
NSSE 2020 Topical Module Report
First-Year Experiences and Senior Transitions
University of Central Missouri

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NSSE 2020 First-Year Experiences and Senior Transitions

Administration Summary

University of Central Missouri

About This Topical Module

This module includes a set of items only for first-year students and a set only for seniors, with questions adapted from the Beginning College Survey of Student Engagement and the Strategic National Arts Alumni Project, respectively. The first-year items focus on academic

Comparison Group

Group label	Public, Peer Size-2
Date submitted	6/5/20
How was this comparison group constructed?	Your institution customized this comparison group by selecting institutions from all module participants.
Group description	No description provided

Public, Peer Size-2 (N=75)

Alabama State University (Montgomery, AL)	Kean University (Union, NJ)*
Alcorn State University (Alcorn State, MS)	Kentucky State University (Frankfort, KY)*
Angelo State University (San Angelo, TX)*	Kutztown University of Pennsylvania (Kutztown, PA)*
Bloomsburg University of Pennsylvania (Bloomsburg, PA)*	Lander University (Greenwood, SC)*
Bridgewater State University (Bridgewater, MA)	Lock Haven University (Lock Haven, PA)*
California State Polytechnic University-Pomona (Pomona, CA)	Mansfield University of Pennsylvania (Mansfield, PA)*
California State University-Dominguez Hills (Carson, CA)	Miami University-Hamilton (Hamilton, OH)*
California State University, Chico (Chico, CA)	Miami University-Middletown (Middletown, OH)*
California State University, Sacramento (Sacramento, CA)	Millersville University of Pennsylvania (Millersville, PA)*
California University of Pennsylvania (California, PA)*	Mississippi University for Women (Columbus, MS)*
Castleton University (Castleton, VT)*	Montana State University Billings (Billings, MT)*
Cheyney University of Pennsylvania (Cheyney, PA)*	Nevada State College (Henderson, NV)
Clarion University of Pennsylvania (Clarion, PA)*	New College of Florida (Sarasota, FL)*
College of Charleston (Charleston, SC)*	Northern State University (Aberdeen, SD)
College of Coastal Georgia (Brunswick, GA)	Ohio State University at Newark, The (Newark, OH)*
Concord University (Athens, WV)*	Ohio State University-Lima Campus (Lima, OH)*
Dixie State University (Saint George, UT)*	Ohio State University-Mansfield Campus (Mansfield, OH)*
East Stroudsburg University of Pennsylvania (East Stroudsburg, PA)*	Ohio State University-Marion Campus (Marion, OH)*
Edinboro University of Pennsylvania (Edinboro, PA)*	Plymouth State University (Plymouth, NH)
Elizabeth City State University (Elizabeth City, NC)*	Purdue University Fort Wayne (Fort Wayne, IN)
Evergreen State College, The (Olympia, WA)	Rogers State University (Claremore, OK)
Fairmont State University (Fairmont, WV)*	Salem State University (Salem, MA)*
Fayetteville State University (Fayetteville, NC)	Shepherd University (Shepherdstown, WV)*
Fitchburg State University (Fitchburg, MA)*	Slippery Rock University of Pennsylvania (Slippery Rock, PA)*
Georgia Southwestern State University (Americus, GA)	Southeastern Louisiana University (Hammond, LA)
Glenville State College (Glenville, WV)	Southern Oregon University (Ashland, OR)
Grambling State University (Grambling, LA)*	St. Mary's College of Maryland (St. Mary's City, MD)*
Grand Valley State University (Allendale, MI)*	SUNY College at Oswego (Oswego, NY)
Humboldt State University (Arcata, CA)*	SUNY College at Plattsburgh (Plattsburgh, NY)
Jacksonville State University (Jacksonville, AL)*	SUNY-Buffalo State College (Buffalo, NY)

