

# NSSE 2017 Topical Module Report Experiences with Writing

University of Toledo

IPEDS: 206084

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#### Administration Summary University of Toledo

#### **About This Topical Module**

This module is the result of an ongoing collaboration between NSSE and the Council of Writing Program Administrators. The questions touch on three aspects of good writing assignments—interactivity, meaning-making, and clarity. It complements questions on the core survey about how much writing students do, the nature of their course assignments, and perceived gains in written expression. 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 'UT peer Writing' column of this report.

Group label	UT peer Writing
Date submitted	5/19/17
How was this comparison group constructed?	Your institution customized this comparison group by selecting institutions from all module participants.
Group description	No description provided

#### UT peer Writing (N=6)

Central Michigan University (Mount Pleasant, MI) Mississippi State University (Mississippi State, MS)\* Old Dominion University (Norfolk, VA) University of Colorado Denver (Denver, CO)\* University of Missouri-Kansas City (Kansas City, MO)\* University of South Alabama (Mobile, AL)\*



### **Frequencies and Statistical Comparisons University of Toledo**

#### **First-Year Students**

				Frequency Distributions <sup>a</sup>			Statistical	isons		
				UT	UT		iting	UT	UT peer Writing	
Item wording or description	Variable name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
. During the current school year, f	or how many	ı writina a	ussignments have you do	ne the follow	ing?					
a. Talked with a classmate, friend, or	WRI01a	1	No writing assignments	46	9	181	11			
family member to develop your		2	Few writing assignments	143	26	415	24			
ideas before starting your		3	Some writing assignments	209	36	605	35	2.9	2.9	.00
assignment		4	Most writing assignments	128	22	428	23			
		5	All writing assignments	38	7	124	7			
			Total	564	100	1,753	100			
b. Received feedback from a	WRI01b	1	No writing assignments	44	8	162	10			
classmate, friend, or family		2	Few writing assignments	107	20	331	20			
member about a draft before turning in your final assignment		3	Some writing assignments	187	33	518	30	3.1	3.1	.00
turning in your mai assignment		4	Most writing assignments	170	29	539	30			
		5	All writing assignments	54	9	197	11			
			Total	562	100	1,747	100			
c. Given feedback to a classmate	WRI01c	1	No writing assignments	57	11	169	10			
about a draft or outline		2	Few writing assignments	112	19	345	20			
		3	Some writing assignments	204	36	603	35	3.0	3.0	03
		4	Most writing assignments	149	26	477	26			
		5	All writing assignments	42	7	157	9			
			Total	564	100	1,751	100			
d. Summarized material you read such	WRI01d	1	No writing assignments	29	5	75	5			
as articles, books, or online		2	Few writing assignments	104	20	285	17			
publications		3	Some writing assignments	213	37	620	36	3.2	3.3	08
		4	Most writing assignments	167	30	606	35			
		5	All writing assignments	50	9	163	9			
			Total	563	100	1,749	100			
e. Analyzed or evaluated something	WRI01e	1	No writing assignments	17	3	57	3			
you read, researched, or observed		2	Few writing assignments	71	13	177	10			
		3	Some writing assignments	184	32	535	31	3.5	3.5	07
		4	Most writing assignments	213	38	725	41			
		5	All writing assignments	79	14	258	14			
			Total	564	100	1,752	100			
f. Described your methods or	WRI01f	1	No writing assignments	74	13	319	18			
findings related to data you		2	Few writing assignments	116	21	401	23			
collected in lab or field work, a survey project, etc.		3	Some writing assignments	191	35	542	31	2.9	2.7 **	.16
survey project, etc.		4	Most writing assignments	141	25	373	22			
		5	All writing assignments	41	7	112	6			
			Total	563	100	1,747	100			
g. Argued a position using evidence	WRI01g	1	No writing assignments	47	9	143	8			
and reasoning		2	Few writing assignments	84	15	262	15			
		3	Some writing assignments	195	35	549	32	3.2	3.2	03
		4	Most writing assignments	185	32	611	34			
		5	All writing assignments	52	10	181	10			
			Total	563	100	1,746	100			

