Battle's Quantitative Methods

National Center for Education Statistics
High School Longitudinal Study
Abridged Codebook
(2009 – 2016)
juanbattle.com/data

KEY:

X = Composite
S = Student instrument
P = Parent instrument
C = Counselor instrument

1 = 9th Grade 2009
2 = 11th Grade 2012
3 = HS Transcript 2013
4 = 3 years post-HS 2016

STU_ID

		Value
Standard Attributes	Label	Student ID

Demographic Variables

X1SEX:

X1 Student's sex

		Value	Count	Percent
Labeled Values	1	Male	11973	50.9%
	2	Female	11524	49.0%
N		Valid	23497	
		Missing	6	

X1RACE:

X1 Student's race/ethnicity-composite

	Value	Count	Percent
0	No bio/adoptive/step-parent in household	0	0.0%
1	Amer. Indian/Alaska Native, non-Hispanic	165	0.7%
2	Asian, non-Hispanic	1952	8.3%
3	Black/African-American, non-Hispanic	2450	10.4%
4	Hispanic, no race specified	422	1.8%
5	Hispanic, race specified	3375	14.4%
6	More than one race, non-Hispanic	1941	8.3%
7	Native Hawaiian/Pacific Islander, non-Hispanic	110	0.5%
8	White, non-Hispanic	12082	51.4%
	Valid	22497	
	Missing	1006	

X1DUALLANG:

X1 Student dual-first language indicator

		Value	Count	Percent
Labeled	1	First language is English only	17863	76.0%
Values	2	First language is a non-English language only	2201	9.4%
	3	First language is English and non-English equally	1355	5.8%
		Valid	21419	
		Missing	2084	

P1USBORN9:

P1 B17 Whether student was born in the U.S.

	Value	Count	Percent
1	United States	14683	62.5%
2	Puerto Rico or another U.S. territory	62	0.3%
3	Another country	1239	5.3%
N	Valid	15984	
	Missing	7519	

P1USYR9:

P1 B19 Year student came to the U.S. to stay

		Value	Count	Percent
N	Valid		1262	
	Missing		22241	

X1IEPFLAG:

X1 Individualized Education Plan

		Value	Count	Percent
Labeled	0	Student has no IEP	8115	34.5%
Values	1	Student has an IEP	2069	8.8%
		Valid	10184	
		Missing	13319	

X1FAMINCOME:

X1 Total family income from all sources 2008

		Value	Count	Percent
Labeled	1	Family income less than or equal to $15,000	1570	6.7%
Values	2	Family income > $15,000 and <= $35,000	3043	12.9%
	3	Family income > $35,000 and <= $55,000	2762	11.8%
	4	Family income > $55,000 and <= $75,000	2514	10.7%
	5	Family income > $75,000 and <= $95,000	1855	7.9%
	6	Family income > $95,000 and <= $115,000	1484	6.3%
	7	Family income > $115,000 and <= $135,000	964	4.1%
	8	Family income > $135,000 and <= $155,000	741	3.2%
	9	Family income > $155,000 and <=$175,000	367	1.6%
	10	Family income > $175,000 and <= $195,000	237	1.0%
	11	Family income > $195,000 and <= $215,000	316	1.3%
	12	Family income > $215,000 and <= $235,000	116	0.5%
	13	Family income > $235,000	792	3.4%
		Valid	16761	
		Missing	6742	

X1POVERTY:

X1 Poverty indicator (relative to 100% of Census poverty threshold)

		Value	Count	Percent
Labeled	0	At or above poverty threshold	14062	59.8%
Values	1	Below poverty threshold	2671	11.4%
		Valid	16733	
		Missing	6770	

X1POVERTY130:

X1 Poverty indicator (relative to 130% of Census poverty threshold)

		Value	Count	Percent
Labeled	0	At or above 130% poverty threshold	13067	55.6%
Values	1	Below 130% poverty threshold	3666	15.6%
N		Valid	16733	
		Missing	6770	

X1POVERTY185:

X1 Poverty indicator (relative to 185% of Census poverty threshold)

		Value	Count	Percent
Labeled	0	At or above 185% poverty threshold	11175	47.5%
Values	1	Below 185% poverty threshold	5558	23.6%
N		Valid	16733	
		Missing	6770	

X1SES:

X1 Socio-economic status composite

		Value	Count	Percent
N	Valid	-1.93 – 2.88	21444	
	Missing		2059	

X1SESQ5:

X1 Quintile coding of X1SES composite

		Value	Count	Percent
Labeled Values	1	First quintile (lowest)	3434	14.6%
	2	Second quintile	3705	15.8%
	3	Third quintile	4233	18.0%
	4	Fourth quintile	4553	19.4%
	5	Fifth quintile (highest)	5519	23.5%
N		Valid	21444	
		Missing	2059	

X4INCOMECAT:

X4 Respondent's income - categorical form

		Value	Count	Percent
Labeled Values	1	No income	2125	9.0%
	2	$1,000 or less	1465	6.2%
	3	$1,001-$2,500	1612	6.9%
	4	$2,501-$5,000	2488	10.6%
	5	$5,001-$10,000	3335	14.2%
	6	$10,001-$15,000	2314	9.8%
	7	$15,001-$20,000	1508	6.4%
	8	$20,001-$25,000	1058	4.5%
	9	$25,001-$30,000	599	2.5%
	10	$30,001-$35,000	315	1.3%
	11	$35,001-$45,000	263	1.1%
	12	$45,001-$55,000	143	0.6%
	13	$55,001 and above	110	0.5%
		Valid	17335	
		Missing	6168	

S4MARITALSTAT:

S4 D04 Marital status

		Value	Count	Percent
1		Single and never married	14644	62.3%
2		Married	757	3.2%
3		Separated/divorced/widowed	87	0.4%
6		Live in marriage-like relationship	1545	6.6%
		Valid	17033	
		Missing	6470	

X4CHILDNUM:

X4 Number of children

		Value	Count	Percent
N	Valid	0-3	16796	
	Missing		6707	

X4PARDATE:

X4 Date first became parent

		Value	Count	Percent
Labeled	2011	2011	167	11.8
Values	2012	2012	169	12
	2013	2013	269	19
	2014	2014	368	26
	2015	2015	383	27.1
	2016	2016	58	4.1
		Valid	1414	
		Missing	22089	

S4GOVTBEN:

S4 D27 Household received government benefits

		Value	Count	Percent
Labeled Values	0	No	12766	54.3%
	1	Yes	2531	10.8%
N		Valid	15297	
		Missing	8206	

Family Composition

X1PAREDU:

X1 Parents'/guardians' highest level of education

		Value	Count	Percent
Labeled	1	Less than high school	1010	4.3%
Values	2	High school diploma or GED	5909	25.1%
	3	Associate's degree	2549	10.8%
	4	Bachelor's degree	4102	17.5%
	5	Master's degree	2116	9.0%
	7	Ph.D/M.D/Law/other high lvl prof degree	1096	4.7%
	N	Valid	16782	
		Missing	6721	

X1PARPATTERN:

X1 P1-P2 relationship pattern

		Value	Count	Percent
Labeled	1	Two bio/adoptive parents	10156	43.2%
Values	2	Bio/adoptive mother and other guardian	2106	9.0%
	4	Bio/adoptive father and other guardian	499	2.1%
	6	Two other guardians	275	1.2%
	7	Bio/adoptive mother only	2788	11.9%
	8	Bio/adoptive father only	477	2.0%
	9	Other female guardian only	191	0.8%
	10	Other male guardian only	35	0.1%
	11	Student lives with P1/P2 less than half the time	241	1.0%
		Valid	16768	
		Missing	6735	

P2MARSTAT:

P2 A13 Parent 1's marital status

		Value	Count	Percent
Labeled Values	1	Married	5706	24.3%
	2	Living in domestic partnership	161	0.7%
	3	Divorced	1097	4.7%
	4	Separated	302	1.3%
	5	Single, never married	633	2.7%
	6	Widowed	198	0.8%
		Valid	8097	
		Missing	15406	

