



**National Survey
of Student Engagement**

Indiana University of Pennsylvania

Mean Comparisons

August 2009

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/2009_Institutional_Report/NSSE_2009_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 2009 Mean Comparisons
NSSEville State University

NSSEville State compared with:

Variable	Bench- mark	Class	NSSEville State			Mid East Public			Carnegie Class			NSSE 2009		
			Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c
1. Academic and Intellectual Experiences														
a. Asked questions in class or contributed to class discussions	CLQUEST	ACL	2.94	2.61 ***	.40	2.64 ***	.35	2.78 ***	.18	2.91 ***	.39	3.07 ***	.21	
		SR	3.25	2.90 ***	.39	2.91 ***	.39	3.07 ***	.21					
b. Made a class presentation	CLPRESEN	ACL	2.22	2.11 **	.14	2.14 *	.10	2.27	-.07	2.65 ***	.54	2.80 ***	.36	
		SR	3.11	2.65 ***	.54	2.65 ***	.54	2.80 ***	.36					
c. Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP	FY	2.73	2.50 ***	.23	2.56 ***	.18	2.65 *	.08	2.34	.03	2.47 **	-.11	
		SR	2.36	2.32	.04	2.34	.03	2.47 **	-.11					
d. Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT	FY	3.27	2.93 ***	.42	2.98 ***	.36	3.06 ***	.26	3.22 ***	.23	3.30 ***	.14	
		SR	3.40	3.22 ***	.23	3.23	.23	3.30 ***	.14					
e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS	FY	2.88	2.67 ***	.24	2.72 ***	.18	2.78 *	.11	2.72 ***	.19	2.81 *	.09	
		SR	2.89	2.72 ***	.19	2.72 ***	.19	2.81 *	.09					
f. Come to class without completing readings or assignments	CLUNPREP	FY	1.96	2.07 **	-.14	2.05 **	-.12	2.01	-.07	2.21 ***	-.18	2.10	-.04	
		SR	2.07	2.22 ***	-.18	2.21 ***	-.18	2.10	-.04					

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 2009 Mean Comparisons
Indiana University of Pennsylvania

				<i>IUP compared with:</i>									
				IUP		PASSHE		Carnegie Class			Selected Peers		
Variable	Bench- mark	Class		Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c
<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>													
1. Academic and Intellectual Experiences													
a.	Asked questions in class or contributed to class discussions	CLQUEST	ACL	FY	2.75	2.74	.01	2.84	***	-.10	2.78		-.04
				SR	3.15	3.17	-.02	3.13		.02	3.07	*	.09
b.	Made a class presentation	CLPRESEN	ACL	FY	2.09	2.34	***	2.26	***	-.22	2.17	***	-.10
				SR	2.88	2.86	.03	2.79	**	.11	2.69	***	.23
c.	Prepared two or more drafts of a paper or assignment before turning it in	REWROPAP		FY	2.69	2.70	-.02	2.75	*	-.06	2.71		-.03
				SR	2.40	2.44	-.04	2.50	**	-.10	2.44		-.05
d.	Worked on a paper or project that required integrating ideas or information from various sources	INTEGRAT		FY	2.93	3.06	***	3.13	***	-.25	3.10	***	-.21
				SR	3.26	3.31	-.07	3.34	**	-.11	3.26		.01
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	DIVCLASS		FY	2.75	2.65	**	2.82	**	-.08	2.80	*	-.06
				SR	2.79	2.76	.03	2.88	*	-.10	2.77		.02
f.	Come to class without completing readings or assignments	CLUNPREP		FY	1.94	1.94	.00	2.02	***	-.10	2.08	***	-.17
				SR	2.07	2.07	.01	2.10		-.04	2.16	**	-.11
g.	Worked with other students on projects during class	CLASSGRP	ACL	FY	2.58	2.46	***	2.47	***	.13	2.46	***	.14
				SR	2.73	2.65	*	2.59	***	.16	2.56	***	.19
h.	Worked with classmates outside of class to prepare class assignments	OCCGRP	ACL	FY	2.37	2.33	.05	2.40		-.03	2.35		.02
				SR	2.74	2.71	.04	2.74		.01	2.72		.03
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions	INTIDEAS		FY	2.60	2.55	.06	2.61		-.02	2.61		-.01
				SR	2.95	2.92	.03	2.93		.02	2.93		.02
j.	Tutored or taught other students (paid or voluntary)	TUTOR	ACL	FY	1.63	1.51	***	1.66		-.03	1.66		-.03
				SR	1.86	1.81	.06	1.79		.07	1.85		.02
k.	Participated in a community-based project (e.g. service learning) as part of a regular course	COMMPROJ	ACL	FY	1.50	1.41	**	1.62	***	-.15	1.50		.00
				SR	1.73	1.57	***	1.77		-.04	1.62	**	.12

^a Weighted by gender, enrollment status, and institutional size.

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.

**NSSE 2009 Mean Comparisons
Indiana University of Pennsylvania**

				<i>IUP compared with:</i>									
				IUP		PASSHE		Carnegie Class			Selected Peers		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean^a</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>
l.	Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	ITACADEM	EEE	FY	2.51		-.05	2.65	***	-.14	2.61	**	-.10
				SR	2.79		-.03	2.89	**	-.11	2.84		-.05
m.	Used e-mail to communicate with an instructor	EMAIL		FY	3.19		.07	3.18		.01	3.17		.03
				SR	3.50		.00	3.43	**	.10	3.38	***	.17
n.	Discussed grades or assignments with an instructor	FACGRADE	SFI	FY	2.62		.05	2.65		-.03	2.64		-.02
				SR	2.91		.03	2.83	*	.08	2.80	**	.12
o.	Talked about career plans with a faculty member or advisor	FACPLANS	SFI	FY	2.17		-.01	2.19		-.03	2.19		-.03
				SR	2.59		.02	2.37	***	.23	2.36	***	.24
p.	Discussed ideas from your readings or classes with faculty members outside of class	FACIDEAS	SFI	FY	1.88		.09	1.86		.02	1.87		.01
				SR	2.09		-.06	2.07		.02	2.07		.02
q.	Received prompt written or oral feedback from faculty on your academic performance	FACFEED	SFI	FY	2.61		.02	2.68	*	-.08	2.66		-.05
				SR	2.86		-.03	2.80		.07	2.75	***	.13
r.	Worked harder than you thought you could to meet an instructor's standards or expectations	WORKHARD	LAC	FY	2.63		-.06	2.70	**	-.08	2.66		-.03
				SR	2.73		-.07	2.76		-.04	2.73		.00
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	SFI	FY	1.65		.00	1.65		.00	1.62		.04
				SR	1.96		-.06	1.79	***	.18	1.75	***	.24
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)	OOCIDEAS	ACL	FY	2.69		.07	2.73		-.04	2.72		-.03
				SR	2.81		-.05	2.91	**	-.12	2.86		-.06
u.	Had serious conversations with students of a different race or ethnicity than your own	DIVRSTUD	EEE	FY	2.51		.01	2.65	***	-.13	2.64	***	-.12
				SR	2.56		-.12	2.73	***	-.17	2.75	***	-.19
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	2.67		.01	2.72		-.05	2.72		-.05
				SR	2.71		-.06	2.73		-.03	2.76		-.05

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^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

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**NSSE 2009 Mean Comparisons
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				<i>IUP compared with:</i>									
				IUP		PASSHE		Carnegie Class			Selected Peers		
Variable	Benchmark	Class		Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c
<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>													
2. Mental Activities													
a.	Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE	FY	2.99	2.97		.02	2.92	**	.08	2.97		.02
			SR	2.90	2.91		-.01	2.77	***	.13	2.80	**	.10
b.	Analyzing 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	3.02	2.94	*	.10	3.11	***	-.12	3.09	**	-.09
			SR	3.24	3.19		.06	3.25		-.01	3.27		-.04
c.	Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	LAC	2.83	2.76		.08	2.92	***	-.11	2.87		-.05
			SR	3.08	3.06		.02	3.04		.05	3.05		.04
d.	Making judgments 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	2.85	2.81		.04	2.92	**	-.09	2.90		-.06
			SR	3.00	3.08		-.09	3.01		-.01	2.99		.00
e.	Applying theories or concepts to practical problems or in new situations	APPLYING	LAC	3.06	2.96	*	.12	3.05		.01	3.06		.00
			SR	3.28	3.27		.01	3.21	*	.09	3.22	*	.08
<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>													
3. Reading and Writing													
a.	Number of assigned textbooks, books, or book-length packs of course readings	READASGN	LAC	3.20	3.17		.03	3.23		-.04	3.16		.04
			SR	3.11	2.95	**	.16	3.15		-.04	3.05		.06
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	READOWN	FY	2.03	2.04		-.01	2.09	*	-.07	2.06		-.04
			SR	2.05	2.18	**	-.14	2.23	***	-.18	2.19	***	-.14
c.	Number of written papers or reports of 20 pages or more	WRITEMOR	LAC	1.29	1.22	*	.11	1.33		-.05	1.26		.05
			SR	1.58	1.64		-.08	1.65	*	-.09	1.61		-.04
d.	Number of written papers or reports between 5 and 19 pages	WRITEMID	LAC	2.14	2.09		.07	2.31	***	-.21	2.28	***	-.16
			SR	2.57	2.48		.09	2.54		.03	2.43	***	.15
e.	Number of written papers or reports of fewer than 5 pages	WRITESML	LAC	3.11	2.93	***	.18	3.07		.04	2.92	***	.18
			SR	3.36	3.03	***	.28	2.98	***	.33	2.90	***	.40

^a Weighted by gender, enrollment status, and institutional size.

