

# NSSE 2024 Topical Module Report Experiences with Information Literacy

University of North Carolina at Charlotte

Updated for NSSE 2024, this module was developed in collaboration with college and university librarians from the Association of College & Research Libraries. Items focus on students' use of information sources, research-based inquiry, and experiences traditionally associated with research libraries. It complements questions on the core survey about reflective & integrative learning, higher-order learning, and assigned reading and writing.

Comparison group details are in the online Selected Comparison Groups report, linked in the Data & Reports table on the Institution Interface. A PDF copy is also saved in your report download folder.

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# Frequencies and Statistical Comparisons University of North Carolina at Charlotte

### **First-Year Students**

				Frequen	cy Di	istributio		Statistical Comparisons <sup>b</sup>			
				UNC Charlo	otte	Informatio Literacy		UNC Charlotte	Informa Litera		
	Variable									Effect	
Item wording or description	name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	size <sup>d</sup>	
1. During the current school ye	ear, about how o	ften hav	e you done the following?								
a. Completed an assignment	INLsource	1	Never	15	2	27	3				
using an information source (book, article, website, etc.)		2	Sometimes	166	27	276	26				
other than required course		3	Often	239	37	422	38	3.0	3.0	.00	
readings		4	Very often	227	34	416	34				
			Total	647	100	1,141	100				
b. Completed an assignment	INLcollection	1	Never	172	27	262	22				
using a library's physical or digital collection of articles,		2	Sometimes	229	36	396	35				
books, or journals (JSTOR,		3	Often	159	24	284	24	2.2	2.4 **	16	
EBSCO, LexisNexis,		4	Very often	88	13	203	18		$\nabla$		
ProQuest, InterLibrary			Total	648	100	1,145	100				
Loan, etc.)											
c. Received help from the	INLhelp	1	Never	357	56	591	53				
library (met with a librarian,	1	2	Sometimes	176	26	347	31				
used the library's chat		3	Often	82	13	127	10	1.7	1.7	06	
service, etc.)		4	Very often	33	5	80	7	1.7	1.7	00	
		•	Total	648	100	1,145	100				
d. Changed the focus of a	INLfocus	1	Never	129	21	208	18				
paper or project based on		2	Sometimes	279	43	513	48				
information you found while		3	Often	181	28	303	25	2.2	2.3	03	
researching the topic		4	Very often	57	8	119	9	<i>L</i> . <i>L</i>	2.3	03	
			Total	646	100	1,143	100				
e. Looked for an information	INLcited	1	Never	77	12	156	14				
source that was cited in		2	Sometimes	253	39	390	36				
something you read		3	Often	213	33	394	34	2.5	2.5	01	
		4	Very often	104	16	202	16		2.5	.01	
			Total	647	100	1,142	100				
f. Evaluated an information	INLevaladd	1	Never	58	9	114	10				
source by conducting		2	Sometimes	255	39	415	37				
additional research		3	Often	234	37	420	38	2.6	2.6	01	
		4	Very often	96	15	190	15		2.0	101	
			Total	643	100	1,139	100				
g. Identified information that	INLbiased	1	Never	90	15	149	14				
was biased, misleading, or		2	Sometimes	244	38	471	40				
deceptive		3	Often	218	33	360	33	2.5	2.5	.01	
		4	Very often	92	14	163	13				
			Total	644	100	1,143	100				
h. Decided not to use an	INLquesqual	1	Never	88	15	157	16				
information source in a		2	Sometimes	268	41	471	40				
course assignment due to its		3	Often	197	30	350	31	2.4	2.4	.03	
questionable quality		4	Very often	94	14	162	13				
			Total	647	100	1,140	100				
i. Referred to an information	INLsocmed	1	Never	346	55	563	50				
source you found on social		2	Sometimes	164	25	312	27				
media for an assignment		3	Often	93	14	186	16	1.7	1.8	07	
		4	Very often	40	6	80	6		~		
			Total	643	100	1,141	100				



