

**Supplemental Tables:**

**Supplemental Table 1: Adjusted prevalence odds ratio of caries by perfluoroalkyl substance concentrations among age 12 to 19-year-old US adolescents (2003-2012): Sensitivity analyses adjusting for dietary sugar intake and multi-pollutant model of serum PFAA concentrations.**

<b>PFAA</b>	<b>Adjusted Model 1<sup>a</sup></b>	<b>Adjusted-Model 2<sup>b</sup></b>	<b>Adjusted-Model 3<sup>c</sup></b>
PFOA	0.95 (0.87, 1.04)	0.94 (0.84, 1.06)	0.93 (0.83, 1.05)
PFOS	0.93 (0.85, 1.01)	0.92 (0.85, 1.00)	0.92 (0.85, 1.02)
PFNA	0.95 (0.85, 1.05)	0.95 (0.85, 1.05)	0.95 (0.85, 1.05)
PFHxS	0.95 (0.90, 0.99)	0.96 (0.90, 1.02)	0.96 (0.90, 1.02)

<sup>a</sup> Adjusted for: Adolescent's Age, Gender, Race (Mexican American, other Hispanic, non-Hispanic white, non-Hispanic black, other non-Hispanic race), Education level of the parent/guardian (<12; 12; some college education), Family PIR (<1, 1-1.85, >1.85), blood lead, and serum cotinine levels.

<sup>b</sup> Adjusted for: Adolescent's Age, Gender, Race (Mexican American, other Hispanic, non-Hispanic white, non-Hispanic black, other non-Hispanic race), Education level of the parent/guardian (<12; 12; some college education), Family PIR (<1, 1-1.85, >1.85), log transformed PFOA concentration, log transformed PFOS concentration, log transformed PFNA concentration, log transformed PFHxS concentration, blood lead, and serum cotinine levels.

<sup>c</sup> Adjusted for: Dietary sugar intake, Adolescent's Age, Gender, Race (Mexican American, other Hispanic, non-Hispanic white, non-Hispanic black, other non-Hispanic race), Education level of the parent/guardian (<12; 12; some college education), Family PIR (<1, 1-1.85, >1.85), blood lead, and serum cotinine levels

**Supplemental Table 2: Sensitivity analysis of count ratios of surface level dental caries by log<sub>2</sub> transformed PFAA concentrations among age 12 to 19-year-old US adolescents (NHANES 1999-2014)**

<b>PFAA</b>	<b>Count Ratio<sup>a</sup></b>	<b>95% CI<sup>a</sup></b>
PFOA	0.990	0.989-0.990
PFOS	0.948	0.947-0.948
PFNA	0.985	0.984-0.985
PFHxS	0.974	0.973-0.974

<sup>a</sup> Adjusted for: Adolescent's Age, Gender, Race (Mexican American, other Hispanic, non-Hispanic white, non-Hispanic black, other non-Hispanic race), Education level of the parent/guardian (<12; 12; some college education), Family PIR (<1, 1-1.85, >1.85), blood lead, and serum cotinine levels.