P1MARSTAT:

P1 A07 Parent 1's marital status

		Value	Count	Percent
Labeled Values	1	Married	12497	53.2%
	2	Divorced	2115	9.0%
	3	Separated	534	2.3%
	4	Never Married	999	4.3%
	5	Widowed	301	1.3%
		Valid	16446	
		Missing	7057	

S4PARDIVORCE:

S4 D46A Parents/guardians got divorced/separated between HS and Feb 2016

	Value	Count	Percent
0	No	13777	58.6%
1	Yes	1573	6.7%
	Valid	15350	
	Missing	8153	

X1MOMEDU:

X1 Mother's/female guardian's highest level of education

		Value	Count	Percent
Labeled Values	0	No bio/adoptive/step-mother in household	1156	4.9%
	1	Less than high school	1284	5.5%
	2	High school diploma or GED	6341	27.0%
	3	Associate's degree	2519	10.7%
	4	Bachelor's degree	3688	15.7%
	5	Master's degree	1366	5.8%
	7	Ph.D/M.D/Law/other high lvl prof degree	430	1.8%
		Valid	16784	
		Missing	6719	

X1MOMOCC2:

X1 Mother/female guardian's current/most recent occupation: 2-digit ONET code

		Value	Count	Percent
Labeled Values	0	No bio/adoptive/step-mother in household	1156	4.9%
	11	Management Occupations	1820	7.7%
	13	Business and Financial Operations Occupations	752	3.2%
	15	Computer and Mathematical Occupations	259	1.1%
	17	Architecture and Engineering Occupations	100	0.4%
	19	Life, Physical, and Social Science Occupations	157	0.7%
	21	Community and Social Services Occupations	336	1.4%
	23	Legal Occupations	183	0.8%
	25	Education, Training, and Library Occupations	1707	7.3%
	27	Arts, Design, Entertainment, Sports, and Media Occupations	242	1.0%
	29	Healthcare Practitioners and Technical Occupations	1527	6.5%
	31	Healthcare Support Occupations	751	3.2%
	33	Protective Service Occupations	119	0.5%
	35	Food Preparation and Serving Related Occupations	686	2.9%
	37	Building and Grounds Cleaning and Maintenance Occupations	381	1.6%
	39	Personal Care and Service Occupations	718	3.1%
	41	Sales and Related Occupations	1130	4.8%
	43	Office and Administrative Support Occupations	2712	11.5%
	45	Farming, Fishing, and Forestry Occupations	85	0.4%
	47	Construction and Extraction Occupations	63	0.3%
	49	Installation, Maintenance, and Repair Occupations	74	0.3%
	51	Production Occupations	751	3.2%
	53	Transportation and Material Moving Occupations	305	1.3%
	55	Military Specific Occupations	28	0.1%
	99	Uncodeable	3	0.0%
		Valid	16045	
		Missing	7458	

X1DADEDU:

X1 Father's/male guardian's highest level of education

		Value	Count	Percent
Labeled Values	0	No bio/adoptive/step-father in household	3721	15.8%
	1	Less than high school	1205	5.1%
	2	High school diploma or GED	5413	23.0%
	3	Associate's degree	1493	6.4%
	4	Bachelor's degree	2911	12.4%
	5	Master's degree	1221	5.2%
	7	Ph.D/M.D/Law/other high lvl prof degree	820	3.5%
N		Valid	16784	
		Missing	6719	

X1DADOCC2:

X1 Father/male guardian's current/most recent occupation: 2-digit ONET code

		Value	Count	Percent
Labeled Values	0	No bio/adoptive/step-father in household	3721	15.8%
	11	Management Occupations	2516	10.7%
	13	Business and Financial Operations Occupations	540	2.3%
	15	Computer and Mathematical Occupations	479	2.0%
	17	Architecture and Engineering Occupations	593	2.5%
	19	Life, Physical, and Social Science Occupations	180	0.8%
	21	Community and Social Services Occupations	182	0.8%
	23	Legal Occupations	182	0.8%
	25	Education, Training, and Library Occupations	361	1.5%
	27	Arts, Design, Entertainment, Sports, and Media Occupations	171	0.7%
	29	Healthcare Practitioners and Technical Occupations	555	2.4%
	31	Healthcare Support Occupations	80	0.3%
	33	Protective Service Occupations	436	1.9%
	35	Food Preparation and Serving Related Occupations	233	1.0%
	37	Building and Grounds Cleaning and Maintenance Occupations	291	1.2%
	39	Personal Care and Service Occupations	100	0.4%
	41	Sales and Related Occupations	788	3.4%
	43	Office and Administrative Support Occupations	436	1.9%
	45	Farming, Fishing, and Forestry Occupations	188	0.8%
	47	Construction and Extraction Occupations	1203	5.1%
	49	Installation, Maintenance, and Repair Occupations	1002	4.3%
	51	Production Occupations	1245	5.3%
	53	Transportation and Material Moving Occupations	964	4.1%
	55	Military Specific Occupations	155	0.7%
	98	Don't know	0	0.0%
	99	Uncodeable	3	0.0%
N		Valid	16604	
		Missing	6899	

P1USBORN1:

P1 B06 Parent 1 was born in U.S.

		Value	Count	Percent
Labeled Values	1	United States	12631	53.7%
	2	Puerto Rico or another U.S. territory	128	0.5%
	3	Another country	3228	13.7%
N		Valid	15987	
		Missing	7516	

P1USBORN2:

P1 B14 Parent 2 was born in U.S.

		Value	Count	Percent
Labeled Values	1	United States	9639	41.0%
	2	Puerto Rico or another U.S. territory	96	0.4%
	3	Another country	2859	12.2%
N		Valid	12594	
		Missing	10909	

P1HOMELANG:

P1 B21 Language other than English is regularly spoken in home

		Value	Count	Percent
Labeled Values	0	No	12481	53.1%
	1	Yes	3504	14.9%
N		Valid	15985	
		Missing	7518	

P2SIBNUM:

P2 A15 Number of siblings

		Value	Count	Percent
N	Valid	1-10	8088	
	Missing		15415	

P1OWNHOME:

P1 C19 Home is owned, rented or other arrangement

		Value	Count	Percent
Labeled Values	1	Pay mortgage towards or own your home	11798	50.2%
	2	Rent your home	3183	13.5%
	3	Have some other arrangement	709	3.0%
N		Valid	15690	
		Missing	7813	

Academic Outcomes

X1TXMTH:

X1 Mathematics theta score

		Value	Count	Percent
N	Valid	-2.58 – 3.03	21444	
	Missing		2059	

X1TXMQUINT:

X1 Mathematics quintile score

		Value	Count	Percent
Labeled values	1	First (lowest) quintile	3666	15.6%
	2	Second quintile	3904	16.6%
	3	Third (middle) quintile	4323	18.4%
	4	Fouth quintile	4647	19.8%
	5	Fifth (highest) quintile	4904	20.9%
N		Valid	21444	
		Missing	2059	

X2TXMTH:

X2 Mathematics theta score

		Value	Count	Percent
N	Valid	-2.6 – 4.5	20594	
	Missing		2909	

X2TXMQUINT:

X2 Mathematics quintile score

		Value	Count	Percent
Valid Values	1	First (lowest) quintile	3359	14.3%
	2	Second quintile	3706	15.8%
	3	Third (middle) quintile	3975	16.9%
	4	Fourth quintile	4491	19.1%
	5	Fifth (highest) quintile	5063	21.5%
N		Valid	23503	
		Missing	2909	

X3PROGLEVEL:

X3 Degree program level

		Value	Count	Percent
Labeled Values	1	Bachelor's degree program	6568	27.9%
	2	University transfer Associate's degree program	3538	15.1%
	3	Other Associate's degree program	513	2.2%
	4	Certificate or diploma program (occupational training)	554	2.4%
	5	No program, just taking courses	752	3.2%
	6	Other	255	1.1%
	7	Don't know	1183	5.0%
N		Valid	13363	
		Missing	10140	

X3CLGANDWORK:

X3 Attend college and work status

		Value	Count	Percent
Labeled Values	1	Both Postsecondary classes and working/apprenticing	6571	28.0%
	2	Postsecondary classes only	4803	20.4%
	3	Working/apprenticing only	2375	10.1%
	4	Neither taking classes nor working/apprenticing	805	3.4%
	5	Undecided or not known	4004	17.0%
N		Valid	18558	
		Missing	4945	

X3TGPAENG:

X3 GPA: English

		Value	Count	Percent
N	Valid	.25 – 4.00	21764	
	Missing		1739	

X3TGPAMAT:

X3 GPA: mathematics

		Value	Count	Percent
N	Valid	.25 – 4.00	21761	
	Missing		1742	

X3TGPASCI:

X3 GPA: science

		Value	Count	Percent
N	Valid	.25-4.0	21678	
	Missing		1825	

X3TGPASOCST:

X3 GPA: social studies

		Value	Count	Percent
N	Valid	.25-4.0	21574	
	Missing		1929	

X3TGPALANG:

X3 GPA: foreign language

		Value	Count	Percent
N	Valid	.25-4.0	18100	
	Missing		5403	

X3TGPAHELPE:

X3 GPA: personal health and physical education

		Value	Count	Percent
N	Valid	.25 - 4.0	20905	
	Missing		2598	

X3TGPAACAD:

X3 GPA for all academic courses

		Value	Count	Percent
N	Valid	.25-4.0	21858	
	Missing		1645	

X3TGPAWGT:

X3 Overall GPA computed, honors-weighted

		Value	Count	Percent
N	Valid	.25-4.0	21876	
	Missing		1627	

X4EVERDROP:

X4 Ever dropped out of high school

		Value	Count	Percent
Labeled	0	No	14618	62.2%
Values	1	Yes	2714	11.5%
		Valid	17332	
		Missing	6171	

X4RFDGMJ123:

X4 Reference degree major - 23 categories

		Value	Count	Percent
Labeled Values	0	Undecided	0	0.0%
	1	Computer and information sciences	479	2.0%
	2	Engineering and engineering technology	941	4.0%
	3	Biological and physical science, science tech	1038	4.4%
	4	Mathematics	91	0.4%
	5	Agriculture and natural resources	252	1.1%
	6	General studies and other	237	1.0%
	7	Social sciences	572	2.4%
	8	Psychology	543	2.3%
	9	Humanities	673	2.9%
	10	History	107	0.5%
	11	Personal and consumer services	525	2.2%
	12	Manufacturing, construction, repair, transportation	347	1.5%
	13	Military technology and protective services	435	1.9%
	14	Health care fields	1856	7.9%
	15	Business	1876	8.0%
	16	Education	658	2.8%
	17	Architecture	51	0.2%
	18	Communications	458	1.9%
	19	Public administration and human services	164	0.7%
	20	Design and applied arts	167	0.7%
	21	Law and legal studies	62	0.3%
	22	Library sciences	0	0.0%
	23	Theology and religious vocations	28	0.1%
		Valid	11560	
		Missing	11943	

X4OCCFB2:

X4 February 2016 occupation: 2-digit ONET-SOC code

		Value	Count	Percent
Labeled Values	11	Management Occupations	389	1.7%
	13	Business and Financial Operations Occupations	189	0.8%
	15	Computer and Mathematical Occupations	150	0.6%
	17	Architecture and Engineering Occupations	108	0.5%
	19	Life, Physical, and Social Science Occupations	128	0.5%
	21	Community and Social Services Occupations	101	0.4%
	23	Legal Occupations	0	0.0%
	25	Education, Training, and Library Occupations	482	2.1%
	27	Arts, Design, Entertainment, Sports, and Media Occupations	372	1.6%
	29	Healthcare Practitioners and Technical Occupations	227	1.0%
	31	Healthcare Support Occupations	433	1.8%
	33	Protective Service Occupations	187	0.8%
	35	Food Preparation and Serving Related Occupations	1938	8.2%
	37	Building and Grounds Cleaning and Maintenance Occupations	295	1.3%
	39	Personal Care and Service Occupations	823	3.5%
	41	Sales and Related Occupations	1885	8.0%
	43	Office and Administrative Support Occupations	1365	5.8%
	45	Farming, Fishing, and Forestry Occupations	94	0.4%
	47	Construction and Extraction Occupations	377	1.6%
	49	Installation, Maintenance, and Repair Occupations	342	1.5%
	51	Production Occupations	635	2.7%
	53	Transportation and Material Moving Occupations	490	2.1%
	55	Military Specific Occupations	180	0.8%
	97	Don't know	0	0.0%
	98	Not planning to work at age 30	0	0.0%
	99	Uncodeable	43	0.2%
		Valid	11233	
		Missing	12270	

Attainment Expectations

X1STUEDEXPCT:

X1 How far in school 9th grader thinks he/she will get

		Value	Count	Percent
Labeled	1	Less than high school	93	0.4%
Values	2	High school diploma or GED	2619	11.1%
	3	Start an Associate's degree	140	0.6%
	4	Complete an Associate's degree	1195	5.1%
	5	Start a Bachelor's degree	115	0.5%
	6	Complete a Bachelor's degree	3505	14.9%
	7	Start a Master's degree	231	1.0%
	8	Complete a Master's degree	4278	18.2%
	9	Start Ph.D/M.D/Law/other prof degree	176	0.7%
	10	Complete Ph.D/M.D/Law/other prof degree	4461	19.0%
	11	Don't know	4631	19.7%
N		Valid	21444	
		Missing	2059	

X1PAREDEXPCT:

X1 How far in school parent thinks 9th grader will go

		Value	Count	Percent
Labeled	1	Less than high school	55	0.2%
Values	2	High school diploma or GED	1293	5.5%
	3	Start an Associate's degree	149	0.6%
	4	Complete an Associate's degree	1199	5.1%
	5	Start a Bachelor's degree	133	0.6%
	6	Complete a Bachelor's degree	4952	21.1%
	7	Start a Master's degree	76	0.3%
	8	Complete a Master's degree	3355	14.3%
	9	Start Ph.D/M.D/Law/other prof degree	37	0.2%
	10	Complete Ph.D/M.D/Law/other prof degree	3782	16.1%
	11	Don't know	1725	7.3%
		Valid	16756	
		Missing	6747	

X2STUEDEXPCT:

X2 How far in school sample member thinks he/she will get

		Value	Count	Percent
Labeled Values	1	Less than high school completion	115	0.5%
	2	Complete HS diploma/GED/alternative HS credential	1726	7.3%
	3	Start, but not complete certificate/diploma from school providing occ training	106	0.5%
	4	Complete certificate/diploma from school providing occupational training	1039	4.4%
	5	Start, but not complete Associate's degree	167	0.7%
	6	Complete Associate's degree	1836	7.8%
	7	Start, but not complete Bachelor's degree	239	1.0%
	8	Complete Bachelor's degree	5492	23.4%
	9	Start, but not complete Master's degree	311	1.3%
	10	Complete Master's degree	4362	18.6%
	11	Start, but not complete Ph.D./M.D./law degree/high level professional degree	170	0.7%
	12	Complete Ph.D./M.D./law degree/other high level professional degree	2925	12.4%
	13	Don't know	2106	9.0%
N		Valid	20594	
		Missing	2909	

X2PAREDEXPCT:

X2 How far in school parent thinks sample member will go

		Value	Count	Percent
Labeled Values	1	Less than high school completion	168	0.7%
	2	Complete HS diploma/GED/alternative HS credential	1398	5.9%
	3	Start, but not complete certificate/diploma from school providing occ training	69	0.3%
	4	Complete certificate/diploma from school providing occupational training	1075	4.6%
	5	Start, but not complete Associate's degree	160	0.7%
	6	Complete Associate's degree	1566	6.7%
	7	Start, but not complete Bachelor's degree	245	1.0%
	8	Complete Bachelor's degree	6325	26.9%
	9	Start, but not complete Master's degree	141	0.6%
	10	Complete Master's degree	3967	16.9%
	11	Start, but not complete Ph.D./M.D./law degree/high level professional degree	170	0.7%
	12	Complete Ph.D./M.D./law degree/other high level professional degree	3306	14.1%
	13	Don't know	2329	9.9%
	N	Valid	20919	
		Missing	2584	

9th Grader's Math Attitudes

S1MPERSON1:

S1 C01A 9th grader sees himself/herself as a math person

		Value	Count	Percent
Labeled Values	1	Strongly agree	3276	13.9%
	2	Agree	8035	34.2%
	3	Disagree	6419	27.3%
	4	Strongly disagree	3617	15.4%
N		Valid	21347	
		Missing	2156	

S1MPERSON2:

S1 C01B Others see 9th grader as a math person

		Value	Count	Percent
Labeled Values	1	Strongly agree	2911	12.4%
	2	Agree	8547	36.4%
	3	Disagree	6508	27.7%
	4	Strongly disagree	3217	13.7%
N		Valid	21183	
		Missing	2320	

S1MUNDERST:

S1 C02 How often 9th grader thinks he/she really understands math assignments

		Value	Count	Percent
Labeled Values	1	Never	440	1.9%
	2	Rarely	1679	7.1%
	3	Sometimes	7447	31.7%
	4	Often	11775	50.1%
N		Valid	21341	
		Missing	2162	

S1MENJOYING:

S1 C06A 9th grader is enjoying fall 2009 math course very much

		Value	Count	Percent
Labeled Values	1	Strongly agree	3362	14.3%
	2	Agree	9321	39.7%
	3	Disagree	4855	20.7%
	4	Strongly disagree	1542	6.6%
	N	Valid	19080	
		Missing	4423	

S1MTESTS:

S1 C08A 9th grader confident can do excellent job on fall 2009 math tests

		Value	Count	Percent
Labeled Values	1	Strongly agree	4571	19.4%
	2	Agree	10152	43.2%
	3	Disagree	3644	15.5%
	4	Strongly disagree	682	2.9%
	N	Valid	19049	
		Missing	4454	

S1MTEXTBOOK:

S1 C08B 9th grader certain can understand fall 2009 math textbook

		Value	Count	Percent
Labeled Values	1	Strongly agree	3122	13.3%
	2	Agree	8821	37.5%
	3	Disagree	5745	24.4%
	4	Strongly disagree	1318	5.6%
		Valid	19006	
		Missing	4497	

S1MSKILLS:

S1 C08C 9th grader certain can master skills in fall 2009 math course

		Value	Count	Percent
Labeled Values	1	Strongly agree	4274	18.2%
	2	Agree	10707	45.6%
	3	Disagree	3387	14.4%
	4	Strongly disagree	608	2.6%
N		Valid	18976	
		Missing	4527	

S1MASSEXCL:

S1 C08D 9th grader confident can do excellent job on fall 2009 math assignments

		Value	Count	Percent
Labeled Values	1	Strongly agree	5032	21.4%
	2	Agree	10713	45.6%
	3	Disagree	2629	11.2%
	4	Strongly disagree	552	2.3%
N		Valid	18926	
		Missing	4577	

9ᵗʰ Grader's Science Attitudes

S1SPERSON1:

S1 D01A 9th grader sees himself/herself as a science person

		Value	Count	Percent
Labeled Values	1	Strongly agree	2148	9.1%
	2	Agree	7057	30.0%
	3	Disagree	8038	34.2%
	4	Strongly disagree	4087	17.4%
N		Valid	21330	
		Missing	2173	

S1SPERSON2:

S1 D01B Others see 9th grader as a science person

		Value	Count	Percent
Labeled Values	1	Strongly agree	1522	6.5%
	2	Agree	6665	28.4%
	3	Disagree	8834	37.6%
	4	Strongly disagree	4117	17.5%
		Valid	21138	
		Missing	2365	

S1SUNDERST:

S1 D02 How often 9th grader thinks he/she really understands science assignments

		Value	Count	Percent
Labeled Values	1	Never	603	2.6%
	2	Rarely	2194	9.3%
	3	Sometimes	8818	37.5%
	4	Often	9718	41.3%
		Valid	21333	
		Missing	2170	

S1SENJOYING:

S1 D06A 9th grader is enjoying fall 2009 science course very much

		Value	Count	Percent
Labeled Values	1	Strongly agree	3194	13.6%
	2	Agree	8762	37.3%
	3	Disagree	4310	18.3%
	4	Strongly disagree	1291	5.5%
		Valid	17557	
		Missing	5946	

S1STESTS:

S1 D08A 9th grader confident can do excellent job on fall 2009 science tests

		Value	Count	Percent
Labeled Values	1	Strongly agree	3170	13.5%
	2	Agree	9564	40.7%
	3	Disagree	4126	17.6%
	4	Strongly disagree	665	2.8%
N		Valid	17525	
		Missing	5978	

S1STEXTBOOK:

S1 D08B 9th grader certain can understand fall 2009 science textbook

		Value	Count	Percent
Labeled Values	1	Strongly agree	2215	9.4%
	2	Agree	8070	34.3%
	3	Disagree	6026	25.6%
	4	Strongly disagree	1186	5.0%
N		Valid	17497	
		Missing	6006	

S1SSKILLS:

S1 D08C 9th grader certain can master skills in fall 2009 science course

		Value	Count	Percent
Labeled Values	1	Strongly agree	2995	12.7%
	2	Agree	9872	42.0%
	3	Disagree	4003	17.0%
	4	Strongly disagree	592	2.5%
N		Valid	17462	
		Missing	6041	

S1SASSEXCL:

S1 D08D 9th grader confident can do excellent job on fall 09 science assignments

		Value	Count	Percent
Labeled Values	1	Strongly agree	3759	16.0%
	2	Agree	10364	44.1%
	3	Disagree	2792	11.9%
	4	Strongly disagree	498	2.1%
N		Valid	17413	
		Missing	6090	

Academic Behavior (9th and 11th Grade)

S1NOHWDN:

S1 E02A How often 9th grader goes to class without their homework done

		Value	Count	Percent
Labeled Values	1	Never	4177	17.8%
	2	Rarely	9122	38.8%
	3	Sometimes	5455	23.2%
	4	Often	2365	10.1%
N		Valid	21119	
		Missing	2384	

S1NOPAPER:

S1 E02B How often 9th grader goes to class without pencil or paper

		Value	Count	Percent
Labeled Values	1	Never	10189	43.4%
	2	Rarely	6644	28.3%
	3	Sometimes	2575	11.0%
	4	Often	1660	7.1%
N		Valid	21068	
		Missing	2435	

S1NOBOOKS:

S1 E02C How often 9th grader goes to class without books

		Value	Count	Percent
Labeled Values	1	Never	11545	49.1%
	2	Rarely	6913	29.4%
	3	Sometimes	1764	7.5%
	4	Often	821	3.5%
N		Valid	21043	
		Missing	2460	

S1LATE:

S1 E02D How often 9th grader goes to class late

		Value	Count	Percent
Labeled Values	1	Never	9650	41.1%
	2	Rarely	8316	35.4%
	3	Sometimes	2505	10.7%
	4	Often	573	2.4%
N		Valid	21044	
		Missing	2459	

S2DROPOUTHS:

S2 A16 Ever stopped attending high school for four weeks or more

		Value	Count	Percent
Labeled Values	0	No	19778	84.2%
	1	Yes	672	2.9%
N		Valid	20450	
		Missing	3053	

S2LATESCH:

