



## National Survey of Student Engagement

Lock Haven University

Mean Comparisons

August 2008



# Interpreting the Mean Comparisons Report

## Sample

The *Mean Comparisons* report is based on information from all randomly selected students for both your institution and your comparison institutions. Targeted oversamples and other non-randomly selected students are not included in this report.

## Variables

The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument. The name of each variable appears in the second column for easy reference to your data file and the summary statistics at the end of this section. Response options are also provided to help you interpret the statistics.

## Benchmark

Items that make up the five “Benchmarks of Effective Educational Practice” are indicated by the following:

**LAC**=Level of Academic Challenge

**ACL**=Active and Collaborative Learning

**SFI**=Student-Faculty Interaction

**EEE**=Enriching Educational Experiences

**SCE**=Supportive Campus Environment

## Mean

The mean is the *weighted* arithmetic average of student responses on a particular item. Means are provided for your institution and all comparison groups. For more information

about weighting go to:

[www.nsse.iub.edu/2008\\_Institutional\\_Report/NSSE\\_2008\\_Weighting.cfm](http://www.nsse.iub.edu/2008_Institutional_Report/NSSE_2008_Weighting.cfm).

## Class

Results are reported separately for first-year students (FY) and seniors (SR).

Institution-reported class ranks are used.

## Statistical Significance

Items with mean differences that are larger than would be expected by chance alone are noted with one, two, or three asterisks, referring to three significance levels ( $p < .05$ ,  $p < .01$ , and  $p < .001$ ). The smaller the significance level, the smaller the likelihood that the difference is due to chance. *Statistical significance does not guarantee the result is substantive or important.* Large sample sizes (like those produced by NSSE) tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. It is recommended to consult effect sizes (see below) to judge the practical meaning of the results.

## Effect Size

Effect size indicates the “practical significance” of the mean difference. It is calculated by dividing the mean difference by the pooled standard deviation. In practice, an effect size of .2 is often considered small, .5 moderate, and .8 large. A positive sign indicates that your institution's mean was greater, thus showing an affirmative result for your institution. A negative sign indicates the institution lags behind the comparison group, suggesting that the student behavior or



NSSE 2008 Mean Comparisons  
NSSEville State University

NSSEville State compared with:

Variable	Benchmark	Class	NSSEville State		Mid East Public			Carnegie Class			NSSE 2008		
			Mean <sup>a</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
1. Academic and Intellectual Experiences													
a. Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.84	2.65	***	.23	2.62	***	.27	2.74	**	.12
			SR	3.27	2.90	***	.43	2.91	***	.41	3.03	***	.27
b. Made a class presentation	CLPRESEN	ACL	FY	2.33	2.09	***	.33	2.08	***	.33	2.21	***	.15
			SR	2.85	2.62	***	.27	2.65	***	.24	2.77	*	.10
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	SFI	FY	2.59	2.53		.07	2.53		.06	2.64		-.05
			SR	2.57	2.30	***	.28	2.37	***	.20	2.47	*	.10
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	SFI	FY	3.04	2.96	**	.11	2.95	**	.11	3.03		.02
			SR	3.34	3.22	**	.15	3.24	**	.13	3.29		.06
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	SFI	FY	2.84	2.71	***	.14	2.72	**	.13	2.75	*	.09
			SR	2.88	2.73	***	.17	2.73	***	.16	2.80	*	.09
f. Come to class without completing readings or assignments	CLUNPREP	SFI	FY	1.97	2.07	**	-.12	2.09	***	-.15	2.02		-.06
			SR	1.95	2.23	***	-.36	2.22	***	-.33	2.11	***	-.20

institutional practice represented by the item may warrant attention. An exception to this interpretation is the “coming to class unprepared” item (item 1f.) where a negative sign is preferred (i.e., meaning fewer students reporting coming to class unprepared).

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>											
				<b>LHU</b>			<b>PASSHE</b>			<b>Carnegie Class</b>			<b>NSSE 2008</b>		
Variable	Bench- mark	Class		Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>		
<i>In your experience at your institution during the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often</i>															
<b>1. Academic and Intellectual Experiences</b>															
a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.82	2.73	*	.11	2.93	**	-.13	2.78		.04	
				SR	3.24	3.13	*	.14	3.28		-.04	3.07	***	.20	
b.	Made a class presentation	CLPRESEN	ACL	FY	2.11	2.35	***	-.31	2.45	***	-.40	2.27	***	-.19	
				SR	3.05	2.91	**	.17	2.92	**	.15	2.80	***	.29	
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.70	2.62		.08	2.74		-.04	2.65		.05	
				SR	2.34	2.41		-.08	2.62	***	-.29	2.47	*	-.14	
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	2.99	3.01		-.02	3.13	***	-.18	3.06	*	-.09	
				SR	3.32	3.29		.04	3.40		-.11	3.30		.02	
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.70	2.71		-.01	2.83	**	-.14	2.78		-.09	
				SR	2.73	2.80		-.08	2.96	***	-.25	2.81		-.09	
f.	Come to class without completing readings or assignments	CLUNPREP		FY	1.84	1.97	***	-.18	1.94	**	-.13	2.01	***	-.22	
				SR	2.05	2.07		-.02	1.91	**	.18	2.10		-.06	
g.	Worked with other students on projects <b>during class</b>	CLASSGRP	ACL	FY	2.52	2.46		.07	2.48		.04	2.41	**	.13	
				SR	2.60	2.60		.00	2.56		.05	2.52		.09	
h.	Worked with classmates <b>outside of class</b> to prepare class assignments	OCCGRP	ACL	FY	2.31	2.41	*	-.11	2.47	***	-.18	2.40	*	-.10	
				SR	2.84	2.81		.03	2.66	***	.19	2.75		.10	
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.54	2.62	*	-.10	2.64	*	-.12	2.63	*	-.12	
				SR	2.84	2.97	**	-.17	2.97	**	-.16	2.94	*	-.13	
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.56	1.61		-.06	1.75	***	-.21	1.70	**	-.16	
				SR	1.93	1.92		.01	1.86		.08	1.88		.06	
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.63	1.59		.05	1.72	*	-.10	1.60		.04	
				SR	1.92	1.80	*	.13	1.86		.07	1.74	***	.20	

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>									
				<b>LHU</b>	<b>PASSHE</b>			<b>Carnegie Class</b>			<b>NSSE 2008</b>		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean<sup>a</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>
l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.66	*	.12	2.55	*	.11	2.59		.07
				SR	2.84		.08	2.82		.02	2.82		.02
m.	Used e-mail to communicate with an instructor	EMAIL	SFI	FY	3.24	**	.17	3.13	**	.13	3.11	**	.16
				SR	3.48	**	.17	3.39	*	.12	3.38	*	.13
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.55		-.05	2.75	***	-.23	2.62		-.08
				SR	2.91		.08	2.95		-.04	2.81	*	.12
o.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	2.11	**	-.15	2.31	***	-.22	2.19		-.09
				SR	2.76	***	.23	2.59	**	.18	2.42	***	.35
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.81		-.10	2.01	***	-.21	1.91	*	-.11
				SR	2.33	**	.19	2.23		.10	2.12	***	.22
q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	SFI	FY	2.56		-.07	2.72	***	-.20	2.65	*	-.12
				SR	2.87		.05	2.92		-.06	2.80		.09
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.60		-.09	2.73	***	-.16	2.65		-.07
				SR	2.70		-.05	2.84	**	-.16	2.73		-.03
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.55	***	-.16	1.81	***	-.29	1.65	**	-.12
				SR	2.19	**	.20	1.92	***	.27	1.84	***	.37
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.53	*	-.11	2.75	***	-.25	2.69	***	-.19
				SR	2.74		-.03	2.91	**	-.19	2.84	*	-.12
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.46		-.06	2.59	*	-.12	2.60	**	-.14
				SR	2.55		-.01	2.63		-.09	2.67	*	-.12
v.	Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values	DIFFSTU2	EEE	FY	2.58	*	-.12	2.67		-.10	2.70	*	-.12
				SR	2.68		.00	2.68		.00	2.71		-.04