Public, Peer Size-2 (N=75), continued

University of Arkansas at Monticello (Monticello, AR)*
University of Maine at Augusta (Augusta, ME)
University of Maine at Fort Kent (Fort Kent, ME)
University of Maine at Presque Isle (Presque Isle, ME)
University of Minnesota Morris (Morris, MN)
University of South Florida-St. Petersburg (St. Petersburg, FL)
University of Tennessee Martin, The (Martin, TN)
University of Virginia's College at Wise, The (Wise, VA)
University of Washington Tacoma (Tacoma, WA)*
University of Wisconsin Oshkosh (Oshkosh, WI)
University of Wisconsin-Platteville (Platteville, WI)
West Chester University of Pennsylvania (West Chester, PA)*
Western Illinois University (Macomb, IL)*
Western Oregon University (Monmouth, OR)
Winona State University (Winona, MN)*

*2019 participant

First-Year Students

Item wording or description	Values ^c	Response options			Central Missouri		Mean	Effect size ^d	
			Count	%	Count	%			
a.	1	Never	10	6	672	5	2.6	2.7	-.11
	2	Sometimes	90	45	5,497	39			
	3	Often	65	31	5,290	36			
	4	Very often	41	18	2,877	20			
		Total	206	100	14,336	100			
b.	1	Never	8	5	427	3	2.8	2.8	-.07
	2	Sometimes	68	33	4,395	31			
	3	Often	85	41	6,484	45			
	4	Very often	45	21	3,004	21			
		Total	206	100	14,310	100			
c.	1	Never	15	7	897	7	2.6	2.7	-.05
	2	Sometimes	83	40	5,350	38			
	3	Often	77	38	5,490	38			
	4	Very often	31	16	2,582	18			
		Total	206	100	14,319	100			
d.	1	Never	19	10	1,176	9	2.6	2.6	.03
	2	Sometimes	74	36	5,719	40			
	3	Often	77	36	4,881	34			
	4	Very often	36	18	2,526	17			
		Total	206	100	14,302	100			
e.	1	Never	1	0	145	1	3.1	3.1	.03
	2	Sometimes	39	20	2,864	21			
	3	Often	107	52	7,134	50			
	4	Very often	57	28	4,146	28			
		Total	204	100	14,289	100			
f.	1	Never	9	4	596	5	2.8		
	2	Sometimes	74	34	4,493	30			
	3	Often	80	39	5,822	41			

NSSE 2020 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: First-Year Experiences

University of Central Missouri

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Central Missouri		Public, Peer Size-2		Central Missouri	Public, Peer Size-2	Effect size ^d
				Count	%	Count	%	Mean	Mean	
c. Getting help with school work	FYSfy02c	1	Not at all difficult	36	17	2,262	16	2.9	2.9	-.01
		2	2	52	26	3,675	25			
		3	3	53	28	4,079	28			
		4	4	36	17	2,752	19			
		5	5	20	9	1,081	8			
		6	Very difficult	8	4	463	3			
		Total		205	100	14,312	100			
d. Interacting with faculty	FYSfy02d	1	Not at all difficult	37	18	3,005	21	2.8	2.7	.06
		2	2	62	31	3,834	27			
		3	3	41	20	3,576	25			
		4	4	36	18	2,438	17			
		5	5	20	9	1,022	7			
		6	Very difficult	9	4	428	3			
		Total		205	100	14,303	100			
3. During the current school year, about how often have you sought help with coursework from the following sources?										
a. Faculty members	FYSfy03a_16	1	Never	35	19	2,333	17	2.2	2.2	.00
		2	Sometimes	100	47	7,451	52			
		3	Often	57	28	3,385	24			
		4	Very often	13	6	1,127	8			
		Total		205	100	14,296	100			
b. Academic advisors	FYSfy03b_16	1	Never	76	39	5,721	40	1.9	1.9	.00
		2	Sometimes	85	40	5,644	40			
		3	Often	33	16	2,238	16			
		4	Very often	11	4	671	5			
		Total		205	100	14,274	100			
c. Learning support services (tutoring, writing center, success coaching, etc.)	FYSfy03c_16	1	Never	80	40	5,772	41	1.9	1.9	-.01
		2	Sometimes	74	35	4,953	35			
		3	Often	40	19	2,397	17			
		4	Very often	11	6	1,155	8			
		Total		205	100	14,277	100			
d. Friends or other students	FYSfy03d_16	1	Never	17	9	755	6	2.8	2.8	-.02
		2	Sometimes	57	26	4,160	31			
		3	Often	79	40	5,673	39			
		4	Very often	52	25	3,699	25			
		Total		205	100	14,287	100			
e. Family members	FYSfy03e_16	1	Never	79	39	5,257	38	2.0	2.0	-.06
		2	Sometimes	66	34	4,719	33			
		3	Often	42	19	2,869	20			
		4	Very often	18	8	1,437	10			
		Total		205	100	14,282	100			
f. Other persons or offices	FYSfy03f_16	1	Never	118	56	8,118	56	1.6	1.6	-.01
		2	Sometimes	58	30	4,156	29			
		3	Often	21	10	1,473	11			
		4	Very often	8	3	526	4			
		Total		205	100	14,273	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the endnotes page for the key to triangle symbols.

