

Data in Education

We have evolved from just using numbers to grade students, to labeling almost all instances and processes inside higher education institutions.

20k

Higher education
institutions
worldwide

40%

Gross enrolment
rate

220M

Enrolled
students
worldwide

60%

Female
enrolment

49%

Drop-out rate

16%

Programs in
STEM areas

Data

Availability

Today most of our decision making both on institutions and on the public area are made upon numbers, but the reality is that these data is far from complete.

118

Countries reported to UNESCO on non-tertiary education

104

Countries reported on tertiary education

46

Reported on financial indicators

57%

Data availability for tertiary ed. in LATAM

23%

Data availability for tertiary ed. in SSA

9

LATAM countries apply PISA (only 3 in AFRICA)

Data

Consistency

Far from what we believe, numbers are subjective. People are highly emotional when reporting results; who requests, collects, and analyze the numbers is critical for the conclusions we'll get.

15%

US enrolment from lower income groups to top 200 HEI

8%

Of US lower income families will get a bachelore degree.

+60

Accreditation agencies only in the US

28%

Tertiary education premium

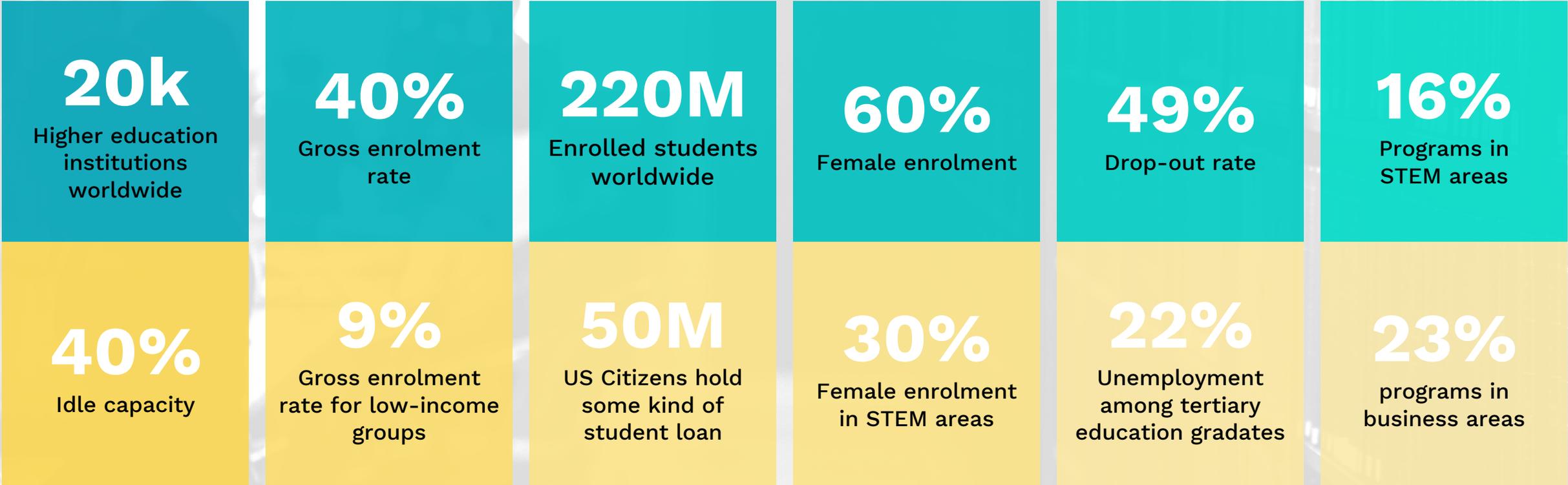
60%

Students fails for timely graduation

11%

Real exclusion from PISA

This is our reality...





“

**Plans are
worthless,
planning is
everything**

Dwight D. Eisenhower

About uPlanner

At uPlanner we have break down the “data-variable” through AI, so to go streight to the fundamental challenges of education.

100%
Higher
education

16
Countries

+150
Projects

2.5M
Students
impacted

5
Governments

80%
Students
from lower
income
groups

Smart
Campus

**uPlanner
Ecosystem**
uPlanner Labs

Student
Success

Academic
Management

Our Work

We can process unimaginable bulks of data, reducing noise of small samples and incomplete data sets, so to connect a broader, academic oriented vision with the day-to-day operation of campuses.

6K

New students in
MX public system

+20

Group size for
ALIAT (MX)

5

Simultaneous
ABET
accreditation
processes

32

COVID continuity
plans

+10

Different assisted
accreditation
processes

-30%

Drop-off for
CONTINENTAL (PE)

Bibliography

- UNESCO
- OCDE
- World Higher Education Database
- World Bank
- College Unbound, Jeferey J. Selingo
- The Case Against Education, Bryan Caplan

Questions for the panel

- Lets talk about availability: Numbers hide reality, today if something is not measured or represented on an indicator it becomes invisible. What problems do you think today are not being address because of our lack of capacity to properly represent it in numbers?
- Let talk about consistency: Numbers are subjective, it depends on who produces, collects and even who reads them the conclusions that we'll get. Do you think AI will help democratize numbers, QA and regulation efforts in higher education?
- Let talk about technology: The lack of consistency and availability in data across HEI limits the available technology to very operational systems that are unable to address the fundamental needs of institutions. Mainly because they fail to connect long term educational objectives with the day-to-day operation of campuses. How do you think AI and data oriented technologies will disrupt this equation and help HEI map and takle their fundamental challenges?