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



### Frequencies and Statistical Comparisons University of Toledo

#### **First-Year Students**

Item wording or description         Non-         Volues <sup>1</sup> Response options         Count         %         Mont         Main         Mai					Frequency Distributions <sup>a</sup>				Statistical Comparisons			
$ \begin{array}{ c c c c c c } \hline ten wording or description & name & Values' & Response options & Court & N & Court & N & Mean \\ \hline ten wording or description & name & Values' & Response options & Court & N & Court & N & Mean \\ \hline ten numerical or statistical data & 2 & Few writing assignments & 117 & 20 & 489 & 28 \\ \hline numerical or statistical data & 2 & Few writing assignments & 162 & 28 & 462 & 28 \\ \hline A & Most writing assignments & 162 & 28 & 462 & 28 \\ \hline A & Most writing assignments & 162 & 22 & 264 & 15 \\ \hline A & Most writing assignments & 162 & 100 & 1.734 & 100 \\ \hline A & Writen in the style and format of a specific field (engineering, history, psychology, etc.) & 3 & Some writing assignments & 118 & 22 & 354 & 20 \\ \hline A & Most writing assignments & 145 & 27 & 361 & 21 \\ \hline A & Most writing assignments & 146 & 8 & 161 & 9 \\ \hline Total & 564 & 100 & 1.739 & 100 \\ \hline A & Most writing assignments & 146 & 8 & 161 & 9 \\ \hline Total & 564 & 100 & 1.739 & 100 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 11 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 11 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 11 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 11 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 11 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 21 & 376 & 22 \\ \hline A & Most writing assignments & 119 & 25 & 341 & 20 \\ \hline A & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline A & Most writing assignments & 139 & 25 & 470 & 27 \\$					UT		UT peer Wr	iting	UT	UT peer V	Writing	
numerical or statistical data       2       Few writing assignments       129       23       443       25         3       Some writing assignments       162       28       462       28       462       28         4       Most writing assignments       121       22       264       15       6       100       1,734       100         5       All writing assignments       89       15       392       22       354       20         specific field (engineering, history, psychology, etc.)       3       Some writing assignments       118       22       354       20         5       All writing assignments       145       27       361       21       2,9       2,7 *         4       Most writing assignments       166       29       471       28       16       9       7         5       All writing assignments       145       27       361       21       376       22       2       400       7       144       8       16       9       17       3       5       11       100       1,742       100       1,742       100       1,742       100       1,742       100       1,742       100       1,742       100	Item wording or description		Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		WRI01h	1	No writing assignments	117	20	489	28				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	numerical or statistical data		2	Few writing assignments	129	23	443	25				
$\begin{array}{ c c c c c } \hline S & All writing assignments \\ \hline Total & 562 & 100 & 1.734 & 100 \\ \hline Total & 562 & 100 & 1.734 & 100 \\ \hline Total & 562 & 100 & 1.734 & 100 \\ \hline Total & Sofe & 118 & 522 & 22 \\ \hline S & Specific field (engineering, history, psychology, etc.) & 3 & Some writing assignments & 118 & 22 & 354 & 20 \\ \hline S & All writing assignments & 116 & 29 & 471 & 28 \\ \hline S & All writing assignments & 145 & 27 & 361 & 21 \\ \hline S & All writing assignments & 145 & 27 & 361 & 21 \\ \hline S & All writing assignments & 146 & 8 & 161 & 9 \\ \hline Total & 564 & 100 & 1.739 & 100 \\ \hline \\ j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc. & 2 & Some writing assignments & 118 & 33 & 516 & 30 \\ a describing the current school year, for how many of your writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ S & All writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ a & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ A & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ S & All writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ A & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ A & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ A & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ A & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline \\ A & Most writing assignments & 140 & 7 & 144 & 8 \\ \hline \\ A & Most writing assignments & 140 & 25 & 341 & 20 \\ \hline \\ A & Most writing assignments & 140 & 25 & 341 & 20 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & 139 & 25 & 470 & 27 \\ \hline \\ A & Most writing assignments & $			3	Some writing assignments	162	28	462	28	2.7	2.4 ***	.22	
Image: constraint of a straint straint of a straint of a straint of a straint of a str			4	Most writing assignments	121	22	264	15				