# Frequencies and Statistical Comparisons University of North Carolina at Charlotte

### **First-Year Students**

					Frequen	cy Di	istributio	ns <sup>a</sup>	Statistical Comparisons <sup>b</sup>			
							Informatio	on		Inform		
					UNC Charlotte		Literacy		UNC Charlotte	Liter	racy	
		Variable									Effect	
Item wording or a	description	name	Values <sup>c</sup>		Count	%	Count	%	Mean	Mean	size <sup>d</sup>	
j. Consulted with	•	INLexpert	1	Never	350	55	531	48				
an information campus, in com			2	Sometimes	158	24	355	32				
campus, in com	linuinty)		3	Often	99	16	172	14	1.7	1.8	06	
			4	Very often	37	6	78	6				
				Total	644	100	1,136	100				
k. Coached or me		INLcoach	1	Never	356	55	569	54				
•	classmate or peer with		2	Sometimes	154	23	334	27				
research for the assignment	eir course		3	Often	97	16	179	15	1.7	1.7	.04	
assignment			4	Very often	39	6	61	4				
				Total	646	100	1,143	100				
2 Which of the f	following has	ve vou done while i	n colleg	e or do you plan to do befo	re vou gradu	ate? <sup>j</sup>						
a. Attend a campu		INLsession	in conce	Have not decided	239	38	367	33				
session about c	•	(Means indicate the		Do not plan to do	125	20	219	19				
research (instru		percentage who		Plan to do	153	23	306	25	15%	17%	06	
session with a l	· · · · ·	responded "Done or		Done or in progress	103	15	194	17	1370	1/70	00	
writing center f a research pape	•	in progress.")		To my knowledge is not	26	4	55	5				
department wor	-			available	20		55	5				
•	• • •			Total	646	100	1,141	100				
b. Present, publish	h, or publicly	INLshare		Have not decided	243	38	396	36				
share the result		(Means indicate the		Do not plan to do	209	32	302	28				
research, schola		percentage who		Plan to do	137	21	325	26	4%	5%	03	
or creative work audience beyon		responded "Done or		Done or in progress	28	4	66	5				
classmates (on-		in progress.")		To my knowledge is not	26	4	50	5				
campus academ	nic			available								
conference, exh	,			Total	643	100	1,139	100				
research journa magazine, profe												
etc.)	essional blog,											
c. Use library reso	ources for a	INLnonacad		Have not decided	182	29	312	29				
non-academic t		(Means indicate the		Do not plan to do	132	21	220	20				
reading, researc		percentage who		Plan to do	201	30	356	31	17%	18%	02	
watching films,	, etc.)	responded "Done or		Done or in progress	114	17	226	18	1770	1070	02	
		in progress.")		To my knowledge is not	15	2	220	2				
				available	15	2	20	2				
				Total	644	100	1,140	100				

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# **Frequencies and Statistical Comparisons University of North Carolina at Charlotte**

### **First-Year Students**

				Frequen	cy D	istributio	Statistical C	omparisons <sup>b</sup>		
						Informatio	on		Inforn	
				UNC Charlo	UNC Charlotte			UNC Charlotte	Lite	racy
Item wording or description	Variable name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
3. How much has your experie	nce at this instit	tution co	ntributed to your knowledg	e, skills, and j	persor	nal developm	ent in t	the following area	s?	
a. Understanding the research	INLdevstyle	0	Not at all	19	3	23	2			
and writing styles or		1	Very little	78	12	108	10			
practices of your major or field of study		2	Some	204	32	343	31	2.5	2.6	09
field of study		3	Quite a bit	237	37	471	42			
		4	Very much	106	16	194	15			
			Total	644	100	1,139	100			
a. Developming information and research management	INLdevstrat	0	Not at all	26	4	31	3			
		1	Very little	77	12	114	11			
strategies (note-taking, using citation software,		2	Some	197	32	332	31	2.5	2.6	07
document organization, etc.)		3	Quite a bit	221	34	441	37			
		4	Very much	122	18	219	18			
			Total	643	100	1,137	100			
a. Developing your own	INLdevpers	0	Not at all	34	5	57	5			
research skills to identify		1	Very little	94	15	151	13			
correct information for personal reasons (not related		2	Some	201	31	362	33	2.4	2.4	02
to your courses)		3	Quite a bit	230	36	387	33			
, ,		4	Very much	84	13	183	15			
			Total	643	100	1,140	100			
a. Keeping an open mind when	INLdevopen	0	Not at all	11	2	24	2			
encountering opposing		1	Very little	51	8	58	5			
perspectives during your research		2	Some	172	28	282	27	2.7	2.8 *	11
rescaluii		3	Quite a bit	248	38	454	38		$\nabla$	
		4	Very much	158	23	325	28			
			Total	640	100	1,143	100			