NSSE 2020 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: First-Year Experiences

University of Central Missouri

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Central
Missouri

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a		Frequency Distributions ^a		Statistical Comparisons ^b		Statistical Comparisons ^b	
				Count	%	Count	%	Mean	Mean	Effect size ^d	Effect size ^d

Seniors

Item wording or description	Values ^f	Response options					Central Missouri	Effect size ^d
			Count	%	Count	%	Mean	
		No	126	42	5,866	32		
		Yes	182	58	12,956	68		
		Total	308	100	18,822	100		
FYSsr01a	—	Full-time employment	122	66	7,890	61		
	—	Part-time employment	11	5	659	5		
	—	Graduate or professional school	32	17	2,625	20		
	—	Military service	1	1	92	1		
	—	Service or volunteer activity (AmeriCorps, Peace Corps, Teach for America, etc.)	2	1	92	1		
	—	Internship (paid or unpaid)	8	5	624	5		
	—	Travel or gap year	3	2	450	3		
	—	No plans at this time	4	2	396	3		
	—	Other, please specify:	2	1	275	2		
		Total	185	100	13,103	100		
		No	63	46	4,794	55		
		Yes, I will start a new job	29	21	1,527	18	54%	45% * .18
		Yes, I will continue in my current job	41	32	2,201	27		
		Total	133	100	8,522	100		
FYSsr02	1	Very little	9	5	758	6	3.1	3.0 .14
	2	Some	33	18	2,772	22		
	3	Quite a bit	63	35	4,933	37		
	4	Very much	80	42	4,616	35		
		Total	185	100	13,079	100		
3. Do you intend to work eventually in a field related to your major(s)?^j								
FYSsr03	Yes		284	92	16,678	88	92%	88% * .12
(Means indicate the percentage who responded "Yes.")	No		9	3	610	3		
	Unsure		16	6	1,606	9		
	Total		309	100	18,894	100		
4. Do you plan to be self-employed, an independent contractor, or a freelance worker someday?^j								
FYSsr04	Yes		61	21	3,609	20	21%	20% .01
(Means indicate the percentage who responded "Yes.")	No		182	57	10,449	54		
	Unsure		66	22	4,846	26		
	Total		309	100	18,904	100		

NSSE 2020 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: Senior Transitions

