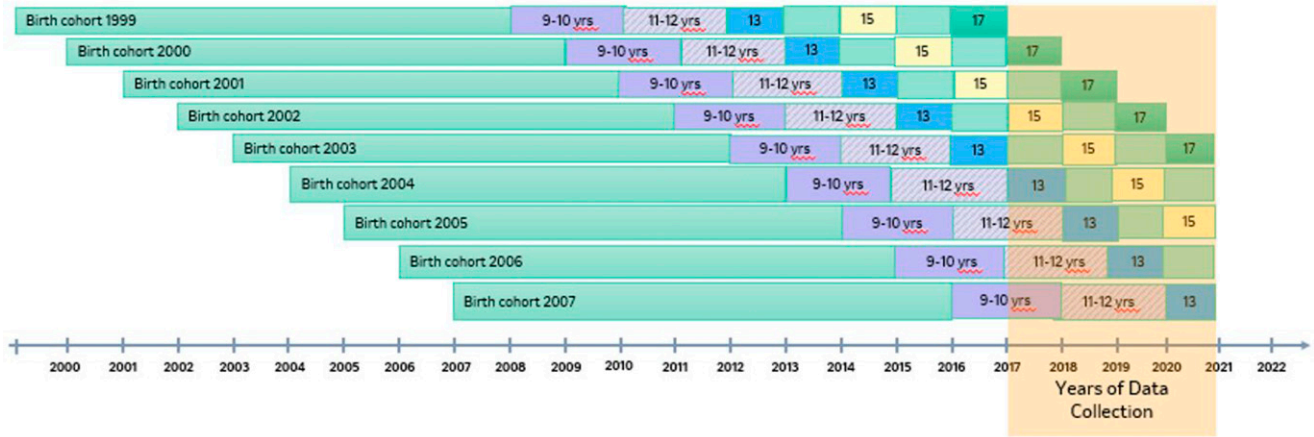


Supplemental Information



SUPPLEMENTAL FIGURE 3

Accelerated longitudinal design approach. NIS-Teen 2017–2020 contain data from individuals in birth cohorts 1999–2007. The accelerated longitudinal design approach uses a subjects age rather than study year the age was reached to organize data into birth cohorts.

SUPPLEMENTAL TABLE 5 Birth Cohort Potential Age at Time of Interview for the 2017–2020 NIS-Teen Surveys

Study Year	Birth Cohort								
	1999	2000	2001	2002	2003	2004	2005	2006	2007
2017	17	17/16	16/15	15/14	14/13	13			
2018		17	17/16	16/15	15/14	14/13	13		
2019			17	17/16	16/15	15/14	14/13	13	
2020				17	17/16	16/15	15/14	14/13	13

The public use data sets do not contain birthdate but do provide participant age at time of the interview.

SUPPLEMENTAL TABLE 6 Birth Cohort Assignment by Year of Data Collection

Study Year	Birth Cohort								
	1999	2000	2001	2002	2003	2004	2005	2006	2007
2017		17 ^{a,b}	16 ^b	15 ^b	14	13			
2018			17 ^b	16 ^b	15 ^b	14	13		
2019				17 ^b	16 ^b	15 ^b	14	13	
2020					17 ^b	16 ^b	15 ^b	14	13

^aIncludes 17 y olds from birth cohort 1999 and birth cohort 2000. ^bAges meeting inclusion criteria.

Only birth cohorts 1999–2005 were included as these birth cohorts were at least 15 years old at the time of data collection.