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.

**NSSE 2009 Mean Comparisons
Indiana University of Pennsylvania**

			<i>IUP compared with:</i>										
			IUP		PASSHE		Carnegie Class			Selected Peers			
Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	
4. Problem Sets													
<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 more than an hour to complete	PROBSETA	FY	2.42	2.39	.02	2.68	***	-.23	2.69	***	-.24	
			SR	2.51	2.49	.01	2.63	*	-.10	2.66	**	-.12	
b.	Number of problem sets that take you less than an hour to complete	PROBSETB	FY	2.96	3.00	-.03	2.83	***	.11	2.78	***	.16	
			SR	2.64	2.61	.03	2.38	***	.21	2.40	***	.19	
5. Examinations													
<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	5.31	5.25	.05	5.38		-.06	5.40	*	-.08	
			SR	5.30	5.32	-.02	5.42	*	-.10	5.46	***	-.13	
6. Additional Collegiate Experiences													
<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	2.16	2.14	.02	2.17		-.01	2.10	*	.07	
			SR	1.98	2.06	-.08	2.02		-.04	1.98		.00	
b.	Exercised or participated in physical fitness activities	EXRCSE05	FY	2.85	2.80	.05	2.79	*	.06	2.76	**	.10	
			SR	2.77	2.71	.05	2.67	*	.09	2.65	**	.11	
c.	Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHPO5	FY	1.77	1.61	***	2.05	***	-.25	2.00	***	-.21	
			SR	1.91	1.79	*	2.16	***	-.21	2.09	***	-.16	
d.	Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	FY	2.45	2.42	.03	2.61	***	-.18	2.58	***	-.15	
			SR	2.59	2.65	-.07	2.76	***	-.19	2.69	**	-.12	
e.	Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	FY	2.65	2.66	-.01	2.81	***	-.18	2.77	***	-.13	
			SR	2.81	2.82	-.01	2.90	*	-.10	2.85		-.04	
f.	Learned something that changed the way you understand an issue or concept	CHNGVIEW	FY	2.83	2.77	.07	2.87		-.05	2.83		.00	
			SR	2.86	2.90	-.05	2.91		-.07	2.88		-.03	
<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>													
7. Enriching Educational Experiences													
a.	Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	EEE	FY	.05	.06	-.07	.08	***	-.11	.08	***	-.10
			SR	.56	.53	.06	.49	***	.14	.49	***	.14	

^a Weighted by gender, enrollment status, and institutional size.

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.

**NSSE 2009 Mean Comparisons
Indiana University of Pennsylvania**

				<i>IUP compared with:</i>									
				IUP		PASSHE		Carnegie Class			Selected Peers		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean^a</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>
b.	Community service or volunteer work	VOLNTR04	EEE	FY	.32		.11	.40	***	-.17	.34		-.06
				SR	.62		.08	.59		.05	.54	***	.16
c.	Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	EEE	FY	.12	**	.14	.17	***	-.15	.20	***	-.21
				SR	.29		.06	.28		.03	.24	*	.11
d.	Work on a research project with a faculty member outside of course or program requirements	RESRCH04	SFI	FY	.05		.08	.06		-.04	.05		-.02
				SR	.19		.01	.17		.06	.16		.07
e.	Foreign language coursework	FORLNG04	EEE	FY	.16	*	.12	.19	*	-.08	.17		-.04
				SR	.39	**	.14	.37		.03	.36		.05
f.	Study abroad	STDABR04	EEE	FY	.03	*	.10	.03		-.02	.03		.01
				SR	.12	***	.18	.12		.01	.11		.04
g.	Independent study or self-designed major	INDSTD04	EEE	FY	.03		-.01	.04	*	-.07	.04		-.04
				SR	.11	**	-.14	.16	***	-.15	.14	*	-.09
h.	Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	SNRX04	EEE	FY	.01		-.06	.02	*	-.05	.02	*	-.06
				SR	.33		.01	.35		-.03	.31		.04

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 other students	ENVSTU	SCE	FY	5.31		-.05	5.41	*	-.07	5.40	*	-.07
				SR	5.57		-.06	5.55		.02	5.49		.06
<i>1=Unavailable, Unhelpful, Unsympathetic to 7=Available, Helpful, Sympathetic</i>													
b.	Relationships with faculty members	ENVFAC	SCE	FY	5.07		-.06	5.16		-.06	5.11		-.03
				SR	5.40	*	-.12	5.38		.01	5.24	**	.12
<i>1=Unhelpful, Inconsiderate, Rigid to 7=Helpful, Considerate, Flexible</i>													
c.	Relationships with administrative personnel and offices	ENVADM	SCE	FY	4.50	**	-.15	4.67	**	-.11	4.62	*	-.07
				SR	4.49		-.04	4.54		-.03	4.48		.01

^a Weighted by gender, enrollment status, and institutional size.

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

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Indiana University of Pennsylvania**

				<i>IUP compared with:</i>										
				IUP		PASSHE		Carnegie Class			Selected Peers			
Variable	Bench- mark	Class		Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	
<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>														
9. Time Usage														
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	ACADPR01	LAC	FY	3.81	3.88	-.04	4.08	***	-.17	4.01	***	-.12	
				SR	4.27	3.96	***	.18			4.14		.07	
b.	Working for pay on campus	WORKON01		FY	1.50	1.48	.02	1.55		-.04	1.50		.00	
				SR	1.92	1.93	-.01	1.79		.08	1.74	**	.11	
c.	Working for pay off campus	WORKOF01		FY	1.95	2.07	-.07	2.37	***	-.19	2.61	***	-.29	
				SR	2.83	3.27	***	-.18			4.04	***	-.42	
d.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	COCURR01	EEE	FY	2.25	2.33	-.05	2.21		.02	2.19		.03	
				SR	2.34	2.35	.00	2.01	***	.22	1.98	***	.24	
e.	Relaxing and socializing (watching TV, partying, etc.)	SOCIAL05		FY	4.01	4.06	-.04	3.88	*	.08	3.88	*	.08	
				SR	3.83	3.65	*	.11			3.48	***	.22	
f.	Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01		FY	1.51	1.61	-.07	1.87	***	-.21	1.81	***	-.18	
				SR	1.89	2.06	-.09	2.65	***	-.31	2.59	***	-.29	
g.	Commuting to class (driving, walking, etc.)	COMMUTE		FY	2.16	2.19	-.03	2.36	***	-.17	2.30	***	-.13	
				SR	2.36	2.44	-.08	2.40		-.04	2.52	***	-.15	
<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>														
10. Institutional Environment														
a.	Spending significant amounts of time studying and on academic work	ENVSCHOL	LAC	FY	3.03	2.99	.05	3.09	**	-.09	3.10	**	-.10	
				SR	2.99	2.96	.04	3.08	**	-.10	3.12	***	-.16	
b.	Providing the support you need to help you succeed academically	ENVSUPRT	SCE	FY	2.94	3.03	*	-.12	3.05	***	-.14	3.00	*	-.07
				SR	2.85	2.95	*	-.11	2.88		-.03	2.85		.01
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds	ENVDIVRS	EEE	FY	2.61	2.67	-.06	2.73	***	-.13	2.65		-.04	
				SR	2.42	2.55	**	-.13	2.55	***	-.13	2.56	***	-.13

^a Weighted by gender, enrollment status, and institutional size.

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.

