



High School Survey of Student Engagement

HSSSE 2005 Means Comparisons

Sample High School

Item #	Survey Item	Var. Name	Grade	Sample HS	HSSSE 2005		
				Mean	Mean	Sig ^a	Effect Size ^b
				<i>1=0 papers/yr, 2=1 paper/yr, 3=2-3 papers/yr, 4=4-5 papers/yr, 5=6-7 papers/yr, 6=8-10 papers/yr, 7=11-14 papers/yr, 8=15-19 papers/yr, 9=20+ papers/yr</i>			
Writing							
13a.	Written papers or reports of more than 5 pages during this school year	WRITELNG05	9th	2.73	2.25	***	.29
			10th	2.74	2.31	***	.27
			11th	2.94	2.51	***	.28
			12th	3.07	2.70	***	.23
13b.	Written papers or reports of between 3 and 5 pages during this school year	WRITEMD05	9th	3.46	3.04	***	.26
			10th	3.65	3.26	***	.24
			11th	3.68	3.55		
			12th	4.16	3.75	***	.23
13c.	Written papers or reports of fewer than 3 pages during this school year	WRITESML05	9th	4.80	4.58	*	.10
			10th	4.57	4.79		
			11th	4.93	4.99		
			12th	5.54	5.16	**	.17
				<i>0=0 hrs/wk, 1=1 hr/wk, 2=2 hrs/wk, 3=3 hrs/wk, 4=4 hrs/wk, 5=5 hrs/wk, 6=6 hrs/wk, ..., 19=19hrs/wk, 20=20+ hrs/wk</i>			
Time Spent on Selected Activities in a Typical 7-day Week							
14a.	Preparing for class (doing homework, reading, rehearsing, etc.)	PREPARCL05	9th	6.21	5.82		
			10th	7.10	5.97	***	.22
			11th	6.44	6.35		
			12th	6.44	5.39	***	.21
14b.	Doing volunteer work	VOLUNWK05	9th	1.70	1.48		
			10th	1.71	1.44		
			11th	1.50	1.54		
			12th	1.99	1.63	*	.12
14c.	Working for pay (including babysitting, cutting grass, etc.)	WORKPAY05	9th	3.32	3.03		
			10th	4.29	4.27		
			11th	5.86	6.93	**	-.14
			12th	8.48	9.12		
14d.	Watching television	WATCHTV05	9th	8.39	7.49	***	.15
			10th	6.83	7.27		
			11th	6.81	6.73		
			12th	7.03	6.69		

^a Independent sample t-tests, 2-tailed; * p < .05; ** p < .01; and *** p < .001.

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<i>0=0 hrs/wk, 1=1 hr/wk, 2=2 hrs/wk, 3=3 hrs/wk, 4=4 hrs/wk, 5=5 hrs/wk, 6=6 hrs/wk, ..., 19=19hrs/wk, 20=20+ hrs/wk</i>							
Time Spent on Selected Activities in a Typical 7-day Week (continued)							
14e.	Participating in school-sponsored activities (athletics, clubs, government, newspaper, etc.)	EXTRACUR05	9th	4.51	5.03	*	-.09
			10th	5.49	5.22		
			11th	5.26	5.44		
			12th	5.23	4.97		
14f.	Chatting or "surfing" online	SURFLINE05	9th	3.85	5.17	***	-.23
			10th	3.47	4.99	***	
			11th	4.06	4.61	*	
			12th	3.93	4.48	*	
14g.	Hanging out/socializing with friends outside of school	SOCIAL05	9th	7.02	7.92	***	-.15
			10th	6.93	8.56	***	
			11th	8.39	9.11	*	
			12th	7.89	9.59	***	
14h.	Playing video games	VIDEOGM05	9th	4.13	3.29	***	.16
			10th	2.76	3.07		
			11th	2.70	2.70		
			12th	2.59	2.60		
14i.	Exercising (not counting school-sponsored activities)	EXERCISE05	9th	4.38	4.48		
			10th	4.14	4.39		
			11th	3.91	4.29		
			12th	4.27	4.25		
14j.	Talking on the phone	PHONE05	9th	5.84	4.93	***	.16
			10th	5.76	5.14	*	
			11th	5.59	4.87	**	
			12th	4.95	4.66		
<i>1=less than 5 hours, 2=5 hours, 3=6 hours, 4=7 hours, 5=8 hours, 6=9 hours, 7=10 or more hours</i>							
8.	On average, how many hours do you sleep per night?	SLEEP05	9th	4.14	4.16		
			10th	3.96	3.95		
			11th	3.77	3.77		
			12th	3.66	3.63		