i. Written in the style and format of a wR101i 1 No writing assignments 118 22 354 20 specific field (engineering, history, psychology, etc.) 3 Some writing assignments 118 22 354 20 3 Some writing assignments 116 29 471 28 4 Most writing assignments 145 27 361 21 5 All writing assignments 46 8 161 9 Total 564 100 1,739 100 j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc. 3 Some writing assignments 119 21 376 22 5 All writing assignments 119 21 376 22 5 All writing assignments 119 21 376 22 5 All writing assignments 124 23 407 23 5 All writing assignments 124 23 407 23 5 All writing assignments 124 23 407 23 5 All writing assignments 124 23 407 7 144 8 Total 559 100 1,742 100 2. During the current school year, for how many of your writing assignments 38 7 117 7 do NWR102a 1 No writing assignments 38 7 117 7 3 Some writing assignments 140 25 341 20 4 Most writing assignments 140 25 341 20 5 All writing assignments 140 25 341 20 4 Most writing assignments 140 25 341 20 5 All writing assignments 140 25 341 20 4 Most writing assignments 140 25 341 20 5 All writing assignments 140 25 341 20 7 Total 563 100 1,743 100 b. Explained in advance what they WR102b 1 No writing assignments 22 4 73 4 7 Total 563 100 1,743 100 7 Total 563 100			5	All writing assignments	33	6	76	4				
specific field (ergineering, history, psychology, etc.) 2 Few writing assignments 3 Some writing assignments 4 Most writing assignments 4 Most writing assignments 5 All writing assignments 46 8 5 All writing assignments 46 8 5 All writing assignments 46 8 5 All writing assignments 92 16 29 17 1 No writing assignments 92 16 29 17 3 Some writing assignments 119 21 3 Some writing assignments 92 16 29 17 3 Some writing assignments 119 21 3 Some writing assignments 124 23 40 7 144 8 1 4 3 3 Some writing assignments 14 3 Some w				Total	562	100	1,734	100				
psychology, etc.) 3 Some writing assignments 4 Most writing assignments 5 All writing assignments 5 All writing assignments 4 Most writing assignments 5 All writing assignments 5 All writing assignments 4 Most writing assignments 5 All writing assignments 4 Most writing assignments 5 All writing assignments 4 Most writing assignments 4 Most writing assignments 5 All writing assignments 4 Most writing assignments 5 All writing assignments 5 All writing assignments 4 Most writing assignments 5 All writing assignments 4 Most writing assignments 5 All	-	WRI01i	1	No writing assignments	89	15	392	22				
1       3       Some Writing assignments       106       29       4/1       28       2.7         4       Most writing assignments       145       27       361       21       361       21         5       All writing assignments       46       8       161       9       7       7       7       7         1       No writing assignments       145       27       361       21       9       17       9       100         1       No writing assignments       19       21       376       22       7       8       19       21       376       22       7       8       119       21       376       22       2.8			2	Few writing assignments	118	22	354	20				
5       All writing assignments       46       8       161       9         j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc.       WR101j       1       No writing assignments       119       21       376       22         3       Some writing assignments       119       21       376       22       4       33       516       30       2.8       2.8         4       Most writing assignments       124       23       407       23       407       23       5       All writing assignments       40       7       144       8       7       7       144       8       3	psychology, etc.)		3	Some writing assignments	166	29	471	28	2.9	2.7 *	.13	
$\begin{tabular}{ c c c c c } \hline Total & 564 & 100 & 1,739 & 100 \\ \hline Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc. & 3 & Some writing assignments & 119 & 21 & 376 & 22 \\ \hline Begin{tabular}{ c c c c c } \hline Semicondown & Some writing assignments & 119 & 21 & 376 & 22 \\ \hline Begin{tabular}{ c c c c c c } \hline Semicondown & Some writing assignments & 1184 & 33 & 516 & 30 \\ \hline A & Most writing assignments & 124 & 23 & 407 & 23 \\ \hline S & All writing assignments & 40 & 7 & 144 & 8 \\ \hline Total & 559 & 100 & 1,742 & 100 \\ \hline \hline Semicondown & Some writing assignments & Semicondown & Semic$			4	Most writing assignments	145	27	361	21				
j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc.WRI01j1No writing assignments9216299173Some writing assignments1192137622224Most writing assignments1242340723235All writing assignments1242340723235All writing assignments4071448Total5591001,74210072. During the current school year, for how many of your writing assignments81433describing what they wanted you to do2Few writing assignments38711774Most writing assignments14025341203.83.94Most writing assignments13925470273.9a. Provided clear instructions doWRI02b1No writing assignments13925341204Most writing assignments139254702773.94Most writing assignments13925470273.95All writing assignments13925470273.96120212101.743100			5	All writing assignments	46	8	161	9				
audience such as your classmates, a politician, non-experts, etc. 3 Some writing assignments 4 Most writing assignments 5 All writing assignments 124 23 4 Most writing assignments 124 23 407 23 5 All writing assignments 124 23 4 No writing assignments 124 23 4 Most writing assignments 124 25 341 20 3.8 3.9 3.8 3.9 3.9 3.8 3.9 3.9 3.8 3.9 3.8 3.9 3.8 3.9 3.9 3.9 3.8 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9				Total	564	100	1,739	100				
