

Sample Data Types to Support Educators' Data Analyses

Columns at right indicate entities about which each dataset is typically collected, but results can be aggregated for larger groups & disaggregated for smaller groups (program, dept., etc.).

Source	Topic	Data Type	Student	Teacher/Class	School	District	Parent/Hom	Community
Student-Reported	Learning	Engagement	X	X	X			
		Perceived Rigor	X	X	X			
		Perceived Homework Rigor	X	X	X			
		Perceived Demands on Time (Homework)	X	X	X			
		Perceived Classroom Management	X					
	Perception	Closeness to School Staff	X	X	X			
		Sense of Belonging	X	X	X		X	X
		Availability of Caring Adult	X	X	X		X	X
		Perceived Safety	X	X	X		X	X
		GPA Expectations	X					
		Graduation Expectations	X					
		College Expectations	X					
		Like Coming to Class/School	X	X	X			
	Home Life	Guardian/Adult Helps with Homework	X					X
		Guardian/Adult GPA Expectations	X					X
		Guardian/Adult Graduation Expectations	X					X
		Guardian/Adult College Expectations	X					X
		Guardian/Adult School Behavior Expectations	X					X
		Guardian/Adult Fluent English Speaker	X					X
		Guardian/Adult Native English Speaker	X					X
		Guardian Incarceration	X					X
		Time with Guardian(s)/Adult(s)	X					X
		Substance Abuse (Others')	X					X
		Technology Access	X					X
		Perceived Safety/Abuse	X					X
		Family Structure	X					X
	Family Size	X					X	
	Habits	Study Habits	X					
		Time Spent on Homework	X					
		Use of Tutoring/Support	X					
		TV Time	X					
		Academic Technology Time	X					
		Recreational Technology Time	X					
College Visitations		X						
Answers (Testing Knowledge of) College Entrance Criteria		X						
Employment		X						
			X					
Health & Mentality	Substance Abuse	X						
	Depression	X						
	Expectations for Future	X						
	Off-Site Counseling	X						
	Nutritional Habits	X						
Stress Level	X							
Close Peers	Habits	X					X	
	Performance	X					X	
	Attitudes	X					X	
	Etc. (Based on Student-Identified Friends)	X					X	
Teacher-Reported	Habits & Mentality	Effort/Academic Tenacity	X					
		Citizenship	X					
		Work Habits	X					
		Study Skills	X					
		Participation	X					
		Missing Assignments	X					
		In-Class Behavior	X					
	Parents	Phone Calls Home	X				X	
		Parent/Teacher Conference Attendance	X				X	

Source	Topic	Data Type	St	TC	Sc	Di	PH	Co
Teacher-Reported (Continued)	Grades	Credit Accumulation	X					
		Assignment-Specific Scores (e.g., Projects)	X					
		Pre-Grad Portfolio Performance	X					
		Grades (GPA, Ds & Fs, etc.)	X					
		Core Content Grades (GPA, Ds & Fs, etc.)	X					
		Grade Level Retention	X					
		Maintained GPA When Transitioning Schools/Levels	X					
Student Demographics	Demographics	Grade	X					
		Gender	X					
		Age/Birth Date	X					
		Primary Ethnicity	X					
		Primary Race	X					
		Primary Language	X					
		U.S. Entry Date	X					
		Country of Origin	X					
		Teen Parent?	X					
	Homeless	X						
	Status/ Participation	Special Education Status (SDC/RSP/504)	X					
		Primary Disability Code	X					
		Socio-Economically Disadvantaged Status	X					
		NSLP/Free & Reduced Lunch Participation	X					
		Migrant Education	X					
Indian Education		X						
Performance	Gifted & Talented Education (GATE)	X						
	Language Fluency	X						
	RFEP Reclassified Date	X						
		Native Language Fluency	X					
Performance	Graduation	General Education Development (GED)	X					
		Graduation	X					
		Entering Trade School	X					
		Completing Trade School	X					
		Entering Junior College	X					
		Entering University	X					
		Completing Jr. College by 24 (possible to collect)	X					
		Completing University by 24 (possible to collect)	X					
		College GPA	X					
		Degrees Earned	X					
	Entering Workforce	X						
	Courses	Math Course Placement	X					
		AP/IB/GATE/Honors Courses	X					
		Sheltered Courses	X					
		Remedial Courses	X					
		Placement with Veteran Teachers	X					
		Placement with High-Performing Teachers	X					
	Assessments Overall, per Q, per standard, per essential standard, per strand/cluster/domain, mastery of all above, in each vs. all vs. core content, per Bloom's Taxonomy, per Rubric	Formative/Exit Tickets	X					
		Samples/Projects (e.g., Writing Samples)	X					
		Local, Benchmark, State, Etc.	X					
		SAT/ACT & College Readiness	X					
		PFT/Physical Fitness Exam	X					
		Performance Observations (e.g., Labs)	X					
		Multiple Intelligences, Learning Styles, Etc.	X					
Etc.		X						
Behavior	Discipline	Office Referrals	X					
		Detentions	X					
		Suspensions	X					
	Positive	Citizenship Awards	X					
		Recognition Slips	X					