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				Mean	Mean	Sig ^a	Effect Size ^b
Attendance							
0=0 days/yr, 1=1 day/yr, 2=2 days/yr, 3=3 days/yr, 4=4 days/yr, 5=5 days/yr, 6=6 days/yr...19=19 days/yr, 20=20 days/yr							
15a.	Total days absent this year	ABSENT05	9th	6.08	4.64	***	.30
			10th	6.14	4.74	***	.29
			11th	6.26	5.21	***	.21
			12th	6.86	6.26	*	.11
15b.	Unexcused absences this year	UNEXCUSE05	9th	2.90	1.46	***	.44
			10th	2.80	1.35	***	.46
			11th	2.79	1.45	***	.41
			12th	2.89	1.82	***	.29
0=0 days/month, 1=1 day/month, 2=2 days/month, 3=3 days/month, 4=4 days/month, 5=5 days/month, 6=6 days/month...19=19 days/month, 20=20 days/month							
Tardiness							
16.	Times late or tardy for class this month	TARDY05	9th	3.34	2.13	***	.31
			10th	3.63	2.29	***	.33
			11th	3.94	2.24	***	.43
			12th	3.90	2.67	***	.27
1=0 hrs/wk, 2=1 hr/wk, 3=2-3 hrs/wk, 4=4-5 hrs/wk, 5=6-7 hrs/wk, 6=8-10 hrs/wk, 7=11 or more hrs/week							
Reading							
17a.	Assigned reading (textbooks or other course materials) in a typical week	READASGN05	9th	2.82	2.64	***	.16
			10th	2.94	2.66	***	.23
			11th	2.99	2.86	*	.10
			12th	3.13	2.69	***	.34
17b.	Personal reading (books, magazines, newspapers, etc.) in a typical week	READPERS05	9th	3.13	2.72	***	.27
			10th	3.02	2.69	***	.22
			11th	2.86	2.69	**	.12
			12th	3.07	2.74	***	.22
17c.	Personal reading (online/web) in a typical week	READWEB05	9th	2.32	2.34		
			10th	2.21	2.35	*	-.10
			11th	2.34	2.34		
			12th	2.41	2.35		

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Item #	Survey Item	Var. Name	Grade	Sample HS	HSSSE 2005		
				Mean	Mean	Sig ^a	Effect Size ^b
Selected Educational Activities				<i>1=never, 2=sometimes, 3=often, 4=very often</i>			
18a.	Asked questions in class	CLASASK	9th	2.71	2.65		
			10th	2.91	2.67	***	.29
			11th	2.76	2.70		
			12th	2.82	2.67	**	.17
18b.	Contributed to class discussions	CLASDISC	9th	2.73	2.70		
			10th	2.89	2.74	**	.16
			11th	2.78	2.79		
			12th	2.81	2.78		
18c.	Made a class presentation	CLASPRES	9th	2.41	2.37		
			10th	2.46	2.40		
			11th	2.44	2.38		
			12th	2.39	2.36		
18d.	Prepared two or more drafts of a paper or assignment before turning it in	PAPDRAFT	9th	2.30	2.24		
			10th	2.59	2.27	***	.33
			11th	2.17	2.28	*	-.11
			12th	2.29	2.22		
18e.	Received prompt feedback from teachers on assignments or other class work	FEEDBACK	9th	2.67	2.55	**	.13
			10th	2.85	2.56	***	.32
			11th	2.69	2.59	*	.12
			12th	2.73	2.58	***	.18
18f.	Worked on a paper or project using information from several types of sources (books, interviews, Internet, etc.)	SOURCES05	9th	2.96	2.75	***	.25
			10th	2.91	2.75	***	.20
			11th	2.86	2.77	*	.11
			12th	2.84	2.67	***	.20
18g.	Included views of different races, religions, genders, or political beliefs in class discussions or assignments	VIEWCLAS05	9th	2.47	2.26	***	.24
			10th	2.47	2.29	***	.21
			11th	2.42	2.38		
			12th	2.49	2.32	***	.19
18h.	Attended class with readings or assignments completed	PREPARED	9th	3.17	3.30	***	-.15
			10th	3.29	3.29		
			11th	3.20	3.30	**	-.12
			12th	3.24	3.24		

