

## What are some examples of direct and indirect measures?

	Direct Measures	Indirect Measures
<b>Course</b>	Course-based exams/assignments/projects	Course evaluations
	Term papers, lab reports, case studies	Test blueprints (outlines of concepts & skills tested)
	Course-embedded questions	Classroom Assessment techniques (e.g., thought papers, muddiest point explanation)
	Observations of field work, clinical experience, internship performance	Percent of class time spent in active learning
	Standardized tests (departmental)	Number of student hours spent at intellectual or cultural activities related to the course
	Oral presentations	Reflective essays
	Portfolios	
	Graphic tests and posters	
	Group and team projects	
	Transcript analysis of class conversations	
	Capstone Course projects/assignments	
<b>Program</b>	Pass rates or scores on licensure or certification exams or subject area tests	Focus group interviews with students, faculty, employers
	Student publications or presentations	Registration, enrollment, graduation, transfer data
	Capstone projects, senior theses, exhibits, portfolios, or performances	Department self-study or program review data
	Employer & internship supervisor ratings of students' performance	Job placement data
	Portfolios	Employer or alumni surveys
	Research projects	Student perception surveys
	Structural/situational assessments	Archival measures – student and alumni databases
	Embedded questions and assignments-- essay exams, objective exams	Syllabus audit
	Locally-developed exams	Acceptance rates into medical, professional, graduate schools
	Pre/post test data	Exit interviews
<b>Institutional</b>	Technology skills assessment performance	Student perception surveys (local or national; e.g., NSSE)
	Performance on tests of writing, critical thinking, or general knowledge	Graduation, retention, GPA data
	Rating-scale scores for class assignments in General Education	Transcript studies that examine patterns & trends of course selection & grading
		The institution's annual reports, including institutional benchmarks & graduation rates
		Time to degree data