Source	Topic	Data Type	St	TC	Sc	Di	PH	Co	
Health	Health Codes	Immunizations	X						
		P.E. "Opt Out"	X						
		Physical Fitness	X						
		Various Health Codes	X						
Attendance	Attendance	Tardies	X						
		Excused Absences	X						
		Unexcused Absences	X						
		Truancies	X						
	Participation	Intervention Program	X						
		Peer Mentoring/PALS Available	X						
		Voluntary Tutoring Program	X						
		College Advisor/Counselor Meetings	X						
		Extracurricular Activities	X						
		Misc. Program Participation	X						
		On-Site Counseling	X						
		SAT/ACT & College Readiness Exams Participation	X						
		Summer School Attendance	X						
		Preschool Attendance	X						
Use of Site Daycare (for Child of Teen Parent)	X								
Scheduling	Enrollment	English Learner in ELD (English Language Development)	X						
		English Learner in ELD and SDAIE (Specially Designed Acad	X						
		English Learner in ELD and SDAIE with Primary Language Si	X						
		English Learner in ELD and Academic Subjects through Prir	X						
		English Learner in Other Program	X						
		English Learner in No program	X						
		Retention Status	X						
		School: Current	X						
		School: Former	X						
		School: Next	X						
		Period 0 Teacher	X						
		Period 1 Teacher	X						
		Period 2 Teacher	X						
		Period 3 Teacher	X						
		Period 4 Teacher	X						
		Period 5 Teacher	X						
		Period 6 Teacher	X						
		Period 7 Teacher	X						
		Period 8 Teacher	X						
		Period 9 Teacher	X						
		Period 10 Teacher	X						
		English Teacher	X						
		Math Teacher	X						
		History Teacher	X						
		Science Teacher	X						
		P.E. Teacher	X						
		Other Teacher	X						
		District Entry Date	X						
		School Entry Date	X						
		U.S. School Entry Date	X						
		Assigned Teacher Mentor	X						
		School Start Time	X						
		School End Time	X						
Instructional Hours	X								

Source	Topic	Data Type	St	TC	Sc	Di	PH	Co
Teacher-Reported	Work	Data System Access		X	X	X		
		Technology Access		X	X	X		
		Use of Instructional Format (e.g. Lecture, PBL)		X	X			
		Use of Specific Instructional Strategies		X	X			
		Availability of Caring Staff		X	X	X		
		Availability of Respected Mentor		X	X	X		
	Approach	Data Use Comfort Level			X			
		Technology Comfort Level			X			
		Teaching Topic-Specific Comfort Level			X			
		Use of Pacing Guide			X			
		Teaching Style			X			
		Classroom Management Style			X			
	Perception	Closeness to School Staff			X	X		
		Sense of Belonging (e.g. Collegiality)			X	X		X
		Feel Respected by Colleagues			X	X	X	
		Feel Respected by Administration			X	X	X	
		Job Satisfaction			X	X	X	
Stress Level				X	X			
Perceived Safety				X	X		X	
Observation/Walk-Throughs	Engagement	All Students Actively Engaged		X				
		Teacher not Monopolized by Few Students		X				
	Lesson	Lesson Rigor			X			
		Lesson Connected to Pacing Guide			X			
		Lesson Connected to Other Learning			X			
	Instruction	Instructional Format (e.g. Lecture, PBL, Flipped)			X			
		Instructional Strategies Used			X			
		Differentiation			X			
		Use of Formative Feedback			X			
	Environment	Displayed Recent Student Work with Rubrics			X			
		Positive/Encouraging Atmosphere			X			
		Positive Classroom Management			X			
Personnel	Continuing Education	Professional Development		X				
		Education (e.g., Grad School Units, Subject-Specific, etc.)		X				
	Demographics	Gender			X			
		Age/Birth Date			X			
		Veteran Status			X			
		School Entry Date			X			
		District Entry Date			X			
		Time/Experience Teaching Subject			X			
		Time/Experience Teaching Grade Level			X			
		Credential Status			X			
		Highly Qualified Status			X			
		National Board Certification			X			
	Scheduling	% of Time Teaching in Credentialed Area			X			
		Extracurricular Activity Involvement			X			
		Department			X			
		Work Start Time			X			
		Work End Time			X			
		Instructional Hours			X			
		Presence of Class Aide			X			