**NSSE 2009 Mean Comparisons
Indiana University of Pennsylvania**

				<i>IUP compared with:</i>									
				IUP		PASSHE		Carnegie Class			Selected Peers		
	Variable	Bench- mark	Class	Mean ^a	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c	Mean ^a	Sig ^b	Effect Size ^c
d.	Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	SCE	FY	2.18	**	-.13	2.28	**	-.10	2.18		.00
SR				1.93	***	-.18	1.95		-.02	1.90		.03	
e.	Providing the support you need to thrive socially	ENVSOCAL	SCE	FY	2.44	**	-.12	2.50		-.06	2.41		.03
SR				2.26	*	-.11	2.17	*	.10	2.13	***	.15	
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.)	ENVEVENT		FY	2.69	***	-.24	2.80	***	-.12	2.76	*	-.08
SR				2.59	***	-.22	2.55		.04	2.54		.06	
g.	Using computers in academic work	ENVCOMPT		FY	3.19		-.09	3.35	***	-.20	3.33	***	-.17
SR				3.40		-.02	3.47	*	-.08	3.49	*	-.11	

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	3.07	*	-.11	3.13	*	-.07	3.07		.00
SR				3.22		.00	3.22		.01	3.17		.07	
b.	Acquiring job or work-related knowledge and skills	GNWORK		FY	2.75		-.07	2.82	*	-.08	2.78		-.04
SR				3.12		-.01	3.05		.08	3.05	*	.08	
c.	Writing clearly and effectively	GNWRITE		FY	2.98		-.06	3.04	*	-.07	2.97		.01
SR				3.14	*	.10	3.08		.07	3.01	***	.15	
d.	Speaking clearly and effectively	GNSPEAK		FY	2.73	***	-.23	2.86	***	-.14	2.78		-.05
SR				3.00		-.04	2.96		.04	2.91	*	.10	
e.	Thinking critically and analytically	GNANALY		FY	3.11		.00	3.20	***	-.12	3.17	*	-.08
SR				3.34	*	.11	3.32		.03	3.29		.06	
f.	Analyzing quantitative problems	GNQUANT		FY	2.81		-.03	2.94	***	-.15	2.93	***	-.14
SR				2.98		.03	3.04		-.07	3.05		-.08	
g.	Using computing and information technology	GNCMPTS		FY	2.96		-.01	3.09	***	-.15	3.05	**	-.11
SR				3.18		-.06	3.21		-.03	3.23		-.06	
h.	Working effectively with others	GNOTHERS		FY	2.92	*	-.10	3.01	**	-.11	2.94		-.02
SR				3.17		-.02	3.16		.01	3.10	*	.08	

^a Weighted by gender, enrollment status, and institutional size.

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.

**NSSE 2009 Mean Comparisons
Indiana University of Pennsylvania**

				<i>IUP compared with:</i>											
				IUP			PASSHE			Carnegie Class			Selected Peers		
	<i>Variable</i>	<i>Bench- mark</i>	<i>Class</i>	<i>Mean^a</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>	<i>Mean^a</i>	<i>Sig^b</i>	<i>Effect Size^c</i>		
i.	Voting in local, state, or national elections	GNCITIZN	FY	2.74	2.70		.04	2.56	***	.17	2.56	***	.17		
			SR	2.35	2.31		.03	2.29		.05	2.24	*	.10		
j.	Learning effectively on your own	GNINQ	FY	2.99	2.97		.02	2.97		.02	2.92	*	.08		
			SR	3.00	3.04		-.05	3.02		-.03	2.98		.02		
k.	Understanding yourself	GNSELF	FY	2.83	2.87		-.04	2.83		.00	2.75	**	.08		
			SR	2.83	2.87		-.04	2.77		.06	2.68	***	.15		
l.	Understanding people of other racial and ethnic backgrounds	GNDIVERS	FY	2.70	2.71		-.01	2.73		-.03	2.69		.01		
			SR	2.62	2.64		-.02	2.68		-.06	2.64		-.03		
m.	Solving complex real-world problems	GNPROBSV	FY	2.65	2.72		-.07	2.72	*	-.07	2.68		-.03		
			SR	2.68	2.75		-.08	2.78	*	-.10	2.73		-.06		
n.	Developing a personal code of values and ethics	GNETHICS	FY	2.65	2.73		-.08	2.71		-.06	2.64		.02		
			SR	2.71	2.73		-.02	2.68		.03	2.56	***	.14		
o.	Contributing to the welfare of your community	GNCOMMUN	FY	2.33	2.40		-.06	2.48	***	-.15	2.34		.00		
			SR	2.40	2.40		.00	2.47		-.06	2.33		.07		
p.	Developing a deepened sense of spirituality	GNSPIRIT	FY	2.06	2.07		-.01	2.18	***	-.11	2.01		.05		
			SR	1.86	1.85		.01	1.93		-.06	1.76	*	.10		
12. Academic Advising				<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	2.93	3.06	***	-.16	3.02	**	-.10	2.95		-.02		
			SR	2.83	2.94	**	-.13	2.82		.01	2.77		.06		
13. Satisfaction				<i>1=Poor, 2=Fair, 3=Good, 4=Excellent</i>											
	How would you evaluate your entire educational experience at this institution?	ENTIREXP	FY	3.10	3.14		-.06	3.17	**	-.09	3.12		-.03		
			SR	3.13	3.15		-.03	3.15		-.03	3.11		.03		
14.				<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	3.11	3.16		-.05	3.19	**	-.09	3.17		-.06		
			SR	3.08	3.08		.00	3.13		-.06	3.09		-.01		

IPEDS: 213020

^a Weighted by gender, enrollment status, and institutional size.

^b * p<.05 ** p<.01 *** p<.001 (2-tailed).

^c Mean difference divided by the pooled standard deviation.



**National Survey
of Student Engagement**

NSSE 2009 Detailed Statistics ^a

**Indiana University of Pennsylvania
First-Year Students**

	N	Mean				Standard Error of the Mean ^b				Standard Deviation ^c				Degrees of Freedom ^d			Significance ^e			Effect Size ^f		
		IUP		PASSHE	Carnegie Class	Selected Peers	IUP		PASSHE	Carnegie Class	Selected Peers	IUP		PASSHE	Carnegie Class	Selected Peers	IUP		PASSHE	Carnegie Class	Selected Peers	
		<i>compared with:</i>																				
CLQUEST	1,128	2.75	2.74	2.84	2.78	.02	.03	.01	.01	.81	.82	.86	.85	2,050	14,784	13,704	.810	.001	.173	.01	-.10	-.04
CLPRESENT	1,128	2.09	2.34	2.26	2.17	.02	.03	.01	.01	.74	.81	.82	.80	1,899	1,362	1,373	.000	.000	.000	-.32	-.22	-.10
REWROPAP	1,125	2.69	2.70	2.75	2.71	.03	.03	.01	.01	.97	.97	.97	1.00	2,045	14,765	1,348	.681	.041	.365	-.02	-.06	-.03
INTEGRAT	1,134	2.93	3.06	3.13	3.10	.02	.02	.01	.01	.82	.75	.78	.80	2,028	14,831	13,719	.000	.000	.000	-.17	-.25	-.21
DIVCLASS	1,133	2.75	2.65	2.82	2.80	.03	.03	.01	.01	.86	.84	.88	.91	2,052	14,801	1,367	.009	.009	.035	.12	-.08	-.06
CLUNPREP	1,133	1.94	1.94	2.02	2.08	.02	.03	.01	.01	.74	.76	.79	.79	2,052	14,814	1,374	.966	.001	.000	.00	-.10	-.17
CLASSGRP	1,132	2.58	2.46	2.47	2.46	.02	.03	.01	.01	.82	.81	.85	.85	2,056	14,842	13,692	.000	.000	.000	.16	.13	.14
OCCGRP	1,137	2.37	2.33	2.40	2.35	.03	.03	.01	.01	.86	.85	.89	.90	2,063	1,347	1,372	.281	.292	.523	.05	-.03	.02
INTIDEAS	1,095	2.60	2.55	2.61	2.61	.02	.03	.01	.01	.80	.82	.83	.82	1,933	13,893	12,923	.160	.612	.721	.06	-.02	-.01
TUTOR	1,097	1.63	1.51	1.66	1.66	.02	.03	.01	.01	.82	.76	.85	.84	1,884	13,959	12,973	.001	.341	.326	.16	-.03	-.03
COMMPROJ	1,096	1.50	1.41	1.62	1.50	.02	.02	.01	.01	.79	.72	.85	.81	1,886	1,321	12,896	.010	.000	.976	.12	-.15	.00
ITACADEM	1,098	2.51	2.56	2.65	2.61	.03	.04	.01	.01	1.01	1.03	1.02	1.03	1,940	13,945	12,980	.282	.000	.001	-.05	-.14	-.10
EMAIL	1,098	3.19	3.14	3.18	3.17	.02	.03	.01	.01	.79	.76	.81	.81	1,846	13,933	12,963	.129	.708	.393	.07	.01	.03
FACGRADE	1,095	2.62	2.58	2.65	2.64	.03	.03	.01	.01	.88	.85	.88	.89	1,936	13,957	12,967	.246	.317	.461	.05	-.03	-.02
FACPLANS	1,096	2.17	2.18	2.19	2.19	.03	.03	.01	.01	.91	.92	.90	.91	1,938	13,930	12,966	.769	.303	.308	-.01	-.03	-.03
FACIDEAS	1,100	1.88	1.81	1.86	1.87	.03	.03	.01	.01	.90	.91	.90	.91	1,940	13,957	12,984	.059	.439	.688	.09	.02	.01
FACFEED	1,085	2.61	2.59	2.68	2.66	.02	.03	.01	.01	.82	.80	.84	.84	1,905	13,649	12,743	.600	.013	.119	.02	-.08	-.05
WORKHARD	1,081	2.63	2.69	2.70	2.66	.02	.03	.01	.01	.81	.80	.85	.85	1,897	13,657	12,732	.179	.009	.297	-.06	-.08	-.03
FACOTHER	1,076	1.65	1.65	1.65	1.62	.03	.03	.01	.01	.86	.87	.88	.87	1,893	13,605	12,703	.936	.977	.207	.00	.00	.04
OOCIDEAS	1,082	2.69	2.63	2.73	2.72	.03	.03	.01	.01	.87	.87	.89	.90	1,901	13,640	12,747	.149	.164	.325	.07	-.04	-.03
DIVRSTUD	1,084	2.51	2.50	2.65	2.64	.03	.04	.01	.01	1.02	1.01	1.03	1.02	1,901	13,677	12,766	.833	.000	.000	.01	-.13	-.12
DIFFSTU2	1,081	2.67	2.66	2.72	2.72	.03	.03	.01	.01	1.01	.97	.99	1.00	1,898	1,263	12,746	.912	.094	.104	.01	-.05	-.05
MEMORIZE	1,071	2.99	2.97	2.92	2.97	.02	.03	.01	.01	.81	.79	.87	.85	1,882	1,290	1,294	.637	.010	.466	.02	.08	.02
ANALYZE	1,067	3.02	2.94	3.11	3.09	.02	.03	.01	.01	.79	.76	.79	.79	1,877	13,497	12,640	.029	.000	.005	.10	-.12	-.09
SYNTHESZ	1,056	2.83	2.76	2.92	2.87	.03	.03	.01	.01	.84	.84	.84	.85	1,865	13,469	12,633	.101	.001	.101	.08	-.11	-.05
EVALUATE	1,068	2.85	2.81	2.92	2.90	.03	.03	.01	.01	.88	.84	.86	.85	1,869	1,249	1,257	.374	.006	.062	.04	-.09	-.06
APPLYING	1,068	3.06	2.96	3.05	3.06	.03	.03	.01	.01	.84	.82	.86	.84	1,878	13,527	12,679	.011	.669	.920	.12	.01	.00
READASGN	1,063	3.20	3.17	3.23	3.16	.03	.03	.01	.01	.91	.94	.98	.97	1,867	1,282	1,298	.586	.218	.191	.03	-.04	.04