a politician, non-experts, etc. a politician, non-experts, etc. 3 Some writing assignments 4 Most writing assignments 5 All writing assignments 124 23 407 23 5 All writing assignments 124 23 407 23 5 All writing assignments 40 7 144 8 Total 559 100 1,742 100 2. During the current school year, for how many of your writing assignments have your instructors done the following? a. Provided clear instructions WRI02a 1 No writing assignments 8 1 43 3 6 117 7 a. Provided clear instructions WRI02a 1 No writing assignments 140 25 341 20 3.8 3.9 4 Most writing assignments 139 25 470 27 Total 5 All writing assignments 139 25 470 27 Total 5 All writing assignments 2 Few writing assignments 3 Some writing assi	j. Addressed a real or imagined	WRI01j	1	No writing assignments	92	16	299	17				
AASome writing assignments18433516302.82.84Most writing assignments12423407234072340723407234072340723407234072340723407235All writing assignments40714487144871001742100404071448407144433344071444334433440714443344071444453.9<			2	Few writing assignments	119	21	376	22				
5All writing assignments4071448Total5591001,7421002. During the current school year, for how many of your writing assignments81433a. Provided clear instructions describing what they wanted you to doWRI02a1No writing assignments814332Few writing assignments38711177<	a politician, non-experts, etc.		3	Some writing assignments	184	33	516	30	2.8	2.8	.01	
Total5591001,742100Total5591001,742100a. Provided clear instructions describing what they wanted you to doWRI02a1No writing assignments814332Few writing assignments3871117773Some writing assignments14025341203.83.94Most writing assignments13925470275All writing assignments1392547027Total5631001.743100b. Explained in advance what theyWRI02b1No writing assignments2247342Few writing assignments22473443Some writing assignments2247344No writing assignments2247345All writing assignments2247344No writing assignments2247345Few writing assignments22473461120212121212			4	Most writing assignments	124	23	407	23				
Solution       WRI02a       No writing assignments			5	All writing assignments	40	7	144	8				
a. Provided clear instructions describing what they wanted you to doWRI02a1No writing assignments814332Few writing assignments 338711773Some writing assignments14025341204Most writing assignments23842772445All writing assignments1392547027Total5631001,743100b. Explained in advance what they wanted you to learmWRI02b1No writing assignments2247342Few writing assignments224734				Total	559	100	1,742	100				
a. Provided clear instructions describing what they wanted you to doWRI02a1No writing assignments814332Few writing assignments 338711773Some writing assignments14025341204Most writing assignments23842772445All writing assignments1392547027Total5631001,743100b. Explained in advance what they wanted you to learmWRI02b1No writing assignments2247342Few writing assignments224734	2. During the current school year, for	or how many	of your v	writing assignments have	your instruct	ors d	one the follo	wing?				
do 3 Some writing assignments 140 25 341 20 3.8 3.9 4 Most writing assignments 139 25 470 27 Total 563 100 1,743 100 b. Explained in advance what they WRI02b 1 No writing assignments 22 4 73 4 ywanted you to learm 2 Few writing assignments 66 11 202 12	•							-				
3       Some writing assignments       140       25       341       20       3.8       3.9         4       Most writing assignments       238       42       772       44         5       All writing assignments       139       25       470       27         Total       563       100       1,743       100         b. Explained in advance what they       WRI02b       1       No writing assignments       22       4       73       4         2       Few writing assignments       66       11       202       12       12	describing what they wanted you to		2	Few writing assignments	38	7	117	7				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	do		3	Some writing assignments	140	25	341	20	3.8	39	03	
Total5631001,743100b. Explained in advance what theyWRI02b1No writing assignments2247342Few writing assignments661120212			4	Most writing assignments	238	42	772	44	••••	515	100	
Total5631001,743100b. Explained in advance what theyWRI02b1No writing assignments2247342Few writing assignments661120212			5	0 0	139	25	470	27				
wanted you to learn2Few writing assignments661120212				0 0	563	100	1,743	100				
wanted you to learn2Few writing assignments661120212	b. Explained in advance what they	WRI02b	1	No writing assignments	22	4	73	4				
			2	0 0	66	11	202	12				
3 Some writing assignments $145 \ 25 \ 463 \ 26 \ 3.7 \ 3.6$			3	0 0	145	25	463	26	37	3.6	.06	
4 Most writing assignments 202 36 599 35			4	0 0	202	36	599	35	5.7	5.0	.00	
5 All writing assignments 129 24 405 23				0 0								
Total 564 100 1.742 100			-	0 0								
c. Explained in advance the criteria WRI02c 1 No writing assignments 12 2 47 3	c. Explained in advance the criteria	WRI02c	1									
they would use to grade your 2 Few writing assignments 50 9 126 7	1			0 0								
assignment	assignment			0 0					39	3.9	06	
4 Most writing assignments 196 33 628 36				0 0					5.7	5.7	00	
5 All writing assignments 180 33 605 35												
Total         564         100         1.746         100			5	0 0								