Source	Topic	Data Type	St	TC	Sc	Di	PH	Co	
School/ District Stats	Courses	AP/IB/GATE/Honors Courses Available			X	X			
		Sheltered Courses Available			X	X			
		Remedial Courses Available			X	X			
	Programs	Tutoring Available				X	X		
		Intervention Available				X	X		
		Peer Mentoring/PALS Available				X	X		
		Extracurricular Activities Available				X	X		
		Arts/Electives Available				X	X		
		Sports Available				X	X		
		Summer School Available				X	X		
		Preschool Available				X	X		
		Daycare Available (for Children of Teen Parents)				X	X		
		Regional Occupational Program (ROP) Available				X	X		
	Access	Technology Access				X	X		
		Library Access				X	X		
	Performance	Dropout/Graduation Rate				X	X		
		Mobility				X	X		
		Accountability: AYP/API/Etc.				X	X		
	Policies	Grading Policy Consistency				X	X		
		Attendance Policy Consistency				X	X		
		Adoptions (e.g. Curriculum, Texts, Tech)				X	X		
		Allocation of Funds/Budget & Resources				X	X		
		Discipline Policy Consistency				X	X		
		Use of Saturday School				X	X		
	Attendance	Use of Detention				X	X		
		AP/IB/GATE/Honors Course Enrollment				X	X		
		Sheltered Course Enrollment				X	X		
		Remedial Course Enrollment				X	X		
		Saturday School Attendance				X	X		
		Detention Attendance				X	X		
		Tutoring Participation				X	X		
		Intervention Participation				X	X		
		Peer Mentoring/PALS Participation				X	X		
		Extracurricular Activity Participation				X	X		
		Arts/Electives Participation				X	X		
		Sports Participation				X	X		
		Summer School Participation				X	X		
		Preschool Participation				X	X		
		Daycare Enrollment (for Children of Teen Parents)				X	X		
		Regional Occupational Program (ROP) Attendance				X	X		
		Students in Home School				X	X		
	Adult Education Attendance				X	X			
	Scheduling/ Configuration	Teacher-to-Student Ratio				X	X		
		Counselor-to-Student Ratio				X	X		
		Admin-to-Student Ratio				X	X		
		Average Class Size				X	X		
		Maximum Class Size				X	X		
Within-Day Planning Period for Teachers					X	X			
Pre-Day Planning Period for Teachers					X	X			
Post-Day Planning Period for Teachers					X	X			
Use of Department Chairs					X	X			
Librarian					X	X			
Staff in Teacher Support Roles (TOSA, Lit Coach, etc.)					X	X			
On-Site Tech Coordinator					X	X			
School Configuration (e.g., 6-8 Middle vs. 7-8 Junior High)					X	X			
School Start Time					X	X			
School End Time				X	X				
Instructional Hours				X	X				

Source	Topic	Data Type	St	TC	Sc	Di	PH	Co	
School/ District Stats (Continued)	Demographics	Staff Attrition Rate			X	X			
		Type (Charter, Magnet, Indep. Study, Etc.)			X	X			
		Title I Status			X	X			
		Crime Rate			X	X			
		Rate for Various Discipline Codes			X	X			
		Facilities for Physically Challenged			X	X			
		\$ Allocation (e.g., Professional Development)			X	X			
		Students Bussed-in From Other Areas			X	X			
	Students Bussed-out to Other Schools			X	X				
	Outreach	Community Partnerships				X	X		X
Business Partnerships					X	X		X	
Programs for Parent/Family					X	X			
Adult Education Available					X	X			
Parent- Reported	Home Life	Helps Child with Homework						X	
		Reads to Child (for Young Children)						X	
		GPA Expectation (for Child)						X	
		College Expectations (for Child)						X	
		Time with Child						X	
	Demographics	Employment						X	
		High School Graduation Status						X	
		Highest Ed. Level						X	
	Perception	Feels Welcome on Campus						X	
		Feels School Values His/Her Input						X	
Communi- ty Stats	Environment	Crime Rate						X	
		Juvenile Crime Rate						X	
		Resident Mobility						X	
		Homelessness						X	
		Employment Rate						X	
		Population Trends						X	
		Resources						X	