## Alabama State Association for Health, Physical Education, Recreation and Dance

## Position Statement on Physical Education Class Size

In order to maintain student safety and ensure that quality instruction can occur, the Alabama State Association for Health, Physical Education, Recreation and Dance supports the recommendation of the Society of Health and Physical Educators that physical education class size should be consistent with those of other subject areas ( $11,12,13,14$ ).

As class size increases above recommended levels, safe and effective instruction may become compromised. This can manifest itself in many ways including:

- Increased risk of student injury
- Increased opportunity for off task behavior of students
- Decreased instructional time due to management issues
- Insufficient amounts of equipment and activity space
- Decreased practice opportunities resulting in a slower rate of learning
- Decreased student time spent in activity during class
- Decreased individualized instruction

Student safety is an inherent responsibility of schools. Recommendations related to class size for physical education are often not enforced, thus placing students in unsafe environments. Physical educators, through no fault of their own, are often required to teach classes of 75 students or more. The foundation of a physical education classroom is movement; when coupled with too many students in an inadequate space, student safety is compromised. An overcrowded, dynamic environment places teachers, administrators, and school system personnel in a litigious situation when a student is injured.

Quality physical education programs "provide students with a planned, sequential, K-12 standardsbased program of curricula and instruction designed to develop motor skills, knowledge and behaviors for active living, physical fitness, sportsmanship, self-efficacy and emotional intelligence" (15). A welldesigned, quality physical education program: "meets the needs of all students; keeps students active for most of physical education class time; teaches self-management; emphasizes knowledge and skills for a lifetime of physical activity; and is an enjoyable experience for all students (3)." A barrier to quality physical education is large class sizes. A direct correlation exists between large class sizes and the teacher's ability to deliver a quality program, characterized by maximum participation of all students ( 2 , 4, 8). Multiple studies have shown smaller class sizes produce higher academic achievement, increased concentration, a reduction in disruptive behaviors, increased moderate-to-vigorous physical activity, more individualized attention, and provide teachers with more flexibility to use different instructional approaches and assignments ( $5,6,7,9,10,11,16$ ).

Much of the research supports the view that larger class sizes negatively impact learning in all academic settings. Additionally, student safety is more concerning within the physical education setting. Questions remain regarding the most appropriate classroom size for physical education classes. Regardless, literature suggests the best practices environment for providing quality physical education is much different than the current situation in most Alabama schools.

## References:

1. Barroso, C.S., McCullum-Gomez, C., Hoelscher, D.M., Kelder, S.H. \& Murray, N.G. 2005. SelfReported Barriers to Quality Physical Education by Physical Education Specialists in Texas. The Journal of School Health 75 (8), 313-319.
2. Centers for Disease Control and Prevention. (2013). Comprehensive school physical activity programs: A guide for schools. Atlanta, GA: U.S. Department of Health and Human Services.
3. Gross, M.K. \& Buchanan, A.M. (2014). Perspectives of physical education specialists who teach in large class settings. Journal of Physical Education and Sports Management, 1(2), 67-90.
4. Hastie, P. A., \& Saunder, J. E. (1991). Effects of class size and equipment availability on student involvement in physical education. The Journal of Experimental Education, 59, 212-224.
5. Hennessy, B. (2005). Supersizing classes is not healthy. California Association for Health, Physical Education, Recreation and Dance Journal, 67(4), 8-11.
6. Kirkham-King, M., Brusseau, T.A., Hannon, J.C., Castelli, D.M., Hilton, K. \& Burns, R.D. (2017). Elementary physical education: A focus on fitness activities and smaller class sizes are associated with higher levels of physical activity. Preventive Medicine Reports 8, 136-139.
7. McKenzie, T.L., Marshall, S.J., Sallis, J.F. \& Conway, T.L. 2000. Student Activity Levels, Lesson Context, and Teacher Behavior During Middle School Physical Education. Research Quarterly, 71 (3), 249-259.
8. Rhea, D.J. (2009). The Physical Education Deficit in the High Schools. Journal of Physical Education, Recreation \& Dance, 80:5, 3-9.
9. Sallis, J., McKenzie, T., Lolody, B., Lewis, M., Marshall, S., \& Roesngard, P. (1999). Effects of healthrelated physical education on academic achievement: Project SPARK. Research Quarterly for Exercise and Sport, 70(2), 127-134.
10. Schanzenbach, D.W. (2014). Does Class Size Matter? Boulder, CO: National Education Policy Center. Retrieved [date] from http://nepc.colorado.edu/publication/does-class-size-matter.
11. SHAPE America. (2009). Appropriate instructional practices guidelines, K-12: A side-by-side comparison. Reston, VA: Author.
12. SHAPE America. (2010). Opportunity to learn: Guidelines for elementary, middle, and high school physical education. Reston, VA: Author.
13. SHAPE America. (2015a). Physical education program checklist [Guidance document]. Reston, VA: Author.
14. SHAPE America. (2015b). The essential components of physical education. Reston, VA: Author.
15. Shepard, R.J. (1996). Habitual physical activity and academic performance. Nutrition Reviews, 54 (4 supplement), S32-36.

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