# Frequencies and Statistical Comparisons University of North Carolina at Charlotte

#### **Seniors**

UNCCharlow         Uteracy         UNCCharlow         Representation of the set of the following of the current set of the current set of the set of the following of the current set of the se					Frequen	cy Di	<b>stributio</b> Informatio		Statistical C	<b>isons<sup>b</sup></b> nation	
Intervention envelope					UNC Charlo	otte	Literacy		UNC Charlotte	Lite	racy
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Variable									
a. Completed an assignment         INLourse         1         Never         7         2         33         3         3.1         3.2         -03           0:dot, article, vebsite, etc.)         3         Oftaa         1158         39         429         33         63         1         429         33         63         1         429         33         63         1         429         420         100         121         400         100         121         400         100         121         400         100         121         400         100         121         400         100         100         100         100         100         100         100         100         100         100         100         100         100         110         100         110         100         110         100         110         100         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110         110	Item wording or description	name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	size <sup>a</sup>
$ \begin{array}{                                    $	1. During the current school ye	ear, about how o	ften hav	e you done the following?							
		INLsource	1	Never	7	2	33	3			
other than regulary course readings         3         Officity         158         39         4-57         39         4-17         30         3.1         3.2         -38           is completed an asignment in NL collection         1         Never         83         22         308         22           using in Divery Sphysical or ML collection         1         Never         83         22         308         22           using in Divery Sphysical or ML collection         1         Never         88         19         23         24         2.5        08           ESSCO, LexiNexis, A         Very often         88         19         23         23         7         7         100         1.254         100         1.254         100           Lean, etc.)         -4         Very often         231         56         748         56         116         1.7        06           service, etc.)         -4         Very often         24         6         83         7        02         1.6         1.7        06           imformation your cost whita librarian, intervines         30         Often         116         11         124         100         1.258         109         2.3	e				90	21	248	22			
$ \frac{1}{10} - \frac{1}{10} + \frac{1}{10}$			3		158	39	429	33	3.1	3.2	03
b.         Completed an assignment         INLcollection         1         Never         83         22         308         22           sing a blory physical or digital collection of articles, books, or journal (STOR, Loan, etc.)         3         0ften         106         2.4         319         25           occurs of the different	readings		4	Very often	165	38	541	42			
using a blory's physical or digital collector articles, books, or journals (JSTOR, EJSCO, LevisNesis, ProQuest, InterLibrary Loan, etc.)         2.5 soncetimes         140         35         3.49         3.0         2.4         2.5         .08           c. Received hap from the library (ract with a librarian, used the library schear service, etc.)         INLelej         I         Never         121         36         748         56           d. Charged the from the library (ract with a librarian, used the library schear service, etc.)         