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				Mean	Mean	Sig ^a	Effect Size ^b
<i>1=never, 2=sometimes, 3=often, 4=very often</i>							
18i.	Worked with other students on projects/assignments during class	CLASSGRP	9th	2.89	2.87		
			10th	2.93	2.87		
			11th	2.86	2.89		
			12th	2.69	2.83	**	-.17
18j.	Worked with other students on projects/assignments outside of class	GROUPOUT	9th	2.01	1.92	*	.10
			10th	2.02	1.90	**	.15
			11th	2.00	1.98		
			12th	1.95	1.93		
18k.	Put together ideas or concepts from different subjects when completing assignments or participating in class discussions	INTIDEAS05	9th	2.34	2.27		
			10th	2.39	2.30	*	.11
			11th	2.43	2.37		
			12th	2.44	2.34	*	.12
18l.	Learned something from discussing questions that have no clear answers	NOCLEAR	9th	2.53	2.47		
			10th	2.62	2.46	***	.19
			11th	2.50	2.51		
			12th	2.62	2.49	**	.15
18m.	Participated in a community-based project as part of a regular class	COMMPROJ	9th	1.65	1.56	**	.11
			10th	1.69	1.49	***	.26
			11th	1.58	1.53		
			12th	1.61	1.56		
18n.	Enjoyed completing a task that required a lot of thinking and mental effort	MENTALEF	9th	2.39	2.28	**	.11
			10th	2.50	2.29	***	.22
			11th	2.40	2.36		
			12th	2.60	2.35	***	.28
18o.	Used the Internet/web to discuss or complete an assignment	WEBASGN05	9th	2.80	2.90	*	-.11
			10th	2.93	2.97		
			11th	2.91	3.01	*	-.11
			12th	2.96	3.02		
18p.	Used e-mail to communicate with a teacher	EMAIL	9th	1.75	1.54	***	.24
			10th	1.85	1.58	***	.32
			11th	1.80	1.63	***	.20
			12th	1.84	1.68	**	.18

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Selected Educational Activities (continued)				<i>1=never, 2=sometimes, 3=often, 4=very often</i>			
18q.	Discussed grades or assignments with a teacher	DISCGRD	9th	2.71	2.54	***	.20
			10th	2.86	2.58	***	.31
			11th	2.80	2.60	***	.22
			12th	2.73	2.53	***	.23
18r.	Discussed ideas from readings or classes with teachers outside of class	DISCIDEA	9th	1.78	1.62	***	.20
			10th	1.93	1.64	***	.35
			11th	1.88	1.72	***	.19
			12th	1.96	1.72	***	.27
18s.	Discussed ideas from readings or classes with others outside of class (students, family members, coworkers, etc.)	DISCOTH	9th	2.35	2.32		
			10th	2.43	2.33	*	.11
			11th	2.39	2.36		
			12th	2.43	2.33	*	.12
18t.	Had conversations with students of a different race or ethnicity	DIVRSTUD05	9th	3.21	3.12	*	.09
			10th	3.32	3.14	***	.19
			11th	3.17	3.08	*	.09
			12th	3.32	3.02	***	.31
18u.	Had conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU05	9th	3.00	3.00		
			10th	3.05	3.04		
			11th	3.06	3.03		
			12th	3.14	3.01	*	.13