### Frequencies and Statistical Comparisons University of Toledo

#### **Seniors**

				Frequency Distributions <sup>a</sup>		Statistical	Compar	risons		
				UT		UT peer Wr	iting	UT	UT peer	Writing
	Variable									Effect
Item wording or description	name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	size <sup>d</sup>
. During the current school year, f	or how many	writing a	ssignments have you do	ne the followi	ing?					
a. Talked with a classmate, friend, or	WRI01a	1	No writing assignments	50	11	400	14			
family member to develop your		2	Few writing assignments	118	25	712	22			
ideas before starting your		3	Some writing assignments	154	33	1,054	34	2.9	2.9	.04
assignment		4	Most writing assignments	115	24	744	23			
		5	All writing assignments	37	8	222	7			
			Total	474	100	3,132	100			
b. Received feedback from a	WRI01b	1	No writing assignments	72	15	481	16			
classmate, friend, or family		2	Few writing assignments	114	24	795	25			
member about a draft before turning in your final assignment		3	Some writing assignments	166	35	895	29	2.8	2.8	01
turning in your mai assignment		4	Most writing assignments	87	19	715	23			
		5	All writing assignments	33	7	234	7			
			Total	472	100	3,120	100			
c. Given feedback to a classmate	WRI01c	1	No writing assignments	100	21	584	20			
about a draft or outline		2	Few writing assignments	112	24	819	26			
		3	Some writing assignments	169	36	1,031	33	2.6	2.6	03
		4	Most writing assignments	70	14	536	17			
		5	All writing assignments	23	5	147	5			
			Total	474	100	3,117	100			
d. Summarized material you read such	WRI01d	1	No writing assignments	38	8	230	8			
as articles, books, or online		2	Few writing assignments	77	17	483	15			
publications		3	Some writing assignments	176	38	1,029	33	3.1	3.2 *	10
		4	Most writing assignments	147	30	1,027	33			
		5	All writing assignments	36	7	343	11			
			Total	474	100	3,112	100			
e. Analyzed or evaluated something	WRI01e	1	No writing assignments	26	6	166	6			
you read, researched, or observed		2	Few writing assignments	57	13	306	10			
		3	Some writing assignments	144	31	815	26	3.4	3.6 *	13
		4	Most writing assignments	176	36	1,269	41			
		5	All writing assignments	69	15	560	18			
			Total	472	100	3,116	100			
f. Described your methods or	WRI01f	1	No writing assignments	71	14	452	14			
findings related to data you		2	Few writing assignments	93	19	603	19			
collected in lab or field work, a survey project, etc.		3	Some writing assignments	152	34	937	31	2.9	3.0	04
		4	Most writing assignments	109	23	799	26			
		5	All writing assignments	44	9	324	11			
			Total	469	100	3,115	100			
g. Argued a position using evidence	WRI01g	1	No writing assignments	54	12	379	12			
and reasoning		2	Few writing assignments	92	20	537	17			
		3	Some writing assignments	157	33	970	31	3.0	3.1	06
		4	Most writing assignments	125	26	873	28			
		5	All writing assignments	40	9	358	11			
			Total	468	100	3,117	100			

