

FSSE Scale Scores by Discipline

Starting with FSSE 2013, sets of new, continuing, and updated items have been grouped within several scales that measure instructional staff participation in and support of various teaching practices. These scales are organized within four themes that parallel engagement themes on the National Survey of Student Engagement (NSSE).

Using data from the 2016 administration of FSSE, the following examination of these scales highlights differences in instructional staff responses by discipline (Table 1). Figure 1 shows the estimated average scale scores. On average, instructional staff members report the highest levels of engagement in effective teaching practices (ET), followed by reflective and integrative learning (RI), and higher-order learning (HO). The lowest reported levels of engagement were reported in quantitative reasoning (QR), and discussions with diverse others (DD).

FSSE Scales

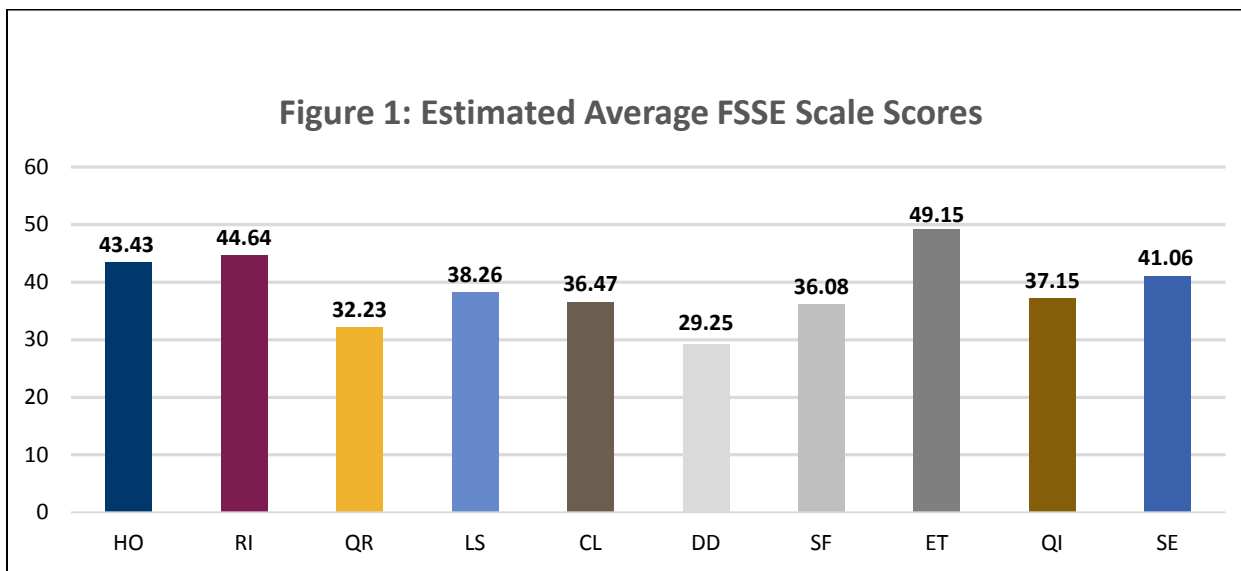


Table 1: Estimated Average Scale Scores by Discipline Areas

	HO	RI	QR	LS	CL	DD	SF	ET	QI	SE
Arts & Humanities	45	47	17	38	34	30	36	50	36	43
Biological Sciences, Agriculture, & Natural Resources	38	38	40	39	39	23	36	47	36	39
Physical Sciences, Mathematics, & Computer Science	39	31	41	35	41	22	33	47	37	36
Social Sciences	45	48	36	39	34	31	37	48	36	41
Business	44	42	40	38	37	31	36	49	38	39
Communications, Media, & Public Relations	46	50	28	37	34	32	38	50	37	42
Education	45	50	32	38	38	29	37	52	39	44
Engineering	42	34	44	37	42	26	36	48	38	35
Health Professions	44	48	37	41	37	31	39	50	40	42
Social Service Professions	47	52	35	41	34	35	37	50	37	44
Other disciplines	43	46	30	38	36	32	36	48	36	43

Note. HO = Higher-Order Learning; RI = Reflective and Integrative Learning; LS = Learning Strategies; QR = Quantitative Reasoning; CL = Collaborative Learning; DD = Discussions with Diverse Others; SF = Student-Faculty Interactions; ET = Effective Teaching Practices; QI = Quality of Interactions; SE = Supportive Environment.

Examples of the discipline differences observed include:

- Instructional staff members in all disciplines except Social Service Professions report their highest scale score on ET. Social Service Professions report higher score on RI (52) than on ET (50).
- All of the scale scores are greater than 30 with a few exceptions: instructional staff members in Arts & Humanities and Communications, Media, & Public Relations reported report 17 and 28 respectively on QR; instructional staff members in Biological Sciences, Agriculture, & Natural Resources, Physical Sciences, Mathematics, & Computer Science, Education, and Engineering report 23, 22, 29, and 26 on DD, respectively.
- The highest scale score (52) is reported by instructional staff members in Education on ET and instructional staff members in Social Service Professions on RI.
- The lowest scale score (17) is reported by instructional staff members in Arts & Humanities on QR.

Syntax:

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