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>											
				<b>LHU</b>			<b>PASSHE</b>			<b>Carnegie Class</b>			<b>NSSE 2008</b>		
Variable	Bench- mark	Class		Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>		
<i>During the current school year, how much has your coursework emphasized the following mental activities? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>															
<b>2. Mental Activities</b>															
a.	<b>Memorizing</b> facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE	FY	2.90	2.96		-.08	2.88		.02	2.90		.00		
			SR	2.84	2.84		-.01	2.69	**	.16	2.75		.09		
b.	<b>Analyzing</b> the basic elements of an idea, experience, or theory, such as examining a particular case or situation in depth and considering its components	ANALYZE	LAC	2.99	2.98		.01	3.06		-.09	3.10	**	-.15		
			SR	3.11	3.20		-.12	3.28	***	-.22	3.24	**	-.17		
c.	<b>Synthesizing</b> and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESEZ	LAC	2.78	2.78		.00	2.88	*	-.12	2.89	*	-.13		
			SR	2.96	3.04		-.10	3.11	**	-.19	3.05		-.11		
d.	<b>Making judgments</b> about the value of information, arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their	EVALUATE	LAC	2.79	2.84		-.06	2.93	***	-.17	2.90	**	-.13		
			SR	2.99	2.99		-.01	3.08		-.11	3.01		-.02		
e.	<b>Applying</b> theories or concepts to practical problems or in new situations	APPLYING	LAC	3.00	2.98		.02	3.02		-.03	3.03		-.04		
			SR	3.15	3.23		-.10	3.25	*	-.13	3.19		-.05		
<i>During the current school year, about how much reading and writing have you done? 1=None, 2=1-4, 3=5-10, 4=11-20, 5=More than 20</i>															
<b>3. Reading and Writing</b>															
a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	LAC	3.16	3.22		-.06	3.28	*	-.12	3.24		-.09		
			SR	3.14	3.14		.00	3.25		-.10	3.20		-.06		
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	FY	1.86	1.99	**	-.15	2.12	***	-.27	2.06	***	-.22		
			SR	2.08	2.12		-.04	2.24	**	-.16	2.19	*	-.11		
c.	Number of written papers or reports of <u>20 pages or more</u>	WRITEMOR	LAC	1.21	1.25		-.05	1.35	***	-.18	1.28	*	-.10		
			SR	1.68	1.60		.10	1.68		-.01	1.64		.05		
d.	Number of written papers or reports <u>between 5 and 19 pages</u>	WRITEMID	LAC	2.08	2.23	***	-.19	2.32	***	-.28	2.29	***	-.24		
			SR	2.60	2.60		.00	2.65		-.05	2.58		.02		
e.	Number of written papers or reports of <u>fewer than 5 pages</u>	WRITESML	LAC	2.89	3.03	*	-.13	3.09	***	-.18	3.04	**	-.14		
			SR	3.28	3.10	*	.15	3.01	***	.22	3.00	***	.24		

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>											
				<b>LHU</b>			<b>PASSHE</b>			<b>Carnegie Class</b>			<b>NSSE 2008</b>		
Variable	Bench- mark	Class		Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>		
<b>4. Problem Sets</b>															
<i>In a typical week, how many homework problem sets do you complete? 1=None, 2=1-2, 3=3-4, 4=5-6, 5=More than 6</i>															
a.	Number of problem sets that take you <b>more</b> than an hour to complete	PROBSETA	FY	2.51	2.51		-.01	2.67	**	-.15	2.69	***	-.16		
			SR	2.67	2.54		.10	2.66		.00	2.61		.05		
b.	Number of problem sets that take you <b>less</b> than an hour to complete	PROBSETB	FY	2.89	2.85		.04	2.78		.09	2.75	**	.12		
			SR	2.59	2.58		.01	2.42	*	.14	2.35	**	.19		
<b>5. Examinations</b>															
<i>1=Very little to 7=Very much</i>															
	Select the circle that best represents the extent to which your examinations during the current school year challenged you to do your best work.	EXAMS	FY	5.38	5.33		.04	5.33		.04	5.41		-.03		
			SR	5.24	5.28		-.04	5.45	**	-.16	5.39	*	-.12		
<b>6. Additional Collegiate Experiences</b>															
<i>During the current school year, about how often have you done each of the following? 1=Never, 2=Sometimes, 3=Often, 4=Very often</i>															
a.	Attended an art exhibit, play, dance, music, theatre or other performance	ATDART07	FY	2.15	2.20		-.06	2.27	**	-.13	2.22		-.07		
			SR	2.21	2.05	**	.17	2.08	*	.14	2.07	*	.15		
b.	Exercised or participated in physical fitness activities	EXRCSE05	FY	3.03	2.89	**	.14	2.76	***	.26	2.79	***	.23		
			SR	2.96	2.75	**	.20	2.59	***	.34	2.68	***	.27		
c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	FY	1.81	1.83		-.02	2.12	***	-.29	2.06	***	-.22		
			SR	1.84	1.90		-.06	2.23	***	-.35	2.11	***	-.24		
d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.50	2.48		.02	2.63	**	-.14	2.60	*	-.11		
			SR	2.74	2.63	*	.12	2.75		-.01	2.68		.06		
e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.62	2.67		-.06	2.77	***	-.18	2.76	***	-.17		
			SR	2.81	2.80		.02	2.88		-.08	2.83		-.03		
f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.70	2.77		-.08	2.87	***	-.21	2.85	***	-.17		
			SR	2.85	2.85		.01	2.93		-.10	2.89		-.04		
<b>7. Enriching Educational Experiences</b>															
<i>Which of the following have you done or do you plan to do before you graduate from your institution? (Recoded: 0=Have not decided, Do not plan to do, Plan to do; 1=Done. Thus, the mean is the proportion responding "Done" among all valid respondents.)</i>															
a.	Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	EEE	FY	.04	.07	*	-.11	.10	***	-.19	.08	***	-.14	
			SR	.63	.55	**	.17	.54	**	.19	.53	***	.20		

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>									
				LHU		PASSHE		Carnegie Class			NSSE 2008		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean<sup>a</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>
b.	Community service or volunteer work	VOLNTR04	EEE	FY	.31	*	-.11	.44	***	-.26	.38	**	-.15
				SR	.70	**	.18	.61	**	.17	.60	***	.21
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	EEE	FY	.08	***	-.26	.18	***	-.27	.16	***	-.23
				SR	.38	*	.17	.29	**	.20	.26	***	.27
d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.04		-.07	.08	***	-.15	.05		-.08
				SR	.24	*	.17	.20		.09	.20		.10
e.	Foreign language coursework	FORLNG04	EEE	FY	.04	***	-.30	.19	***	-.39	.22	***	-.43
				SR	.25	**	-.16	.40	***	-.31	.41	***	-.34
f.	Study abroad	STDABR04	EEE	FY	.00	***	-.12	.05	***	-.21	.03	***	-.15
				SR	.14	***	.29	.14		.01	.15		-.03
g.	Independent study or self-designed major	INDSTD04	EEE	FY	.02		-.04	.06	***	-.16	.04	*	-.09
				SR	.22	***	.28	.25		-.06	.18		.10
h.	Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	EEE	FY	.03		.04	.03		.02	.02		.07
				SR	.25		-.02	.35	***	-.22	.33	**	-.16

Select the circle that best represents the quality of your relationships with people at your institution.

1=Unfriendly, Unsupportive, Sense of alienation to 7=Friendly, Supportive, Sense of belonging

**8. Quality of Relationships**

a.	Relationships with <u>other students</u>	ENVSTU	SCE	FY	5.51		.01	5.53		-.01	5.47		.03
				SR	5.78	*	.14	5.62	*	.11	5.59	*	.14
<i>1=Unavailable, Unhelpful, Unsympathetic to 7=Available, Helpful, Sympathetic</i>													
b.	Relationships with <u>faculty members</u>	ENVFAC	SCE	FY	5.23		.09	5.36		-.09	5.19		.03
				SR	5.73	***	.23	5.67		.05	5.41	***	.23
<i>1=Unhelpful, Inconsiderate, Rigid to 7=Helpful, Considerate, Flexible</i>													
c.	Relationships with <u>administrative personnel and offices</u>	ENVADM	SCE	FY	4.71		.10	4.82		-.07	4.65		.04
				SR	4.74	**	.18	4.78		-.02	4.53	*	.12