^a All statistics are weighted by gender, enrollment status, and institutional size.

^b 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.

^c A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

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

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

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



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	N	Mean					Standard Error of the Mean ^b				Standard Deviation ^c				Degrees of Freedom ^d			Significance ^e			Effect Size ^f		
		IUP					IUP				IUP				IUP			IUP			IUP		
		IUP	PASSHE	Carnegie Class	Selected Peers		IUP	PASSHE	Carnegie Class	Selected Peers	IUP	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers
READOWN	1,063	2.03	2.04	2.09	2.06	.03	.03	.01	.01	.91	.92	.94	.96	1,865	13,490	1,288	.755	.027	.218	-.01	-.07	-.04	
WRITEMOR	1,058	1.29	1.22	1.33	1.26	.02	.02	.01	.01	.69	.63	.75	.65	1,800	1,279	1,233	.021	.083	.146	.11	-.05	.05	
WRITEMID	1,062	2.14	2.09	2.31	2.28	.02	.03	.01	.01	.80	.77	.83	.85	1,866	1,264	1,294	.144	.000	.000	.07	-.21	-.16	
WRITESML	1,064	3.11	2.93	3.07	2.92	.03	.03	.01	.01	1.08	.92	1.03	1.03	1,838	1,235	1,246	.000	.200	.000	.18	.04	.18	
PROBSETA	1,062	2.42	2.39	2.68	2.69	.03	.04	.01	.01	1.06	1.03	1.12	1.13	1,861	1,272	1,291	.596	.000	.000	.02	-.23	-.24	
PROBSETB	1,062	2.96	3.00	2.83	2.78	.04	.04	.01	.01	1.17	1.20	1.22	1.21	1,864	1,264	1,278	.505	.001	.000	-.03	.11	.16	
EXAMS	1,061	5.31	5.25	5.38	5.40	.04	.04	.01	.01	1.16	1.08	1.18	1.19	1,794	13,479	12,665	.252	.052	.012	.05	-.06	-.08	
ATDART07	1,057	2.16	2.14	2.17	2.10	.03	.03	.01	.01	.94	.87	.93	.93	1,794	13,280	12,530	.632	.823	.041	.02	-.01	.07	
EXRCSE05	1,055	2.85	2.80	2.79	2.76	.03	.04	.01	.01	1.01	1.07	1.03	1.02	1,677	13,277	12,528	.277	.050	.003	.05	.06	.10	
WORSHPO5	1,054	1.77	1.61	2.05	2.00	.03	.03	.01	.01	.99	.89	1.10	1.09	1,802	1,289	1,299	.000	.000	.000	.18	-.25	-.21	
OWNVIEW	1,054	2.45	2.42	2.61	2.58	.03	.03	.01	.01	.91	.92	.90	.91	1,856	13,249	12,512	.495	.000	.000	.03	-.18	-.15	
OTHRVIEW	1,053	2.65	2.66	2.81	2.77	.03	.03	.01	.01	.90	.90	.88	.87	1,853	1,230	1,239	.811	.000	.000	-.01	-.18	-.13	
CHNGVIEW	1,057	2.83	2.77	2.87	2.83	.03	.03	.01	.01	.84	.80	.85	.84	1,860	13,304	12,552	.133	.113	.897	.07	-.05	.00	
INTERN04	1,040	.05	.06	.08	.08	.01	.01	.00	.00	.22	.25	.27	.26	1,584	1,335	1,344	.155	.000	.000	-.07	-.11	-.10	
VOLNTR04	1,040	.32	.27	.40	.34	.01	.02	.00	.00	.47	.44	.49	.48	1,750	1,247	1,248	.017	.000	.080	.11	-.17	-.06	
LRNCOM04	1,037	.12	.07	.17	.20	.01	.01	.00	.00	.32	.26	.38	.40	1,814	1,300	1,352	.002	.000	.000	.14	-.15	-.21	
RESRCH04	1,042	.05	.03	.06	.05	.01	.01	.00	.00	.21	.18	.23	.22	1,825	1,263	12,307	.068	.199	.569	.08	-.04	-.02	
FORLNG04	1,044	.16	.12	.19	.17	.01	.01	.00	.00	.36	.32	.39	.38	1,794	1,260	1,259	.012	.013	.245	.12	-.08	-.04	
STDABR04	1,040	.03	.02	.03	.03	.01	.00	.00	.00	.17	.13	.18	.17	1,823	13,005	12,281	.027	.632	.699	.10	-.02	.01	
INDSTD04	1,034	.03	.03	.04	.04	.01	.01	.00	.00	.17	.17	.20	.19	1,825	1,308	1,287	.821	.013	.152	-.01	-.07	-.04	
SNRX04	1,044	.01	.02	.02	.02	.00	.01	.00	.00	.12	.15	.15	.15	1,487	1,336	1,371	.195	.043	.024	-.06	-.05	-.06	
ENVSTU	1,041	5.31	5.38	5.41	5.40	.04	.05	.01	.01	1.44	1.40	1.39	1.38	1,834	13,049	12,284	.276	.023	.031	-.05	-.07	-.07	
ENVFAC	1,039	5.07	5.16	5.16	5.11	.04	.05	.01	.01	1.31	1.31	1.32	1.34	1,831	13,046	12,293	.171	.055	.363	-.06	-.06	-.03	
ENVADM	1,042	4.50	4.73	4.67	4.62	.05	.05	.01	.01	1.52	1.49	1.54	1.58	1,837	13,055	12,283	.001	.001	.024	-.15	-.11	-.07	
ACADPR01	1,031	3.81	3.88	4.08	4.01	.05	.05	.01	.02	1.53	1.49	1.60	1.62	1,820	12,934	12,164	.358	.000	.000	-.04	-.17	-.12	
WORKON01	1,030	1.50	1.48	1.55	1.50	.04	.04	.01	.01	1.22	1.19	1.32	1.26	1,818	1,249	12,158	.714	.170	.955	.02	-.04	.00	
WORKOF01	1,027	1.95	2.07	2.37	2.61	.06	.07	.02	.02	1.84	1.88	2.23	2.32	1,680	1,303	1,347	.152	.000	.000	-.07	-.19	-.29	
COCURR01	1,033	2.25	2.33	2.21	2.19	.05	.06	.01	.01	1.54	1.65	1.57	1.58	1,823	12,935	12,164	.251	.511	.290	-.05	.02	.03	

^a All statistics are weighted by gender, enrollment status, and institutional size.