Values, Awareness, and Motivation

1=strongly disagree, 2=disagree, 3=neutral, 4=agree, 5=strongly agree

19a.	I take pride in my school work.	PRIDE	9th	3.96	3.82	***	.15
			10th	3.91	3.82	*	.10
			11th	3.89	3.85		
			12th	3.97	3.80	***	.17
19b.	I have the skills and abilities to complete my work.	SKILLSAB	9th	4.34	4.29		
			10th	4.38	4.32		
			11th	4.42	4.33	*	.11
			12th	4.49	4.37	***	.16

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Values, Awareness, and Motivation (continued)							
<i>1=strongly disagree, 2=disagree, 3=neutral, 4=agree, 5=strongly agree</i>							
19c.	I value the rewards (grades, awards, etc.) that I get at school for my work.	REWARDS	9th	4.04	3.97	***	.18
			10th	3.96	3.96		
			11th	3.95	3.96		
			12th	4.07	3.89		
19d.	I feel supported and respected by teachers.	SUPPTCH	9th	3.64	3.68		
			10th	3.68	3.65		
			11th	3.67	3.73		
			12th	3.78	3.79		
19d.	I feel supported and respected by counselors.	SUPPCOUN	9th	3.45	3.61	***	-.15
			10th	3.37	3.64	***	-.25
			11th	3.57	3.63		
			12th	3.67	3.62		
19d.	I feel supported and respected by administrators (principal, assistant/vice principal).	SUPPADM	9th	3.26	3.33		
			10th	3.23	3.23		
			11th	3.28	3.23		
			12th	3.27	3.21		
19d.	I feel supported and respected by secretaries/administrative assistants.	SUPPSEC	9th	3.27	3.28		
			10th	3.11	3.20		
			11th	3.17	3.18		
			12th	3.40	3.20		
19d.	I feel supported and respected by other students.	SUPPSTU	9th	3.68	3.74		
			10th	3.71	3.71		
			11th	3.63	3.73		
			12th	3.71	3.73		
19e.	I get to make choices about what I will study at school.	CHOICES	9th	3.30	3.41	*	-.09
			10th	3.47	3.46		
			11th	3.47	3.57		
			12th	3.47	3.55		
19f.	I have many opportunities to ask teachers questions about my work.	ASKTEACH	9th	3.81	3.83	***	.17
			10th	3.97	3.81		
			11th	3.92	3.85		
			12th	3.98	3.85		

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Values, Awareness, and Motivation (continued)							
				<i>1=strongly disagree, 2=disagree, 3=neutral, 4=agree, 5=strongly agree</i>			
19g.	I've worked harder than I expected to work in school.	WKHARDER	9th	3.49	3.34	**	.14
			10th	3.37	3.31		
			11th	3.37	3.32		
			12th	3.42	3.16	***	
19h.	I think school rules are fair.	FAIRRULS	9th	2.84	2.99	**	-.13
			10th	2.93	2.87		
			11th	2.97	2.89		
			12th	3.14	2.82	***	
19i.	I think it is important to make good grades.	IMPORTGR	9th	4.38	4.33		.11
			10th	4.41	4.32	*	
			11th	4.24	4.28		
			12th	4.35	4.16	***	
19j.	I help determine how my school work is evaluated.	HLPASSMT05	9th	3.23	3.27		
			10th	3.18	3.21		
			11th	3.14	3.18		
			12th	3.10	3.11		
19k.	I care about my school.	CARESCHL	9th	3.51	3.54		-.11
			10th	3.51	3.45		
			11th	3.34	3.47	*	
			12th	3.55	3.37	**	
19l.	I place a high value on learning.	VALLEARN	9th	3.94	3.81	**	.13
			10th	4.03	3.86	***	
			11th	3.92	3.92		
			12th	4.14	3.94	***	
19m.	I have a voice in classroom decisions.	VOICE	9th	3.47	3.40		.13
			10th	3.54	3.40	*	
			11th	3.42	3.43		
			12th	3.61	3.43	***	
19n.	I put forth a great deal of effort when doing my school work.	EFFORT	9th	3.69	3.59	*	.09
			10th	3.63	3.54		
			11th	3.60	3.53		
			12th	3.67	3.40	***	

