

Supplementary Table S1. Sex-Stratified Participant Characteristics by Year, YRBS 2009–2019

Characteristics	2009 (n=16041/missing=369)		2011 (n=15026/missing=399)		2013 (n=13224/missing=359)		2015 (n=15129/missing=495)		2017 (n=14328/missing=437)		2019 (n=13121/missing=556)	
	n	% (95% CI) ^a	n	% (95% CI) ^a	n	% (95% CI) ^a	n	% (95% CI) ^a	n	% (95% CI) ^a	n	% (95% CI) ^a
Sex												
Male	7888	52.1 (49.7, 54.6)	7469	51.4 (49.6, 53.2)	6739	49.8 (48.5, 51.0)	7530	51.0 (47.7, 54.3)	6933	49.1 (46.6, 51.6)	6406	50.4 (48.9, 52.0)
Female	8153	47.9 (45.4, 50.3)	7557	48.6 (46.8, 50.4)	6485	50.2 (49.0, 51.5)	7599	49.0 (45.7, 52.3)	7395	50.9 (48.4, 53.4)	6715	49.6 (48.0, 51.1)
Grade, stratified by sex												
Male												
9th Grade	1939	28.5 (26.6, 30.6)	1854	27.5 (25.0, 30.2)	1765	27.4 (25.8, 29.0)	1910	28.0 (25.9, 30.2)	1848	27.7 (26.0, 29.4)	1643	26.9 (25.3, 28.5)
10th Grade	1891	26.4 (24.5, 28.4)	1778	26.3 (24.2, 28.4)	1569	26.0 (24.4, 27.7)	1926	25.2 (22.3, 28.2)	1742	25.4 (23.6, 27.3)	1803	25.6 (24.3, 27.0)
11th Grade	2016	23.3 (22.2, 24.4)	2028	23.8 (22.7, 24.8)	1635	23.5 (22.6, 24.5)	1937	23.9 (22.3, 25.6)	1745	23.9 (22.8, 25.1)	1598	24.2 (22.7, 25.7)
12th Grade	2042	21.7 (20.4, 23.2)	1809	22.5 (20.7, 24.3)	1770	23.0 (21.7, 24.4)	1757	22.9 (21.6, 24.2)	1598	23.0 (21.5, 24.6)	1362	23.3 (21.7, 25.0)
Female												
9th Grade	2128	27.1 (25.1, 29.2)	1834	27.6 (25.3, 30.1)	1739	27.2 (25.7, 28.6)	1991	26.3 (24.3, 28.5)	1977	26.8 (25.0, 28.8)	1857	26.0 (24.4, 27.7)
10th Grade	1956	25.8 (24.7, 27.0)	1859	25.4 (23.7, 27.2)	1522	25.4 (24.0, 26.8)	1917	26.4 (24.3, 28.6)	1884	25.7 (24.5, 26.9)	1822	25.4 (24.2, 26.7)
11th Grade	2029	24.1 (23.1, 25.2)	2025	24.0 (22.8, 25.3)	1489	24.1 (22.7, 25.5)	1913	23.7 (21.9, 25.6)	1788	24.0 (23.0, 25.0)	1621	24.5 (23.1, 26.0)
12th Grade	2040	23.0 (21.7, 24.4)	1839	23.0 (21.6, 24.4)	1735	23.4 (22.1, 24.7)	1778	23.6 (22.5, 24.7)	1746	23.5 (22.0, 25.0)	1415	24.0 (22.3, 25.9)
Race/ethnicity, stratified by sex												
Male												
White, NH	3453	60.4 (53.1, 67.2)	3136	57.3 (51.5, 62.9)	2835	56.2 (49.1, 63.1)	3358	53.7 (48.4, 59.0)	2988	52.6 (47.7, 57.5)	3231	51.8 (46.3, 57.2)
Black or AA, NH	1367	13.9 (10.7, 17.8)	1321	13.8 (11.5, 16.5)	1493	14.1 (10.5, 18.8)	833	14.1 (11.3, 17.3)	1343	13.6 (11.0, 16.7)	1007	12.6 (10.5, 15.1)
Hispanic or Latino	2298	17.9 (14.9, 21.4)	2238	19.9 (16.3, 24.2)	1719	20.9 (16.8, 25.6)	2517	22.2 (17.8, 27.2)	1763	23.8 (20.2, 27.7)	1454	25.2 (20.3, 30.9)
Other	770	7.9 (5.5, 11.2)	774	9.0 (7.0, 11.4)	692	8.8 (7.1, 10.8)	822	10.1 (7.9, 12.7)	839	10.0 (8.6, 11.6)	714	10.4 (7.6, 14.1)
Female												
White, NH	3422	57.0 (51.3, 62.4)	3018	56.7 (50.8, 62.4)	2602	55.0 (47.5, 62.4)	3452	55.5 (49.3, 61.6)	3239	54.4 (48.4, 60.2)	3395	50.8 (46.1, 55.4)
Black or AA, NH	1450	14.9 (12.4, 17.8)	1429	14.4 (11.7, 17.6)	1492	14.6 (10.9, 19.3)	818	13.1 (11.2, 15.2)	1441	13.3 (10.9, 16.2)	1022	11.7 (9.5, 14.3)
Hispanic or Latino	2429	19.2 (16.5, 22.2)	2345	19.9 (16.3, 24.0)	1660	21.3 (17.0, 26.4)	2541	22.3 (17.6, 27.8)	1844	21.8 (18.0, 26.3)	1545	27.0 (22.8, 31.6)
Other	852	8.9 (5.9, 13.3)	765	9.0 (7.0, 11.5)	731	9.1 (7.2, 11.3)	788	9.1 (6.8, 12.1)	871	10.5 (8.8, 12.5)	753	10.5 (8.0, 13.8)

Abbreviations: CI, confidence interval; NH, non-Hispanic; AA, African American

^aWeighted %