INLelej         I         Never         30         0 fbm         322         7         137         11         1.6         1.7         -06           d. Charged the frous of a paper or project based on information you boad while         INLfocus         1         Never         90         23         258         19           0.10         1.16         1.17         -06         59         44         102         100         1.249         100           1.17         -01         1.17         -01         1.17         -02         2.3         -02           e.         Looked for an information information you boad while source that was taide an information source that was taide an information additional research         1         Never         44         10         141         10							1,251				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		INLcollection	1	Never	83	22	308	22			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			2	Sometimes	140	35	349	30			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			3	Often	106	24	319	25	2.4	2.5	08
$ \begin{array}{ c c c c c c } \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$			4	Very often	88	19	278	23			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Total	417	100	1,254	100			
$ \begin{array}{ c c c c c c } \hline likeway (met with a lihrarian, used the liheway's chat as ervice, etc.) & 2 & Sometimes & 132 & 31 & 282 & 26 \\ \hline 4 & Very often & 23 & 7 & 137 & 111 \\ \hline 4 & Very often & 24 & 6 & 83 & 7 \\ \hline Teal & 419 & 100 & 1.250 & 100 \\ \hline 4 & Very often & 2 & Sometimes & 164 & 40 & 559 & 44 \\ \hline 16 & 100 & 1.269 & 100 & 1.269 & 100 \\ \hline 1 & 100 & 1.269 & 100 & 1.269 & 100 \\ \hline 1 & Very often & 2 & Sometimes & 164 & 40 & 559 & 44 \\ \hline 1 & 124 & 100 & 1.249 & 100 \\ \hline 1 & Very often & 165 & 14 & 157 & 13 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 100 & 1.249 & 100 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 44 & 10 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 41 & 113 & 134 \\ \hline 1 & Never & 58 & 14 & 158 & 13 \\ \hline 1 & Very often & 160 & 1.249 & 100 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 41 & 138 & 13 \\ \hline 1 & Very often & 188 & 45 & 4494 & 41 \\ \hline 1 & Very often & 188 & 45 & 4494 & 41 \\ \hline 1 & Very often & 188 & 45 & 4494 & 41 \\ \hline 1 & Very often & 188 & 13 & 188 & 45 \\ \hline 1 & Very often & 100 & 1.246 & 100 \\ \hline 1 & Never & 2 & Sometimes & 118 & 26 & 333 & 25 \\ \hline 1 & Very often & 100 & 1.246 & 100 \\ \hline 1 & Retrevel to an information source in a course assignment due to its a course assignment due to its a course assignment due to its a course were you found on social media for an assignment in the NULseesed & 1 & Never & 231 & 57 \\ \hline 1 & Never & 100 & 1.246 & 100 \\ \hline 1 & Retrevel to an information source in a course assignment due to its a course assignment due to its a c$	Loan, etc.)										
$ \begin{array}{ c c c c c c } \hline likeway (met with a lihrarian, used the liheway's chat as ervice, etc.) & 2 & Sometimes & 132 & 31 & 282 & 26 \\ \hline 4 & Very often & 23 & 7 & 137 & 111 \\ \hline 4 & Very often & 24 & 6 & 83 & 7 \\ \hline Teal & 419 & 100 & 1.250 & 100 \\ \hline 4 & Very often & 2 & Sometimes & 164 & 40 & 559 & 44 \\ \hline 16 & 100 & 1.269 & 100 & 1.269 & 100 \\ \hline 1 & 100 & 1.269 & 100 & 1.269 & 100 \\ \hline 1 & Very often & 2 & Sometimes & 164 & 40 & 559 & 44 \\ \hline 1 & 124 & 100 & 1.249 & 100 \\ \hline 1 & Very often & 165 & 14 & 157 & 13 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 406 & 52 \\ \hline 1 & Very often & 155 & 34 & 100 & 1.249 & 100 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 44 & 10 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 41 & 113 & 134 \\ \hline 1 & Never & 58 & 14 & 158 & 13 \\ \hline 1 & Very often & 160 & 1.249 & 100 \\ \hline 1 & Very often & 170 & 40 & 455 & 37 \\ \hline 1 & Very often & 170 & 41 & 138 & 13 \\ \hline 1 & Very often & 188 & 45 & 4494 & 41 \\ \hline 1 & Very often & 188 & 45 & 4494 & 41 \\ \hline 1 & Very often & 188 & 45 & 4494 & 41 \\ \hline 1 & Very often & 188 & 13 & 188 & 45 \\ \hline 1 & Very often & 100 & 1.246 & 100 \\ \hline 1 & Never & 2 & Sometimes & 118 & 26 & 333 & 25 \\ \hline 1 & Very often & 100 & 1.246 & 100 \\ \hline 1 & Retrevel to an information source in a course assignment due to its a course assignment due to its a course assignment due to its a course were you found on social media for an assignment in the NULseesed & 1 & Never & 231 & 57 \\ \hline 1 & Never & 100 & 1.246 & 100 \\ \hline 1 & Retrevel to an information source in a course assignment due to its a course assignment due to its a c$	c. Received help from the	INLhelp	1	Never	231	56	748	56			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			2	Sometimes	132	31	282	26			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	•		3	Often	32	7	137	11	1.6	17	- 06
d. Changed the focus of a paper or project based on information you found while information you found while information that was biased matrix in Neural 2 Sometimes information information information information information that in Never in a consenting was biased, mislading, or deceptive in a modulation in the information source in a consenting information source in a consenting information source in a consenting information in the information information in the information information information in the information i	service, etc.)		4	Very often	24	6	83	7		1.7	.00
d. Changed the focus of a paper or project based on information you found while researching the topic $2$ Sometimes $164$ 40 559 44 559 44 559 44 406 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 44 559 450 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 110 124 100 124 100 124 110 124 100 124 110 124 100 124 110 124 100 124 110 124 100 124 110 124 100 124 110 124 100 124 110 124 100 124 110 124 100 124 110 124 110 126 128 123 127 130 12. Sometimes 189 45 494 41 128 131 44 533 45 128 129 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 124 100 1				5							
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	d. Changed the focus of a	INLfocus	1	Never	90	23					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			2	Sometimes	164	40	559	44			
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	-								23	23	02
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	researching the topic								2.0	2.5	02
e. Looked for an information source that was cited in source by conducting additional research addit				•				100			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	e. Looked for an information	INLcited	1	Never	55	14		13			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	source that was cited in		2	Sometimes	135	34	406	32			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	something you read		3	Often	155	36	422	33	2.6	27	- 10
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			4	Very often	73	17	264	22			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Total	418	100	1,249	100			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f. Evaluated an information	INLevaladd	1	Never	44	10	141	11			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	, .		2	Sometimes	137	34	389	30			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	additional research		3	Often	170	40	455	37	2.6	2.7	11
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			4	Very often	64	15	264	22			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				Total	415	100	1,249	100			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	g. Identified information that	INLbiased	1	Never	58	14	183	13			
A       Offen       118       28       3/1       30       2.4       2.5      11         4       Very often       50       13       198       16       100       1,246       100       100       100       1.246       100       100       1.246       100       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       100       1.246       1.27       1.6       1.7      06       1.7      06       <	-		2	Sometimes	189	45	494	41			