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



### Frequencies and Statistical Comparisons University of Toledo

#### **Seniors**

UT         UT per Writing         UT         UT per Writing         UT         UT per Writing           tem wording or decryption         weak         Region or details         <					Frequency Distributions <sup>a</sup>			Statistical Comparisons			
					UT		UT peer Wr	iting	UT	UT peer	· Writing
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Item wording or description		Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	
$ \begin{array}{ c c c c c } 1 & Virium shapping in the set of the$		WRI01h	1	No writing assignments	78	16	624	20			
$ \begin{array}{ c c c c c c } 1 & \text{Most writing assignments} & 111 & 24 & 667 & 22 \\ 5 & \text{All writing assignments} & 35 & 8 & 241 & 8 \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	numerical or statistical data		2	Few writing assignments	97	20	681	21			
$ \frac{1}{1  Writen in the style and format of a set of the style and format set of the style and style and style$			3	Some writing assignments	149	32	884	29	2.9	2.8	.09
			4	Most writing assignments	111	24	667	22			
i. Written in the style and format of a specific field (engineering, history, psychology, etc.) i. Written in the style and format of a specific field (engineering, history, psychology, etc.) i. More writing assignments j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc. a Potvided clear instructions describing that they wanted you to do $1$ . No writing assignments a politician, non-experts, etc. i. Some writing assignments i. Some w			5	All writing assignments	35	8	241	8			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				Total	470	100	3,097	100			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	i. Written in the style and format of a	WRI01i	1	No writing assignments	54	11	409	13			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			2	Few writing assignments	85	17	427	14			
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	psychology, etc.)		3	Some writing assignments	120	26	697	22	3.2	3.3	07
$ \begin{array}{ c c c c c c c } \hline Total & 471 & 100 & 3,116 & 100 \\ \hline Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc. & 3 & Some writing assignments & 94 & 20 & 662 & 21 \\ a politician, non-experts, etc. & 4 & 68 & 710 & 32 & 7 & 310 & 10 \\ \hline A & Most writing assignments & 38 & 21 & 634 & 29 \\ \hline S & All writing assignments & 32 & 7 & 310 & 10 \\ \hline Total & 467 & 100 & 3,106 & 100 \\ \hline \end{array} \\ \hline \hline$			4	Most writing assignments	129	28	882	28			
j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc.       WR101j       1       No writing assignments       94       20       500       19         j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc.       3       Some writing assignments       149       32       910       29         j. Addressed a real or imagined audience such as your classmates, a politician, non-experts, etc.       3       Some writing assignments       149       32       910       29         j. Addressed a real or imagined apolitician, non-experts, etc.       Most writing assignments       32       7       310       100         j. During the current school year, for how many of your writing assignments do       WR102a       1       No writing assignments       16       3       130       4         j. Provided clear instructions do       WR102a       1       No writing assignments       100       22       589       19         j. Explained in advance what they wanted you to leam       WR102b       1       No writing assignments       105       22       849       27         j. Explained in advance the criteria they would use to grade your assignment       2       Few writing assignments       133       28       780       25         j. Palaned in advance the criteria the			5	All writing assignments	83	18	701	23			
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} 2 \\ a \ b \ c \ c \ c \ c \ c \ c \ c \ c \ c$				Total	471	100	3,116	100			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	j. Addressed a real or imagined	WRI01j	1	No writing assignments	94	20	590	19			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	audience such as your classmates,		2	Few writing assignments	94	20	662	21			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	a politician, non-experts, etc.		3	Some writing assignments	149	32	910	29	2.7	2.8	- 04
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			4		98	21	634	20		2.0	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			5		32	7	310	10			
a. Provided clear instructions describing what they wanted you to doWR102a1No writing assignments16313042Few writing assignments35820663Some writing assignments10022589193.8 $3.8$ $06$ 4Most writing assignments213461.3454343 $45$ $1.345$ 43 $43$ $46$ $1.345$ 43 $45$ $1.165$ $57$ $7 \text{ total}$ $469$ $100$ $3.119$ $100$ $100$ $3.109$ $100$ $3.109$ $100$ $3.109$ $100$ $3.109$ $100$ $3.119$ $100$ $3.119$ $100$ $3.119$ $100$ $3.119$ $100$ $3.15$ $3.6$ $09$ b. Explained in advance what they wanted you to learWR102b1No writing assignments $62$ $13$ $356$ $11$ $35$ $3.6$ $09$ 4Most writing assignments $133$ $28$ $780$ $25$ $3.5$ $3.6$ $09$ 4Most writing assignments $133$ $20$ $777$ $25$ $3.6$ $09$ 5All writing assignments $44$ $31377$ $5$ $3.8$ $3.9$ $04$ WR102c1No writing assignments $48$ $10$ $206$ $66$ assignments $144$ $31$ $1.036$ $33$ WR102c1No writing assignments $48$ $10$ $206$						100		100			
