



Educators have access to an online dashboard.

8 in 10 Educators can access data in real time.

More than 9 in 10 of districts with at least 50,000

students use dashboards. WHAT QUESTIONS EDUCATORS WOULD ASK

Given access to the right data about student learning,

educators have a flock of questions they'd ask:

transform curriculum? good and bad—impact student learning and success?

What practices—

Where are my students in the mastery continuum? Are our interventions

effective? What should we do to help the students thrive?

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IT'S RAINING BUCKETS OF DATA!

Are students on pace to achieve grade-level qoals? What learning style suits this student best?

> Does this student need tutoring?

What are the main areas of concern where we need to

OF EDUCATORS NEED ACCESS TO TWO OR MORE DATA SOURCES.

(AND 14% USE 5 OR

ANALYTICS.

MORE SOURCES.)

GIVING TEACHERS ACCESS TO DATA TO IMPROVE

WHEN PERFORMING ANALYTICS ON STUDENT LEARNING...

STUDENT LEARNING ISN'T SEAMLESS.

with a multitude of analytics tools.

It requires tapping into multiple data sources

OF EDUCATORS HAVE TO USE 2 OR **MORE TOOLS FOR PERFORMING**

is slower.

WHAT HOLDS UP DATA USAGE

Nearly half of

teachers (49%)

(33%) lack data

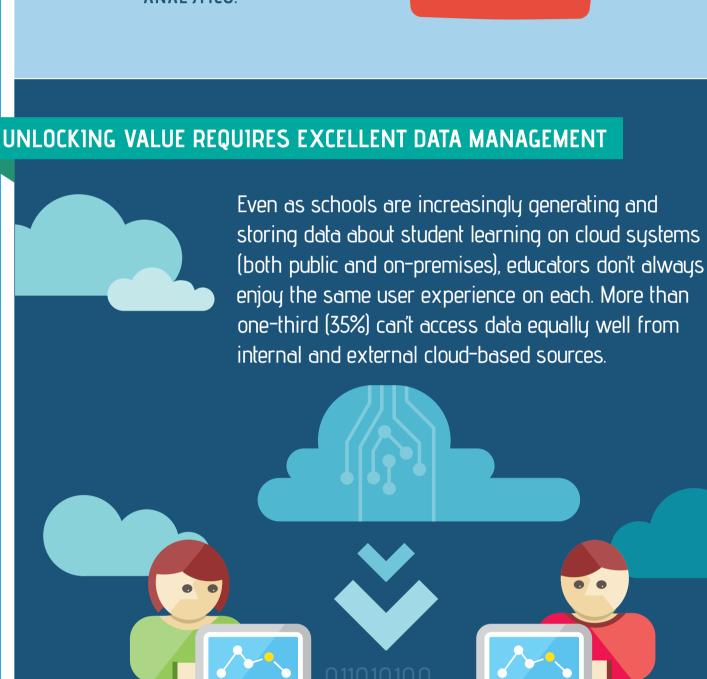
21% say they

to change that.

and a third of staff

analytics skills and

receive no training





teachers lack time

to work with data for

the sake of student

learning.

Nearly 2 people in 10 (17%)

report that accessing external cloud resources



object to data

29% cite a lack of student computing devices as the obstacle. 1011001011

Budget is a barrier

and schools and

for 45% of districts

DATA WORRIES As U.S. Department

learning results from online assessments through PARCC, Smarter Balanced and other state-developed tests. Common Core is generating massive amounts of student data that need analysis.

that can be used to improve student learning. Only 14% say the assessment data won't help.

More than half of

educators believe

state online exams

will generate data

For more information, please visit: http://software.dell.com/solutions/

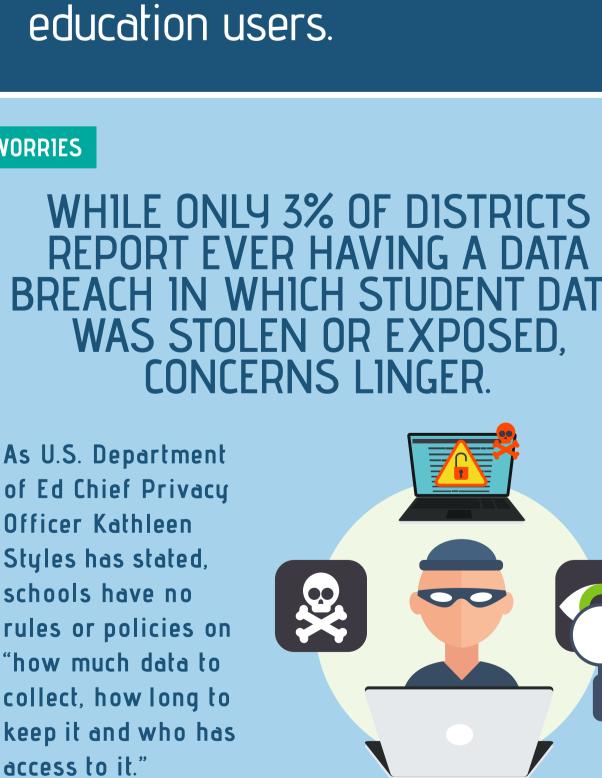
big-data-analytics/

In the 2014–15 school year,

many districts finally had

timely access to student

collection. Only 8%report lack of support by school leadership. THE PROBLEM OF "DIRTY" DATA Data integrity and replication problems beset nearly 1 in 5



collect, how long to keep it and who has access to it." More than a quarter of districts [27%]report that data usage is a "politically charged" subject. Larger districts (those with 15,000 students or more) are more likely to experience this than districts with fewer students (54% vs 28%). Larger districts are also 18% more likely to notify families about the student data they collect and analyze. **BRING ON STATE ONLINE ASSESSMENTS**