4       Very often       50       13       198       16         Total       415       100       1,246       100         h.       Decided not to use an information source in a course assignment due to its questionable quality       1       Never       69       16       168       15         4       Very often       2       Sometimes       181       44       533       45         2       Sometimes       181       44       533       45       4      04         4       Very often       57       14       206       16       16       16         i.       Referred to an information social media for an assignment       INLsocmed       1       Never       231       57       664       55         3       Often       114       28       321       27       1.6       1.7      06         4       Very often       25       6       90       7       1.6       1.7      06	deceptive		3	Often	118	28	371	30	2.4	2.5	11
h. Decided not to use an information source in a course assignment due to its questionable quality  i. Referred to an information source you found on social media for an assignment  i. Referred to an information i. NLsocmed i. NLsocmed i. Nulsocmed i. Nulsocmed			4	Very often	50	13	198	16			
$ \begin{array}{c} \mbox{information source in a course assignment due to its questionable quality} \\ \mbox{i. Referred to an information social media for an assignment } & 1 & Never \\ & & & & & & & & & & & & & & & & & & $				Total	415	100	1,246	100			
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} 1 \\ course assignment due to its \\ questionable quality \end{array} & \begin{array}{c} 2 \\ \end{array} & \begin{array}{c} 0 \\ density \end{array} & \begin{array}{c} 0 \\ dens & \begin{array}{c} 0 \\ dens \\ dens \\ & \begin{array}{c} 0 \\ dens \end{array} & \begin{array}{c} 0 \\ dens \\ dens \\ & \begin{array}{c} 0 \\ dens \end{array} & \begin{array}{c} 0 \\ dens \\ dens \\ & \begin{array}{c} 0 \\ dens \end{array} & \begin{array}{c} 0 \\ dens \\ & \begin{array}{c} 0 \\ dens \end{array} & \begin{array}{c} 0 \\ dens \\ & \begin{array}{c} 0 \\ dens \end{array} & \begin{array}{c} 0 \\ dens \end{array} & \begin{array}{c} 0 \\ dens \\ & \begin{array}{c} 0 \\ dens \end{array} & $	h. Decided not to use an	INLquesqual	1	Never	69	16	168	15			
questionable quality       3       Often       110       26       339       25       2.4       2.4      04         4       Very often       57       14       206       16      04         i. Referred to an information source you found on social media for an assignment       INLsocmed       1       Never       231       57       664       55         2       Sometimes       114       28       321       27       1.6       1.7      06			2	Sometimes	181	44	533	45			
4     Very often     57     14     206     16       Total     100     1,246     100       i. Referred to an information social media for an assignment     INLsocmed     1     Never     231     57     664     55       3     Often     44     9     170     12     1.6     1.7    06	5		3	Often	110	26	339	25	2.4	2.4	04
i. Referred to an information INLsocmed 1 Never 231 57 664 55 source you found on social 2 Sometimes 114 28 321 27 media for an assignment 3 Often 44 9 170 12 4 Very often 25 6 90 7	questionable quality		4	Very often	57	14	206	16			
source you found on social 2 Sometimes 114 28 321 27 media for an assignment 2 Sometimes 114 28 321 27 3 Often 44 9 170 12 4 Very often 25 6 90 7				Total	417	100	1,246	100			
media for an assignment     2     50metrics     114     20     521     27       3     Often     44     9     170     12     1.6     1.7    06       4     Very often     25     6     90     7     1	i. Referred to an information	INLsocmed	1	Never	231	57	664	55			
3     Often     44     9     1/0     12     1.6     1.7    06       4     Very often     25     6     90     7	-		2	Sometimes	114	28	321	27			
4 Very often 25 6 90 7	media for an assignment		3	Often	44	9	170	12	1.6	1.7	06
Total 414 100 1,245 100			4	Very often	25	6	90	7		-	-
				Total	414	100	1,245	100			