^b 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.

^c A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

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**Indiana University of Pennsylvania
First-Year Students**

	N	Mean					Standard Error of the Mean ^b				Standard Deviation ^c				Degrees of Freedom ^d			Significance ^e			Effect Size ^f		
	IUP	IUP	PASSHE	Carnegie Class	Selected Peers	IUP	PASSHE	Carnegie Class	Selected Peers	IUP	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers	IUP compared with:			IUP compared with:			
																	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers	
SOCIAL05	1,025	4.01	4.06	3.88	3.88	.05	.06	.02	.02	1.64	1.72	1.69	1.67	1,806	12,872	12,098	.454	.018	.017	-.04	.08	.08	
CAREDE01	1,021	1.51	1.61	1.87	1.81	.04	.04	.02	.02	1.26	1.25	1.74	1.66	1,800	1,383	1,369	.124	.000	.000	-.07	-.21	-.18	
COMMUTE	1,024	2.16	2.19	2.36	2.30	.03	.04	.01	.01	1.00	1.05	1.18	1.10	1,804	1,286	1,263	.552	.000	.000	-.03	-.17	-.13	
ENVSCHOL	1,020	3.03	2.99	3.09	3.10	.02	.03	.01	.01	.74	.77	.77	.78	1,801	1,220	1,238	.264	.005	.001	.05	-.09	-.10	
ENVSUPRT	1,019	2.94	3.03	3.05	3.00	.02	.03	.01	.01	.80	.77	.80	.83	1,795	12,682	11,976	.014	.000	.026	-.12	-.14	-.07	
ENVDIVRS	1,014	2.61	2.67	2.73	2.65	.03	.03	.01	.01	.95	.95	.95	.98	1,793	12,683	11,977	.195	.000	.222	-.06	-.13	-.04	
ENVNACAD	1,019	2.18	2.30	2.28	2.18	.03	.03	.01	.01	.94	.93	.97	.97	1,796	1,212	11,996	.007	.002	.902	-.13	-.10	.00	
ENVSOCAL	1,016	2.44	2.56	2.50	2.41	.03	.03	.01	.01	.93	.92	.95	.95	1,790	12,629	11,941	.010	.088	.329	-.12	-.06	.03	
ENVEVENT	1,017	2.69	2.91	2.80	2.76	.03	.03	.01	.01	.95	.89	.96	.94	1,719	12,687	11,993	.000	.000	.015	-.24	-.12	-.08	
ENVCOMPT	1,019	3.19	3.26	3.35	3.33	.03	.03	.01	.01	.80	.76	.78	.78	1,797	12,704	12,008	.070	.000	.000	-.09	-.20	-.17	
NGNENLED	1,012	3.07	3.16	3.13	3.07	.03	.03	.01	.01	.80	.76	.79	.80	1,781	12,505	11,856	.017	.035	.947	-.11	-.07	.00	
GNWORK	1,014	2.75	2.81	2.82	2.78	.03	.03	.01	.01	.94	.88	.92	.93	1,704	12,503	11,843	.135	.019	.261	-.07	-.08	-.04	
GNWRITE	1,016	2.98	3.02	3.04	2.97	.03	.03	.01	.01	.83	.79	.84	.86	1,783	1,210	1,229	.237	.027	.804	-.06	-.07	.01	
GNSPEAK	1,009	2.73	2.93	2.86	2.78	.03	.03	.01	.01	.92	.85	.91	.92	1,715	1,188	11,814	.000	.000	.098	-.23	-.14	-.05	
GNANALY	1,017	3.11	3.11	3.20	3.17	.03	.03	.01	.01	.81	.79	.79	.79	1,784	1,193	11,826	.973	.000	.018	.00	-.12	-.08	
GNQUANT	1,012	2.81	2.83	2.94	2.93	.03	.03	.01	.01	.86	.89	.87	.87	1,778	12,488	11,739	.497	.000	.000	-.03	-.15	-.14	
GNCMPTS	1,019	2.96	2.97	3.09	3.05	.03	.03	.01	.01	.90	.86	.87	.87	1,784	12,527	11,827	.775	.000	.001	-.01	-.15	-.11	
GNOTHERS	1,017	2.92	3.01	3.01	2.94	.03	.03	.01	.01	.90	.85	.87	.88	1,702	1,191	11,836	.038	.002	.509	-.10	-.11	-.02	
GNCITIZN	1,005	2.74	2.70	2.56	2.56	.03	.04	.01	.01	1.11	1.06	1.08	1.07	1,767	12,276	11,599	.361	.000	.000	.04	.17	.17	
GNINQ	1,004	2.99	2.97	2.97	2.92	.03	.03	.01	.01	.84	.81	.86	.86	1,758	1,199	1,214	.665	.565	.015	.02	.02	.08	
GNSELF	1,004	2.83	2.87	2.83	2.75	.03	.03	.01	.01	.96	.92	.96	.98	1,663	12,271	1,213	.361	.971	.010	-.04	.00	.08	
GNDIVERS	999	2.70	2.71	2.73	2.69	.03	.03	.01	.01	.97	.91	.96	.97	1,671	12,307	11,589	.760	.321	.852	-.01	-.03	.01	
GNPROBSV	1,009	2.65	2.72	2.72	2.68	.03	.03	.01	.01	.95	.88	.93	.94	1,689	12,318	11,588	.128	.025	.374	-.07	-.07	-.03	
GNETHICS	1,007	2.65	2.73	2.71	2.64	.03	.03	.01	.01	.98	.92	.99	.99	1,685	12,313	11,589	.099	.088	.638	-.08	-.06	.02	
GNCOMMUN	1,009	2.33	2.40	2.48	2.34	.03	.03	.01	.01	.98	.94	.99	.98	1,767	1,202	11,615	.180	.000	.990	-.06	-.15	.00	
GNSPIRIT	1,006	2.06	2.07	2.18	2.01	.03	.04	.01	.01	1.05	1.01	1.10	1.06	1,768	1,207	11,607	.867	.001	.173	-.01	-.11	.05	
ADVISE	1,015	2.93	3.06	3.02	2.95	.03	.03	.01	.01	.84	.79	.83	.86	1,781	12,491	11,752	.001	.002	.455	-.16	-.10	-.02	
ENTIREXP	1,015	3.10	3.14	3.17	3.12	.02	.03	.01	.01	.72	.70	.72	.72	1,782	1,202	11,738	.244	.005	.348	-.06	-.09	-.03	
SAMECOLL	1,016	3.11	3.16	3.19	3.17	.03	.03	.01	.01	.84	.84	.82	.83	1,784	12,505	11,743	.277	.004	.058	-.05	-.09	-.06	

^a All statistics are weighted by gender, enrollment status, and institutional size.

^b 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.

^c A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

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

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

^f 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 2009 Detailed Statistics ^a