SUPPLEMENTAL TABLE 7 Unweighted Stepwise Logistic Regression

	Step 1				Step 2			
	Exp(B)	Lower 95% CI	Upper 95% CI	Sig.	Exp(B)	Lower 95% CI	Upper 95% CI	Sig.
Series completion at age 13								
Male	0.811	0.763	0.861	<0.001	0.855	0.803	0.909	<0.001
Birth cohort				<0.001				<0.001
2001	1.071	0.912	1.257	0.402	1.067	0.904	1.260	0.443
2002	1.219	1.048	1.417	0.010	1.222	1.045	1.429	0.012
2003	1.379	1.188	1.600	<0.001	1.414	1.211	1.650	<0.001
2004	1.953	1.679	2.272	<0.001	2.052	1.755	2.399	<0.001
2005	3.079	2.623	3.615	<0.001	3.365	2.852	3.970	<0.001
Race/ethnicity				<0.001				<0.001
Non-Hispanic Black	0.899	0.801	1.009	0.071	0.843	0.748	0.951	0.005
Hispanic	1.264	1.159	1.378	<0.001	1.199	1.097	1.312	<0.001
Other	1.077	0.976	1.189	0.138	1.087	0.983	1.203	0.103
Region				0.011				0.035
Midwest	0.959	0.870	1.058	0.405	0.931	0.842	1.029	0.161
South	1.076	0.986	1.174	0.101	1.032	0.944	1.129	0.486
West	0.952	0.866	1.047	0.311	0.928	0.841	1.023	0.132
Insurance				<0.001				0.002
Medicaid	1.110	1.015	1.213	0.022	1.088	0.992	1.193	0.073
Other	1.062	0.945	1.193	0.312	1.024	0.908	1.156	0.694
Uninsured	0.787	0.657	0.944	0.010	0.774	0.641	0.934	0.008
Maternal education				<0.001				<0.001
<12 y	1.221	1.086	1.373	<0.001	1.183	1.048	1.336	0.007
12 y	1.092	0.990	1.204	0.077	1.053	0.952	1.165	0.318
>12<coll	0.941	0.868	1.019	0.135	0.925	0.852	1.005	0.064
Income to poverty ratio <150%	0.942	0.859	1.033	0.202	0.893	0.811	0.982	0.020
Top quintile % rural	1.009	0.926	1.100	0.835	1.020	0.933	1.114	0.664
Top quintile % urban	0.854	0.782	0.932	<0.001	0.839	0.767	0.919	<0.001
Facility				0.002				<0.001
Public	0.834	0.754	0.922	<0.001	0.818	0.737	0.907	<0.001
Hospital/STD/ school/other	0.998	0.911	1.093	0.961	0.988	0.900	1.085	0.804
Mixed/unknown	0.999	0.927	1.076	0.970	0.999	0.925	1.079	0.978
Initiate early					6.679	5.900	7.561	<0.001
Series completion at age 15								
Male	0.857	0.794	0.926	<0.001	0.880	0.815	0.951	0.001
Birth cohort				<0.001				<0.001
2001	1.081	0.913	1.280	0.363	1.078	0.910	1.278	0.383
2002	1.365	1.162	1.604	<0.001	1.364	1.160	1.604	<0.001
2003	1.915	1.625	2.256	<0.001	1.926	1.633	2.271	<0.001
2004	1.993	1.681	2.363	<0.001	2.009	1.694	2.383	<0.001
2005	2.398	1.975	2.912	<0.001	2.442	2.009	2.967	<0.001
Race/ethnicity				0.116				0.070
Non-Hispanic Black	0.903	0.785	1.039	0.153	0.888	0.772	1.022	0.097
Hispanic	1.001	0.896	1.118	0.985	0.977	0.874	1.092	0.682
Other	1.117	0.981	1.272	0.094	1.120	0.983	1.275	0.089
Region				<0.001				<0.001
Midwest	0.606	0.526	0.698	<0.001	0.598	0.519	0.689	<0.001
South	0.476	0.419	0.540	<0.001	0.465	0.410	0.528	<0.001
West	0.477	0.417	0.546	<0.001	0.471	0.412	0.540	<0.001
Insurance				<0.001				<0.001
Medicaid	1.038	0.926	1.162	0.524	1.029	0.919	1.153	0.619
Other	0.857	0.743	0.990	0.036	0.845	0.732	0.977	0.023
Uninsured	0.582	0.480	0.705	<0.001	0.580	0.478	0.703	<0.001
Maternal education				<0.001				<0.001
<12 y	0.875	0.754	1.016	0.079	0.860	0.741	0.999	0.049
12 y	0.794	0.702	0.899	<0.001	0.781	0.690	0.884	<0.001
>12<coll	0.723	0.655	0.800	<0.001	0.719	0.650	0.795	<0.001

