

# Battle's Quantitative Methods

National Center for Education Statistics  
High School Longitudinal Study (Subset)  
Abridged Codebook  
(2009 – 2016)  
[juanbattle.com/data](http://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	Label	Student ID
Attributes		

**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	

**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	

**X1SESQ5:**

X1 Quintile coding of X1SES composite

		Value	Count	Percent
Labeled	1	First quintile (lowest)	3434	14.6%
Values	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	

**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	

**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	

**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	

**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	

## Parental Engagement with School

### **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	

### **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	

## Academic Expectations & Outcomes

### 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		

**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	

**X3TGPAACAD:**

X3 GPA for all academic courses

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