University of Central Missouri

Seniors

Item wording or description	Variable name	Values ^f	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Central Missouri		Public, Peer Size-2		Central Missouri	Public, Peer Size-2	Effect size ^d
				Count	%	Count	%	Mean	Mean	
5. Do you plan to start your own business (nonprofit or for-profit) someday?^j										
	FYSsr05		Yes	59	21	4,135	23	21%	23%	-.06
	(Means indicate the percentage who responded "Yes.")		No	173	53	9,509	49			
			Unsure	77	26	5,261	28			
			Total	309	100	18,905	100			
6. How much confidence do you have in your ability to complete tasks requiring the following skills and abilities?										
a. Critical thinking and analysis of arguments and information	FYSsr06a		1 Very little	3	1	133	1	3.4	3.4	-.04
			2 Some	28	9	1,655	9			
			3 Quite a bit	126	40	7,354	38			
			4 Very much	151	50	9,728	52			
			Total	308	100	18,870	100			
b. Creative thinking and problem solving	FYSsr06b		1 Very little	2	1	104	1	3.5	3.5	.01
			2 Some	23	7	1,364	7			
			3 Quite a bit	114	37	7,143	37			
			4 Very much	169	55	10,239	55			
			Total	308	100	18,850	100			
c. Research skills	FYSsr06c		1 Very little	5	1	358	2	3.2	3.2	-.03
			2 Some	53	18	3,036	16			
			3 Quite a bit	127	41	7,654	40			
			4 Very much	124	40	7,806	42			
			Total	309	100	18,854	100			
d. Clear writing	FYSsr06d		1 Very little	2	1	236	1	3.3	3.3	.02
			2 Some	37	13	2,348	13			
			3 Quite a bit	127	40	7,676	41			
			4 Very much	142	46	8,599	45			
			Total	308	100	18,859	100			
e. Persuasive speaking	FYSsr06e		1 Very little	17	5	659	3	3.0	3.0	-.08
			2 Some	77	24	4,443	23			
			3 Quite a bit	116	38	7,374	39			
			4 Very much	97	32	6,384	34			
			Total	307	100	18,860	100			
f. Technological skills	FYSsr06f		1 Very little	8	3	563	3	3.1	3.1	.01
			2 Some	66	20	4,163	22			
			3 Quite a bit	132	44	7,838	41			
			4 Very much	101	33	6,287	34			
			Total	307	100	18,851	100			
g. Financial and business management skills	FYSsr06g		1 Very little	38	11	2,919	15	2.6	2.5	.10
			2 Some	107	34	6,924	36			
			3 Quite a bit	100	35	5,496	29			
			4 Very much	62	20	3,499	20			
			Total	307	100	18,838	100			

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to the endnotes page for the key to triangle symbols.

NSSE 2020 First-Year Experiences and Senior Transitions

Frequencies and Statistical Comparisons: Senior Transitions

University of Central Missouri

Seniors

Item wording or description	Variable name	Values ^f	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Central Missouri		Public, Peer Size-2		Central Missouri	Public, Peer Size-2	
				Count	%	Count	%	Mean	Mean	Effect size ^d
h.		1	Very little	71	21	4,284	22	2.3	2.3	-.04
		2	Some	122	41	7,231	38			
		3	Quite a bit	72	24	4,497	24			
		4	Very much	42	13	2,821	16			
		Total		307	100	18,833	100			
i.		1	Very little	8	3	510	3	3.2	3.2	.02
		2	Some	54	18	3,140	17			
		3	Quite a bit	105	33	6,805	36			
		4	Very much	141	47	8,406	44			
		Total		308	100	18,861	100			
j. Networking and relationship building	FYSsr06j	1	Very little	17	5	932	5	3.1	3.0	.04
		2	Some	66	22	4,287	23			
		3	Quite a bit	102	34	6,993	36			
		4	Very much	121	39	6,640	35			
		Total		306	100	18,852	100			
7. To what extent has your coursework in your major(s) emphasized the following?										
a. Generating new ideas or brainstorming	FYSsr07a	1	Very little	5	2	490	3	3.2	3.1	.07
		2	Some	48	17	3,342	18			
		3	Quite a bit	128	42	7,709	41			
		4	Very much	126	40	7,287	38			
		Total		307	100	18,828	100			
b. Taking risks in your coursework without fear of penalty	FYSsr07b	1	Very little	45	14	3,292	18	2.6	2.6	.02
		2	Some	102	33	5,339	28			
		3	Quite a bit	83	29	5,677	30			
		4	Very much	76	24	4,508	24			
		Total		306	100	18,816	100			
c. Evaluating multiple approaches to a problem	FYSsr07c	1	Very little	8	3	648	4	3.1	3.1	.04
		2	Some	59	20	3,575	19			
		3	Quite a bit	115	38	7,561	40			
		4	Very much	124	40	7,018	37			
		Total		306	100	18,802	100			
d. Inventing new methods to arrive at unconventional solutions	FYSsr07d	1	Very little	30	10	1,834	10	2.8	2.8	.06
		2	Some	78	25	5,572	30			
		3	Quite a bit	111	37	6,273	33			
		4	Very much	87	28	5,056	27			
		Total		306	100	18,735	100			

