



**General Education Program Assessment
Gen Ed Designation: Quantitative Experience (QE)
Institutional Report
Fall 2019-Winter 2020**

Purpose and Process

To ensure that students are obtaining the intended outcomes of the General Education program, the General Education Oversight Committee (GEOC) has established an assessment plan for the program. Each year, instructors teaching courses in a subset of Gen Ed designations are responsible for choosing at least one assignment from their course, scoring it using the relevant Gen Ed rubric(s) for the course's designation(s), and submitting those scores to the GEOC. The designations scheduled for assessment in 2019-2020 were Diversity, Equity and Inclusion (DEI), Quantitative Experience (QE), and Social Inquiry (SI). Once scores are submitted, the Office of Institutional Research and Analysis analyzes and disseminates the results according to GEOC guidelines.

This report presents aggregated data from all Quantitative Experience (QE) courses offered from Fall 2019-Winter 2020 in two formats: table and graph. The QE rubric, which defines the performance levels, and more information about Gen Ed assessment are online at <https://provost.wayne.edu/gen-ed-assessment>. Note that accreditation of the university depends in part on our ability to demonstrate student learning for the Gen Ed learning outcomes.

Please note that the Covid-19 pandemic forced a sudden move to remote teaching and learning in Winter 2020. Results should therefore be interpreted with that context in mind.

How GEOC can use this information

GEOC can use assessment data to understand how well the Gen Ed program is helping students gain the knowledge and skills the program intends to provide. Based on that understanding, GEOC might choose a variety of actions, such as celebrating successes, strategizing ways to better support instructors, improving the program's design, or arguing for resources to enhance the program. Colleges/schools, departments/programs, and instructors are also encouraged to use the assessment results to strengthen the Gen Ed program.

Resources for training and assessment for the Gen Ed program are available on the GEOC website at <https://provost.wayne.edu/gen-ed-assessment>.

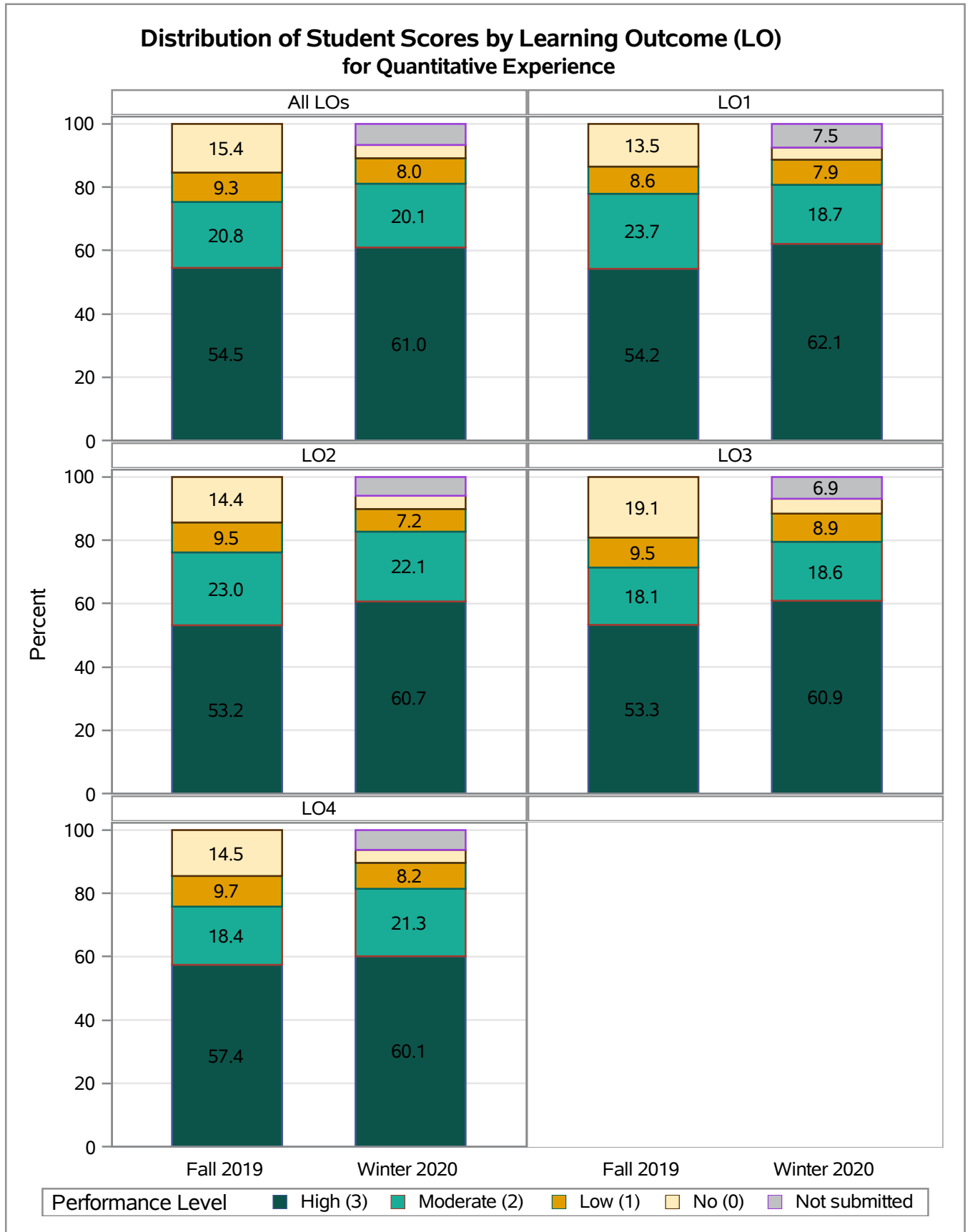
For a list of courses included in this report, please see the appendix.

Table 1 provides a summary of assessment results for each learning outcome by performance level. The table includes the number of scores (N) submitted, the average score (mean [Mn]), standard deviation of scores from the mean (SD) and the percentage of students achieving each performance level for each learning outcome individually and a grand total for the Gen Ed designation.

Table 1.

Learning Outcome Area	N	Mn	SD	Percent of Responses by Performance Level				
				High (3)	Moderate (2)	Low (1)	No (0)	Not submitted
				%	%	%	%	%
LO1: Apply mathematical models to real-world problems	2,640	2.3	1.0	57.3	21.7	8.3	9.7	3.0
LO2: Carry out and justify calculations	2,574	2.3	1.0	56.0	22.6	8.6	10.5	2.3
LO3: Draw conclusions based on quantitative evidence	2,572	2.2	1.1	56.2	18.3	9.3	13.6	2.6
LO4: Communicate arguments supported by quantitative evidence	2,569	2.3	1.0	58.5	19.5	9.1	10.5	2.4
All	10,355	2.3	1.0	57.0	20.6	8.8	11.1	2.5

A visual representation of the data reported in Table 1 is presented below.



List of Courses for Fall 2019-Winter 2020 Assessment Cycle
Learning Outcome:QE

College	Department	Course ID	# Sections	# Assessed Students	# Enrolled Students
BA	FIN	BA1200	2	68	71
BA	MSCM	BA2300	14	890	960
ED	TED	MAE1000	10	219	230
FA	FAD	FPC1010	7	141	165
FA	THD	THR2651	5	110	121
LS	MAT	MAT1000	6	194	208
LS	MAT	MAT1050	12	310	324
LS	MAT	MAT2020	2	57	57
LS	PHI	PHI1070	3	89	92
LS	MAT	STA1020	20	509	653
Total			81	2587	2881