



CPR Education and AED Placement in American Schools: The State of the Nation

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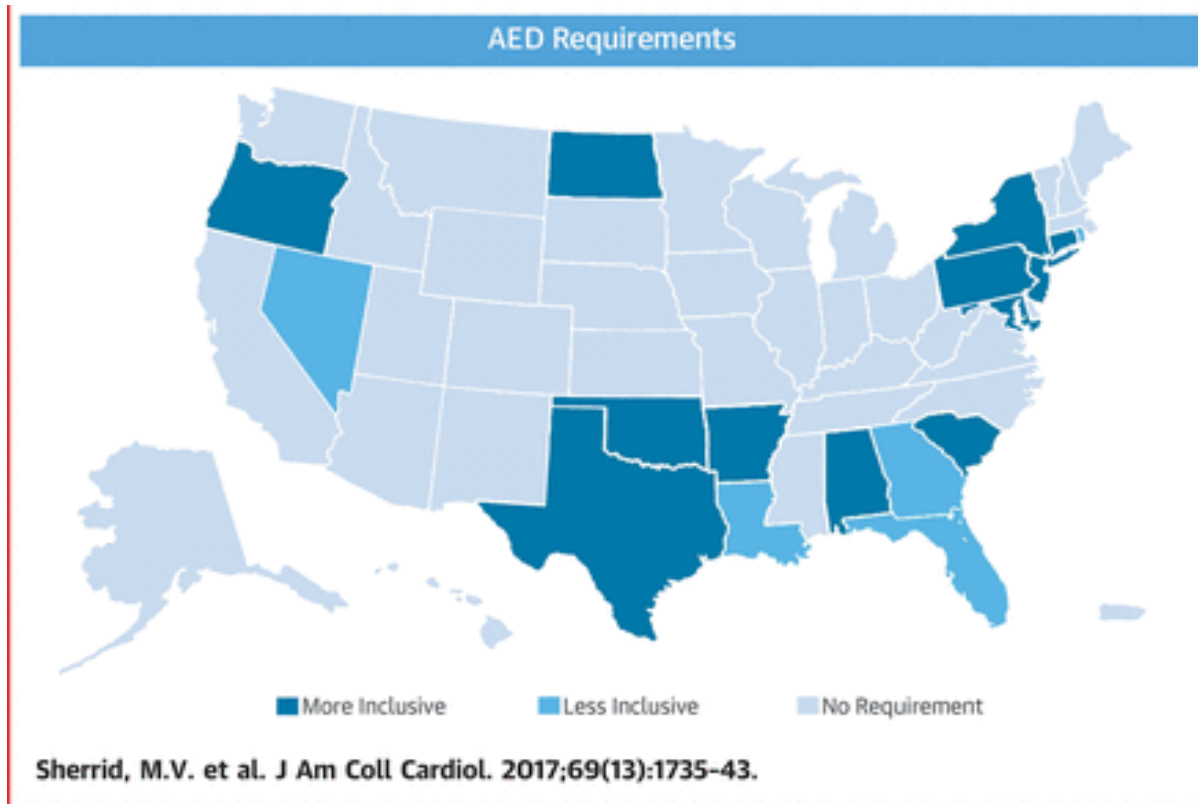
Sudden Cardiac Arrest Foundation



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Mary M. Newman, MS, Sudden Cardiac Arrest Foundation
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States Requiring AEDs in All Schools



17 of 50 states
require AEDs in
some schools

States Requiring AEDs in All Schools



1. New Jersey
2. Oregon
3. Pennsylvania**

***Contingent state funding*

SOURCE: Sherrid, MV. JACC, March 2017

States Requiring AEDs in All Public Schools

1. Alabama*
2. Arkansas
3. Connecticut
4. Florida
5. Georgia
6. Louisiana
7. Maryland***
8. North Dakota*
9. Nevada***
10. New York***
11. Oklahoma
12. Rhode Island*
13. South Carolina**
14. Texas*

**Unequivocal state funding*

***Contingent state funding*

****Local board of education funding*

States Recommending AEDs in Schools

1. California
2. Colorado
3. Ohio
4. Tennessee
5. Washington

Current Activity: Discussion

- Massachusetts
- Others

10 Points to Consider

1. Estimates of the incidence of sudden cardiac arrest (SCA) in school-age individuals range from 2.1-6.3/100,000 per year.
2. Two in fifty high schools in the United States can expect a SCA event each year.
3. The hospital survival rate of students after SCA in schools with AEDs is approximately 70%, compared with only approximately 8% in the overall population of school-age children.
4. Only 17 of 50 states (34%) have some type of legislation dealing with AEDs in schools, most commonly a requirement for AEDs in public grade schools or in both public grade schools and colleges.
5. Nine of these 17 states provide funding for the AEDs.

10 Points to Consider

6. The American Heart Association provides no specific guidance or recommendations on the placement of AEDs in schools.
7. The placement of AEDs in schools should be accompanied by training of the staff.
8. A simulator study has demonstrated that students without prior training can accurately employ an AED as directed by prompts from the AED.
9. All states have Good Samaritan laws that protect bystanders who use an AED to resuscitate a victim of SCA.
10. The main impediment to the universal placement of AEDs in schools is cost. However, the cost of two AEDs plus a training program is approximately \$3,300 per school, which is much lower than the annual expenditures of \$11,000-12,000 per student in the United States.