a. Provided clear instructions describing what they wanted you to doWR102a1No writing assignments16313042Few writing assignments35820663Some writing assignments10022589193.8 $3.8$ $06$ 4Most writing assignments213461.3454343 $45$ $1.345$ 43 $43$ $46$ $1.345$ 43 $45$ $1.165$ $57$ $7 \text{ total}$ $469$ $100$ $3.119$ $100$ $100$ $3.109$ $100$ $3.109$ $100$ $3.109$ $100$ $3.109$ $100$ $3.119$ $100$ $3.119$ $100$ $3.119$ $100$ $3.119$ $100$ $3.15$ $3.6$ $09$ b. Explained in advance what they wanted you to learWR102b1No writing assignments $62$ $13$ $356$ $11$ $35$ $3.6$ $09$ 4Most writing assignments $133$ $28$ $780$ $25$ $3.5$ $3.6$ $09$ 4Most writing assignments $133$ $20$ $777$ $25$ $3.6$ $09$ 5All writing assignments $44$ $31377$ $5$ $3.8$ $3.9$ $04$ WR102c1No writing assignments $48$ $10$ $206$ $66$ assignments $144$ $31$ $1.036$ $33$ WR102c1No writing assignments $48$ $10$ $206$	2. During the current school year. f	or how many	v of vour v	vritina assianments have	vour instruct	ors d	one the follo	wing?			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	-				-			-			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	describing what they wanted you to		2		35	8	206	6			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	do		3		100	22	589	19	3.8	3.8	- 06
$\begin{array}{ c c c c c c c } \hline 5 & All writing assignments & 105 & 22 & 849 & 27 \\ \hline Total & 469 & 100 & 3,119 & 100 \\ \hline b. Explained in advance what they WRI02b & 1 & No writing assignments & 24 & 5 & 165 & 5 \\ 2 & Few writing assignments & 62 & 13 & 356 & 11 \\ 3 & Some writing assignments & 133 & 28 & 780 & 25 \\ 4 & Most writing assignments & 152 & 34 & 1,061 & 34 \\ 5 & All writing assignments & 93 & 20 & 757 & 25 \\ \hline Total & 464 & 100 & 3,119 & 100 \\ \hline c. Explained in advance the criteria WRI02c & 1 & No writing assignments \\ they would use to grade your assignment & 2 & Few writing assignments \\ \hline 14 & 30 & 300 & 571 & 19 \\ \hline 3 & Some writing assignment & 85 & 19 & 571 & 19 \\ \hline 4 & Most writing assignment & 177 & 37 & 1,169 & 37 \\ \hline 5 & All writing assignment & 144 & 31 & 1,036 & 33 \\ \hline \end{array}$			4		213	46	1,345	43	••••	510	100
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			5		105	22		27			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					469	100	3,119	100			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	b. Explained in advance what they	WRI02b	1	No writing assignments	24	5	165	5			
3       Some writing assignments       133       28       780       25       3.5       3.6      09         4       Most writing assignments       152       34       1,061       34       34       3.6      09         5       All writing assignments       93       20       757       25       760       25       760       25       760       25       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       26       760       76       25       760       26       760       760       76       25       760       76       26       760       76 </td <td></td> <td></td> <td>2</td> <td></td> <td>62</td> <td>13</td> <td>356</td> <td>11</td> <td></td> <td></td> <td></td>			2		62	13	356	11			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					133		780		3.5	3.6	- 09
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			4		152	34	1,061	34	010	5.0	.09
Total464100Total464100Total33143Some writing assignments481020Few writing assignments48102063Some writing assignments48102063Some writing assignments8519571193.83.9044Most writing assignments1177375All writing assignments144311,169375All writing assignments144311,03633			5		93	20		25			
c. Explained in advance the criteria WRI02c 1 No writing assignments 14 3 137 5 they would use to grade your 2 Few writing assignments 48 10 206 6 3 Some writing assignments 85 19 571 19 4 Most writing assignments 177 37 1,169 37 5 All writing assignments 144 31 1,036 33											
they would use to grade your assignment 2 Few writing assignments 3 Some writing assignments 48 10 206 6 3 Some writing assignments 48 10 206 8 3 Some writing assignment 48 10 4	c. Explained in advance the criteria	WRI02c	1								
assignment       3       Some writing assignments       85       19       571       19       3.8       3.9      04         4       Most writing assignments       177       37       1,169       37         5       All writing assignments       144       31       1,036       33	1		2		48	10	206	6			
4       Most writing assignments       177       37       1,169       37         5       All writing assignments       144       31       1,036       33	assignment								3.8	3.0	- 04
5 All writing assignments 144 31 1,036 33				0 0					0.0	5.9	04
				0 0			,				
			5	Total	468	100	3,119	100			