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Values, Awareness, and Motivation (continued)							
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19o.	I have opportunities to be creative in my school assignments.	CREATIVE	9th	3.76	3.65	**	.11
			10th	3.87	3.60	***	.28
			11th	3.64	3.61		
			12th	3.70	3.59	*	.11
19p.	I think the things I learn at school are useful.	USEFUL	9th	3.63	3.52	*	.10
			10th	3.67	3.42	***	.23
			11th	3.53	3.46		
			12th	3.61	3.45	**	.15
19q.	I feel safe in school.	FEELSAFE	9th	3.27	3.44	**	-.15
			10th	3.30	3.44	*	-.13
			11th	3.30	3.57	***	-.24
			12th	3.53	3.62		
19r.	The support I get at school encourages me to learn more.	LRNMORE	9th	3.32	3.25		
			10th	3.32	3.17	**	.14
			11th	3.24	3.21		
			12th	3.47	3.20	***	.26
19s.	I am challenged to do my best work at school.	BESTWORK	9th	3.70	3.55	***	.15
			10th	3.65	3.46	***	.18
			11th	3.46	3.45		
			12th	3.55	3.31	***	.23
19t.	Overall, people at school accept me for who I am.	ACCEPTME	9th	3.75	3.73		
			10th	3.78	3.73		
			11th	3.75	3.78		
			12th	3.91	3.80	*	.11
19u.	If I could select my high school, I would go to the same school again.	SELECTHS	9th	3.31	3.33		
			10th	3.21	3.22		
			11th	3.18	3.22		
			12th	3.50	3.24	***	.19
19v.	In general, I am excited about my classes.	EXCITED05	9th	3.16	3.12		
			10th	3.17	3.05	*	.12
			11th	3.10	3.12		
			12th	3.32	3.09	***	.22

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Values, Awareness, and Motivation (continued)							
<i>1=strongly disagree, 2=disagree, 3=neutral, 4=agree, 5=strongly agree</i>							
19w.	There is at least one adult in my school who cares about me and knows me well.	KNOWWELL	9th	3.58	3.59		
			10th	3.78	3.68		
			11th	3.76	3.86		
			12th	4.14	3.97	**	.15
19x.	My school work makes me curious to learn about other things.	CURIOUS	9th	3.45	3.34	*	.11
			10th	3.54	3.33	***	.20
			11th	3.49	3.42		
			12th	3.71	3.43	***	.28

1=emphasizes very little, 2=emphasizes some, 3=emphasizes quite a bit, 4=emphasizes very much

Class Work Emphases

20a.	Memorizing facts or ideas from your courses and readings so you can repeat them in similar form	MEMORIZE	9th	2.73	2.71		
			10th	2.79	2.73		
			11th	2.69	2.79	*	-.11
			12th	2.66	2.72		
20b.	Understanding information and its meaning; being able to explain ideas in pretty much your own words	UNDRSTND05	9th	2.98	2.90	*	.09
			10th	3.05	2.92	**	.16
			11th	2.92	2.96		
			12th	3.13	2.93	***	.23
20c.	Applying information to new situations or real-world problems	APPLYINF05	9th	2.63	2.60		
			10th	2.72	2.57	**	.16
			11th	2.53	2.60		
			12th	2.71	2.59	**	.14
20d.	Analyzing/examining the basic parts of an idea or experience	EXAMNING05	9th	2.63	2.57		
			10th	2.69	2.58	**	.13
			11th	2.55	2.65	*	-.11
			12th	2.76	2.63	**	.15
20e.	Organizing and combining ideas to form new meanings/relationships	ORGNZING05	9th	2.61	2.55		
			10th	2.69	2.54	***	.17
			11th	2.50	2.58		
			12th	2.75	2.56	***	.22
20f.	Making judgments about the value of information or ideas; evaluating whether conclusions are sound	JUDGINF005	9th	2.63	2.56		
			10th	2.67	2.56	*	.13
			11th	2.65	2.61		
			12th	2.73	2.58	**	.16

^a Independent sample t-tests, 2-tailed; * p < .05; ** p < .01; and *** p < .001.