SUPPLEMENTAL TABLE 7 Continued

	Step 1				Step 2			
	Exp(B)	Lower 95% CI	Upper 95% CI	Sig.	Exp(B)	Lower 95% CI	Upper 95% CI	Sig.
Income to poverty ratio <150%	0.928	0.829	1.040	0.199	0.911	0.813	1.021	0.110
Top quintile percent rural	0.856	0.769	0.953	0.004	0.860	0.773	0.958	0.006
Top quintile percent urban	0.978	0.874	1.096	0.706	0.974	0.869	1.091	0.644
Facility				<0.001				<0.001
Public	0.638	0.567	0.717	<0.001	0.635	0.564	0.714	<0.001
Hospital/STD/school/other	0.944	0.835	1.067	0.357	0.941	0.833	1.064	0.335
Mixed/unknown	0.796	0.724	0.876	<0.001	0.795	0.722	0.874	<0.001
Initiate early					2.664	2.196	3.231	<0.001
Series completion within 3 years								
Male	0.935	0.864	1.013	0.099	0.933	0.861	1.010	0.088
Birth cohort				<0.001				<0.001
2001	1.060	0.882	1.274	0.533	1.061	0.882	1.275	0.531
2002	1.140	0.958	1.358	0.140	1.141	0.958	1.358	0.139
2003	1.408	1.181	1.678	<0.001	1.407	1.180	1.678	<0.001
2004	1.469	1.225	1.761	<0.001	1.468	1.224	1.760	<0.001
2005	1.685	1.375	2.065	<0.001	1.683	1.373	2.062	<0.001
Race/ethnicity				0.057				0.060
Non-Hispanic Black	0.907	0.786	1.048	0.184	0.908	0.787	1.049	0.191
Hispanic	0.983	0.878	1.102	0.774	0.986	0.880	1.104	0.803
Other	1.154	1.008	1.322	0.038	1.154	1.008	1.321	0.038
Region				<0.001				<0.001
Midwest	0.541	0.464	0.631	<0.001	0.542	0.465	0.632	<0.001
South	0.388	0.338	0.446	<0.001	0.389	0.339	0.447	<0.001
West	0.394	0.340	0.456	<0.001	0.394	0.341	0.457	<0.001
Insurance				<0.001				<0.001
Medicaid	0.987	0.878	1.109	0.822	0.988	0.879	1.110	0.833
Other	0.853	0.735	0.990	0.037	0.854	0.736	0.991	0.038
Uninsured	0.588	0.484	0.716	<0.001	0.588	0.483	0.716	<0.001
Maternal education				<0.001				<0.001
<12 y	0.771	0.661	0.898	<0.001	0.772	0.662	0.899	<0.001
12 y	0.690	0.608	0.783	<0.001	0.691	0.608	0.784	<0.001
>12<coll	0.657	0.592	0.729	<0.001	0.657	0.592	0.729	<0.001
Income to poverty ratio <150%	0.943	0.840	1.059	0.320	0.945	0.841	1.060	0.333
Top quintile percent rural	0.833	0.747	0.930	0.001	0.833	0.746	0.930	0.001
Top quintile percent urban	1.038	0.922	1.169	0.540	1.038	0.922	1.170	0.535
Facility				<0.001				<0.001
Public	0.588	0.522	0.663	<0.001	0.588	0.522	0.663	<0.001
Hospital/STD/ school/other	0.948	0.834	1.079	0.420	0.949	0.834	1.079	0.423
Mixed/unknown	0.771	0.698	0.851	<0.001	0.771	0.698	0.851	<0.001
Initiate early					0.936	0.810	1.081	0.366

Reference groups: sex = female, birth cohort = 2000, race/ethnicity = non-Hispanic white, region = Northeast, insurance status = private, maternal education = college, facility = private.

STD, sexually transmitted disease.