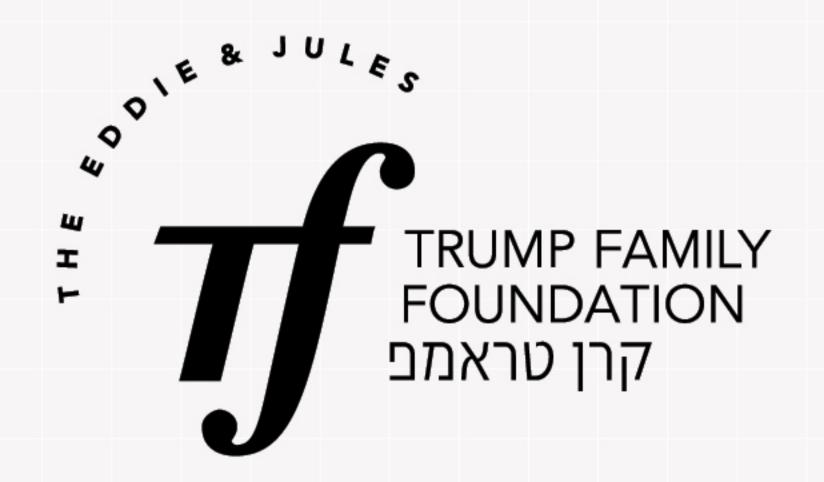
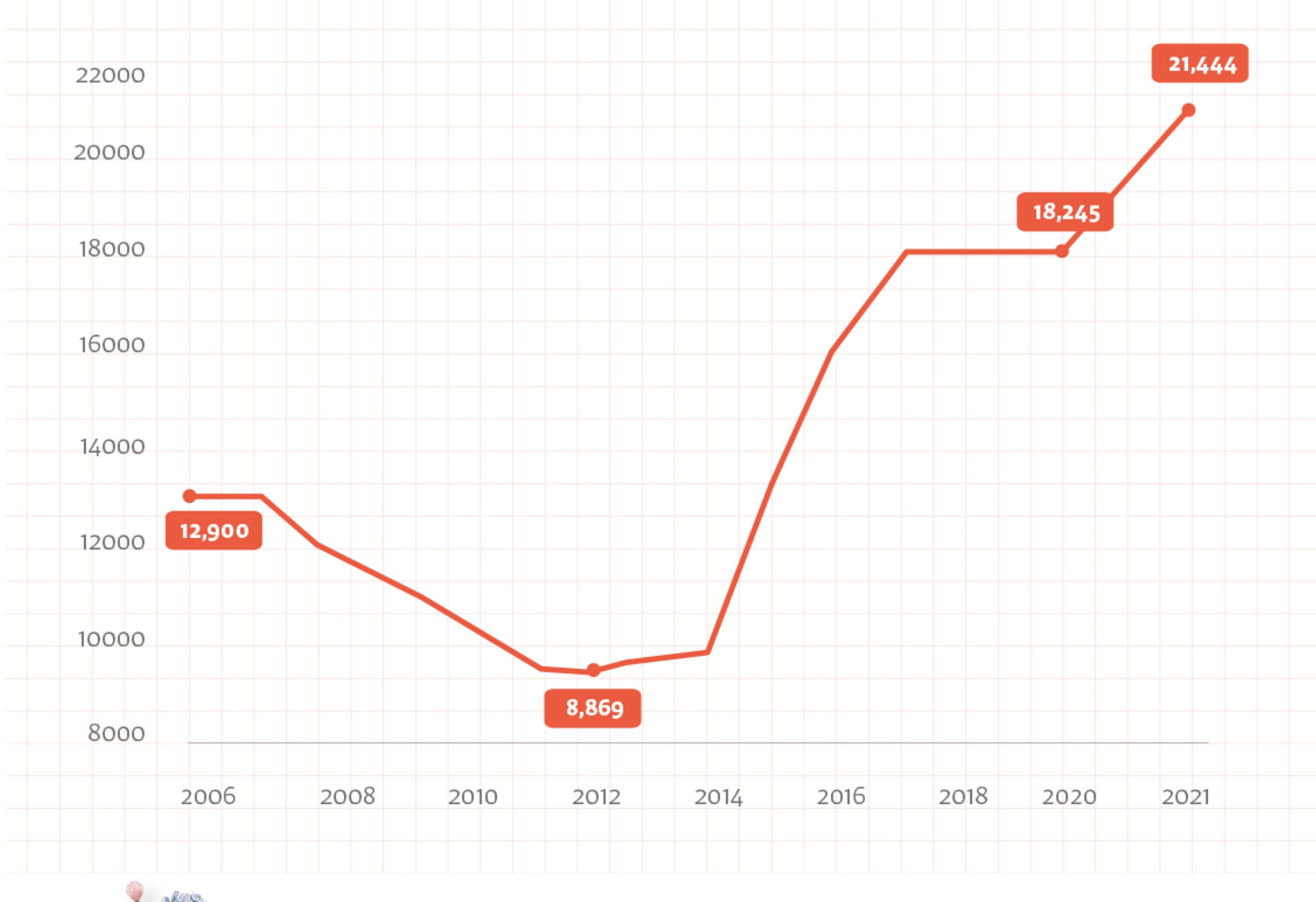