### Detailed Statistics<sup>e</sup> University of Toledo

#### **First-Year Students**

	N	Me	Iean Standard error <sup>f</sup> deviation <sup>g</sup>					DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
Variable								Comp	arisons with:	
name	UT	UT	UT peer Writing	UT	UT peer Writing	UT	UT peer Writing	UT p	eer Writing	
WRI01a	550	2.92	2.91	.04	.03	1.05	1.08	1,951	.970	.00
WRI01b	547	3.12	3.12	.05	.03	1.09	1.14	1,941	.976	.00
WRI01c	550	2.99	3.02	.05	.03	1.09	1.10	1,948	.585	03
WRI01d	550	3.18	3.26	.04	.03	1.01	0.99	1,948	.096	08
WRI01e	550	3.47	3.53	.04	.03	0.99	0.97	1,950	.190	07
WRI01f	548	2.92	2.74	.05	.03	1.12	1.16	1,038	.001	.16
WRI01g	548	3.20	3.23	.05	.03	1.08	1.08	1,944	.553	03
WRI01h	548	2.70	2.43	.05	.03	1.19	1.17	1,935	.000	.22
WRI01i	550	2.90	2.75	.05	.03	1.19	1.26	1,064	.011	.13
WRI01j	544	2.84	2.82	.05	.03	1.16	1.19	1,936	.790	.01
WRI02a	548	3.83	3.85	.04	.03	0.92	0.98	1,939	.563	03
WRI02b	549	3.66	3.60	.05	.03	1.07	1.09	1,941	.236	.06
WRI02c	550	3.86	3.92	.04	.03	1.03	1.04	1,945	.257	06



### Detailed Statistics<sup>e</sup> University of Toledo

#### **Seniors**

	N	Stand N Mean Standard error <sup>f</sup> deviat						DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
Variable								Comp	arisons with:	
name	UT	UT	UT peer Writing	UT	UT peer Writing	UT	UT peer Writing	UT p	eer Writing	
WRI01a	471	2.92	2.88	.05	.02	1.11	1.13	3,217	.475	.04
WRI01b	467	2.78	2.79	.05	.02	1.13	1.17	651	.819	01
WRI01c	471	2.58	2.61	.05	.02	1.11	1.12	3,206	.606	03
WRI01d	470	3.12	3.23	.05	.02	1.04	1.08	658	.035	10
WRI01e	468	3.42	3.55	.05	.02	1.06	1.07	3,201	.011	13
WRI01f	464	2.94	2.99	.05	.02	1.17	1.20	3,196	.373	04
WRI01g	464	3.02	3.08	.05	.02	1.14	1.18	3,198	.247	06
WRI01h	466	2.88	2.78	.05	.02	1.17	1.22	651	.079	.09
WRI01i	467	3.24	3.34	.06	.03	1.25	1.32	657	.131	07
WRI01j	463	2.74	2.80	.06	.02	1.20	1.24	3,189	.375	04
WRI02a	466	3.76	3.82	.05	.02	0.98	1.05	3,201	.227	06
WRI02b	461	3.51	3.61	.05	.02	1.10	1.13	3,195	.075	09
WRI02c	464	3.84	3.88	.05	.02	1.06	1.08	3,200	.427	04



## NSSE 2017 Experiences with Writing Endnotes

#### **University of Toledo**

#### **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 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.

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.