8. Is there anything your institution could have done better to prepare you for your career or further education? Please describe.

This final question asked students to respond in an open text box. Comments were recorded for 90 seniors. Responses are provided in your "NSSE20 Student Comments" report and in a separate SPSS data file.

These open-ended responses appear exactly as respondents entered and may not be suitable for distribution without privacy.

NSSE 2020 First-Year Experiences and Senior Transitions

Detailed Statistics: Senior Transitions^e

University of Central Missouri

Seniors

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
		Central Missouri	Public, Peer Size-2	Central Missouri	Public, Peer Size-2	Central Missouri	Public, Peer Size-2			
FYSsr01b ^k	127	.536	.448	.0444	.0068	--	--	--	.049	.18
FYSsr02	178	3.13	3.01	.067	.010	0.89	0.90	8,243	.070	.14
FYSsr03 ^k	304	.916	.879	.0159	.0030	--	--	--	.050	.12
FYSsr04 ^k	303	.208	.202	.0233	.0037	--	--	--	.804	.01
FYSsr05 ^k	304	.206	.231	.0232	.0039	--	--	--	.306	-.06
FYSsr06a	302	3.40	3.42	.040	.006	0.69	0.68	12,051	.487	-.04
FYSsr06b	302	3.47	3.46	.038	.006	0.65	0.66	12,029	.808	.01
FYSsr06c	304	3.20	3.22	.044	.007	0.77	0.78	12,042	.624	-.03
FYSsr06d	302	3.31	3.30	.042	.007	0.73	0.74	12,041	.775	.02
FYSsr06e	302	2.97	3.04	.051	.008	0.89	0.84	12,045	.155	-.08
FYSsr06f	301	3.08	3.07	.046	.008	0.80	0.82	12,035	.900	.01
FYSsr06g	301	2.64	2.54	.053	.009	0.93	0.97	12,028	.083	.10
FYSsr06h	301	2.30	2.34	.055	.009	0.95	0.99	12,025	.457	-.04
FYSsr06i	302	3.24	3.22	.048	.008	0.83	0.83	12,043	.672	.02
FYSsr06j	301	3.06	3.02	.052	.008	0.91	0.89	12,035	.476	.04
FYSsr07a	302	3.20	3.14	.045	.008	0.77	0.81	12,020	.201	.07
FYSsr07b	301	2.62	2.60	.058	.010	1.00	1.04	12,013	.730	.02
FYSsr07c	301	3.14	3.11	.048	.008	0.82	0.84	12,004	.474	.04
FYSsr07d	300	2.83	2.77	.054	.009	0.94	0.96	11,965	.268	.06

See the endnotes on the last page of this report.

Endnotes

- a.
- b.
- c.
- d.
- e.
- f. The 95% confidence interval for the population mean is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- g. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- h. Degrees of freedom used to compute the t-tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- i.
- j.
- k.

Key to symbols: