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# **NSSE 2017 Topical Module Report**

## **Inclusiveness & Engagement with Diversity**

Western Michigan University

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### About This Topical Module

This module examines environments, processes, and activities that reflect the engagement and validation of cultural diversity and promote greater understanding of societal differences. Questions explore students' exposure to inclusive teaching practices and intercultural learning; perceptions of institutional values and commitment regarding diversity; and participation in diversity-related programming and coursework. Complementary FSSE set available.

### Comparison Group

This section summarizes how this module's comparison group was identified, including selection criteria and whether the default option was taken. This is followed by the resulting list of institutions represented in the 'Carnegie-Aspirational' column of this report.

Group label	Carnegie-Aspirational
Date submitted	5/17/17
How was this comparison group constructed?	Your institution customized this comparison group by selecting institutions from all module participants.
Group description	These are institutions that are our Basic Carnegie peers and a few aspirational institutions.

### Carnegie-Aspirational (N=11)

Auburn University (Auburn University, AL)  
 Rensselaer Polytechnic Institute (Troy, NY)  
 Texas State University (San Marcos, TX)  
 University at Buffalo, State University of New York (Buffalo, NY)  
 University of Cincinnati (Cincinnati, OH)  
 University of Massachusetts Dartmouth (North Dartmouth, MA)  
 University of Mississippi (University, MS)  
 University of North Dakota (Grand Forks, ND)  
 Virginia Commonwealth University (Richmond, VA)  
 Washington State University (Pullman, WA)  
 Wichita State University (Wichita, KS)

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. During the current school year, how much has your coursework emphasized the following?</b>										
a. Developing the skills necessary to work effectively with people from various backgrounds	ICD01a	1	Very little	46	13	802	13	<b>2.6</b>	2.5	.01
		2	Some	121	34	2,139	35			
		3	Quite a bit	138	38	2,181	37			
		4	Very much	55	16	926	15			
		Total		360	100	6,048	100			
b. Recognizing your own cultural norms and biases	ICD01b	1	Very little	38	11	886	14	<b>2.7</b>	2.5 *	.14
		2	Some	102	29	1,943	33			
		3	Quite a bit	154	42	2,243	37			
		4	Very much	65	18	963	16			
		Total		359	100	6,035	100			
c. Sharing your own perspectives and experiences	ICD01c	1	Very little	27	8	568	9	<b>2.8</b>	2.7	.10
		2	Some	99	28	1,850	31			
		3	Quite a bit	155	43	2,496	41			
		4	Very much	79	22	1,124	19			
		Total		360	100	6,038	100			
d. Exploring your own background through projects, assignments, or programs	ICD01d	1	Very little	75	21	1,224	20	<b>2.5</b>	2.4	.07
		2	Some	99	27	2,055	34			
		3	Quite a bit	127	36	1,899	32			
		4	Very much	59	16	864	14			
		Total		360	100	6,042	100			
e. Learning about other cultures	ICD01e	1	Very little	65	18	999	15	<b>2.5</b>	2.5	.00
		2	Some	118	33	2,200	36			
		3	Quite a bit	114	31	1,882	32			
		4	Very much	64	18	957	16			
		Total		361	100	6,038	100			
f. Discussing issues of equity or privilege	ICD01f	1	Very little	62	18	1,121	18	<b>2.6</b>	2.5	.11
		2	Some	91	26	1,969	33			
		3	Quite a bit	138	38	1,946	33			
		4	Very much	68	18	998	16			
		Total		359	100	6,034	100			
g. Respecting the expression of diverse ideas	ICD01g	1	Very little	40	11	648	10	<b>2.7</b>	2.7	.01
		2	Some	96	27	1,754	29			
		3	Quite a bit	143	39	2,321	39			
		4	Very much	81	22	1,310	21			
		Total		360	100	6,033	100			
<b>2. How much does your institution emphasize the following?</b>										
a. Demonstrating a commitment to diversity	ICD02a	1	Very little	17	5	282	5	<b>3.1</b>	3.0	.03
		2	Some	76	21	1,335	22			
		3	Quite a bit	138	38	2,382	40			
		4	Very much	129	36	2,029	34			
		Total		360	100	6,028	100			
b. Providing students with the resources needed for success in a multicultural world	ICD02b	1	Very little	28	8	346	5	<b>2.9</b>	2.9	-.05
		2	Some	92	26	1,565	26			
		3	Quite a bit	140	38	2,431	41			
		4	Very much	100	28	1,679	28			
		Total		360	100	6,021	100			

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

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
c. Creating an overall sense of community among students	ICD02c	1	Very little	19	5	316	5	<b>3.0</b>	3.0	-.04
		2	Some	86	25	1,337	22			
		3	Quite a bit	142	39	2,530	42			
		4	Very much	112	31	1,847	31			
		Total		359	100	6,030	100			
d. Ensuring that you are not stigmatized because of your identity (racial/ethnic identification, gender identity, sexual orientation, religious affiliation, etc.)	ICD02d	1	Very little	26	7	334	6	<b>3.0</b>	3.0	-.01
		2	Some	74	21	1,341	22			
		3	Quite a bit	133	38	2,392	40			
		4	Very much	126	34	1,962	33			
		Total		359	100	6,029	100			
e. Providing information about anti discrimination and harassment policies	ICD02e	1	Very little	17	5	383	6	<b>3.0</b>	2.9	.04
		2	Some	86	24	1,489	25			
		3	Quite a bit	147	41	2,358	39			
		4	Very much	109	30	1,785	30			
		Total		359	100	6,015	100			
f. Taking allegations of discrimination or harassment seriously	ICD02f	1	Very little	22	6	288	5	<b>3.0</b>	3.1	-.04
		2	Some	68	19	1,230	20			
		3	Quite a bit	150	42	2,438	40			
		4	Very much	119	34	2,072	35			
		Total		359	100	6,028	100			
g. Helping students develop the skills to confront discrimination and harassment	ICD02g	1	Very little	30	8	493	8	<b>2.8</b>	2.8	.04
		2	Some	98	28	1,741	28			
		3	Quite a bit	126	36	2,263	38			
		4	Very much	103	29	1,515	26			
		Total		357	100	6,012	100			
<b>3. How much does your institution provide a supportive environment for the following forms of diversity?</b>										
a. Racial/ethnic identification	ICD03a	1	Very little	8	2	175	3	<b>3.2</b>	3.1	.06
		2	Some	68	19	1,196	19			
		3	Quite a bit	139	39	2,455	41			
		4	Very much	141	39	2,189	36			
		Total		356	100	6,015	100			
b. Gender identity	ICD03b	1	Very little	13	4	279	5	<b>3.2</b>	3.0 **	.16 △
		2	Some	63	18	1,325	22			
		3	Quite a bit	133	36	2,329	39			
		4	Very much	149	42	2,088	34			
		Total		358	100	6,021	100			
c. Economic background	ICD03c	1	Very little	29	8	478	8	<b>2.8</b>	2.8	-.02
		2	Some	113	32	1,709	28			
		3	Quite a bit	112	31	2,253	38			
		4	Very much	103	29	1,580	26			
		Total		357	100	6,020	100			
d. Political affiliation	ICD03d	1	Very little	33	9	731	12	<b>2.7</b>	2.7	.01
		2	Some	124	35	1,891	31			
		3	Quite a bit	118	33	2,052	35			
		4	Very much	82	23	1,344	23			
		Total		357	100	6,018	100			

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

### First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
e. Religious affiliation	ICD03e	1	Very little	17	5	438	7	<b>2.9</b>	2.9	.07
		2	Some	103	29	1,670	27			
		3	Quite a bit	128	36	2,262	38			
		4	Very much	110	31	1,652	28			
		Total		358	100	6,022	100			
f. Sexual orientation	ICD03f	1	Very little	15	4	323	6	<b>3.1</b>	3.0 **	.15
		2	Some	73	21	1,420	24			
		3	Quite a bit	121	33	2,221	37			
		4	Very much	149	41	2,054	34			
		Total		358	100	6,018	100			
g. Disability status	ICD03g	1	Very little	25	7	477	8	<b>3.0</b>	2.9	.07
		2	Some	87	25	1,580	25			
		3	Quite a bit	124	34	2,202	37			
		4	Very much	122	34	1,765	30			
		Total		358	100	6,024	100			
<b>4. The term “cultural community” can refer to a racial or ethnic community, a religious community, a community based on sexual orientation or gender identity, the neighborhood where you grew up, etc. Considering the community with which you most strongly identify, to what extent do you agree or disagree with the following statements?</b>										
a. On campus, there are enough opportunities to learn about my own cultural community.	ICD04a	1	Strongly disagree	12	4	232	4	<b>3.7</b>	3.6	.06
		2	Somewhat disagree	30	8	610	10			
		3	Neither agree nor disagree	99	28	1,675	27			
		4	Somewhat agree	141	39	2,369	39			
		5	Strongly agree	76	21	1,115	19			
		Total		358	100	6,001	100			
b. On campus, there are enough opportunities to learn about important issues within my own cultural community.	ICD04b	1	Strongly disagree	13	4	223	4	<b>3.7</b>	3.6	.06
		2	Somewhat disagree	33	9	576	9			
		3	Neither agree nor disagree	88	25	1,687	28			
		4	Somewhat agree	143	39	2,391	40			
		5	Strongly agree	80	22	1,105	19			
		Total		357	100	5,982	100			
c. On campus, there are enough opportunities to learn about the experiences of people within my own cultural community.	ICD04c	1	Strongly disagree	14	4	216	4	<b>3.7</b>	3.6	.03
		2	Somewhat disagree	29	8	550	9			
		3	Neither agree nor disagree	97	28	1,660	28			
		4	Somewhat agree	137	38	2,398	40			
		5	Strongly agree	80	22	1,156	20			
		Total		357	100	5,980	100			
d. In general, people on campus value knowledge from my cultural community.	ICD04d	1	Strongly disagree	12	4	253	4	<b>3.6</b>	3.5	.04
		2	Somewhat disagree	38	11	578	10			
		3	Neither agree nor disagree	108	31	1,969	32			
		4	Somewhat agree	125	35	2,162	36			
		5	Strongly agree	72	19	1,015	17			
		Total		355	100	5,977	100			
e. In general, people on campus value the experiences of people within my cultural community.	ICD04e	1	Strongly disagree	15	5	232	4	<b>3.6</b>	3.5	.04
		2	Somewhat disagree	30	8	549	9			
		3	Neither agree nor disagree	110	31	1,981	32			
		4	Somewhat agree	133	37	2,189	37			
		5	Strongly agree	68	19	1,020	17			
		Total		356	100	5,971	100			

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

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
f. In general, my cultural community is valued on campus.	ICD04f	1	Strongly disagree	14	4	215	4	<b>3.7</b>	3.7	.03
		2	Somewhat disagree	21	6	446	8			
		3	Neither agree nor disagree	109	31	1,798	30			
		4	Somewhat agree	123	34	2,165	36			
		5	Strongly agree	90	25	1,349	22			
		Total		357	100	5,973	100			

### Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. During the current school year, how much has your coursework emphasized the following?</b>										
a. Developing the skills necessary to work effectively with people from various backgrounds	ICD01a	1	Very little	99	13	1,112	14	<b>2.7</b>	2.6	.07
		2	Some	198	26	2,442	30			
		3	Quite a bit	281	37	2,717	33			
		4	Very much	190	24	1,827	22			
		Total		768	100	8,098	100			
b. Recognizing your own cultural norms and biases	ICD01b	1	Very little	85	12	1,562	20	<b>2.8</b>	2.5 ***	.30
		2	Some	175	23	2,366	29			
		3	Quite a bit	276	36	2,440	30			
		4	Very much	230	29	1,712	21			
		Total		766	100	8,080	100			
c. Sharing your own perspectives and experiences	ICD01c	1	Very little	69	10	1,052	14	<b>2.9</b>	2.7 ***	.22
		2	Some	162	22	2,263	28			
		3	Quite a bit	305	39	2,891	35			
		4	Very much	231	29	1,867	23			
		Total		767	100	8,073	100			
d. Exploring your own background through projects, assignments, or programs	ICD01d	1	Very little	156	22	2,024	26	<b>2.5</b>	2.4 ***	.16
		2	Some	191	24	2,389	29			
		3	Quite a bit	251	33	2,207	27			
		4	Very much	167	21	1,471	18			
		Total		765	100	8,091	100			
e. Learning about other cultures	ICD01e	1	Very little	109	15	1,893	24	<b>2.6</b>	2.4 ***	.20
		2	Some	248	32	2,539	31			
		3	Quite a bit	227	29	2,057	25			
		4	Very much	181	23	1,598	19			
		Total		765	100	8,087	100			
f. Discussing issues of equity or privilege	ICD01f	1	Very little	140	20	2,326	30	<b>2.6</b>	2.3 ***	.27
		2	Some	203	27	2,342	29			
		3	Quite a bit	226	29	1,896	23			
		4	Very much	194	24	1,518	18			
		Total		763	100	8,082	100			
g. Respecting the expression of diverse ideas	ICD01g	1	Very little	88	13	1,275	17	<b>2.8</b>	2.6 ***	.17
		2	Some	175	23	2,146	27			
		3	Quite a bit	258	33	2,609	32			
		4	Very much	243	31	2,053	25			
		Total		764	100	8,083	100			
<b>2. How much does your institution emphasize the following?</b>										
a. Demonstrating a commitment to diversity	ICD02a	1	Very little	34	5	556	7	<b>3.1</b>	2.9 ***	.15
		2	Some	146	19	1,866	23			
		3	Quite a bit	289	38	3,035	37			
		4	Very much	298	38	2,617	32			
		Total		767	100	8,074	100			
b. Providing students with the resources needed for success in a multicultural world	ICD02b	1	Very little	47	6	735	9	<b>2.8</b>	2.8 *	.08
		2	Some	226	30	2,382	30			
		3	Quite a bit	281	37	2,945	36			
		4	Very much	211	27	2,011	25			
		Total		765	100	8,073	100			

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



### Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
c. Creating an overall sense of community among students	ICD02c	1	Very little	54	8	687	9	<b>2.9</b>	2.8 **	.12
		2	Some	168	22	2,180	27			
		3	Quite a bit	295	38	3,051	38			
		4	Very much	250	32	2,159	27			
		Total		767	100	8,077	100			
d. Ensuring that you are not stigmatized because of your identity (racial/ethnic identification, gender identity, sexual orientation, religious affiliation, etc.)	ICD02d	1	Very little	52	7	774	10	<b>3.0</b>	2.8 ***	.16
		2	Some	157	21	2,063	26			
		3	Quite a bit	294	38	2,936	36			
		4	Very much	261	33	2,283	28			
		Total		764	100	8,056	100			
e. Providing information about anti discrimination and harassment policies	ICD02e	1	Very little	78	10	746	9	<b>2.8</b>	2.8	.03
		2	Some	193	26	2,232	28			
		3	Quite a bit	260	34	2,915	36			
		4	Very much	233	30	2,176	27			
		Total		764	100	8,069	100			
f. Taking allegations of discrimination or harassment seriously	ICD02f	1	Very little	61	8	677	8	<b>2.9</b>	2.9	.01
		2	Some	177	23	1,911	23			
		3	Quite a bit	276	36	2,974	37			
		4	Very much	250	32	2,485	32			
		Total		764	100	8,047	100			
g. Helping students develop the skills to confront discrimination and harassment	ICD02g	1	Very little	105	14	1,208	15	<b>2.6</b>	2.6	.05
		2	Some	237	31	2,661	33			
		3	Quite a bit	246	32	2,501	31			
		4	Very much	174	22	1,684	21			
		Total		762	100	8,054	100			
<b>3. How much does your institution provide a supportive environment for the following forms of diversity?</b>										
a. Racial/ethnic identification	ICD03a	1	Very little	33	5	471	6	<b>3.1</b>	2.9 ***	.13
		2	Some	148	20	1,966	24			
		3	Quite a bit	310	41	3,064	38			
		4	Very much	275	35	2,540	32			
		Total		766	100	8,041	100			
b. Gender identity	ICD03b	1	Very little	36	5	673	9	<b>3.0</b>	2.8 ***	.22
		2	Some	166	22	2,270	29			
		3	Quite a bit	291	38	2,770	34			
		4	Very much	274	35	2,331	28			
		Total		767	100	8,044	100			
c. Economic background	ICD03c	1	Very little	79	11	1,066	14	<b>2.7</b>	2.6 *	.07
		2	Some	246	32	2,681	33			
		3	Quite a bit	262	34	2,522	32			
		4	Very much	181	23	1,770	22			
		Total		768	100	8,039	100			
d. Political affiliation	ICD03d	1	Very little	98	13	1,352	17	<b>2.6</b>	2.5	.07
		2	Some	275	36	2,868	35			
		3	Quite a bit	244	32	2,343	29			
		4	Very much	147	19	1,480	19			
		Total		764	100	8,043	100			

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

### Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
e. Religious affiliation	ICD03e	1	Very little	62	9	976	13	<b>2.8</b>	2.6 **	.11
		2	Some	246	32	2,636	33			
		3	Quite a bit	263	34	2,642	33			
		4	Very much	196	25	1,794	22			
		Total		767	100	8,048	100			
f. Sexual orientation	ICD03f	1	Very little	47	7	706	9	<b>3.0</b>	2.8 ***	.21
		2	Some	167	22	2,305	29			
		3	Quite a bit	276	36	2,771	34			
		4	Very much	277	35	2,259	28			
		Total		767	100	8,041	100			
g. Disability status	ICD03g	1	Very little	48	7	854	11	<b>3.0</b>	2.8 ***	.18
		2	Some	184	24	2,303	28			
		3	Quite a bit	279	37	2,709	34			
		4	Very much	254	33	2,174	27			
		Total		765	100	8,040	100			
<b>4. The term “cultural community” can refer to a racial or ethnic community, a religious community, a community based on sexual orientation or gender identity, the neighborhood where you grew up, etc. Considering the community with which you most strongly identify, to what extent do you agree or disagree with the following statements?</b>										
a. On campus, there are enough opportunities to learn about my own cultural community.	ICD04a	1	Strongly disagree	40	6	526	7	<b>3.5</b>	3.4 *	.09
		2	Somewhat disagree	74	10	922	11			
		3	Neither agree nor disagree	250	33	2,604	33			
		4	Somewhat agree	247	32	2,565	32			
		Total		766	100	8,013	100			
b. On campus, there are enough opportunities to learn about important issues within my own cultural community.	ICD04b	1	Strongly disagree	35	5	516	7	<b>3.5</b>	3.4 *	.09
		2	Somewhat disagree	84	11	916	11			
		3	Neither agree nor disagree	237	31	2,638	33			
		4	Somewhat agree	264	34	2,606	32			
		Total		766	100	7,992	100			
c. On campus, there are enough opportunities to learn about the experiences of people within my own cultural community.	ICD04c	1	Strongly disagree	36	5	483	6	<b>3.5</b>	3.4 *	.09
		2	Somewhat disagree	80	11	903	11			
		3	Neither agree nor disagree	236	31	2,597	33			
		4	Somewhat agree	257	33	2,614	32			
		Total		763	100	7,973	100			
d. In general, people on campus value knowledge from my cultural community.	ICD04d	1	Strongly disagree	45	6	542	7	<b>3.4</b>	3.4 *	.07
		2	Somewhat disagree	65	8	924	11			
		3	Neither agree nor disagree	278	37	2,890	37			
		4	Somewhat agree	246	32	2,335	29			
		Total		761	100	7,979	100			
e. In general, people on campus value the experiences of people within my cultural community.	ICD04e	1	Strongly disagree	41	6	513	7	<b>3.5</b>	3.4	.06
		2	Somewhat disagree	70	9	856	10			
		3	Neither agree nor disagree	262	35	2,870	36			
		4	Somewhat agree	260	34	2,451	31			
		Total		759	100	7,971	100			

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

**Seniors**

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				WMU		Carnegie-Aspirational		WMU	Carnegie-Aspirational	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
f. In general, my cultural community is valued on campus.	ICD04f	1	Strongly disagree	32	4	493	6	<b>3.6</b>	3.5 **	.09
		2	Somewhat disagree	62	8	703	9			
		3	Neither agree nor disagree	246	32	2,776	35			
		4	Somewhat agree	270	35	2,452	30			
		5	Strongly agree	157	20	1,564	20			
		Total		767	100	7,988	100			

#### First-Year Students

Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
		WMU	Carnegie-Aspirational	WMU	Carnegie-Aspirational	WMU	Carnegie-Aspirational			
ICD01a	357	2.56	2.55	.05	.01	0.90	0.90	5,690	.797	.01
ICD01b	357	2.67	2.55	.05	.01	0.89	0.92	5,676	.013	.14
ICD01c	357	2.79	2.70	.05	.01	0.87	0.87	5,681	.057	.10
ICD01d	358	2.47	2.40	.05	.01	1.00	0.96	5,683	.183	.07
ICD01e	359	2.49	2.49	.05	.01	0.99	0.94	5,682	.946	.00
ICD01f	357	2.57	2.47	.05	.01	0.99	0.97	5,674	.053	.11
ICD01g	358	2.73	2.72	.05	.01	0.93	0.91	5,673	.889	.01
ICD02a	357	3.05	3.03	.05	.01	0.88	0.86	5,670	.592	.03
ICD02b	357	2.87	2.92	.05	.01	0.91	0.86	400	.363	-.05
ICD02c	357	2.96	2.99	.05	.01	0.88	0.86	5,670	.503	-.04
ICD02d	357	2.99	2.99	.05	.01	0.92	0.88	5,669	.923	-.01
ICD02e	357	2.96	2.93	.05	.01	0.86	0.89	5,655	.485	.04
ICD02f	357	3.03	3.06	.05	.01	0.87	0.85	5,671	.502	-.04
ICD02g	354	2.85	2.81	.05	.01	0.93	0.91	5,654	.521	.04
ICD03a	354	3.15	3.11	.04	.01	0.81	0.82	5,656	.284	.06
ICD03b	356	3.16	3.02	.05	.01	0.85	0.87	5,664	.004	.16
ICD03c	355	2.81	2.83	.05	.01	0.95	0.90	398	.681	-.02
ICD03d	355	2.70	2.69	.05	.01	0.93	0.95	5,662	.786	.01
ICD03e	356	2.93	2.86	.05	.01	0.89	0.90	5,665	.198	.07
ICD03f	356	3.12	2.98	.05	.01	0.89	0.89	5,660	.006	.15
ICD03g	356	2.95	2.89	.05	.01	0.93	0.92	5,664	.231	.07
ICD04a	356	3.66	3.60	.05	.01	1.02	1.03	5,644	.282	.06
ICD04b	355	3.67	3.61	.06	.01	1.04	1.02	5,629	.275	.06
ICD04c	355	3.66	3.63	.06	.01	1.04	1.01	5,625	.583	.03
ICD04d	352	3.56	3.52	.06	.01	1.04	1.03	5,623	.455	.04
ICD04e	354	3.57	3.53	.05	.01	1.03	1.01	5,619	.504	.04
ICD04f	355	3.69	3.66	.06	.01	1.04	1.03	5,611	.546	.03

See the endnotes on the last page of this report.

## Seniors

Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
		WMU	Carnegie-Aspirational	WMU	Carnegie-Aspirational	WMU	Carnegie-Aspirational			
ICD01a	766	2.70	2.64	.04	.01	0.98	0.98	10,069	.062	.07
ICD01b	764	2.82	2.51	.04	.01	0.99	1.03	905	.000	.30
ICD01c	765	2.88	2.67	.03	.01	0.94	0.97	904	.000	.22
ICD01d	763	2.53	2.37	.04	.01	1.05	1.05	10,058	.000	.16
ICD01e	763	2.60	2.40	.04	.01	1.00	1.05	906	.000	.20
ICD01f	761	2.58	2.29	.04	.01	1.06	1.08	10,045	.000	.27
ICD01g	762	2.83	2.65	.04	.01	1.01	1.03	896	.000	.17
ICD02a	765	3.08	2.94	.03	.01	0.87	0.91	10,041	.000	.15
ICD02b	763	2.84	2.77	.03	.01	0.89	0.93	902	.025	.08
ICD02c	765	2.94	2.83	.03	.01	0.92	0.92	896	.002	.12
ICD02d	762	2.98	2.83	.03	.01	0.91	0.95	902	.000	.16
ICD02e	762	2.84	2.81	.04	.01	0.97	0.94	10,035	.401	.03
ICD02f	762	2.93	2.92	.03	.01	0.94	0.93	10,008	.831	.01
ICD02g	759	2.63	2.58	.04	.01	0.98	0.98	10,014	.218	.05
ICD03a	764	3.06	2.95	.03	.01	0.85	0.89	907	.000	.13
ICD03b	765	3.02	2.82	.03	.01	0.88	0.95	917	.000	.22
ICD03c	766	2.70	2.63	.03	.01	0.95	0.97	10,004	.049	.07
ICD03d	762	2.56	2.50	.03	.01	0.94	0.98	902	.074	.07
ICD03e	765	2.75	2.65	.03	.01	0.93	0.96	904	.002	.11
ICD03f	765	2.99	2.80	.03	.01	0.92	0.95	905	.000	.21
ICD03g	763	2.95	2.78	.03	.01	0.91	0.97	910	.000	.18
ICD04a	764	3.52	3.43	.04	.01	1.09	1.11	9,970	.022	.09
ICD04b	763	3.51	3.41	.04	.01	1.07	1.09	9,946	.013	.09
ICD04c	761	3.53	3.44	.04	.01	1.08	1.09	9,918	.023	.09
ICD04d	759	3.44	3.36	.04	.01	1.06	1.09	9,923	.047	.07
ICD04e	756	3.46	3.39	.04	.01	1.05	1.08	9,914	.103	.06
ICD04f	764	3.58	3.48	.04	.01	1.04	1.10	912	.008	.09

## Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Items with categorical response sets are left blank.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook.
- d. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ .
- e. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Categorical items are not listed.
- 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  $N$ s due to weighting and whether equal variances were assumed.
- i. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the students in the comparison group is due to chance.
- j. Statistical comparison uses  $z$ -test to compare the proportion who responded (depending on the item) "Done or in progress" or "Yes" with all who responded otherwise.
- k. Mean represents the proportion who responded (depending on the item) "Done or in progress" or "Yes."

### Key to symbols:

- ▲ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.