^b Effect size = mean difference divided by HSSSE 2005 standard deviation.



High School Survey of Student Engagement

HSSSE 2005 Means Comparisons

Sample High School

Item #	Survey Item	Var. Name	Grade	Sample HS	HSSSE 2005		
				Mean	Mean	Sig ^a	Effect Size ^b
<i>1=emphasizes very little, 2=emphasizes some, 3=emphasizes quite a bit, 4=emphasizes very much</i>							
School Emphases							
21a.	Spending a lot of time studying and on school work	STUDYTM05	9th	2.85	2.76	*	.09
			10th	2.88	2.75	*	.14
			11th	2.73	2.78		
			12th	2.85	2.64	***	.22
21b.	Providing the support needed to succeed in school	SUPPSUCC	9th	2.73	2.70		
			10th	2.71	2.62		
			11th	2.56	2.62		
			12th	2.71	2.56	***	.18
21c.	Preparing for standardized tests	PREPTEST	9th	2.65	2.69		
			10th	2.72	2.69		
			11th	2.51	2.60	*	-.10
			12th	2.59	2.50	*	.10
21d.	Encouraging contact among students of different backgrounds and beliefs (race, religions, politics, etc.)	ENCDIVRS05	9th	2.67	2.48	***	.19
			10th	2.70	2.34	***	.36
			11th	2.54	2.30	***	.24
			12th	2.59	2.23	***	.37
21e.	Participating in school events and activities (athletics, plays, etc.)	SCHEVENT	9th	2.72	2.85	**	-.13
			10th	2.73	2.81		
			11th	2.56	2.80	***	-.25
			12th	2.63	2.75	*	-.11
21f.	Using computers in class work	USECOMPT	9th	2.66	2.62		
			10th	2.76	2.58	***	.19
			11th	2.59	2.67		
			12th	2.67	2.72		
21g.	Providing helpful comments on student performance	HELPFDBK05	9th	2.57	2.51		
			10th	2.64	2.44	***	.24
			11th	2.49	2.44		
			12th	2.53	2.43	*	.12
21h.	Encouraging students to explore new ideas	NEWIDEAS	9th	2.65	2.52	***	.14
			10th	2.70	2.48	***	.24
			11th	2.57	2.47	*	.10
			12th	2.65	2.43	***	.25

^a Independent sample t-tests, 2-tailed; * p < .05; ** p < .01; and *** p < .001.

^b Effect size = mean difference divided by HSSSE 2005 standard deviation.



High School Survey of Student Engagement

HSSSE 2005 Means Comparisons

Sample High School

Item #	Survey Item	Var. Name	Grade	Sample HS	HSSSE 2005		
				Mean	Mean	Sig ^a	Effect Size ^b
School Emphases (continued)							
21i.	Recognizing academic excellence	ACADEX	9th	2.80	2.79		
			10th	2.87	2.79		
			11th	2.79	2.83		
			12th	2.86	2.83		
21j.	Recognizing athletic achievement	ATHLETIC	9th	2.78	2.97	***	-.19
			10th	2.87	3.04	***	-.18
			11th	2.86	3.10	***	-.25
			12th	2.93	3.10	***	-.18
21k.	Involving students in school leadership and governance	SCHGOVER05	9th	2.55	2.46		
			10th	2.61	2.46	**	.17
			11th	2.47	2.48		
			12th	2.51	2.45		
21l.	Treating students fairly	TRTFAIR05	9th	2.58	2.63		
			10th	2.61	2.49	*	.12
			11th	2.42	2.44		
			12th	2.55	2.40	**	.16
21m.	Continuing your education (college, career training, etc.)	CONTEduc	9th	3.13	3.13		
			10th	3.22	3.10	*	.13
			11th	3.06	3.13		
			12th	3.26	3.10	***	.18

1=emphasizes very little, 2=emphasizes some, 3=emphasizes quite a bit, 4=emphasizes very much

Impact of Student's School Experience on Academic and Personal Development

1=very little, 2=some, 3=quite a bit, 4=very much

23a.	Learning work-related skills	WKSKILL	9th	2.66	2.57	*	.10
			10th	2.68	2.52	**	.18
			11th	2.54	2.49		
			12th	2.61	2.48	**	.15
23b.	Writing effectively	WRITEEFF05	9th	2.80	2.78		
			10th	3.02	2.82	***	.23
			11th	2.84	2.88		
			12th	3.04	2.89	**	.17

^a Independent sample t-tests, 2-tailed; * p < .05; ** p < .01; and *** p < .001.