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>											
				<b>LHU</b>			<b>PASSHE</b>			<b>Carnegie Class</b>			<b>NSSE 2008</b>		
Variable	Bench- mark	Class		Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>		
<i>About how many hours do you spend in a typical 7-day week doing each of the following? 1=0 hrs/wk, 2=1-5 hrs/wk, 3=6-10 hrs/wk, 4=11-15 hrs/wk, 5=16-20 hrs/wk, 6=21-25 hrs/wk, 7=26-30 hrs/wk, 8=More than 30 hrs/wk</i>															
<b>9. Time Usage</b>															
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY	3.88	3.87	.01	3.92		-.03	4.04	*	-.10		
				SR	4.13	4.06	.04	4.13		.00	4.14		-.01		
b.	Working for pay <u>on campus</u>	WORKON01		FY	1.30	1.46	**	-.14	1.63	***	-.25	1.55	***	-.19	
				SR	2.32	1.81	***	.33	1.76	***	.36	1.79	***	.34	
c.	Working for pay <u>off campus</u>	WORKOF01		FY	2.07	2.18		-.05	2.51	***	-.19	2.46	***	-.17	
				SR	2.74	3.39	***	-.26	4.22	***	-.51	3.79	***	-.38	
d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	2.43	2.40		.02	2.28		.09	2.26		.11	
				SR	2.52	2.32	*	.13	2.06	***	.30	2.11	***	.27	
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	3.84	3.85		-.01	3.75		.05	3.76		.04	
				SR	3.39	3.54		-.10	3.35		.03	3.49		-.07	
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.65	1.66		-.01	1.93	***	-.15	1.79		-.08	
				SR	1.84	2.01		-.09	2.90	***	-.41	2.38	***	-.24	
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.16	2.10		.05	2.28	*	-.10	2.26		-.09	
				SR	2.35	2.35		.00	2.32		.03	2.36		-.01	
<i>To what extent does your institution emphasize each of the following? 1=Very little, 2=Some, 3=Quite a bit, 4=Very much</i>															
<b>10. Institutional Environment</b>															
a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY	3.12	3.12		.00	3.11		.02	3.14		-.03	
				SR	3.13	3.06		.09	3.16		-.04	3.14		-.02	
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	2.98	3.00		-.03	3.10	**	-.15	3.07	*	-.12	
				SR	3.03	2.89	**	.17	3.08		-.07	2.93		.11	
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.63	2.65		-.02	2.72		-.09	2.70		-.07	
				SR	2.56	2.40	**	.17	2.60		-.04	2.50		.06	

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>											
				<b>LHU</b>			<b>PASSHE</b>			<b>Carnegie Class</b>			<b>NSSE 2008</b>		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean<sup>a</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>	<i>Mean<sup>a</sup></i>	<i>Sig<sup>b</sup></i>	<i>Effect Size<sup>c</sup></i>		
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	FY	2.32	2.26		.06	2.34		-.02	2.27		.06		
			SR	2.15	1.96	**	.20	2.12		.03	1.99	*	.16		
e.	Providing the support you need to thrive socially	ENVSOCAL	FY	2.49	2.49		.00	2.53		-.05	2.49		.00		
			SR	2.41	2.22	***	.22	2.29	*	.13	2.23	**	.20		
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT	FY	2.74	2.81		-.09	2.87	**	-.15	2.84	*	-.10		
			SR	2.77	2.63	*	.15	2.60	**	.17	2.61	**	.16		
g.	Using computers in academic work	ENVCOMPT	FY	3.20	3.28		-.10	3.27		-.09	3.31	**	-.14		
			SR	3.49	3.41		.11	3.44		.06	3.46		.04		

*To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?*

*1=Very little, 2=Some, 3=Quite a bit, 4=Very much*

**11. Educational and Personal Growth**

a.	Acquiring a broad general education	GNGENLED	FY	3.19	3.18		.01	3.18		.01	3.20		-.01
			SR	3.24	3.25		.00	3.36	*	-.15	3.29		-.06
b.	Acquiring job or work-related knowledge and skills	GNWORK	FY	2.78	2.83		-.05	2.82		-.04	2.80		-.02
			SR	3.27	3.14	*	.14	3.15	*	.14	3.07	***	.21
c.	Writing clearly and effectively	GNWRITE	FY	2.97	3.01		-.05	3.07	*	-.12	3.02		-.06
			SR	3.14	3.09		.06	3.22		-.10	3.11		.03
d.	Speaking clearly and effectively	GNSPEAK	FY	2.78	2.89	*	-.13	2.92	**	-.16	2.85		-.07
			SR	3.14	3.04		.12	3.12		.03	3.00	*	.16
e.	Thinking critically and analytically	GNANALY	FY	3.11	3.13		-.03	3.20	*	-.12	3.21	*	-.13
			SR	3.31	3.32		-.01	3.41	*	-.13	3.36		-.06
f.	Analyzing quantitative problems	GNQUANT	FY	2.88	2.88		.00	2.94		-.06	2.96		-.09
			SR	3.03	3.05		-.02	3.11		-.09	3.08		-.06
g.	Using computing and information technology	GNCMPTS	FY	3.00	3.00		.00	3.02		-.02	3.04		-.05
			SR	3.20	3.20		.01	3.25		-.05	3.22		-.02
h.	Working effectively with others	GNOTHERS	FY	3.03	3.00		.03	3.04		-.01	2.99		.05
			SR	3.22	3.22		.01	3.22		.00	3.17		.07

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.

**NSSE 2008 Mean Comparisons  
Lock Haven University**

				<i>LHU compared with:</i>									
				LHU		PASSHE		Carnegie Class			NSSE 2008		
	Variable	Bench- mark	Class	Mean <sup>a</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>	Mean <sup>a</sup>	Sig <sup>b</sup>	Effect Size <sup>c</sup>
i.	Voting in local, state, or national elections	GNCITIZN	FY	2.05	2.23	**	-.18	2.20	**	-.15	2.24	***	-.18
			SR	2.00	2.06		-.07	2.13	*	-.12	2.11		-.11
j.	Learning effectively on your own	GNINQ	FY	2.93	2.92		.02	2.98		-.05	2.96		-.03
			SR	3.08	3.00		.08	3.13		-.07	3.05		.03
k.	Understanding yourself	GNSELF	FY	2.85	2.77		.08	2.88		-.03	2.81		.05
			SR	2.94	2.79	*	.16	2.94		.00	2.83		.11
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.74	2.65		.10	2.68		.06	2.67		.07
			SR	2.61	2.55		.06	2.75	*	-.13	2.64		-.03
m.	Solving complex real-world problems	GNPROBSV	FY	2.70	2.66		.04	2.70		.01	2.69		.02
			SR	2.71	2.71		.00	2.84	*	-.14	2.78		-.07
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.72	2.65		.08	2.78		-.06	2.70		.03
			SR	2.75	2.67		.08	2.87		-.11	2.71		.04
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.43	2.38		.04	2.55	*	-.12	2.47		-.05
			SR	2.52	2.40		.11	2.61		-.10	2.48		.04
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	2.19	2.06	*	.13	2.34	**	-.14	2.15		.04
			SR	1.86	1.83		.03	2.21	***	-.31	1.96		-.08
<b>12. Academic Advising</b>				<i>1=Poor, 2=Fair, 3=Good, 4=Excellent</i>									
	Overall, how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	FY	3.07	2.94	**	.15	3.03		.04	3.00		.08
			SR	3.17	2.85	***	.34	3.01	**	.17	2.85	***	.33
<b>13. Satisfaction</b>				<i>1=Poor, 2=Fair, 3=Good, 4=Excellent</i>									
	How would you evaluate your entire educational experience at this institution?	ENTIREXP	FY	3.18	3.13		.08	3.16		.02	3.19		-.02
			SR	3.21	3.11	*	.13	3.25		-.05	3.21		.00
<b>14.</b>				<i>1=Definitely no, 2=Probably no, 3=Probably yes, 4=Definitely yes</i>									
	If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	FY	3.18	3.15		.03	3.14		.04	3.23		-.06
			SR	3.17	3.10		.08	3.21		-.04	3.20		-.03

IPEDS: 213613

<sup>a</sup> Weighted by gender, enrollment status, and institutional size.

<sup>b</sup> \* p<.05 \*\* p<.01 \*\*\* p<.001 (2-tailed).

