Report to the Legislature Submitted Nov. 21, 2016 (revised January 2017)

SD Codified Law

13-3-91. Cardiopulmonary resuscitation to be recommended skill included in school health curriculum. The secretary of education shall annually identify cardiopulmonary resuscitation (CPR) as a recommended skill that all schools should include within school health 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.

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.

CPR Survey

On September 16, 2016, an electronic survey was distributed to superintendents and middle/high school principals 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 on October 13, 2016. The results below incorporate responses from South Dakota's 150 public school districts.

The following charts represent the public school district results. The 2016 survey results indicated that 71 or 48% of public school districts are implementing some type of CPR education. In 2015, the survey indicated that 76 or 51 % of public school districts are implementing some type of CPR education. Results indicate that three additional districts are now requiring a training for all students.

Does your district offer CPR education/training to students?

Answer Choices	2016	2015	2014
No	52.35% (78)	48.99% (74)	56.63% (84)
Yes, optional training	22.15% (33)	23.49% (35)	18.54% (28)
Yes, required for all	19.46% (29)	17.45% (26)	18.54% (28)
We are planning to implement CPR beginning this school year	6.04% (9)	10.07% (15)	7.28% (11)
TOTAL	100.00% (149)*	100.00% (150)	100.00% (151)

one district skipped answering this question

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Of the districts who were implementing CPR education in 2015-2016, four additional districts reported in 2016 that they are now offering CPR training with certification. Ninth grade students continue to hold the highest percent of students receiving CPR trainings in their health classes. The charts below outline additional details about implementation of CPR education.

Indicate the extent of the CPR education being provided in your district.

Answer Choices	2016	2015	2014
CPR and AED training	33.80% (24)	35.53% (27)	28.36% (19)
CPR training	28.17% (20)	28.95% (22)	32.84% (22)
CPR training with certification and AED training	16.90% (12)	21.05% (16)	11.94% (8)
CPR training with certification	12.68% (9)	6.58% (5)	16.42% (11)
Other (please specify)	8.54% (6)	6.58% (5)	7.46% (5)
AED (Automated External Defibrillator) training	0% (0)	1% (1)	0% (0)
TOTAL	100% (71)	100% (76)	100% (67)

Grade levels in which CPR education is available to students. (Districts could select more than one grade level.)

Answer Choices	2016	2015	2014
9th Grade	63.89% (46)	57.14% (44)	25.33% (38)
12 th Grade	44.44% (32)	45.45% (35)	21.33% (32)
11th Grade	37.50% (27)	40.26% (31)	16.67% (25)
10 th Grade	47.22% (34)	35.06% (27)	19.33% (29)
8th Grade	19.44% (14)	25.97% (20)	10.67% (16)
7th Grade	15.28% (11)	14.29% (11)	5.33% (8)
6th Grade	5.56% (4)	6.49% (5)	1.33% (2)
5 th Grade	1.39% (1)		
1 st Grade	1.39% (1)		

Which class currently implements CPR education?

Answer Choices	2016	2015	2014
Health	56.94% (41)	51.32% (39)	52.24% (35)
Physical Education	19.44% (14)	27.63% (21)	20.90% (14)
Other	19.44% (14)	15.79% (12)	20.90% (14)
Science	4.17% (3)	5.26% (4)	2.99% (2)
TOTAL	100.00% (72)	100.00% (76)	100.00% (67)

Other Responses:

- Advisory period for all Juniors
- Community EMS, Fire & Rescue
- Health Careers
- Government
- Health and PE
- HOSA Organization
- Pulled out of their class for 1 day training by their local Fire and Rescue
- Special workshop day for training
- CTE courses (Health Science & Human Service)
- USD Medical Students/training sessions

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Does your district have a faculty member certified to train students in CPR education?

Note: The 2016 numbers indicate a drop in certified faculty members to train CPR education, however, based on the comments posted in the survey it appears more districts have been utilizing their local EMS, Fire & Rescue, HOSA, and USD medical students to assist with both staff and student trainings for their districts. These professional agencies are providing another certified instructor option for both the CPR/AED trainings.