^b Effect size = mean difference divided by HSSSE 2005 standard deviation.



High School Survey of Student Engagement

HSSSE 2005 Means Comparisons Sample High School

Item #	Survey Item	Var. Name	Grade	Sample HS	HSSSE 2005		
				Mean	Mean	Sig ^a	Effect Size ^b
Impact of Student's School Experience (continued)							
				<i>1=very little, 2=some, 3=quite a bit, 4=very much</i>			
23c.	Speaking effectively	SPEAKEFF05	9th	2.70	2.66		
			10th	2.75	2.69		
			11th	2.65	2.72		
			12th	2.75	2.70		
23d.	Thinking deeply and critically	THNKDEEP	9th	2.79	2.74		
			10th	2.91	2.74	***	.19
			11th	2.81	2.78		
			12th	2.94	2.78	**	.17
23e.	Using computers and information technology	USETECH	9th	2.82	2.75		
			10th	2.86	2.74	**	.13
			11th	2.68	2.77	*	-.10
			12th	2.76	2.81		
23f.	Working well with others	WKOTHERS05	9th	2.82	2.82		
			10th	2.79	2.79		
			11th	2.75	2.79		
			12th	2.83	2.81		
23g.	Learning on your own	LEARNOWN	9th	2.88	2.84		
			10th	2.95	2.83	*	.13
			11th	2.86	2.84		
			12th	3.01	2.84	***	.19
23h.	Understanding people of other racial and ethnic backgrounds	UNDRPEOP	9th	2.81	2.59	***	.22
			10th	2.81	2.51	***	.30
			11th	2.65	2.46	***	.19
			12th	2.67	2.42	***	.24
23i.	Solving real-world problems	SOLVPROB	9th	2.55	2.48		
			10th	2.59	2.40	***	.20
			11th	2.44	2.40		
			12th	2.56	2.39	***	.18
23j.	Developing clear career goals	DEVGOALS	9th	2.61	2.60		
			10th	2.74	2.56	***	.18
			11th	2.53	2.53		
			12th	2.63	2.50	*	.13

^a Independent sample t-tests, 2-tailed; * p < .05; ** p < .01; and *** p < .001.

^b Effect size = mean difference divided by HSSSE 2005 standard deviation.



High School Survey of Student Engagement

HSSSE 2005 Means Comparisons Sample High School

Item #	Survey Item	Var. Name	Grade	Sample HS	HSSSE 2005		
				Mean	Mean	Sig ^a	Effect Size ^b
Impact of Student's School Experience (continued)							
				<i>1=very little, 2=some, 3=quite a bit, 4=very much</i>			
23k.	Making your community a better place	COMMBTR	9th	2.38	2.20	***	.19
			10th	2.35	2.13	***	.24
			11th	2.25	2.15	*	.11
			12th	2.34	2.18	**	.17
23l.	Preparing for college	PREPCOLL	9th	2.83	2.74	*	.10
			10th	3.06	2.81	***	.26
			11th	2.83	2.87		
			12th	3.10	2.89	***	.22
23m.	Understanding yourself	KNOWSELF	9th	2.70	2.57	**	.13
			10th	2.73	2.48	***	.24
			11th	2.55	2.46		
			12th	2.62	2.47	**	.15
23n.	Developing personal values	DEVELVAL	9th	2.69	2.60	*	.09
			10th	2.69	2.51	***	.17
			11th	2.52	2.48		
			12th	2.59	2.48	*	.11

^a Independent sample t-tests, 2-tailed; * p < .05; ** p < .01; and *** p < .001.

^b Effect size = mean difference divided by HSSSE 2005 standard deviation.