<sup>c</sup> Mean difference divided by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2008 Detailed Statistics <sup>a</sup>  
Lock Haven University  
First-Year Students**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
													<i>LHU</i> compared with:			<i>LHU</i> compared with:						
	LHU	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008			
CLQUEST	420	2.82	2.73	2.93	2.78	.04	.01	.01	.00	.79	.82	.83	.85	498	10,106	421	.026	.007	.354	.11	-.13	.04
CLPRESENT	417	2.11	2.35	2.45	2.27	.04	.01	.01	.00	.75	.77	.84	.81	492	462	418	.000	.000	.000	-.31	-.40	-.19
REWROPAP	417	2.70	2.62	2.74	2.65	.04	.01	.01	.00	.91	.94	.96	.98	5,380	458	418	.106	.398	.268	.08	-.04	.05
INTEGRAT	418	2.99	3.01	3.13	3.06	.04	.01	.01	.00	.75	.77	.79	.79	5,386	458	418	.638	.000	.043	-.02	-.18	-.09
DIVCLASS	420	2.70	2.71	2.83	2.78	.04	.01	.01	.00	.85	.84	.89	.88	5,377	10,048	258,100	.827	.005	.055	-.01	-.14	-.09
CLUNPREP	415	1.84	1.97	1.94	2.01	.04	.01	.01	.00	.72	.74	.76	.77	490	10,039	257,202	.000	.008	.000	-.18	-.13	-.22
CLASSGRP	418	2.52	2.46	2.48	2.41	.04	.01	.01	.00	.81	.81	.85	.84	5,390	10,069	258,032	.160	.386	.009	.07	.04	.13
OCCGRP	420	2.31	2.41	2.47	2.40	.04	.01	.01	.00	.80	.84	.90	.88	503	468	421	.021	.000	.029	-.11	-.18	-.10
INTIDEAS	399	2.54	2.62	2.64	2.63	.04	.01	.01	.00	.77	.79	.84	.82	5,112	440	242,678	.049	.010	.017	-.10	-.12	-.12
TUTOR	401	1.56	1.61	1.75	1.70	.04	.01	.01	.00	.82	.79	.89	.85	5,117	442	242,557	.290	.000	.001	-.06	-.21	-.16
COMMPROJ	399	1.63	1.59	1.72	1.60	.04	.01	.01	.00	.85	.81	.89	.84	5,098	9,526	242,319	.302	.046	.390	.05	-.10	.04
ITACADEM	398	2.66	2.54	2.55	2.59	.05	.01	.01	.00	.95	.99	1.05	1.03	5,102	440	398	.019	.019	.151	.12	.11	.07
EMAIL	398	3.24	3.11	3.13	3.11	.04	.01	.01	.00	.74	.79	.83	.82	5,102	443	242,295	.001	.004	.001	.17	.13	.16
FACGRADE	399	2.55	2.59	2.75	2.62	.04	.01	.01	.00	.86	.86	.87	.88	5,107	9,538	242,299	.359	.000	.126	-.05	-.23	-.08
FACPLANS	400	2.11	2.24	2.31	2.19	.04	.01	.01	.00	.81	.87	.93	.90	481	446	400	.003	.000	.052	-.15	-.22	-.09
FACIDEAS	401	1.81	1.89	2.01	1.91	.04	.01	.01	.00	.81	.88	.94	.90	5,111	448	242,585	.067	.000	.024	-.10	-.21	-.11
FACFEED	401	2.56	2.61	2.72	2.65	.04	.01	.01	.00	.81	.81	.85	.84	4,998	9,371	237,482	.160	.000	.019	-.07	-.20	-.12
WORKHARD	401	2.60	2.67	2.73	2.65	.04	.01	.01	.00	.78	.81	.86	.85	4,996	445	402	.078	.001	.154	-.09	-.16	-.07
FACOTHER	401	1.55	1.68	1.81	1.65	.04	.01	.01	.00	.76	.87	.93	.86	496	455	402	.001	.000	.006	-.16	-.29	-.12
OOCIDEAS	400	2.53	2.62	2.75	2.69	.04	.01	.01	.00	.82	.85	.88	.87	4,978	9,351	236,866	.033	.000	.000	-.11	-.25	-.19
DIVRSTUD	400	2.46	2.53	2.59	2.60	.05	.01	.01	.00	.98	1.00	1.01	1.01	4,990	9,347	237,040	.223	.018	.006	-.06	-.12	-.14
DIFFSTU2	400	2.58	2.69	2.67	2.70	.05	.01	.01	.00	.96	.96	.99	.98	4,988	9,349	237,102	.026	.061	.015	-.12	-.10	-.12
MEMORIZE	394	2.90	2.96	2.88	2.90	.04	.01	.01	.00	.86	.82	.89	.87	457	9,253	235,173	.160	.658	.989	-.08	.02	.00
ANALYZE	394	2.99	2.98	3.06	3.10	.04	.01	.01	.00	.78	.77	.80	.78	4,914	430	394	.797	.065	.003	.01	-.09	-.15
SYNTHESZ	394	2.78	2.78	2.88	2.89	.04	.01	.01	.00	.79	.82	.84	.84	4,909	9,201	234,261	.959	.019	.011	.00	-.12	-.13
EVALUATE	390	2.79	2.84	2.93	2.90	.04	.01	.01	.00	.83	.83	.85	.85	4,904	9,211	234,487	.269	.001	.009	-.06	-.17	-.13
APPLYING	394	3.00	2.98	3.02	3.03	.04	.01	.01	.00	.81	.82	.84	.84	4,919	9,244	234,606	.754	.594	.464	.02	-.03	-.04
READASGN	397	3.16	3.22	3.28	3.24	.05	.01	.01	.00	.93	.91	.96	.94	4,911	434	234,560	.236	.019	.085	-.06	-.12	-.09

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2008 Detailed Statistics <sup>a</sup>**

**Lock Haven University  
First-Year Students**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
	LHU	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	LHU compared with:			LHU compared with:		
																	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008
READOWN	397	1.86	1.99	2.12	2.06	.04	.01	.01	.00	.87	.90	.96	.93	472	9,235	234,701	.004	.000	.000	-.15	-.27	-.22
WRITEMOR	395	1.21	1.25	1.35	1.28	.03	.01	.01	.00	.58	.66	.76	.69	488	457	396	.263	.000	.024	-.05	-.18	-.10
WRITEMID	397	2.08	2.23	2.32	2.29	.04	.01	.01	.00	.75	.80	.84	.84	477	441	397	.000	.000	.000	-.19	-.28	-.24
WRITESML	396	2.89	3.03	3.09	3.04	.05	.01	.01	.00	.90	1.00	1.08	1.04	4,908	446	396	.011	.000	.002	-.13	-.18	-.14
PROBSETA	393	2.51	2.51	2.67	2.69	.05	.02	.01	.00	1.01	1.06	1.11	1.12	4,894	436	393	.920	.002	.001	-.01	-.15	-.16
PROBSETB	395	2.89	2.85	2.78	2.75	.06	.02	.01	.00	1.12	1.16	1.19	1.20	4,892	435	395	.438	.055	.009	.04	.09	.12
EXAMS	393	5.38	5.33	5.33	5.41	.06	.02	.01	.00	1.13	1.14	1.28	1.20	4,894	439	234,373	.457	.398	.560	.04	.04	-.03
ATDART07	390	2.15	2.20	2.27	2.22	.04	.01	.01	.00	.87	.90	.94	.93	4,847	431	391	.259	.005	.126	-.06	-.13	-.07
EXRCSE05	388	3.03	2.89	2.76	2.79	.05	.02	.01	.00	.95	1.01	1.06	1.04	467	431	389	.005	.000	.000	.14	.26	.23
WORSHPO5	389	1.81	1.83	2.12	2.06	.05	.02	.01	.00	.97	1.00	1.09	1.10	4,838	434	390	.700	.000	.000	-.02	-.29	-.22
OWNVIEW	389	2.50	2.48	2.63	2.60	.04	.01	.01	.00	.84	.87	.88	.89	4,836	9,080	231,623	.657	.006	.025	.02	-.14	-.11
OTHRVIEW	389	2.62	2.67	2.77	2.76	.04	.01	.01	.00	.83	.85	.87	.86	4,837	9,088	231,686	.261	.001	.001	-.06	-.18	-.17
CHNGVIEW	389	2.70	2.77	2.87	2.85	.04	.01	.01	.00	.80	.81	.84	.83	4,839	9,077	231,632	.142	.000	.001	-.08	-.21	-.17
INTERN04	382	.04	.07	.10	.08	.01	.00	.00	.00	.20	.26	.30	.27	495	460	384	.012	.000	.000	-.11	-.19	-.14
VOLNTR04	382	.31	.36	.44	.38	.02	.01	.01	.00	.46	.48	.50	.49	456	421	382	.039	.000	.002	-.11	-.26	-.15
LRNCOM04	382	.08	.18	.18	.16	.01	.01	.00	.00	.27	.38	.39	.37	528	455	383	.000	.000	.000	-.26	-.27	-.23
RESRCH04	381	.04	.05	.08	.05	.01	.00	.00	.00	.19	.22	.27	.23	477	451	382	.149	.000	.080	-.07	-.15	-.08
FORLNG04	382	.04	.14	.19	.22	.01	.01	.00	.00	.20	.35	.40	.41	602	520	386	.000	.000	.000	-.30	-.39	-.43
STDABR04	380	.00	.02	.05	.03	.00	.00	.00	.00	.07	.14	.22	.17	735	830	387	.000	.000	.000	-.12	-.21	-.15
INDSTD04	382	.02	.03	.06	.04	.01	.00	.00	.00	.15	.17	.24	.20	4,726	473	384	.451	.000	.032	-.04	-.16	-.09
SNRX04	382	.03	.03	.03	.02	.01	.00	.00	.00	.17	.16	.16	.14	4,720	8,877	382	.480	.692	.241	.04	.02	.07
ENVSTU	382	5.51	5.50	5.53	5.47	.08	.02	.02	.00	1.50	1.39	1.44	1.42	441	8,896	227,009	.852	.862	.584	.01	-.01	.03
ENVFAC	380	5.23	5.11	5.36	5.19	.07	.02	.01	.00	1.33	1.32	1.38	1.36	4,720	8,897	227,207	.097	.078	.527	.09	-.09	.03
ENVADM	379	4.71	4.56	4.82	4.65	.08	.02	.02	.00	1.53	1.51	1.60	1.55	4,707	8,894	226,944	.074	.198	.448	.10	-.07	.04
ACADPR01	375	3.88	3.87	3.92	4.04	.08	.02	.02	.00	1.57	1.52	1.59	1.61	4,670	8,812	225,206	.916	.584	.047	.01	-.03	-.10
WORKON01	377	1.30	1.46	1.63	1.55	.05	.02	.01	.00	.93	1.12	1.32	1.25	476	446	378	.003	.000	.000	-.14	-.25	-.19
WORKOF01	373	2.07	2.18	2.51	2.46	.10	.03	.03	.00	1.94	2.00	2.35	2.32	4,671	423	374	.321	.000	.000	-.05	-.19	-.17
COCURR01	377	2.43	2.40	2.28	2.26	.09	.02	.02	.00	1.76	1.64	1.63	1.56	435	405	377	.700	.098	.061	.02	.09	.11

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2008 Detailed Statistics <sup>a</sup>**

**Lock Haven University  
First-Year Students**

	N					Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
																	<i>LHU</i>			<i>LHU</i>						
																	<i>compared with:</i>			<i>compared with:</i>						
	LHU	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008				
SOCIAL05	375	3.84	3.85	3.75	3.76	.09	.03	.02	.00	1.66	1.67	1.70	1.66	4,667	8,795	224,722	.874	.342	.401	-.01	.05	.04				
CAREDE01	375	1.65	1.66	1.93	1.79	.07	.02	.02	.00	1.39	1.52	1.85	1.70	4,666	435	376	.874	.000	.056	-.01	-.15	-.08				
COMMUTE	377	2.16	2.10	2.28	2.26	.06	.02	.01	.00	1.14	.99	1.27	1.10	427	418	224,863	.367	.048	.069	.05	-.10	-.09				
ENVSCHOL	373	3.12	3.12	3.11	3.14	.04	.01	.01	.00	.74	.74	.78	.76	4,602	8,718	222,255	.994	.774	.601	.00	.02	-.03				
ENVSUPRT	368	2.98	3.00	3.10	3.07	.04	.01	.01	.00	.76	.78	.82	.80	4,587	407	369	.577	.003	.017	-.03	-.15	-.12				
ENVDIVRS	372	2.63	2.65	2.72	2.70	.05	.01	.01	.00	.91	.94	.97	.97	4,595	410	372	.771	.073	.180	-.02	-.09	-.07				
ENVNACAD	372	2.32	2.26	2.34	2.27	.05	.01	.01	.00	.92	.95	.98	.96	4,586	410	221,543	.236	.702	.263	.06	-.02	.06				
ENVSOCAL	367	2.49	2.49	2.53	2.49	.05	.01	.01	.00	.89	.90	.95	.93	4,579	404	220,858	.999	.349	.989	.00	-.05	.00				
ENVEVENT	372	2.74	2.81	2.87	2.84	.04	.01	.01	.00	.86	.87	.93	.93	4,586	8,686	221,515	.109	.006	.045	-.09	-.15	-.10				
ENVCOMPT	373	3.20	3.28	3.27	3.31	.04	.01	.01	.00	.84	.78	.81	.79	4,596	8,693	221,834	.056	.094	.005	-.10	-.09	-.14				
NGNENLED	363	3.19	3.18	3.18	3.20	.04	.01	.01	.00	.75	.75	.80	.78	4,522	400	363	.912	.826	.783	.01	.01	-.01				
GNWORK	361	2.78	2.83	2.82	2.80	.05	.01	.01	.00	.90	.90	.94	.94	4,508	8,515	217,867	.343	.412	.717	-.05	-.04	-.02				
GNWRITE	359	2.97	3.01	3.07	3.02	.04	.01	.01	.00	.78	.82	.85	.86	4,514	396	360	.380	.018	.253	-.05	-.12	-.06				
GNSPEAK	361	2.78	2.89	2.92	2.85	.04	.01	.01	.00	.85	.88	.90	.92	4,521	8,521	362	.018	.003	.126	-.13	-.16	-.07				
GNANALY	361	3.11	3.13	3.20	3.21	.04	.01	.01	.00	.74	.78	.79	.78	433	397	362	.608	.020	.010	-.03	-.12	-.13				
GNQUANT	360	2.88	2.88	2.94	2.96	.04	.01	.01	.00	.83	.86	.88	.87	4,493	8,519	217,458	.996	.241	.091	.00	-.06	-.09				
GNCMPTS	359	3.00	3.00	3.02	3.04	.04	.01	.01	.00	.85	.86	.89	.89	4,517	393	359	.943	.653	.364	.00	-.02	-.05				
GNOTHERS	361	3.03	3.00	3.04	2.99	.04	.01	.01	.00	.78	.85	.87	.88	437	401	362	.499	.879	.296	.03	-.01	.05				
GNCITIZN	351	2.05	2.23	2.20	2.24	.05	.02	.01	.00	1.01	1.04	1.07	1.06	416	385	351	.001	.005	.000	-.18	-.15	-.18				
GNINQ	350	2.93	2.92	2.98	2.96	.04	.01	.01	.00	.77	.83	.86	.86	423	388	350	.705	.316	.566	.02	-.05	-.03				
GNSELF	350	2.85	2.77	2.88	2.81	.05	.01	.01	.00	.88	.95	.95	.96	422	386	351	.119	.623	.357	.08	-.03	.05				
GNDIVERS	350	2.74	2.65	2.68	2.67	.05	.01	.01	.00	.87	.94	.97	.96	422	388	351	.069	.254	.153	.10	.06	.07				
GNPROBSV	350	2.70	2.66	2.70	2.69	.05	.01	.01	.00	.87	.91	.94	.93	4,424	386	351	.427	.897	.680	.04	.01	.02				
GNETHICS	350	2.72	2.65	2.78	2.70	.05	.01	.01	.00	.89	.95	.96	.99	420	385	350	.153	.234	.569	.08	-.06	.03				
GNCOMMUN	350	2.43	2.38	2.55	2.47	.05	.01	.01	.00	.97	.95	1.01	.99	4,422	8,387	213,984	.425	.026	.387	.04	-.12	-.05				
GNSPIRIT	349	2.19	2.06	2.34	2.15	.06	.02	.01	.00	1.04	1.04	1.10	1.09	4,415	383	213,912	.019	.009	.474	.13	-.14	.04				
ADVISE	360	3.07	2.94	3.03	3.00	.04	.01	.01	.00	.77	.83	.82	.84	4,472	8,486	216,754	.008	.432	.149	.15	.04	.08				
ENTIREXP	360	3.18	3.13	3.16	3.19	.04	.01	.01	.00	.68	.68	.74	.72	4,475	8,479	216,763	.159	.674	.680	.08	.02	-.02				
SAMECOLL	360	3.18	3.15	3.14	3.23	.04	.01	.01	.00	.82	.81	.86	.82	4,474	8,490	216,908	.564	.427	.256	.03	.04	-.06				

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2008 Detailed Statistics <sup>a</sup>  
Lock Haven University  
Seniors**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		LHU	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	LHU	LHU	LHU	Carnegie Class	NSSE 2008
CLQUEST	300	3.24	3.13	3.28	3.07	.05	.01	.01	.00	.80	.82	.80	.86	4,472	10,493	311,977	.018	.451	.000	.14	-.04	.20
CLPRESENT	299	3.05	2.91	2.92	2.80	.05	.01	.01	.00	.78	.81	.88	.87	4,473	321	299	.005	.004	.000	.17	.15	.29
REWROPAP	298	2.34	2.41	2.62	2.47	.05	.01	.01	.00	.91	.95	.99	.97	4,471	318	298	.182	.000	.012	-.08	-.29	-.14
INTEGRAT	300	3.32	3.29	3.40	3.30	.04	.01	.01	.00	.70	.73	.72	.74	4,467	10,507	311,701	.464	.061	.674	.04	-.11	.02
DIVCLASS	299	2.73	2.80	2.96	2.81	.05	.01	.01	.00	.86	.87	.89	.92	4,461	10,479	311,254	.205	.000	.132	-.08	-.25	-.09
CLUNPREP	296	2.05	2.07	1.91	2.10	.05	.01	.01	.00	.79	.80	.77	.79	4,450	10,435	310,274	.750	.002	.277	-.02	.18	-.06
CLASSGRP	299	2.60	2.60	2.56	2.52	.05	.01	.01	.00	.81	.85	.89	.88	4,474	319	299	.997	.316	.083	.00	.05	.09
OCCGRP	300	2.84	2.81	2.66	2.75	.05	.01	.01	.00	.79	.85	.94	.91	351	325	300	.585	.000	.055	.03	.19	.10
INTIDEAS	284	2.84	2.97	2.97	2.94	.05	.01	.01	.00	.80	.77	.82	.81	322	10,190	301,144	.008	.008	.028	-.17	-.16	-.13
TUTOR	284	1.93	1.92	1.86	1.88	.06	.02	.01	.00	.96	.97	.97	.96	4,285	10,204	301,111	.839	.180	.340	.01	.08	.06
COMMPROJ	284	1.92	1.80	1.86	1.74	.05	.01	.01	.00	.89	.90	.95	.91	4,286	301	300,779	.036	.253	.001	.13	.07	.20
ITACADEM	284	2.84	2.77	2.82	2.82	.06	.02	.01	.00	.98	1.00	1.04	1.02	4,285	302	301,208	.215	.682	.705	.08	.02	.02
EMAIL	284	3.48	3.35	3.39	3.38	.04	.01	.01	.00	.67	.73	.76	.75	332	303	283	.003	.033	.014	.17	.12	.13
FACGRADE	284	2.91	2.85	2.95	2.81	.05	.01	.01	.00	.86	.87	.88	.88	4,287	10,166	300,971	.199	.488	.046	.08	-.04	.12
FACPLANS	284	2.76	2.54	2.59	2.42	.05	.01	.01	.00	.91	.93	.97	.96	4,290	302	300,989	.000	.002	.000	.23	.18	.35
FACIDEAS	283	2.33	2.15	2.23	2.12	.06	.01	.01	.00	.93	.92	.95	.93	4,286	10,194	301,149	.002	.099	.000	.19	.10	.22
FACFEED	282	2.87	2.83	2.92	2.80	.05	.01	.01	.00	.77	.78	.80	.81	4,230	10,143	282	.440	.299	.108	.05	-.06	.09
WORKHARD	282	2.70	2.74	2.84	2.73	.05	.01	.01	.00	.81	.82	.84	.85	4,222	10,123	297,733	.431	.006	.557	-.05	-.16	-.03
FACOTHER	281	2.19	1.99	1.92	1.84	.06	.02	.01	.00	1.06	.97	.99	.95	314	294	281	.003	.000	.000	.20	.27	.37
OOCIDEAS	282	2.74	2.76	2.91	2.84	.05	.01	.01	.00	.85	.85	.87	.85	4,224	10,117	297,487	.673	.001	.038	-.03	-.19	-.12
DIVRSTUD	281	2.55	2.56	2.63	2.67	.06	.02	.01	.00	.98	.96	.99	.99	4,225	10,108	297,620	.860	.150	.038	-.01	-.09	-.12
DIFFSTU2	281	2.68	2.68	2.68	2.71	.06	.01	.01	.00	.98	.94	.97	.96	4,229	10,117	297,667	.987	.974	.509	.00	.00	-.04
MEMORIZE	280	2.84	2.84	2.69	2.75	.05	.01	.01	.00	.82	.86	.94	.92	4,207	301	280	.911	.003	.093	-.01	.16	.09
ANALYZE	280	3.11	3.20	3.28	3.24	.04	.01	.01	.00	.72	.73	.74	.75	4,196	296	280	.054	.000	.003	-.12	-.22	-.17
SYNTHESZ	278	2.96	3.04	3.11	3.05	.05	.01	.01	.00	.83	.81	.81	.83	4,187	10,052	295,081	.104	.002	.057	-.10	-.19	-.11
EVALUATE	278	2.99	2.99	3.08	3.01	.05	.01	.01	.00	.81	.84	.85	.87	4,196	10,066	295,454	.875	.060	.705	-.01	-.11	-.02
APPLYING	279	3.15	3.23	3.25	3.19	.05	.01	.01	.00	.83	.79	.79	.82	4,201	10,066	295,627	.106	.037	.375	-.10	-.13	-.05
READASGN	278	3.14	3.14	3.25	3.20	.06	.02	.01	.00	1.04	1.00	1.02	1.02	4,188	10,031	295,131	.979	.084	.349	.00	-.10	-.06

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2008 Detailed Statistics <sup>a</sup>  
Lock Haven University  
Seniors**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>						
		LHU		PASSHE	Carnegie Class	NSSE 2008	LHU		PASSHE	Carnegie Class	NSSE 2008	LHU		PASSHE	Carnegie Class	NSSE 2008	LHU compared with:		PASSHE	Carnegie Class	NSSE 2008	LHU compared with:		PASSHE	Carnegie Class	NSSE 2008
		LHU	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008
READOWN	278	2.08	2.12	2.24	2.19	.05	.01	.01	.00	.88	.93	1.01	.98	4,191	298	278	.539	.004	.047	-.04	-.16	-.11				
WRITEMOR	277	1.68	1.60	1.68	1.64	.05	.01	.01	.00	.83	.75	.82	.79	4,182	10,043	295,261	.096	.894	.437	.10	-.01	.05				
WRITEMID	278	2.60	2.60	2.65	2.58	.06	.02	.01	.00	.98	.96	.97	.96	4,192	10,047	295,353	.953	.422	.738	.00	-.05	.02				
WRITESML	280	3.28	3.10	3.01	3.00	.07	.02	.01	.00	1.13	1.15	1.20	1.16	4,193	10,033	295,339	.015	.000	.000	.15	.22	.24				
PROBSETA	277	2.67	2.54	2.66	2.61	.07	.02	.01	.00	1.23	1.18	1.20	1.21	4,173	9,935	293,149	.095	.944	.453	.10	.00	.05				
PROBSETB	274	2.59	2.58	2.42	2.35	.08	.02	.01	.00	1.24	1.22	1.23	1.21	4,161	9,891	292,166	.894	.025	.001	.01	.14	.19				
EXAMS	278	5.24	5.28	5.45	5.39	.07	.02	.01	.00	1.22	1.27	1.34	1.29	4,163	297	294,741	.550	.005	.044	-.04	-.16	-.12				
ATDART07	277	2.21	2.05	2.08	2.07	.06	.01	.01	.00	.96	.91	.91	.91	313	291	277	.009	.031	.019	.17	.14	.15				
EXRCSE05	276	2.96	2.75	2.59	2.68	.06	.02	.01	.00	1.04	1.03	1.06	1.05	4,149	292	276	.001	.000	.000	.20	.34	.27				
WORSHPO5	276	1.84	1.90	2.23	2.11	.06	.02	.01	.00	.99	1.04	1.12	1.12	4,149	296	276	.365	.000	.000	-.06	-.35	-.24				
OWNVIEW	276	2.74	2.63	2.75	2.68	.05	.01	.01	.00	.85	.89	.88	.89	4,152	9,960	292,462	.050	.880	.311	.12	-.01	.06				
OTHRVIEW	276	2.81	2.80	2.88	2.83	.05	.01	.01	.00	.86	.85	.84	.85	4,151	9,963	292,493	.800	.165	.626	.02	-.08	-.03				
CHNGVIEW	277	2.85	2.85	2.93	2.89	.05	.01	.01	.00	.79	.81	.82	.82	4,150	9,966	292,543	.933	.100	.482	.01	-.10	-.04				
INTERN04	271	.63	.55	.54	.53	.03	.01	.01	.00	.48	.50	.50	.50	312	287	271	.005	.002	.001	.17	.19	.20				
VOLNTR04	269	.70	.61	.61	.60	.03	.01	.00	.00	.46	.49	.49	.49	312	285	269	.004	.004	.000	.18	.17	.21				
LRNCOM04	271	.38	.30	.29	.26	.03	.01	.00	.00	.49	.46	.45	.44	305	284	271	.010	.003	.000	.17	.20	.27				
RESRCH04	268	.24	.17	.20	.20	.03	.01	.00	.00	.43	.38	.40	.40	298	281	268	.019	.174	.136	.17	.09	.10				
FORLNG04	269	.25	.32	.40	.41	.03	.01	.01	.00	.43	.47	.49	.49	314	288	269	.007	.000	.000	-.16	-.31	-.34				
STDABR04	269	.14	.07	.14	.15	.02	.00	.00	.00	.35	.25	.34	.36	287	9,804	288,483	.001	.917	.629	.29	.01	-.03				
INDSTD04	270	.22	.13	.25	.18	.03	.01	.00	.00	.42	.33	.43	.39	294	286	270	.000	.286	.144	.28	-.06	.10				
SNRX04	271	.25	.26	.35	.33	.03	.01	.00	.00	.43	.44	.48	.47	4,095	289	271	.767	.000	.004	-.02	-.22	-.16				
ENVSTU	271	5.78	5.60	5.62	5.59	.08	.02	.01	.00	1.27	1.32	1.39	1.37	4,093	289	271	.031	.048	.016	.14	.11	.14				
ENVFAC	273	5.73	5.43	5.67	5.41	.08	.02	.01	.00	1.26	1.30	1.34	1.37	4,102	9,834	273	.000	.434	.000	.23	.05	.23				
ENVADM	272	4.74	4.45	4.78	4.53	.10	.03	.02	.00	1.68	1.61	1.72	1.69	4,104	9,839	288,718	.004	.707	.047	.18	-.02	.12				
ACADPR01	272	4.13	4.06	4.13	4.14	.10	.03	.02	.00	1.69	1.68	1.73	1.74	4,073	9,796	287,014	.524	.982	.893	.04	.00	-.01				
WORKON01	272	2.32	1.81	1.76	1.79	.11	.02	.02	.00	1.90	1.48	1.53	1.55	295	281	272	.000	.000	.000	.33	.36	.34				
WORKOF01	272	2.74	3.39	4.22	3.79	.14	.04	.03	.01	2.25	2.54	2.93	2.81	323	298	272	.000	.000	.000	-.26	-.51	-.38				
COCURR01	271	2.52	2.32	2.06	2.11	.10	.03	.02	.00	1.69	1.61	1.55	1.55	4,070	283	271	.042	.000	.000	.13	.30	.27				

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**National Survey  
of Student Engagement**

**NSSE 2008 Detailed Statistics <sup>a</sup>  
Lock Haven University  
Seniors**

	N	Mean				Standard Error of the Mean <sup>b</sup>				Standard Deviation <sup>c</sup>				Degrees of Freedom <sup>d</sup>			Significance <sup>e</sup>			Effect Size <sup>f</sup>		
		LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	LHU	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008
		LHU	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	LHU	PASSHE	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class	NSSE 2008	LHU	Carnegie Class	NSSE 2008	PASSHE	Carnegie Class
SOCIAL05	271	3.39	3.54	3.35	3.49	.08	.03	.02	.00	1.37	1.56	1.50	1.54	323	9,779	271	.081	.683	.227	-.10	.03	-.07
CAREDE01	268	1.84	2.01	2.90	2.38	.11	.03	.03	.00	1.78	1.96	2.65	2.31	315	302	268	.132	.000	.000	-.09	-.41	-.24
COMMUTE	270	2.35	2.35	2.32	2.36	.07	.02	.01	.00	1.12	.99	1.16	1.04	4,066	9,792	287,066	.965	.663	.865	.00	.03	-.01
ENVSCHOL	272	3.13	3.06	3.16	3.14	.05	.01	.01	.00	.76	.76	.77	.77	4,034	9,733	284,816	.162	.545	.792	.09	-.04	-.02
ENVSUPRT	272	3.03	2.89	3.08	2.93	.05	.01	.01	.00	.82	.81	.83	.84	4,031	9,721	284,366	.008	.249	.071	.17	-.07	.11
ENVDIVRS	271	2.56	2.40	2.60	2.50	.06	.02	.01	.00	.95	.95	.99	.99	4,017	9,697	284,236	.006	.556	.318	.17	-.04	.06
ENVNACAD	268	2.15	1.96	2.12	1.99	.06	.01	.01	.00	.99	.91	.98	.94	301	9,693	268	.003	.685	.011	.20	.03	.16
ENVSOCAL	271	2.41	2.22	2.29	2.23	.06	.01	.01	.00	.92	.89	.96	.94	4,014	9,650	283,374	.001	.039	.001	.22	.13	.20
ENVEVENT	271	2.77	2.63	2.60	2.61	.06	.01	.01	.00	.92	.90	1.01	.96	4,027	289	271	.015	.004	.006	.15	.17	.16
ENVCOMPT	271	3.49	3.41	3.44	3.46	.04	.01	.01	.00	.70	.74	.76	.74	4,031	9,711	284,532	.081	.304	.556	.11	.06	.04
NGNENLED	265	3.24	3.25	3.36	3.29	.05	.01	.01	.00	.75	.77	.76	.79	3,976	9,650	265	.945	.014	.301	.00	-.15	-.06
GNWORK	264	3.27	3.14	3.15	3.07	.05	.01	.01	.00	.83	.89	.89	.93	3,964	9,644	281,140	.024	.030	.001	.14	.14	.21
GNWRITE	266	3.14	3.09	3.22	3.11	.05	.01	.01	.00	.79	.84	.82	.86	3,983	282	266	.361	.096	.581	.06	-.10	.03
GNSPEAK	266	3.14	3.04	3.12	3.00	.05	.01	.01	.00	.80	.86	.88	.90	3,979	284	281,163	.066	.629	.011	.12	.03	.16
GNANALY	266	3.31	3.32	3.41	3.36	.04	.01	.01	.00	.73	.75	.74	.76	3,972	9,638	281,073	.824	.039	.335	-.01	-.13	-.06
GNQUANT	267	3.03	3.05	3.11	3.08	.05	.01	.01	.00	.81	.87	.88	.88	312	284	267	.722	.108	.281	-.02	-.09	-.06
GNCMPTS	267	3.20	3.20	3.25	3.22	.05	.01	.01	.00	.79	.83	.84	.85	3,977	9,645	281,290	.888	.409	.739	.01	-.05	-.02
GNOTHERS	265	3.22	3.22	3.22	3.17	.05	.01	.01	.00	.78	.81	.84	.85	3,962	9,644	281,065	.910	.990	.285	.01	.00	.07
GNCITIZN	264	2.00	2.06	2.13	2.11	.06	.02	.01	.00	.99	1.02	1.07	1.05	3,930	281	264	.296	.035	.058	-.07	-.12	-.11
GNINQ	264	3.08	3.00	3.13	3.05	.05	.01	.01	.00	.84	.87	.87	.88	3,928	9,537	277,957	.187	.292	.582	.08	-.07	.03
GNSELF	265	2.94	2.79	2.94	2.83	.06	.02	.01	.00	.93	.97	.99	1.00	307	282	265	.011	.979	.053	.16	.00	.11
GNDIVERS	263	2.61	2.55	2.75	2.64	.06	.02	.01	.00	.96	.97	.99	.99	3,914	9,517	277,942	.329	.031	.627	.06	-.13	-.03
GNPROBSV	263	2.71	2.71	2.84	2.78	.06	.02	.01	.00	.90	.94	.96	.95	3,925	9,534	278,024	.979	.029	.271	.00	-.14	-.07
GNETHICS	265	2.75	2.67	2.87	2.71	.06	.02	.01	.00	.94	1.00	1.01	1.03	309	9,538	265	.190	.067	.484	.08	-.11	.04
GNCOMMUN	264	2.52	2.40	2.61	2.48	.06	.02	.01	.00	.96	.99	1.03	1.02	3,930	281	277,936	.078	.102	.532	.11	-.10	.04
GNSPIRIT	265	1.86	1.83	2.21	1.96	.06	.02	.01	.00	.95	1.01	1.14	1.09	309	286	265	.573	.000	.119	.03	-.31	-.08
ADVISE	265	3.17	2.85	3.01	2.85	.05	.02	.01	.00	.85	.94	.91	.95	3,963	9,625	265	.000	.006	.000	.34	.17	.33
ENTIREXP	262	3.21	3.11	3.25	3.21	.05	.01	.01	.00	.74	.72	.75	.74	3,957	9,615	280,620	.043	.410	.994	.13	-.05	.00
SAMECOLL	263	3.17	3.10	3.21	3.20	.06	.01	.01	.00	.89	.87	.87	.86	3,960	9,622	280,658	.201	.561	.591	.08	-.04	-.03

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

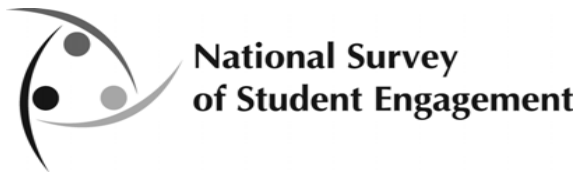
<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.



