

# Policy Brief: Fulfilling the Promise of Free Water in K-12 Schools

## Background

Overweight and obesity among children and adolescents have tripled in the past three decades. With one-third of our nation's 2-19 year-olds now overweight or obese, the consequences are alarming for their health and longevity, as well as for the nation's economic well-being. A growing body of research implicates sugar-sweetened beverages (SSBs), such as sodas and sports drinks, as a key driver of rising obesity rates. In the U.S., 80 percent of 2-19 year-olds consume at least one SSB daily.

Free drinking water provides a healthy, low-cost, zero-calorie beverage option. Consumption of water is associated with a number of health benefits including obesity prevention, dental caries reduction (even in the absence of fluoridation, drinking water instead of SSBs can prevent caries), proper hydration, and improved cognitive function. Access to free, clean drinking water in schools is important since children spend substantial time there and students may arrive at school already dehydrated.

In September 2010, California enacted SB 1413, which requires schools to provide access to free drinking water during meal times in school food service areas. In December 2010, President Obama signed the Healthy, Hunger-Free Kids Act of 2010, which included a similar provision. Both statutes were effective as of the 2011-2012 school year.

## The Study

From May to November of 2011, researchers at the University of California, San Francisco, in conjunction with California Food Policy Advocates and ChangeLab Solutions (formerly Public Health Law & Policy), examined drinking water access, water-related policies, and practices, as well as barriers to improving water access and intake in California public schools. The study principally consisted of interviews with administrators from 240 randomly selected California schools, and helped to document water access in

California's schools as the law was being initially implemented. In addition, a stakeholder convening was held in March 2012, where policy and research recommendations were developed, based upon the study's findings.

## Principal Study Findings

While all study schools reported offering free drinking water in at least one location on campus, one in four schools reported no such access where meals are served despite the new state and federal requirements. Drinking fountains were cited as the most common source of free drinking water in schools. Five main barriers to full implementation of the new water-access requirements were identified:

- Unfamiliarity with the "water in schools" legislation and/or health benefits of improving water access and intake.
- Concerns about the cost of making drinking water available during meal times and throughout the school day.
- Concerns about water safety and quality.
- Lack of student preference for water and their low consumption of water.
- School administrators' other pressing work-related concerns.



**ChangeLab  
Solutions**

Law & policy innovation  
for the common good.

University of California  
San Francisco



Philip R. Lee Institute  
for Health Policy Studies



**CALIFORNIA  
FOOD POLICY  
ADVOCATES**

## **Key Policy Recommendations**

**Strategic goal:** Change the paradigm by increasing access to and consumption of free, appealing, and safe drinking water in all schools as rapidly as possible.

**1. Make water easily accessible, available and visible to students during meals.** *At minimum, schools should provide a cup of water on every school lunch tray or at least nearby the serving line and where students eat.*

**2. Eliminate sales of single-use, individual-size bottled water and other competitive beverages at school.** *The presence of competitive beverages in schools contradicts and undermines the policy to require and promote free water. If any competitive beverages are sold on school campuses, they should be limited to nutrition services' sale of nonfat and 1% unflavored milk and 100% juice in National School Lunch Program (NSLP) portion size.*

**3. Require annual water-quality testing at the tap of every school's drinking water, with notice of testing results readily available to students, parents and community.** *Current water-quality testing is piecemeal and arcane. Greater coherence and transparency will earn confidence in tap water from students and their families.*

**4. Require access to free water in the School Breakfast Program, Summer Food Service Program, and the Afterschool Snack and Dinner Programs under federal law.** *The nutrition and health benefits of free water access should not be limited to NSLP under federal law.*

**5. Integrate an examination of water availability and quality of school drinking water devices within existing school accountability report cards, and assessments.** *Stakeholders need a baseline understanding of water access to make improvements.*

The full text of this policy brief, including references, recommendations for further research and additional resources, is available at <http://waterinschools.org/pdfs/FulfillingThePromiseOfFreeWater2012.pdf>

**6. Facilitate and support the development of good models for purchase, installation, and maintenance of a range of water delivery systems, from short-term solutions (e.g. coolers) to permanent solutions (e.g., plumbed in bottle filling dispensers), support the negotiation of high-volume pricing; prohibit/discourage the use of single-use bottled water on campuses.** *This is the information that schools most request and need.*

**7. Include a water consumption recommendation in all nutrition guidance documents, particularly the Dietary Guidelines, with which school meals must be aligned, and include water access/consumption standards in incentive/reward programs like Healthier US School Challenge and Alliance for Healthier Generation.** *This strategy will strengthen implementation, promotion, and consumption.*

**8. Submit comments on relevant United States Department of Agriculture proposed rules stemming from the Healthy, Hunger-Free Kids Act of 2010, including those dealing with competitive foods, indirect costs, and wellness policies.** *This is an effective strategy in support of robust implementation of the relevant provisions of the Healthy, Hunger Free Kids Act of 2010.*

---

## **Acknowledgment**

The study of water access and water policies in California was funded by Healthy Eating Research, a national program of the Robert Wood Johnson Foundation.

**Cite as:** Braff-Guajardo, E., Hecht, K., Hampton, K.E., Brindis, C.D., Grumbach, J.M., Patel, A.I. Policy Brief: Fulfilling the Promise of Free Water in K-12 Schools. (2012). Retrieved from: <http://waterinschools.org/pdfs/FulfillingThePromiseOfFreeWater2012.pdf>

---