# **Frequencies and Statistical Comparisons University of North Carolina at Charlotte**

#### **Seniors**

					Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>			
							Informatio	on		Inform		
					UNC Charle	otte	Literacy		UNC Charlotte	Liter	racy	
		Variable									Effect	
Item wording o	-	name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	size <sup>d</sup>	
j. Consulted w	1	INLexpert	1	Never	199	48	532	46				
an informatio	on source (on		2	Sometimes	133	32	416	33				
campus, in c	ominanity)		3	Often	57	14	199	15	1.8	1.8	04	
			4	Very often	26	7	101	7				
				Total	415	100	1,248	100				
k. Coached or 1		INLcoach	1	Never	202	49	582	52				
classmate or	•		2	Sometimes	134	32	366	28				
research for their course assignment		3	Often	57	13	202	14	1.8	1.8	.01		
assignment			4	Very often	24	6	98	7				
				Total	417	100	1,248	100				
2. Which of the	e following hav	ve you done while i	n colleg	e or do you plan to do befo	ore you gradu	ate? <sup>j</sup>						
	<ul> <li>Attend a campus-sponsored session about conducting research (instructional session with a librarian, writing center for help with</li> </ul>	INLsession		Have not decided	74	17	239	19				
		(Means indicate the		Do not plan to do	185	45	505	41				
		percentage who		Plan to do	42	10	119	9	19%	22%	08	
		responded "Done or in progress.")		Done or in progress	85	19	285	22				
a research pa	aper, a library or vorkshop, etc.)	in progress. )		To my knowledge is not available	30	8	100	9				
1	1, ,			Total	416	100	1,248	100				
b. Present, pub	lish, or publicly	INLshare		Have not decided	69	17	217	17				
share the res	•	(Means indicate the		Do not plan to do	204	49	529	43				
research, sch or creative w	olarly activity,	percentage who		Plan to do	52	12	184	13	14%	19%	14	
audience bey		responded "Done or		Done or in progress	61	14	252	19		$\nabla$		
classmates ( campus acad	on- or off-	in progress.")		To my knowledge is not available	30	7	64	6				
conference, or research jour	exhibition,			Total	416	100	1,246	100				
5	ofessional blog,											
c. Use library r	esources for a	INLnonacad		Have not decided	74	17	226	17				
-	c task (leisure	(Means indicate the		Do not plan to do	170	42	523	40				
0.	arching jobs,	percentage who		Plan to do	49	12	152	12	26%	27%	01	
watching film	ns, etc.)	responded "Done or		Done or in progress	111	26	299	27	2070	2770	01	
		in progress.")		To my knowledge is not available	111	3	47	4				
				Total	416	100	1,247	100				



### Frequencies and Statistical Comparisons University of North Carolina at Charlotte

#### **Seniors**

				Frequen	cy D	istributio	Statistical Comparisons <sup>b</sup>			
						Informatio	on		Inform	
				UNC Charlotte		Literacy		UNC Charlotte	Liter	асу
Item wording or description	Variable name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
3. How much has your experie	ence at this instit	tution co	ntributed to your knowledg	e. skills. and i	oersor	nal developm	nent in t	the following area	s?	
a. Understanding the research	INLdevstyle	0	Not at all	7	2	21	3			
and writing styles or	-	1	Very little	28	7	69	6			
practices of your major or		2	Some	99	25	261	22	2.8	2.9	08
field of study		3	Quite a bit	168	40	521	40			
		4	Very much	115	26	376	30			
			Total	417	100	1,248	100			
a. Developming information and research management	INLdevstrat	0	Not at all	10	3	26	3			
		1	Very little	37	10	93	8			
strategies (note-taking, using citation software,		2	Some	105	25	306	25	2.7	2.8	05
document organization, etc.)		3	Quite a bit	159	38	481	38			
,,,		4	Very much	103	24	339	26			
			Total	414	100	1,245	100			
a. Developing your own	INLdevpers	0	Not at all	15	4	55	5			
research skills to identify		1	Very little	47	11	120	10			
correct information for personal reasons (not related		2	Some	120	31	346	29	2.6	2.6	04
to your courses)		3	Quite a bit	148	34	416	32			
. ,		4	Very much	86	20	307	24			
			Total	416	100	1,244	100			
a. Keeping an open mind when	INLdevopen	0	Not at all	6	2	30	3			
encountering opposing		1	Very little	23	5	61	5			
perspectives during your research		2	Some	84	21	294	25	3.0	2.9 *	.11
researen		3	Quite a bit	157	38	464	35		Δ	
		4	Very much	146	34	398	31			
			Total	416	100	1,247	100			