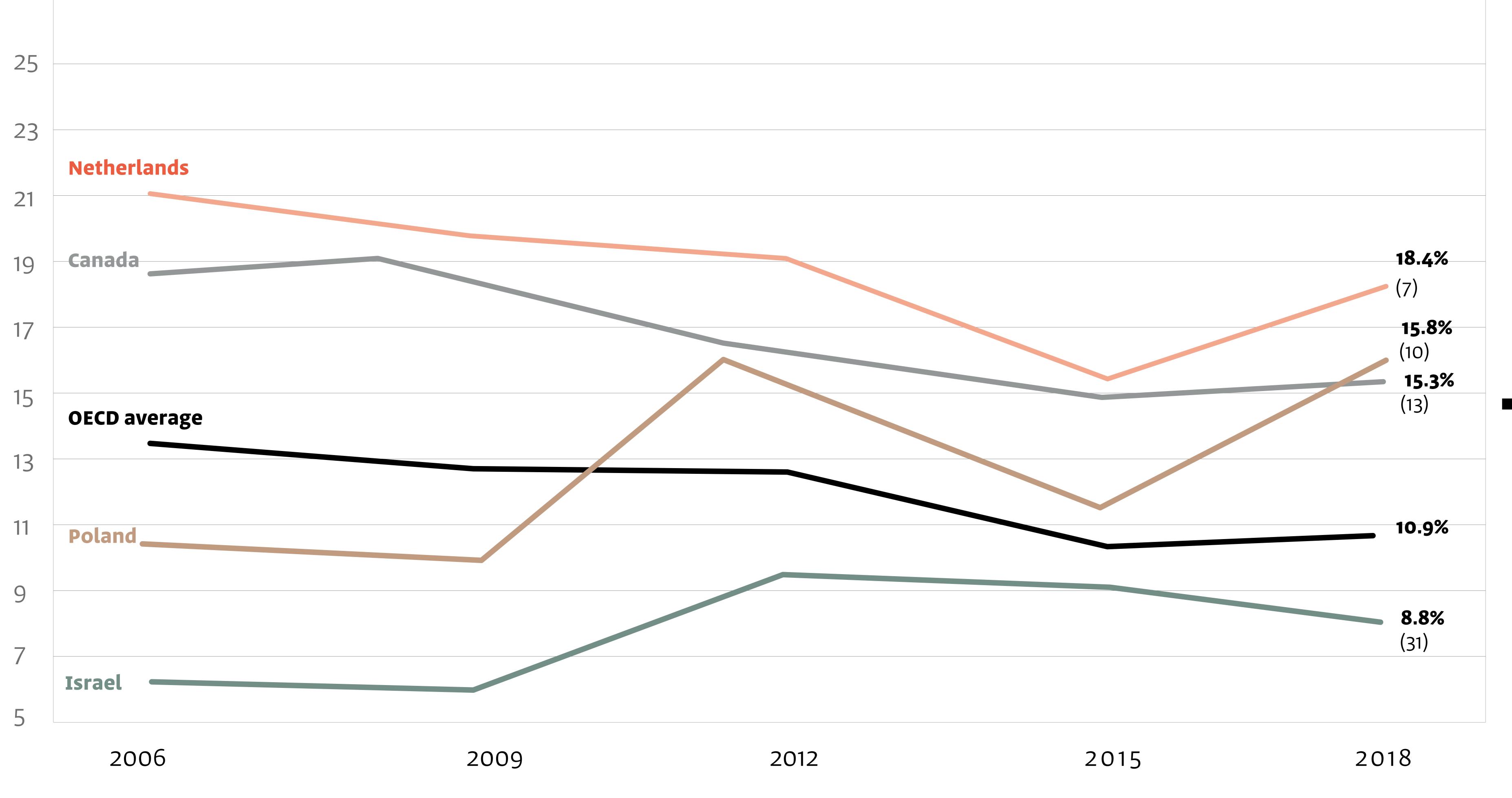
November 2022 +



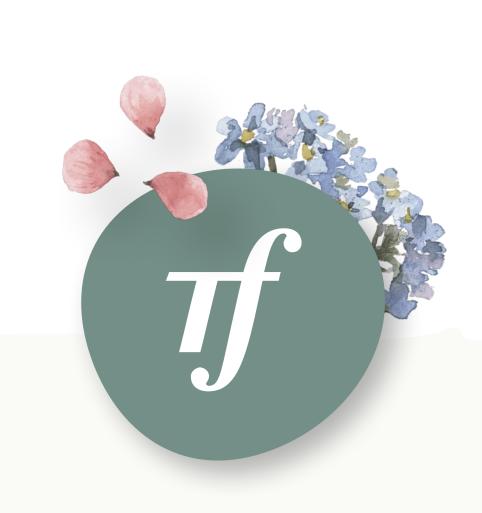


Five-Unit Mathematics Graduates 2006-2021