**NSSE 2008 Mean Comparisons <sup>a</sup>**  
**Pennsylvania State System of Higher Education**  
**Lock Haven University**

<b>LHU</b>	<i>LHU compared with</i> <b>PASSHE</b>
------------	---

**Pennsylvania State System of Higher Education Consortium Questions**

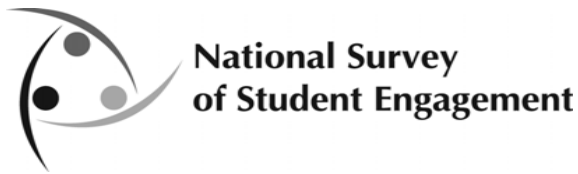
*Refer to the PASSHE codebook for response option values.*

	<i>Variable</i>	<i>Class</i>	<i>Mean</i>	<i>PASSHE Mean</i>	<i>Sig <sup>b</sup></i>	<i>Effect size <sup>c</sup></i>
<b>1. In the current school year, about how often have you:</b>						
1a. Used a web-based course management system to access the course syllabus, notes or assignments	PAS0801a	FY	3.16	3.27	*	-.13
		SR	3.03	3.23	***	-.23
1b. Taken a course that was offered on-line	PAS0801b	FY	1.51	1.27	***	.33
		SR	1.68	1.46	***	.25
1c. Participated in a research project supervised by a faculty member	PAS0801c	FY	1.70	1.58	*	.14
		SR	1.92	1.74	**	.19
1d. Attended a university athletic event	PAS0801d	FY	2.24	2.24		.00
		SR	2.19	1.93	***	.27
1e. Participated in a community-based project (e.g., service learning) as part of an organized university or student government project (not through a course)	PAS0801e	FY	1.69	1.70		-.01
		SR	2.01	1.77	***	.26
1f. Had meaningful conversations with a faculty member or administrator of a different race or ethnicity than your own	PAS0801f	FY	1.92	1.92		.00
		SR	2.22	2.14		.08
1g. Had a conversation regarding personal and academic ethics with a faculty member or residence hall staff	PAS0801g	FY	1.94	1.97		-.04
		SR	2.25	2.08	*	.17
1h. Had meaningful conversations with a person with a disability	PAS0801h	FY	1.93	1.96		-.03
		SR	2.14	2.10		.05
1i. Asked a librarian or library staff member for assistance	PAS0801i	FY	1.82	1.99	***	-.20
		SR	2.11	2.01		.12
1j. Discussed your learning style with your adviser or staff member	PAS0801j	FY	1.88	1.91		-.04
		SR	2.21	1.96	***	.26

<sup>a</sup>. Weighted by sex, enrollment status, and institution size

<sup>b</sup>. \* p<.05, \*\* p<.01, \*\*\*p<.001

<sup>c</sup>. Mean difference divided by the pooled s.d.



**NSSE 2008 Mean Comparisons <sup>a</sup>**  
**Pennsylvania State System of Higher Education**  
**Lock Haven University**

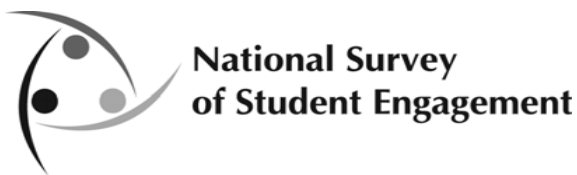
			LHU	<i>LHU compared with</i> <b>PASSHE</b>		
<b>Pennsylvania State System of Higher Education Consortium Questions</b>						
<i>Refer to the PASSHE codebook for response option values.</i>						
	Variable	Class	Mean	PASSHE Mean	Sig <sup>b</sup>	Effect size <sup>c</sup>
1k.	Discussed selection of academic majors, minors, or academic concentrations with a faculty or staff member	FY	2.28	2.31		-.03
		SR	2.34	2.23		.12
11.	Discussed career-related topics such as internships, resumes, and references with a faculty or staff member	FY	1.93	2.00		-.08
		SR	2.88	2.57	***	.32
1m.	Discussed your career plans with a faculty or staff member	FY	2.14	2.20		-.06
		SR	2.88	2.58	***	.31
<b>2. During the current school year, how many times have you had:</b>						
2a.	Assignments based on the work of minority author(s)	FY	2.23	2.05	***	.22
		SR	1.90	1.99		-.10
2b.	Assignments that addressed issues in countries other than the United States	FY	2.23	2.22		.01
		SR	2.13	2.20		-.07
<b>3. As a student at your current institution, how often have you:</b>						
3a.	Changed your major	FY	1.25	1.27		-.03
		SR	1.52	1.49		.03
3b.	Changed graduation plans because courses were not available when needed	FY	1.07	1.10		-.07
		SR	1.44	1.51		-.08
<b>4. To what extent does your institution emphasize:</b>						
4a.	A safe environment for students by providing features and services that enhance safety	FY	3.12	3.12		.00
		SR	2.83	2.91		-.09
4b.	A residential experience that facilitates adjustment to college	FY	2.91	2.88		.03
		SR	2.67	2.66		.01
4c.	Diverse perspectives and global citizenship	FY	2.78	2.67		.12
		SR	2.65	2.45	**	.21

IPEDS: 213613

<sup>a</sup>. Weighted by sex, enrollment status, and institution size

<sup>b</sup>. \* p<.05, \*\* p<.01, \*\*\*p<.001

<sup>c</sup>. Mean difference divided by the pooled s.d.



## NSSE 2008 Detailed Statistics<sup>a</sup> Pennsylvania State System of Higher Education Lock Haven University

### First-Year Students

### Seniors

	First-Year Students									Seniors											
	N	Mean	Standard Error of the Mean <sup>b</sup>			Standard deviation <sup>c</sup>			DF <sup>d</sup>	Sig. <sup>e</sup>	Effect size <sup>f</sup>	N	Mean	Standard Error of the Mean <sup>b</sup>			Standard deviation <sup>c</sup>			DF <sup>d</sup>	Sig. <sup>e</sup>
	<i>LHU compared with PASSHE</i>																				
	LHU	LHU	PASSHE	LHU	PASSHE	LHU	PASSHE	PASSHE			LHU	LHU	PASSHE	LHU	PASSHE	LHU	PASSHE	PASSHE			
PAS0801a	312	3.16	3.27	.05	.01	.84	.85	3620	.029	-.13	243	3.03	3.23	.06	.02	.88	.88	3426	.001	-.23	
PAS0801b	311	1.51	1.27	.05	.01	.89	.69	346	.000	.33	244	1.68	1.46	.06	.02	.94	.86	275	.001	.25	
PAS0801c	312	1.70	1.58	.05	.01	.86	.84	3599	.022	.14	244	1.92	1.74	.06	.02	1.01	.97	3414	.005	.19	
PAS0801d	310	2.24	2.24	.06	.02	1.02	1.02	3612	.941	.00	245	2.19	1.93	.07	.02	1.05	.96	276	.000	.27	
PAS0801e	309	1.69	1.70	.05	.02	.90	.92	3606	.845	-.01	245	2.01	1.77	.06	.02	1.00	.97	3414	.000	.26	
PAS0801f	312	1.92	1.92	.05	.02	.90	.97	3616	.944	.00	244	2.22	2.14	.07	.02	1.04	1.00	3426	.248	.08	
PAS0801g	312	1.94	1.97	.05	.02	.94	.96	3613	.552	-.04	245	2.25	2.08	.06	.02	1.01	1.00	3421	.012	.17	
PAS0801h	310	1.93	1.96	.05	.02	.86	.93	3604	.634	-.03	242	2.14	2.10	.06	.02	.96	.96	3392	.470	.05	
PAS0801i	307	1.82	1.99	.05	.01	.83	.82	364	.001	-.20	241	2.11	2.01	.06	.01	.86	.82	274	.094	.12	
PAS0801j	305	1.88	1.91	.05	.02	.89	.90	3586	.547	-.04	241	2.21	1.96	.06	.02	.96	.94	3394	.000	.26	
PAS0801k	309	2.28	2.31	.05	.02	.81	.88	379	.642	-.03	242	2.34	2.23	.06	.02	.97	.94	3390	.080	.12	
PAS0801l	310	1.93	2.00	.05	.02	.88	.94	3595	.201	-.08	242	2.88	2.57	.06	.02	.94	.97	3396	.000	.32	
PAS0801m	310	2.14	2.20	.05	.02	.86	.92	379	.258	-.06	242	2.88	2.58	.06	.02	.94	.98	3398	.000	.31	
PAS0802a	305	2.23	2.05	.05	.01	.83	.82	361	.000	.22	238	1.90	1.99	.05	.02	.83	.86	3341	.126	-.10	
PAS0802b	307	2.23	2.22	.05	.02	.94	.94	3586	.849	.01	241	2.13	2.20	.07	.02	1.12	1.00	270	.348	-.07	
PAS0803a	290	1.25	1.27	.03	.01	.48	.51	3357	.580	-.03	231	1.52	1.49	.05	.01	.74	.71	3271	.609	.03	
PAS0803b	302	1.07	1.10	.02	.01	.34	.39	377	.175	-.07	241	1.44	1.51	.05	.02	.77	.85	286	.172	-.08	
PAS0804a	297	3.12	3.12	.05	.02	.84	.86	3518	.940	.00	230	2.83	2.91	.06	.02	.95	.90	3293	.184	-.09	
PAS0804b	274	2.91	2.88	.05	.02	.88	.92	3244	.581	.03	192	2.67	2.66	.07	.02	1.03	.93	215	.865	.01	
PAS0804c	292	2.78	2.67	.05	.02	.91	.95	3408	.058	.12	223	2.65	2.45	.07	.02	1.03	.95	252	.005	.21	

IPEDS: 213613

<sup>a</sup> All statistics are weighted by gender, enrollment status, and institutional size.

<sup>b</sup> The 95% confidence interval for the population mean is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

<sup>c</sup> A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

<sup>d</sup> Degrees of freedom used to compute the t-tests. Values differ from the total Ns due to weighting and the equal variances assumption.

<sup>e</sup> Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

<sup>f</sup> Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.