**I**--



# Detailed Statistics<sup>e</sup> University of North Carolina at Charlotte

### **First-Year Students**

	N	Mean		Standar	d error <sup>f</sup>	Stan devia		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
Variable name	UNC Charlotte	UNC Charlotte	Information Literacy	UNC Charlotte	Information Literacy	UNC Charlotte	Information Literacy		arisons with: ation Literac	
INLsource	649	3.02	3.03	.033	.029	.84	.84	1,454	.939	.00
INLcollection	649	2.22	2.38	.039	.036	.98	1.02	1,408	.002	16
INLhelp	649	1.66	1.71	.034	.032	.87	.91	1,458	.250	06
INLfocus	647	2.24	2.26	.034	.030	.87	.86	1,453	.607	03
INLcited	650	2.53	2.54	.035	.032	.90	.92	1,457	.866	01
INLevaladd	643	2.56	2.57	.034	.031	.85	.87	1,449	.779	01
INLbiased	645	2.47	2.46	.036	.031	.91	.88	1,451	.805	.01
INLquesqual	649	2.44	2.41	.035	.032	.90	.91	1,454	.515	.03
INLsocmed	645	1.71	1.78	.036	.033	.92	.93	1,452	.172	07
INLexpert	646	1.72	1.78	.036	.031	.92	.89	1,451	.229	06
INLcoach	648	1.72	1.69	.037	.031	.93	.88	1,454	.487	.04
INLsession <sup>k</sup>	648	15%	17%	.014	.013				.279	06
INLshare <sup>k</sup>	645	4%	5%	.008	.007				.588	03
INLnonacad <sup>k</sup>	646	17%	18%	.015	.013				.658	02
INLdevstyle	645	2.49	2.58	.040	.033	1.00	.94	1,338	.077	09
INLdevstrat	645	2.49	2.56	.041	.035	1.05	1.01	1,449	.213	07
INLdevpers	644	2.36	2.39	.041	.037	1.05	1.06	1,448	.637	02
INLdevopen	641	2.73	2.84	.038	.034	.97	.97	1,447	.038	11



# Detailed Statistics<sup>e</sup> University of North Carolina at Charlotte

#### **Seniors**

	N	Mean		Standar	d error <sup>f</sup>	Stan devia		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
Variable name	UNC Charlotte	UNC Charlotte	Information Literacy	UNC Charlotte	Information Literacy	UNC Charlotte	Information Literacy		arisons with: ation Literac	
INLsource	415	3.13	3.16	.039	.026	.80	.85	795	.608	03
INLcollection	411	2.40	2.48	.051	.033	1.04	1.08	1,477	.193	08
INLhelp	413	1.62	1.68	.042	.028	.85	.91	806	.247	06
INLfocus	409	2.26	2.28	.046	.027	.93	.88	1,469	.706	02
INLcited	412	2.56	2.65	.046	.029	.93	.96	1,475	.090	10
INLevaladd	409	2.59	2.69	.043	.029	.87	.94	797	.057	11
INLbiased	409	2.39	2.50	.044	.028	.88	.91	1,466	.054	11
INLquesqual	411	2.38	2.42	.046	.028	.92	.92	1,468	.499	04
INLsocmed	408	1.65	1.70	.044	.028	.89	.92	1,463	.300	06
INLexpert	409	1.80	1.83	.046	.028	.92	.93	1,469	.537	04
INLcoach	411	1.76	1.76	.044	.029	.89	.93	1,471	.922	.01
INLsession <sup>k</sup>	410	19%	22%	.019	.013				.148	08
INLshare <sup>k</sup>	411	14%	19%	.017	.012				.012	14
INLnonacad <sup>k</sup>	410	26%	27%	.022	.014				.815	01
INLdevstyle	411	2.81	2.89	.047	.030	.96	.98	1,470	.153	08
INLdevstrat	408	2.71	2.76	.051	.031	1.02	1.01	1,463	.368	05
INLdevpers	410	2.55	2.60	.052	.034	1.05	1.11	1,462	.474	04
INLdevopen	411	2.97	2.85	.048	.032	.97	1.03	789	.045	.11



#### Endnotes

University of North Carolina at Charlotte

#### **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. Comparison group details are in the Selected Comparison Groups report, linked in the Data & Reports table on the Institution Interface.
- 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 Ns 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.
- $\triangle$  Your students' average was significantly higher (p < .05) with an effect size less than .3 in magnitude.
- $\nabla$  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. You may not see all of these symbols in your report.