S2 A17A Times late for school in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	6655	28.3%
	2	1-2 times	7445	31.7%
	3	3-6 times	3907	16.6%
	4	7-9 times	1034	4.4%
	5	10 or more times	1346	5.7%
N		Valid	20387	
		Missing	3116	

S2ABSENT:

S2 A17B Times absent from school in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	3031	12.9%
	2	1-2 times	8170	34.8%
	3	3-6 times	5980	25.4%
	4	7-9 times	1626	6.9%
	5	10 or more times	1502	6.4%
N		Valid	20309	
		Missing	3194	

S2WOHWDN:

S2 A17C Times in class without homework in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	5084	21.6%
	2	1-2 times	7306	31.1%
	3	3-6 times	4257	18.1%
	4	7-9 times	1567	6.7%
	5	10 or more times	2100	8.9%
N		Valid	20314	
		Missing	3189	

S2WOPAPER:

S2 A17D Times in class without notetaking supplies in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	13273	56.5%
	2	1-2 times	4339	18.5%
	3	3-6 times	1445	6.1%
	4	7-9 times	481	2.0%
	5	10 or more times	842	3.6%
N		Valid	20380	
		Missing	3123	

S2WOBOOKS:

S2 A17E Times in class without books/reading material in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	12971	55.2%
	2	1-2 times	5303	22.6%
	3	3-6 times	1190	5.1%
	4	7-9 times	325	1.4%
	5	10 or more times	553	2.4%
N		Valid	20342	
		Missing	3161	

S2SKIPCLASS:

S2 A17F Times cut or skipped classes in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	16765	71.3%
	2	1-2 times	2173	9.2%
	3	3-6 times	793	3.4%
	4	7-9 times	233	1.0%
	5	10 or more times	394	1.7%
N		Valid	20358	
		Missing	3145	

S2INSCHSUSP:

S2 A17G Times put on in-school suspension in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	18011	76.6%
	2	1-2 times	1808	7.7%
	3	3-6 times	341	1.5%
	4	7-9 times	78	0.3%
	5	10 or more times	99	0.4%
N		Valid	20337	
		Missing	3166	

S2OUTSCHSUSP:

S2 A18A Times suspended from school in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	393	1.7%
	2	Once	128	0.5%
	3	More than once	98	0.4%
N		Valid	619	
		Missing	22884	

S2DISCIPLINE:

S2 A18B Times transferred for discipline in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	551	2.3%
	2	Once or more	69	0.3%
N		Valid	620	
		Missing	22883	

S2EXPELLED:

S2 A18C Times expelled in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	537	2.3%
	2	Once or more	82	0.3%
N		Valid	619	
		Missing	22884	

College Attitude and Behaviors (9th grade through second follow up)

S1GETINTOCLG:

S1 E05B 9th grader thinks even if he/she studies he/she won't get into college

		Value	Count	Percent
Labeled Values	1	Strongly agree	391	1.7%
	2	Agree	1481	6.3%
	3	Disagree	10523	44.8%
	4	Strongly disagree	8586	36.5%
N		Valid	20981	
		Missing	2522	

S1AFFORD:

S1 E05C 9th grader thinks even if he/she studies family can't afford college

		Value	Count	Percent
Labels	1	Strongly agree	956	4.1%
	2	Agree	3974	16.9%
	3	Disagree	10641	45.3%
	4	Strongly disagree	5339	22.7%
N		Valid	20910	
		Missing	2593	

S1MOMTALKCLG:

S1 E09A 9th grader talked to mother about going to college

		Value	Count	Percent
Labeled Values	0	No	4451	18.9%
	1	Yes	16111	68.5%
N		Valid	20562	
		Missing	2941	

S1DADTALKCLG:

S1 E09B 9th grader talked to father about going to college

		Value	Count	Percent
Labeled Values	0	No	6709	28.5%
	1	Yes	12530	53.3%
N		Valid	19239	
		Missing	4264	

S1FRNDTLKCLG:

S1 E09C 9th grader talked to friends about going to college

		Value	Count	Percent
Labeled Values	0	No	9675	41.2%
	1	Yes	11223	47.8%
N		Valid	20898	
		Missing	2605	

S1TCHTALKCLG:

S1 E09D 9th grader talked to teacher about going to college

		Value	Count	Percent
Labeled Values	0	No	16599	70.6%
	1	Yes	4299	18.3%
N		Valid	20898	
		Missing	2605	

S1CNSLTLKCLG:

S1 E09E 9th grader talked to school counselor about going to college

		Value	Count	Percent
Labeled Values	0	No	17226	73.3%
	1	Yes	3672	15.6%
N		Valid	20898	
		Missing	2605	

S1NOTALKCLG:

S1 E09F 9th grader didn't talk to these people about going to college

		Value	Count	Percent
Labeled Values	0	No	18882	80.3%
	1	Yes	2016	8.6%
N		Valid	20898	
		Missing	2605	

S2CLGTOUR:

S2 C01B Attended a program at, or taken a tour of a college campus

		Value	Count	Percent
Labeled Values	0	No	9915	42.2%
	1	Yes	10487	44.6%
N		Valid	20402	
		Missing	3101	

S2CLGSEARCH:

S2 C01F Searched Internet or read college guides for college options

		Value	Count	Percent
Labeled Values	0	No	3482	14.8%
	1	Yes	16920	72.0%
N		Valid	20402	
		Missing	3101	

S2TALKCLGCNSL:

S2 C01H Talked about options w/ counselor hired to prepare for college admission

		Value	Count	Percent
Labeled Values	0	No	17852	76.0%
	1	Yes	2496	10.6%
N		Valid	20348	
		Missing	3155	

S2CLGEXAMPREP:

S2 C01I Took a course to prepare for a college admission exam

		Value	Count	Percent
Labeled Values	0	No	11225	47.8%
	1	Yes	9146	38.9%
N		Valid	20371	
		Missing	3132	

S2FR2YPUB:

S2 C05E How many friends plan to attend 2-year community college

		Value	Count	Percent
Labeled Values	0	None of them	3718	15.8%
	1	Less than half	5568	23.7%
	2	About half	3570	15.2%
	3	More than half	1965	8.4%
	4	All of them	750	3.2%
	5	Don't know	4773	20.3%
N		Valid	20344	
		Missing	3159	

S2FR4Y:

S2 C05F How many friends plan to attend 4-year college

		Value	Count	Percent
Labeled Values	0	None of them	660	2.8%
	1	Less than half	2352	10.0%
	2	About half	3561	15.2%
	3	More than half	6732	28.6%
	4	All of them	3917	16.7%
	5	Don't know	3159	13.4%
N		Valid	20381	
		Missing	3122	

S4SIBCLG:

S4 D01 Has siblings who went to college (before respondent did)

		Value	Count	Percent
Labeled Values	0	No	9188	39.1%
	1	Yes	6256	26.6%
N		Valid	15444	
		Missing	8059	

S4FRNDSTARTCLG:

S4 D02 How many close friends started college or trade school

		Value	Count	Percent
Labeled Values	1	All of them	4413	18.8%
	2	More than half of them	4675	19.9%
	3	About half of them	2522	10.7%
	4	Less than half of them	2484	10.6%
	5	None of them	1331	5.7%
N		Valid	15425	
		Missing	8078	

S4FRNDLEFTCLG:

S4 D03 How many close friends dropped out or stopped out of college

		Value	Count	Percent
Labeled Values	1	All of them	445	1.9%
	2	More than half of them	1139	4.8%
	3	About half of them	1927	8.2%
	4	Less than half of them	6278	26.7%
	5	None of them	4237	18.0%
N		Valid	14026	
		Missing	9477	

Attitudes about Gender

S1ENGCOMP:

S1 E14A How 9th grader compares males and females in English or language arts

		Value	Count	Percent
Labeled Values	1	Females are much better	3570	15.2%
	2	Females are somewhat better	5017	21.3%
	3	Females and males are the same	11312	48.1%
	4	Males are somewhat better	434	1.8%
	5	Males are much better	406	1.7%
N		Valid	20739	
		Missing	2764	

S1MTHCOMP:

S1 E14B How 9th grader compares males and females in math

		Value	Count	Percent
Labels	1	Females are much better	1829	7.8%
	2	Females are somewhat better	2464	10.5%
	3	Females and males are the same	12335	52.5%
	4	Males are somewhat better	2888	12.3%
	5	Males are much better	1204	5.1%
N		Valid	20720	
		Missing	2783	

S1SCICOMP:

S1 E14C How 9th grader compares males and females in science

		Value	Count	Percent
Labeled Values	1	Females are much better	1410	6.0%
	2	Females are somewhat better	1740	7.4%
	3	Females and males are the same	13326	56.7%
	4	Males are somewhat better	2949	12.5%
	5	Males are much better	1231	5.2%
N		Valid	20656	
		Missing	2847	

S1HRMHOMEWK:

S1 E15A Hours spent on math homework/studying on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	10867	46.2%
	2	1 to 2 hours	6350	27.0%
	3	2 to 3 hours	960	4.1%
	4	3 to 4 hours	331	1.4%
	5	4 to 5 hours	125	0.5%
	6	5 or more hours	145	0.6%
N		Valid	18778	
		Missing	4725	

S1HRSHOMEWK:

S1 E15B Hours spent on science homework/studying on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	10189	43.4%
	2	1 to 2 hours	5509	23.4%
	3	2 to 3 hours	1064	4.5%
	4	3 to 4 hours	275	1.2%
	5	4 to 5 hours	101	0.4%
	6	5 or more hours	113	0.5%
N		Valid	17251	
		Missing	6252	

S1HROTHHOMWK:

S1 E15C Hours spent on other homework/studying on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	8283	35.2%
	2	1 to 2 hours	7974	33.9%
	3	2 to 3 hours	2850	12.1%
	4	3 to 4 hours	935	4.0%
	5	4 to 5 hours	348	1.5%
	6	5 or more hours	293	1.2%
N		Valid	20683	
		Missing	2820	

S1HRACTIVITY:

S1 E15D Hours spent on extracurricular activities on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	6773	28.8%
	2	1 to 2 hours	4761	20.3%
	3	2 to 3 hours	4956	21.1%
	4	3 to 4 hours	2029	8.6%
	5	4 to 5 hours	708	3.0%
	6	5 or more hours	1371	5.8%
N		Valid	20598	
		Missing	2905	

S1HRWORK:

S1 E15E Hours spent working for pay on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	14584	62.1%
	2	1 to 2 hours	2751	11.7%
	3	2 to 3 hours	1184	5.0%
	4	3 to 4 hours	581	2.5%
	5	4 to 5 hours	312	1.3%
	6	5 or more hours	586	2.5%
N		Valid	19998	
		Missing	3505	

S1HRFAMILY:

S1 E15F Hours spent with family on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	3288	14.0%
	2	1 to 2 hours	4443	18.9%
	3	2 to 3 hours	3712	15.8%
	4	3 to 4 hours	2685	11.4%
	5	4 to 5 hours	1592	6.8%
	6	5 or more hours	4923	20.9%
N		Valid	20643	
		Missing	2860	

S1HRFRIENDS:

S1 E15G Hours spent hanging out with friends on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	4138	17.6%
	2	1 to 2 hours	4937	21.0%
	3	2 to 3 hours	3868	16.5%
	4	3 to 4 hours	2546	10.8%
	5	4 to 5 hours	1582	6.7%
	6	5 or more hours	3569	15.2%
N		Valid	20640	
		Missing	2863	

S1HRTV:

S1 E15H Hours spent watching television or movies on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	7238	30.8%
	2	1 to 2 hours	6117	26.0%
	3	2 to 3 hours	3291	14.0%
	4	3 to 4 hours	1674	7.1%
	5	4 to 5 hours	838	3.6%
	6	5 or more hours	1500	6.4%
N		Valid	20658	
		Missing	2845	

S1HRVIDEO:

S1 E15I Hours spent playing video games on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	13119	55.8%
	2	1 to 2 hours	3138	13.4%
	3	2 to 3 hours	1466	6.2%
	4	3 to 4 hours	797	3.4%
	5	4 to 5 hours	511	2.2%
	6	5 or more hours	1179	5.0%
N		Valid	20210	
		Missing	3293	

S1HRONLINE:

S1 E15J Hours spent chatting or surfing online on typical schoolday

		Value	Count	Percent
Labeled Values	1	Less than 1 hour	8026	34.1%
	2	1 to 2 hours	5484	23.3%
	3	2 to 3 hours	2784	11.8%
	4	3 to 4 hours	1550	6.6%
	5	4 to 5 hours	902	3.8%
	6	5 or more hours	1727	7.3%
N		Valid	20473	
		Missing	3030	

11ᵗʰ Grader's Extra-curricular Activities

S2MUSIC:

S2 F02A Participated in music or dance outside of school since fall 2009

		Value	Count	Percent
Labeled Values	0	No	12857	54.7%
	1	Yes	7246	30.8%
N		Valid	20103	
		Missing	3400	

S2ART:

S2 F02B Participated in art outside of school since fall 2009

		Value	Count	Percent
Labeled Values	0	No	15966	67.9%
	1	Yes	4075	17.3%
N		Valid	20041	
		Missing	3462	

S2DRAMA:

S2 F02C Participated in theater/drama outside of school since fall 2009

		Value	Count	Percent
Labeled Values	0	No	17338	73.8%
	1	Yes	2686	11.4%
N		Valid	20024	
		Missing	3479	

S2SPORTS:

S2 F02D Participated in organized sports outside of school since fall 2009

		Value	Count	Percent
Labeled Values	0	No	10141	43.1%
	1	Yes	9953	42.3%
N		Valid	20094	
		Missing	3409	

S2CLUB:

S2 F02E Participated in scouting/group/club outside of school since fall 2009

		Value	Count	Percent
Labeled Values	0	No	15642	66.6%
	1	Yes	4320	18.4%
N		Valid	19962	
		Missing	3541	

S2ACADEMIC:

S2 F02F Received academic instruction outside of school since fall 2009

		Value	Count	Percent
Labeled Values	0	No	17481	74.4%
	1	Yes	2581	11.0%
N		Valid	20062	
		Missing	3441	

Parental Support Post High-School

S4LIVEPARENT:

S4 D15A Live with: parents or guardians

		Value	Count	Percent
Labeled Values	0	No	8738	37.2%
	1	Yes	6638	28.2%
N		Valid	15376	
		Missing	8127	

S4PARHOUSING:

S4 D28B Parents paid: rent, room and board, or mortgage

		Value	Count	Percent
Labeled Values	1	Regularly	7327	31.2%
	2	Occasionally	1938	8.2%
	3	Never	5993	25.5%
N		Valid	15258	
		Missing	8245	

S4PARHEALTH:

S4 D28C Parents paid: health care expenses

		Value	Count	Percent
Labeled Values	1	Regularly	8537	36.3%
	2	Occasionally	2213	9.4%
	3	Never	4506	19.2%
N		Valid	15256	
		Missing	8247	

S4PAREDFEE:

S4 D28D Parents paid: education expenses such as tuition

		Value	Count	Percent
Labeled Values	1	Regularly	5269	22.4%
	2	Occasionally	1914	8.1%
	3	Never	3055	13.0%
N		Valid	10238	
		Missing	13265	

S4PARBILLS:

S4 D28E Parents paid: monthly bills, utilities, car payment, credit card bills

		Value	Count	Percent
Labeled Values	1	Regularly	5577	23.7%
	2	Occasionally	3186	13.6%
	3	Never	6501	27.7%
N		Valid	15264	
		Missing	8239	

Miscellaneous Student Variables

S1SAFE:

S1 E01A 9th grader feels safe at school

		Value	Count	Percent
Labeled Values	1	Strongly agree	7318	31.1%
	2	Agree	11966	50.9%
	3	Disagree	1441	6.1%
	4	Strongly disagree	402	1.7%
N		Valid	21127	
		Missing	2376	

S1PROUD:

S1 E01B 9th grader is proud to be part of his/her school

		Value	Count	Percent
Labeled Values	1	Strongly agree	7379	31.4%
	2	Agree	10688	45.5%
	3	Disagree	2196	9.3%
	4	Strongly disagree	750	3.2%
N		Valid	21013	
		Missing	2490	

S1GOODGRADES:

S1 E01E Getting good grades is important to 9th grader

		Value	Count	Percent
Labeled Values	1	Strongly agree	12486	53.1%
	2	Agree	7715	32.8%
	3	Disagree	657	2.8%
	4	Strongly disagree	204	0.9%
N		Valid	21062	
		Missing	2441	

S1FAVSUBJ:

S1 E03 9th grader's favorite school subject

		Value	Count	Percent
Labeled Values	1	English	1764	7.5%
	2	Foreign language	1100	4.7%
	3	Science	2091	8.9%
	4	Art	1932	8.2%
	5	Music	1810	7.7%
	6	Mathematics	3226	13.7%
	7	Physical education or gym	3921	16.7%
	8	Religion	201	0.9%
	9	Health education	487	2.1%
	10	Computer education or computer science	504	2.1%
	11	Social studies, hist, government, civics	1862	7.9%
	12	Career prep (health care, business, etc)	435	1.9%
	13	Other	1761	7.5%
N		Valid	21094	
		Missing	2409	

S1LEASTSUBJ:

S1 E04 9th grader's least favorite school subject

		Value	Count	Percent
Labeled Values	1	English	3723	15.8%
	2	Foreign language	1693	7.2%
	3	Science	3395	14.4%
	4	Art	576	2.5%
	5	Music	315	1.3%
	6	Mathematics	4955	21.1%
	7	Physical education or gym	1012	4.3%
	8	Religion	514	2.2%
	9	Health education	567	2.4%
	10	Computer education or computer science	524	2.2%
	11	Social studies, hist, government, civics	2493	10.6%
	12	Career prep (health care, business, etc)	145	0.6%
	13	Other	1013	4.3%
N		Valid	20925	
		Missing	2578	

S2ARRESTED:

S2 A18D Times arrested in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	548	2.3%
	2	Once or more	71	0.3%
N		Valid	619	
		Missing	22884	

S2JUVHOME:

S2 A18E Times in juvenile detention in last 6 months of school

		Value	Count	Percent
Labeled Values	1	Never	547	2.3%
	2	Once or more	67	0.3%
N		Valid	614	
		Missing	22889	

S4JOBSAT2:

S4 C44 Job satisfaction: February 2016/last job

		Value	Count	Percent
Labeled Values	1	Very satisfied	2349	10.0%
	2	Somewhat satisfied	2611	11.1%
	3	Somewhat dissatisfied	792	3.4%
	4	Very dissatisfied	523	2.2%
N		Valid	6275	
		Missing	17228	

S4DSCRMNTNED:

S4 C57A Discriminated against: limited educational opportunities

		Value	Count	Percent
Labeled Values	0	No	13587	57.8%
	1	Yes	1846	7.9%
N		Valid	15433	
		Missing	8070	

S4DSCRMNTNWK:

S4 C57B Discriminated against: limited work opportunities

		Value	Count	Percent
Labeled Values	0	No	12754	54.3%
	1	Yes	2655	11.3%
		Valid	15409	
		Missing	8094	

S4REGVOTE:

S4 D32 Registered to vote in February 2016

		Value	Count	Percent
Labeled Values	1	Yes	8826	37.6%
	2	No	6126	26.1%
	3	You were not eligible to vote	424	1.8%
N		Valid	15376	
		Missing	8127	

Parental Engagement with School

P1SCHCHOICE:

P1 E01 Whether 9th grader's school was assigned or chosen

		Value	Count	Percent
Labeled Values	1	Assigned	7031	29.9%
	2	Chosen	2634	11.2%
	3	Assigned but would have chosen HS	2735	11.6%
N		Valid	12400	
		Missing	11103	

P1SCHMTG:

P1 E02A Attended a general school meeting since start of 2009-10 school year

		Value	Count	Percent
Labeled Values	0	No	2635	11.2%
	1	Yes	12890	54.8%
N		Valid	15525	
		Missing	7978	

P1PTOMTG:

P1 E02B Attended a PTO meeting since start of 2009-10 school year

		Value	Count	Percent
Labeled Values	0	No	9552	40.6%
	1	Yes	5940	25.3%
N		Valid	15492	
		Missing	8011	

P1PTCONFER:

P1 E02C Attended parent-teacher conference since start of 2009-10 school year

		Value	Count	Percent
Labeled Values	0	No	6669	28.4%
	1	Yes	8811	37.5%
N		Valid	15480	
		Missing	8023	

P1SCHEVENT:

P1 E02D Attended school event since start of 2009-10 school year

		Value	Count	Percent
Labeled Values	0	No	4868	20.7%
	1	Yes	10649	45.3%
N		Valid	15517	
		Missing	7986	

P1VOLUNTEER:

P1 E02E Served as a school volunteer since start of 2009-10 school year

		Value	Count	Percent
Labeled Values	0	No	10771	45.8%
	1	Yes	4748	20.2%
N		Valid	15519	
		Missing	7984	

P1FUNDRAISE:

P1 E02F Participated in school fund raiser since start of 2009-10 school year

		Value	Count	Percent
Labeled Values	0	No	7288	31.0%
	1	Yes	8225	35.0%
N		Valid	15513	
		Missing	7990	

P1COUNSELOR:

P1 E02G Met with a school counselor since start of 2009-10 school year

		Value	Count	Percent
Labeled Values	0	No	8767	37.3%
	1	Yes	6724	28.6%
N		Valid	15491	
		Missing	8012	

P2HWOFTEN:

P2 B08 How often helped teenager with homework

		Value	Count	Percent
Labeled Values	1	Never	429	1.8%
	2	Less than once a week	651	2.8%
	3	1 or 2 days a week	2127	9.0%
	4	3 or 4 days a week	2469	10.5%
	5	5 or more days a week	2433	10.4%
N		Valid	8109	
		Missing	15394	

Parental Social Capital

P1MUSEUM:

P1 E07A Went to science or engineering museum with 9th grader in last year

		Value	Count	Percent
Labeled Values	0	No	7195	30.6%
	1	Yes	8253	35.1%
N		Valid	15448	
		Missing	8055	

P1COMPUTER:

P1 E07B Worked or played on computer with 9th grader in last year

		Value	Count	Percent
Labeled Values	0	No	2148	9.1%
	1	Yes	13300	56.6%
N		Valid	15448	
		Missing	8055	

P1FIXED:

P1 E07C Built or fixed something with 9th grader in last year

		Value	Count	Percent
Labeled Values	0	No	8461	36.0%
	1	Yes	6987	29.7%
N		Valid	15448	
		Missing	8055	

P1SCIFAIR:

P1 E07D Attended a school science fair with 9th grader in last year

		Value	Count	Percent
Labeled Values	0	No	12732	54.2%
	1	Yes	2716	11.6%
N		Valid	15448	
		Missing	8055	

P1SCIPROJ:

P1 E07E Helped 9th grader with a school science fair project in last year

		Value	Count	Percent
Labeled Values	0	No	9377	39.9%
	1	Yes	6071	25.8%
N		Valid	15448	
		Missing	8055	

P1LIBRARY:

P1 E07G Visited a library with 9th grader in last year

		Value	Count	Percent
Labeled Values	0	No	5450	23.2%
	1	Yes	9998	42.5%
N		Valid	15448	
		Missing	8055	

P1SHOW:

P1 E07H Went to a play, concert or live show with 9th grader in last year

		Value	Count	Percent
Labeled Values	0	No	5689	24.2%
	1	Yes	9759	41.5%
N		Valid	15448	
		Missing	8055	

Parental College Social Capital

P1ADMITREQ:

P1 F04 Family talked w/ counselor/teacher about postsec admission requirements

		Value	Count	Percent
Labeled Values	0	No	8685	37.0%
	1	Yes	6780	28.8%
N		Valid	15465	
		Missing	8038	

P2DISCCLGEXAM:

P2 B14B How often discussed preparing for college entrance exams

		Value	Count	Percent
Labeled Values	1	Never	886	3.8%
	2	Once or twice	1801	7.7%
	3	Three or four times	1756	7.5%
	4	More than four times	3611	15.4%
N		Valid	8054	
		Missing	15449	

P2DISCCLGAPP:

P2 B14C How often discussed applying to college/other schools after high school

		Value	Count	Percent
Labeled Values	1	Never	793	3.4%
	2	Once or twice	1360	5.8%
	3	Three or four times	1596	6.8%
	4	More than four times	4303	18.3%
N		Valid	8052	
		Missing	15451	

P2CLGTOUR:

P2 C01B Has arranged for teen to attend program/take tour of college campus

		Value	Count	Percent
Labeled Values	0	No	4123	17.5%
	1	Yes	3926	16.7%
N		Valid	8049	
		Missing	15454	

P2CLGSEARCH:

P2 C01F Has searched Internet for college options or read college guides

		Value	Count	Percent
Labeled Values	0	No	2352	10.0%
	1	Yes	5689	24.2%
N		Valid	8041	
		Missing	15462	

P2TALKHSCNSL:

P2 C01G Has talked with school counselor about options for after high school

		Value	Count	Percent
Labeled Values	0	No	3904	16.6%
	1	Yes	4129	17.6%
N		Valid	8033	
		Missing	15470	

P2TALKCLGCNSL:

P2 C01H Has talked with counselor hired to help prepare for college admission

		Value	Count	Percent
Labeled Values	0	No	6807	29.0%
	1	Yes	1223	5.2%
N		Valid	8030	
		Missing	15473	

P2CLGEXAMPREP:

P2 C01I Has arranged for teen to take college admission exam preparation course

		Value	Count	Percent
Labeled Values	0	No	4173	17.8%
	1	Yes	3858	16.4%
N		Valid	8031	
		Missing	15472	

P2HELPCLGAPP:

P2 C02 Has helped complete/completed a college application in last 5 years

		Value	Count	Percent
Labeled Values	0	No	4370	18.6%
	1	Yes	3693	15.7%
N		Valid	8063	
		Missing	15440	

Personal or Family Trauma Since 9ᵗʰ Grade

P2PARLOSTJOB:

P2 A17A Teenager's parent/guardian has lost job since fall 2009

		Value	Count	Percent
Labeled Values	0	No	6013	25.6%
	1	Yes	2066	8.8%
N		Valid	8079	
		Missing	15424	

P2FORECLOSED:

P2 A17B Teenager's family's home was foreclosed since fall 2009

		Value	Count	Percent
Labeled Values	0	No	7663	32.6%
	1	Yes	397	1.7%
N		Valid	8060	
		Missing	15443	

P2PARHEALTH:

P2 A17D Teen's parent/guardian had serious health issue/injury since fall 2009

		Value	Count	Percent
Labeled Values	0	No	6803	28.9%
	1	Yes	1256	5.3%
N		Valid	8059	
		Missing	15444	

P2PARDIED:

P2 A17E Teenager's parent/guardian died since fall 2009

		Value	Count	Percent
Labeled Values	0	No	7842	33.4%
	1	Yes	219	0.9%
N		Valid	8061	
		Missing	15442	

P2TEENHEALTH:

P2 A17F Teenager had serious health issue/injury since fall 2009

		Value	Count	Percent
Labeled Values	0	No	7627	32.5%
	1	Yes	450	1.9%
N		Valid	8077	
		Missing	15426	

School Level Variables

X1TMRACE:

X1 Math teacher's race/ethnicity-composite

		Value	Count	Percent
Labeled Values	2	Asian, non-Hispanic	408	1.7%
	3	Black/African-American, non-Hispanic	591	2.5%
	4	Hispanic, no race specified	60	0.3%
	5	Hispanic, race specified	585	2.5%
	6	More than one race, non-Hispanic	238	1.0%
	8	White, non-Hispanic	15104	64.3%
	9	Other, non-Hispanic	38	0.2%
		Valid	17024	
		Missing	6479	

X1TSRACE:

X1 Science teacher race/ethnicity-composite

		Value	Count	Percent
Labeled Values	2	Asian, non-Hispanic	341	1.5%
	3	Black/African-American, non-Hispanic	660	2.8%
	4	Hispanic, no race specified	33	0.1%
	5	Hispanic, race specified	517	2.2%
	6	More than one race, non-Hispanic	291	1.2%
	8	White, non-Hispanic	13624	58.0%
	9	Other, non-Hispanic	31	0.1%
		Valid	15497	
		Missing	8006	

X1CONTROL:

X1 School control

		Value	Count	Percent
Valid Values	1	Public	19273	82.0%
	2	Catholic or other private	4230	18.0%
		Valid	23503	
		Missing	0	

X1LOCALE:

X1 School locale (urbanicity)

		Value	Count	Percent
Valid Values	1	City	6689	28.5%
	2	Suburb	8467	36.0%
	3	Town	2788	11.9%
	4	Rural	5559	23.7%
		Valid	23503	
		Missing	0	

X1REGION:

X1 School geographic region

		Value	Count	Percent
Valid Values	1	Northeast	3662	15.6%
	2	Midwest	6224	26.5%
	3	South	9587	40.8%
	4	West	4030	17.1%
		Valid	22497	
		Missing	1006	

X1SCHOOLCLI:

X1 Scale of administrator's assessment of school climate

		Value	Count	Percent
N	Valid	-4.22 – 1.97	18571	
	Missing		4932	

C2AIDFAFSA:

C2 B25B School assists with completing FAFSA

		Value	Count	Percent
Labeled Values	0	No	5049	21.5%
	1	Yes	14092	60.0%
N		Valid	19141	
		Missing	4362	

C2NUMAP:

C2 C07 Number of AP courses offered

		Value	Count	Percent
N	Valid	10.86/6.15	17200	
	Missing		6303	

C2PCTAP:

C2 C09 % 12th graders who have taken in AP course(s)

		Value	Count	Percent
N	Valid	31.86/21.348	15654	
	Missing		7849	

C2NUMGRADS:

C2 C19 Number of seniors graduated, 2010-2011

		Value	Count	Percent
N	Valid	261.69/164.16	17930	
	Missing		5573	

C2AVGSATREAD:

C2 C20A Average SAT critical reading score

		Value	Count	Percent
N	Valid	521.63/56.42	9826	
	Missing		13677	

C2AVGSATMATH:

C2 C20B Average SAT mathematics score

		Value	Count	Percent
N	Valid	528.64/59.246	9826	
	Missing		13677	

C2AVGSATWRIT:

C2 C20C Average SAT writing score

		Value	Count	Percent
Standard Attributes	Label			
N	Valid	510.16/58.77	9482	
	Missing		14021	

W1STUDENT

		Value
Standard Attributes	Label	W1 Base year student analytic weight
N	Valid	23503
	Missing	0

W2STUDENT

		Value
Standard Attributes	Label	W2 First follow-up student analytic weight
N	Valid	23503
	Missing	0

W3STUDENT

		Value
Standard Attributes	Label	W3 Student Analytic Weight U13
N	Valid	23503
	Missing	0

W4STUDENT

		Value
Standard Attributes	Label	Second follow-up student analytic weight
N	Valid	23503
	Missing	0