**Indiana University of Pennsylvania
Seniors**

	N	Mean				Standard Error of the Mean ^b				Standard Deviation ^c				Degrees of Freedom ^d			Significance ^e			Effect Size ^f		
		IUP				IUP				IUP				PASSHE	Carnegie Class	Selected Peers	IUP			IUP		
		IUP	PASSHE	Carnegie Class	Selected Peers	IUP	PASSHE	Carnegie Class	Selected Peers	IUP	PASSHE	Carnegie Class	Selected Peers				compared with:			compared with:		
CLQUEST	662	3.15	3.17	3.13	3.07	.03	.02	.01	.01	.83	.83	.85	.86	1,972	21,033	14,082	.660	.543	.031	-.02	.02	.09
CLPRESENT	664	2.88	2.86	2.79	2.69	.03	.02	.01	.01	.83	.84	.89	.87	1,976	713	736	.469	.004	.000	.03	.11	.23
REWROPAP	659	2.40	2.44	2.50	2.44	.04	.03	.01	.01	.94	1.00	.99	.99	1,382	706	731	.420	.007	.229	-.04	-.10	-.05
INTEGRAT	662	3.26	3.31	3.34	3.26	.03	.02	.01	.01	.76	.75	.74	.78	1,979	21,132	14,129	.167	.007	.853	-.07	-.11	.01
DIVCLASS	664	2.79	2.76	2.88	2.77	.03	.03	.01	.01	.88	.93	.93	.96	1,388	21,109	742	.476	.014	.652	.03	-.10	.02
CLUNPREP	664	2.07	2.07	2.10	2.16	.03	.02	.01	.01	.76	.81	.81	.78	1,978	713	734	.831	.339	.007	.01	-.04	-.11
CLASSGRP	666	2.73	2.65	2.59	2.56	.03	.02	.01	.01	.81	.87	.90	.90	1,424	719	747	.035	.000	.000	.10	.16	.19
OCCGRP	666	2.74	2.71	2.74	2.72	.03	.02	.01	.01	.83	.86	.93	.92	1,984	719	748	.413	.818	.488	.04	.01	.03
INTIDEAS	644	2.95	2.92	2.93	2.93	.03	.02	.01	.01	.78	.83	.82	.83	1,366	690	716	.497	.520	.576	.03	.02	.02
TUTOR	647	1.86	1.81	1.79	1.85	.04	.03	.01	.01	.92	.94	.93	.94	1,915	20,490	13,760	.222	.065	.671	.06	.07	.02
COMMPROJ	640	1.73	1.57	1.77	1.62	.03	.02	.01	.01	.87	.81	.92	.89	1,210	20,449	13,682	.000	.289	.004	.18	-.04	.12
ITACADEM	645	2.79	2.81	2.89	2.84	.04	.03	.01	.01	.97	.98	1.01	1.01	1,914	20,517	13,739	.557	.007	.218	-.03	-.11	-.05
EMAIL	647	3.50	3.50	3.43	3.38	.03	.02	.01	.01	.66	.67	.74	.75	1,915	700	731	.924	.004	.000	.00	.10	.17
FACGRADE	644	2.91	2.88	2.83	2.80	.03	.02	.01	.01	.82	.85	.87	.88	1,337	691	717	.520	.026	.002	.03	.08	.12
FACPLANS	646	2.59	2.57	2.37	2.36	.04	.03	.01	.01	.90	.96	.97	.96	1,373	20,490	13,744	.632	.000	.000	.02	.23	.24
FACIDEAS	646	2.09	2.15	2.07	2.07	.04	.03	.01	.01	.90	.94	.94	.93	1,912	20,497	13,737	.180	.621	.545	-.06	.02	.02
FACFEED	639	2.86	2.89	2.80	2.75	.03	.02	.01	.01	.76	.79	.82	.83	1,891	688	716	.481	.051	.000	-.03	.07	.13
WORKHARD	641	2.73	2.78	2.76	2.73	.03	.02	.01	.01	.87	.84	.86	.86	1,894	20,247	13,577	.172	.346	.989	-.07	-.04	.00
FACOTHER	634	1.96	2.02	1.79	1.75	.04	.03	.01	.01	.95	1.00	.95	.92	1,887	675	13,552	.207	.000	.000	-.06	.18	.24
OOCIDEAS	640	2.81	2.84	2.91	2.86	.03	.02	.01	.01	.85	.86	.86	.86	1,897	20,255	13,583	.343	.003	.138	-.05	-.12	-.06
DIVRSTUD	642	2.56	2.68	2.73	2.75	.04	.03	.01	.01	.97	.98	.99	.99	1,900	20,245	13,623	.011	.000	.000	-.12	-.17	-.19
DIFFSTU2	643	2.71	2.77	2.73	2.76	.04	.03	.01	.01	.96	.94	.97	.96	1,901	20,252	13,615	.198	.521	.176	-.06	-.03	-.05
MEMORIZE	638	2.90	2.91	2.77	2.80	.03	.02	.01	.01	.87	.87	.92	.92	1,892	685	709	.816	.000	.007	-.01	.13	.10
ANALYZE	635	3.24	3.19	3.25	3.27	.03	.02	.01	.01	.74	.78	.76	.74	1,882	20,051	13,485	.192	.780	.326	.06	-.01	-.04
SYNTHESZ	637	3.08	3.06	3.04	3.05	.03	.02	.01	.01	.85	.82	.86	.84	1,881	20,017	13,478	.671	.203	.371	.02	.05	.04
EVALUATE	639	3.00	3.08	3.01	2.99	.03	.02	.01	.01	.84	.84	.88	.89	1,887	20,079	13,481	.059	.735	.910	-.09	-.01	.00
APPLYING	637	3.28	3.27	3.21	3.22	.03	.02	.01	.01	.81	.81	.83	.83	1,891	20,112	13,522	.836	.024	.049	.01	.09	.08
READASGN	635	3.11	2.95	3.15	3.05	.04	.03	.01	.01	1.02	1.01	1.06	1.03	1,879	680	13,455	.001	.327	.145	.16	-.04	.06

^a All statistics are weighted by gender, enrollment status, and institutional size.

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^c A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

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

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

^f 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
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NSSE 2009 Detailed Statistics ^a

**Indiana University of Pennsylvania
Seniors**

	N	Mean					Standard Error of the Mean ^b				Standard Deviation ^c				Degrees of Freedom ^d			Significance ^e			Effect Size ^f		
															IUP			IUP					
		IUP	IUP	PASSHE	Carnegie Class	Selected Peers	IUP	PASSHE	Carnegie Class	Selected Peers	IUP	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers
READOWN	636	2.05	2.18	2.23	2.19	.04	.03	.01	.01	.90	1.00	.99	.99	1,406	688	715	.003	.000	.000	-.14	-.18	-.14	
WRITEMOR	634	1.58	1.64	1.65	1.61	.03	.02	.01	.01	.75	.81	.81	.78	1,877	682	13,450	.122	.016	.281	-.08	-.09	-.04	
WRITEMID	636	2.57	2.48	2.54	2.43	.04	.03	.01	.01	.94	1.00	.97	.95	1,878	20,018	13,452	.081	.460	.000	.09	.03	.15	
WRITESML	637	3.36	3.03	2.98	2.90	.05	.03	.01	.01	1.17	1.17	1.16	1.16	1,275	678	699	.000	.000	.000	.28	.33	.40	
PROBSETA	635	2.51	2.49	2.63	2.66	.05	.03	.01	.01	1.17	1.20	1.21	1.24	1,875	19,961	707	.802	.010	.002	.01	-.10	-.12	
PROBSETB	634	2.64	2.61	2.38	2.40	.05	.03	.01	.01	1.21	1.21	1.22	1.24	1,874	19,951	13,392	.591	.000	.000	.03	.21	.19	
EXAMS	638	5.30	5.32	5.42	5.46	.05	.04	.01	.01	1.26	1.28	1.29	1.25	1,885	20,010	13,450	.716	.017	.001	-.02	-.10	-.13	
ATDART07	632	1.98	2.06	2.02	1.98	.04	.03	.01	.01	.93	.95	.91	.93	1,865	19,773	13,314	.111	.285	.976	-.08	-.04	.00	
EXRCSE05	631	2.77	2.71	2.67	2.65	.04	.03	.01	.01	1.04	1.05	1.04	1.04	1,859	19,788	13,310	.290	.025	.007	.05	.09	.11	
WORSHPO5	631	1.91	1.79	2.16	2.09	.04	.03	.01	.01	1.05	1.01	1.14	1.13	1,859	679	704	.013	.000	.000	.12	-.21	-.16	
OWNVIEW	629	2.59	2.65	2.76	2.69	.04	.03	.01	.01	.92	.95	.90	.90	1,852	19,734	13,285	.137	.000	.003	-.07	-.19	-.12	
OTHRVIEW	632	2.81	2.82	2.90	2.85	.04	.03	.01	.01	.89	.92	.86	.88	1,857	19,771	13,277	.859	.016	.312	-.01	-.10	-.04	
CHNGVIEW	632	2.86	2.90	2.91	2.88	.03	.03	.01	.01	.83	.88	.84	.84	1,861	19,788	13,309	.349	.088	.492	-.05	-.07	-.03	
INTERN04	628	.56	.53	.49	.49	.02	.01	.00	.00	.50	.50	.50	.50	1,274	670	692	.195	.001	.001	.06	.14	.14	
VOLNTR04	625	.62	.57	.59	.54	.02	.01	.00	.00	.49	.49	.49	.50	1,277	666	690	.085	.244	.000	.08	.05	.16	
LRNCOM04	624	.29	.26	.28	.24	.02	.01	.00	.00	.45	.44	.45	.43	1,233	19,460	680	.241	.499	.013	.06	.03	.11	
RESRCH04	629	.19	.19	.17	.16	.02	.01	.00	.00	.39	.39	.37	.37	1,839	666	686	.879	.154	.124	.01	.06	.07	
FORLNG04	628	.39	.32	.37	.36	.02	.01	.00	.00	.49	.47	.48	.48	1,224	19,559	689	.006	.411	.186	.14	.03	.05	
STDABR04	624	.12	.07	.12	.11	.01	.01	.00	.00	.33	.26	.33	.31	1,024	19,501	680	.001	.879	.335	.18	.01	.04	
INDSTD04	625	.11	.16	.16	.14	.01	.01	.00	.00	.31	.37	.37	.35	1,447	682	702	.002	.000	.017	-.14	-.15	-.09	
SNRX04	628	.33	.33	.35	.31	.02	.01	.00	.00	.47	.47	.48	.46	1,841	19,550	689	.874	.518	.310	.01	-.03	.04	
ENVSTU	626	5.57	5.65	5.55	5.49	.05	.04	.01	.01	1.26	1.32	1.34	1.32	1,838	19,511	13,211	.231	.629	.144	-.06	.02	.06	
ENVFAC	629	5.40	5.55	5.38	5.24	.05	.04	.01	.01	1.26	1.30	1.36	1.38	1,841	678	706	.017	.733	.002	-.12	.01	.12	
ENVADM	629	4.49	4.56	4.54	4.48	.07	.05	.01	.02	1.65	1.65	1.71	1.71	1,843	19,524	13,216	.402	.519	.901	-.04	-.03	.01	
ACADPR01	627	4.27	3.96	4.14	4.21	.07	.05	.01	.02	1.70	1.67	1.73	1.79	1,832	19,399	697	.000	.070	.375	.18	.07	.03	
WORKON01	628	1.92	1.93	1.79	1.74	.07	.04	.01	.01	1.66	1.50	1.62	1.60	1,158	667	686	.859	.052	.007	-.01	.08	.11	
WORKOF01	626	2.83	3.27	4.04	4.06	.09	.07	.02	.02	2.32	2.52	2.87	2.79	1,356	690	718	.000	.000	.000	-.18	-.42	-.44	
COCURR01	626	2.34	2.35	2.01	1.98	.06	.05	.01	.01	1.62	1.68	1.52	1.51	1,834	662	681	.939	.000	.000	.00	.22	.24	

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Indiana University of Pennsylvania
Seniors

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																	PASSHE	Carnegie Class	Selected Peers	PASSHE	Carnegie Class	Selected Peers
SOCIAL05	622	3.83	3.65	3.48	3.44	.07	.05	.01	.01	1.65	1.60	1.53	1.51	1,828	657	674	.028	.000	.000	.11	.22	.26
CAREDE01	622	1.89	2.06	2.65	2.59	.07	.06	.02	.02	1.82	1.96	2.44	2.37	1,821	697	730	.084	.000	.000	-.09	-.31	-.29
COMMUTE	623	2.36	2.44	2.40	2.52	.04	.03	.01	.01	.98	1.06	1.06	1.10	1,350	672	703	.113	.334	.000	-.08	-.04	-.15
ENVSCHOL	621	2.99	2.96	3.08	3.12	.03	.02	.01	.01	.77	.81	.80	.79	1,310	665	687	.432	.008	.000	.04	-.10	-.16
ENVSUPRT	619	2.85	2.95	2.88	2.85	.03	.02	.01	.01	.85	.84	.87	.86	1,804	19,084	12,965	.028	.527	.830	-.11	-.03	.01
ENVDIVRS	620	2.42	2.55	2.55	2.56	.04	.03	.01	.01	.96	.99	1.00	1.01	1,813	665	690	.010	.001	.001	-.13	-.13	-.13
ENVNACAD	620	1.93	2.10	1.95	1.90	.04	.03	.01	.01	.92	.96	.94	.94	1,811	19,097	12,967	.000	.667	.397	-.18	-.02	.03
ENVSOCAL	619	2.26	2.37	2.17	2.13	.04	.03	.01	.01	.91	.90	.94	.93	1,810	19,040	12,911	.021	.012	.000	-.11	.10	.15
ENVEVENT	620	2.59	2.79	2.55	2.54	.04	.03	.01	.01	.93	.90	.97	.95	1,219	664	12,944	.000	.267	.174	-.22	.04	.06
ENVCOMPT	621	3.40	3.42	3.47	3.49	.03	.02	.01	.01	.79	.74	.75	.74	1,815	19,117	676	.639	.039	.010	-.02	-.08	-.11
NGNENLED	611	3.22	3.22	3.22	3.17	.03	.02	.01	.01	.77	.80	.82	.82	1,781	657	12,837	.990	.831	.112	.00	.01	.07
GNWORK	611	3.12	3.14	3.05	3.05	.04	.03	.01	.01	.89	.89	.92	.93	1,777	18,881	12,866	.779	.052	.048	-.01	.08	.08
GNWRITE	608	3.14	3.05	3.08	3.01	.03	.03	.01	.01	.79	.87	.87	.88	1,776	657	12,846	.040	.079	.000	.10	.07	.15
GNSPEAK	612	3.00	3.04	2.96	2.91	.04	.02	.01	.01	.87	.85	.92	.91	1,779	656	679	.396	.322	.017	-.04	.04	.10
GNANALY	609	3.34	3.25	3.32	3.29	.03	.02	.01	.01	.72	.79	.78	.79	1,340	657	684	.020	.434	.105	.11	.03	.06
GNQUANT	607	2.98	2.95	3.04	3.05	.04	.03	.01	.01	.87	.88	.90	.89	1,770	651	12,798	.507	.095	.065	.03	-.07	-.08
GNCMPTS	611	3.18	3.23	3.21	3.23	.03	.02	.01	.01	.82	.84	.86	.86	1,781	656	678	.238	.450	.132	-.06	-.03	-.06
GNOTHERS	611	3.17	3.18	3.16	3.10	.03	.02	.01	.01	.78	.83	.86	.88	1,294	660	689	.652	.765	.032	-.02	.01	.08
GNCITIZN	609	2.35	2.31	2.29	2.24	.04	.03	.01	.01	1.08	1.07	1.08	1.09	1,766	18,656	12,739	.538	.240	.019	.03	.05	.10
GNINQ	605	3.00	3.04	3.02	2.98	.04	.03	.01	.01	.87	.89	.89	.91	1,250	647	673	.280	.536	.608	-.05	-.03	.02
GNSELF	605	2.83	2.87	2.77	2.68	.04	.03	.01	.01	.97	1.00	1.01	1.02	1,755	648	672	.440	.156	.000	-.04	.06	.15
GNDIVERS	606	2.62	2.64	2.68	2.64	.04	.03	.01	.01	.97	1.01	.99	.99	1,764	18,642	12,707	.631	.148	.544	-.02	-.06	-.03
GNPROBSV	609	2.68	2.75	2.78	2.73	.04	.03	.01	.01	.95	.96	.95	.96	1,767	18,668	12,743	.126	.013	.182	-.08	-.10	-.06
GNETHICS	607	2.71	2.73	2.68	2.56	.04	.03	.01	.01	1.03	1.02	1.04	1.05	1,763	18,656	671	.694	.480	.001	-.02	.03	.14
GNCOMMUN	609	2.40	2.40	2.47	2.33	.04	.03	.01	.01	.96	1.02	1.02	1.02	1,305	655	678	.937	.117	.060	.00	-.06	.07
GNSPIRIT	607	1.86	1.85	1.93	1.76	.04	.03	.01	.01	1.02	1.06	1.08	1.02	1,763	653	12,719	.850	.118	.018	.01	-.06	.10
ADVISE	617	2.83	2.94	2.82	2.77	.04	.03	.01	.01	.92	.90	.96	.97	1,791	662	687	.010	.823	.137	-.13	.01	.06
ENTIREXP	616	3.13	3.15	3.15	3.11	.03	.02	.01	.01	.70	.72	.76	.76	1,787	664	690	.514	.415	.433	-.03	-.03	.03
SAMECOLL	617	3.08	3.08	3.13	3.09	.04	.03	.01	.01	.88	.87	.87	.87	1,791	18,908	12,885	.935	.121	.794	.00	-.06	-.01

^a All statistics are weighted by gender, enrollment status, and institutional size.

^b 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.

^c A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

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

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

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



NSSE 2009 Mean Comparisons^a
Pennsylvania State System of Higher Education
Indiana University of Pennsylvania

IUP	<i>IUP compared with</i> PASSHE
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Pennsylvania State System of Higher Education Consortium Questions

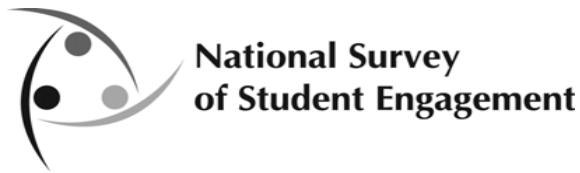
Refer to the PASSHE consortium codebook for response option values.