Answer Choices	2016	2015	2014
No	65.28% (47)	56.58% (43)	50.75% (34)
Yes, optional training	34.72% (25)	43.42% (33)	49.25% (33)
TOTAL	100.00% (72)	100.00% (76)	100.00% (67)

For what length of time is CPR education provided.

Answer Choices	2016	2015	2014
A few days to a week	43.66% (31)	53.95% (41)	49.25% (33)
One day training	30.99% (22)	25.00% (19)	25.37% (17)
Several weeks	14.08% (10)	10.53% (8)	7.46% (5)
Other (please specify)	8.45% (6)	9.21% (7)	11.94% (8)
One quarter (9 weeks)	2.82% (2)	1.32% (1)	2.99% (2)
TOTAL	100.00% (71)	100.00% (76)	100.00% (67)

Other Responses:

- Part of Health Class
- 4 hour training
- Varies by class and instructor
- Typically a week for the class to finish the training
- 2-3 hours and then a follow-up with local ambulance service

Is CPR education/training required as a graduation requirement?

Answer Choices	2016	2015	2014
No	93.06% (67)	92.21% (71)	86.57% (58)
Yes	6.94% (5)	7.79% (6)	13.43% (9)
TOTAL	100.00% (72)	100.00% (77)	100.00% (67)

Completed Action Items

2016

In January 2016, DOE promoted the [CPR Resource for Schools](#) and utilized the Education Online publication to highlight stories of districts and agencies who were working together to promote CPR training in classrooms across the state.

Inquiries pertaining to the CPR Resource page were directed to DOE throughout the year and updates were made to the page for new agency contacts. USD Medical students also connected with local EMT agencies across the state and have been training in classrooms in various parts of the state. The stakeholder group reviewed any inquiries to be added the CPR resource page. Currently,

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stakeholders are reviewing the addition of the USD Medical students once a permanent contact to oversee this group is designated.

January 2017 will provide another opportunity to promote the CPR resource page via the Ed Online publication and DOE listserv. Any updates to the CPR Resource page will be identified so districts have current contact information to continue CPR education in their classrooms.

2015

On January 7, 2015, DOE launched the [CPR Resources for Schools](#) for district viewing. By October 2015, the CPR Resource page had 5, 826 visitors access the webpage. DOE promoted the launch of this resource in the January 2015 Education Online publication and through DOE listservs. In January 2016, the CPR Resource website will be showcased again in that same publication.

All stakeholders and their agencies were provided the link to the [South Dakota Educational Directory](#) located on the DOE website. The directory will assist these partner agencies with contact information for districts across the state. The partner agencies are responsible for reaching out to schools and offering their services for Hands-Only CPR training, CPR/AED trainings and certification options. The directory offers stakeholder/partner agencies the opportunity to work with schools and enhance CPR options for all students and staff.

2014

Following the 2014 report submission, a stakeholders meeting was scheduled on December 11, 2014, with discussions surrounding outreach to school districts with the various CPR Resources for training options ranging from hands-only CPR/AED, to all day CPR/AED certification, or mini-sessions encompassing various aspects of CPR training, AED, plus heart disease and prevention.

An online resource location was the main focus of the meeting. Stakeholders from each partner agency provided contact information, types of trainings, and video links that could assist districts in learning more about Hands-Only CPR and training options available by each of the agencies. The stakeholders verified the validity of all the sources and contacts and agreed to supply DOE with any updates on a yearly basis.

CPR Stakeholders/Partner Agencies

Brian Hambek	EMT/Spearfish
Eric VanDusen	Sanford Health
Megan Myers	American Heart Association
Tony Burke	Red Cross
Richard Smith	Red Cross
Jeff Helm	Sioux Falls Fire/Rescue
John Krogstrand	SD High School Activities Association
Jonel Geske	Stevens High School/Rapid City
Shelly Wolfe	Stevens High School/Rapid City
Teri Bauer	East Middle School/Rapid City
Teresa Berndt	SD Department of Education