	<i>Variable</i>	<i>Class</i>	<i>Mean</i>	<i>Mean</i>	<i>Sig^b</i>	<i>Effect size^c</i>
1. In the current school year, about how often have you:						
1a. Used a web-based course management system to access the course syllabus, notes or assignments	PAS0901A	FY	3.26	3.31		-.07
		SR	3.21	3.28		-.08
1b. Taken a course that was offered on-line	PAS0901B	FY	1.42	1.56	***	-.17
		SR	1.96	1.90		.05
1c. Participated in a research project supervised by a faculty member	PAS0901C	FY	1.58	1.71	**	-.16
		SR	1.76	1.82		-.06
1d. Attended a university athletic event	PAS0901D	FY	2.09	2.34	***	-.25
		SR	1.85	1.95	*	-.10
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)	PAS0901E	FY	1.63	1.68		-.05
		SR	1.79	1.74		.05
1f. Had meaningful conversations with a faculty member or administrator of a different race or ethnicity than your own	PAS0901F	FY	1.87	1.95		-.08
		SR	2.08	2.23	**	-.15
1g. Had a conversation regarding personal and academic ethics with a faculty member or residence hall staff	PAS0901G	FY	1.89	2.00	*	-.12
		SR	2.04	2.13		-.09
1h. Had meaningful conversations with a person with a disability	PAS0901H	FY	1.72	1.92	***	-.24
		SR	2.02	2.05		-.03
1i. Asked a librarian or library staff member for assistance	PAS0901I	FY	1.79	1.98	***	-.23
		SR	1.95	2.01		-.07
1j. Discussed your learning style with your adviser or staff member	PAS0901J	FY	1.87	1.92		-.06
		SR	1.88	1.98	*	-.11

^a. Weighted by gender, enrollment status, and institution size

^b. * p<.05, ** p<.01, ***p<.001

^c. Mean difference divided by the pooled s.d.



NSSE 2009 Mean Comparisons ^a
Pennsylvania State System of Higher Education
Indiana University of Pennsylvania

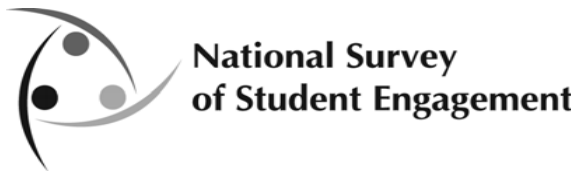
			IUP	<i>IUP compared with</i> PASSHE		
			Mean	Mean	Sig. ^b	Effect size ^c
Pennsylvania State System of Higher Education Consortium Questions						
<i>Refer to the PASSHE consortium codebook for response option values.</i>						
	<i>Variable</i>	<i>Class</i>				
1k.	Discussed selection of academic majors, minors, or academic concentrations with a faculty or staff member	PAS0901K	2.18	2.36	***	-.21
			2.14	2.26	**	-.13
1l.	Discussed career-related topics such as internships, resumes, and references with a faculty or staff member	PAS0901L	2.01	2.02		-.02
			2.66	2.66		.00
1m.	Discussed your career plans with a faculty or staff member	PAS0901M	2.14	2.19		-.05
			2.62	2.63		-.01
2. During the current school year, how many times have you had:						
2a.	Assignments based on the work of minority author(s)	PAS0902A	2.09	2.09		.00
			2.11	1.94	***	.18
2b.	Assignments that addressed issues in countries other than the United States	PAS0902B	2.27	2.06	***	.25
			2.25	2.06	***	.19
3. As a student at your current institution, how often have you:						
3a.	Changed your major	PAS0903A	1.32	1.27		.08
			1.64	1.51	**	.18
3b.	Changed graduation plans because courses were not available when needed	PAS0903B	1.11	1.10		.02
			1.63	1.52	*	.13
4. To what extent does your institution emphasize:						
4a.	A safe environment for students by providing features and services (lighting, emergency phones, escorts, adequate police patrols, etc.) that enhance safety	PAS0904A	3.10	3.23	**	-.15
			2.98	2.98		.00
4b.	A residential experience that facilitates adjustment to college	PAS0904B	2.84	3.01	***	-.18
			2.65	2.78	*	-.14
4c.	Diverse perspectives and global citizenship	PAS0904C	2.78	2.82		-.04
			2.58	2.57		.01

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^a. Weighted by gender, enrollment status, and institution size

^b. * p<.05, ** p<.01, ***p<.001

^c. Mean difference divided by the pooled s.d.



NSSE 2009 Detailed Statistics ^a
Pennsylvania State System of Higher Education
Indiana University of Pennsylvania

First-Year Students

Seniors

	N	Mean	Standard Error of the Mean ^b	Standard deviation ^c	DF ^d	Sig. ^e	Effect size ^f			
	<i>IUP compared with PASSHE</i>									
	IUP	IUP	PASSHE	IUP	PASSHE	IUP	PASSHE			
PAS0901A	939	3.26	3.31	.03	.03	.82	.83	1618	.194	-.07
PAS0901B	933	1.42	1.56	.03	.03	.83	.90	1404	.001	-.17
PAS0901C	927	1.58	1.71	.03	.03	.84	.88	1605	.002	-.16
PAS0901D	936	2.09	2.34	.03	.04	.98	.99	1450	.000	-.25
PAS0901E	931	1.63	1.68	.03	.03	.92	.90	1611	.279	-.05
PAS0901F	936	1.87	1.95	.03	.04	.93	.96	1618	.117	-.08
PAS0901G	936	1.89	2.00	.03	.04	.94	.99	1616	.020	-.12
PAS0901H	928	1.72	1.92	.03	.04	.85	.93	1599	.000	-.24
PAS0901I	929	1.79	1.98	.03	.03	.82	.80	1470	.000	-.23
PAS0901J	925	1.87	1.92	.03	.03	.89	.89	1588	.269	-.06
PAS0901K	923	2.18	2.36	.03	.03	.86	.89	1415	.000	-.21
PAS0901L	926	2.01	2.02	.03	.04	.93	.91	1596	.745	-.02
PAS0901M	927	2.14	2.19	.03	.04	.94	.91	1598	.299	-.05
PAS0902A	901	2.09	2.09	.02	.03	.73	.81	1327	.997	.00
PAS0902B	922	2.27	2.06	.03	.03	.87	.85	1455	.000	.25
PAS0903A	856	1.32	1.27	.02	.02	.59	.51	1437	.108	.08
PAS0903B	908	1.11	1.10	.01	.02	.40	.39	1558	.712	.02
PAS0904A	905	3.10	3.23	.03	.03	.89	.81	1566	.003	-.15
PAS0904B	857	2.84	3.01	.03	.04	.93	.88	1377	.000	-.18
PAS0904C	868	2.78	2.82	.03	.04	.98	.92	1434	.472	-.04

	N	Mean	Standard Error of the Mean ^b	Standard deviation ^c	DF ^d	Sig. ^e	Effect size ^f			
	<i>IUP compared with PASSHE</i>									
	IUP	IUP	PASSHE	IUP	PASSHE	IUP	PASSHE			
PAS0901A	582	3.21	3.28	.03	.03	.84	.83	1654	.103	-.08
PAS0901B	581	1.96	1.90	.04	.03	1.04	1.09	1239	.299	.05
PAS0901C	580	1.76	1.82	.04	.03	.98	1.01	1645	.257	-.06
PAS0901D	582	1.85	1.95	.04	.03	.90	1.05	1353	.041	-.10
PAS0901E	581	1.79	1.74	.04	.03	.95	.96	1648	.315	.05
PAS0901F	579	2.08	2.23	.04	.03	.96	1.03	1256	.003	-.15
PAS0901G	582	2.04	2.13	.04	.03	1.00	1.05	1248	.085	-.09
PAS0901H	575	2.02	2.05	.04	.03	.88	.93	1232	.527	-.03
PAS0901I	576	1.95	2.01	.03	.02	.81	.80	1170	.206	-.07
PAS0901J	574	1.88	1.98	.04	.03	.87	.93	1635	.037	-.11
PAS0901K	574	2.14	2.26	.04	.03	.91	.97	1244	.009	-.13
PAS0901L	574	2.66	2.66	.04	.03	.91	.99	1266	.953	.00
PAS0901M	576	2.62	2.63	.04	.03	.95	.99	1639	.796	-.01
PAS0902A	552	2.11	1.94	.04	.03	.90	.87	1591	.000	.18
PAS0902B	570	2.25	2.06	.04	.03	.98	.96	1148	.000	.19
PAS0903A	550	1.64	1.51	.04	.02	.85	.72	982	.002	.18
PAS0903B	571	1.63	1.52	.04	.03	.91	.84	1086	.011	.13
PAS0904A	562	2.98	2.98	.03	.03	.80	.88	1237	.997	.00
PAS0904B	465	2.65	2.78	.04	.03	.94	.96	1304	.018	-.14
PAS0904C	532	2.58	2.57	.04	.03	.96	.99	1508	.835	.01

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^a All statistics are weighted by gender, enrollment status, and institutional size.

^b 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.

^c A measure of the average amount individual scores deviate from the mean of all the scores in the distribution.

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

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

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