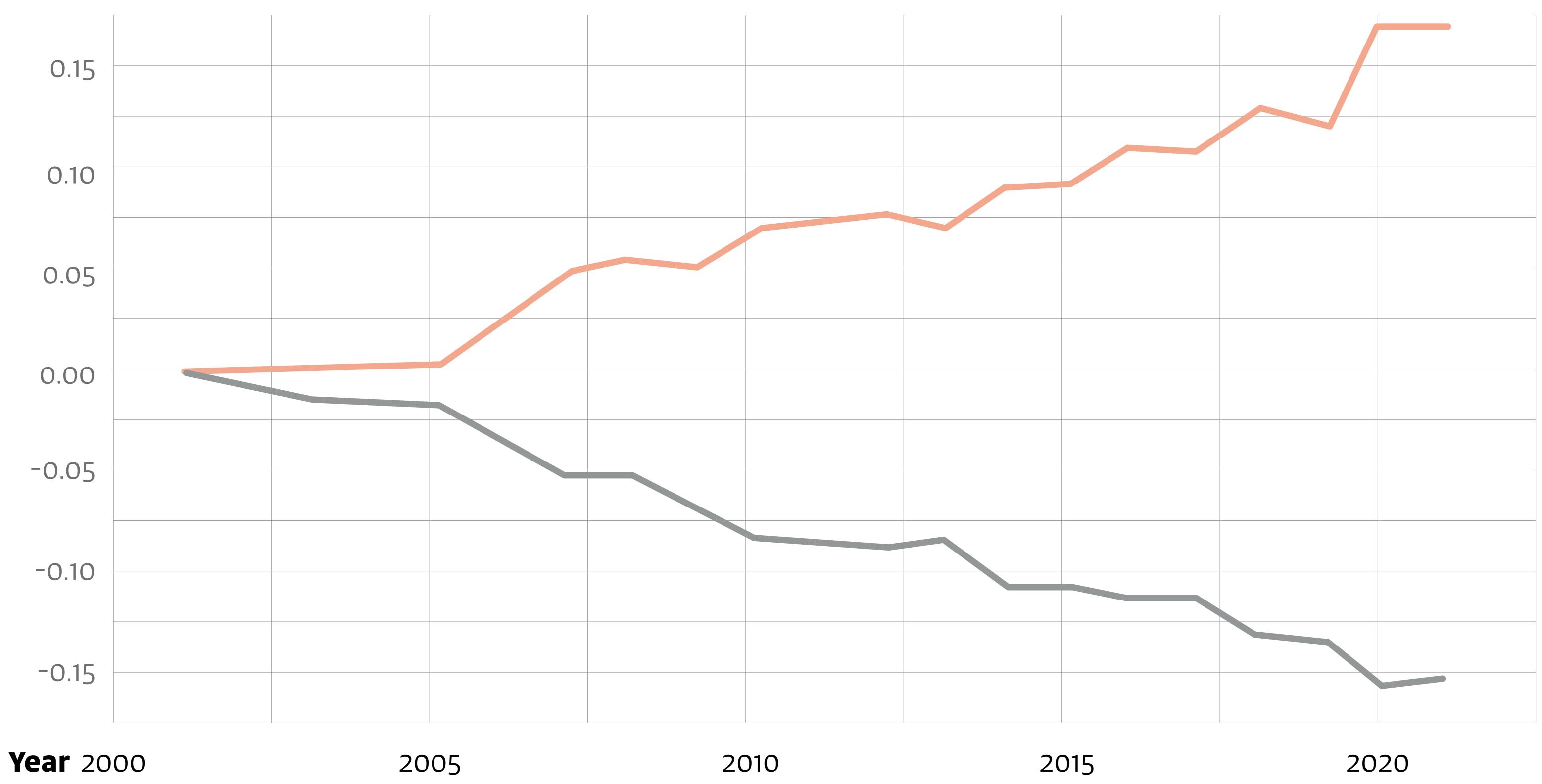




Rate of High Performing Students on the PISA Research in Thermostatics 2006-2018



Score

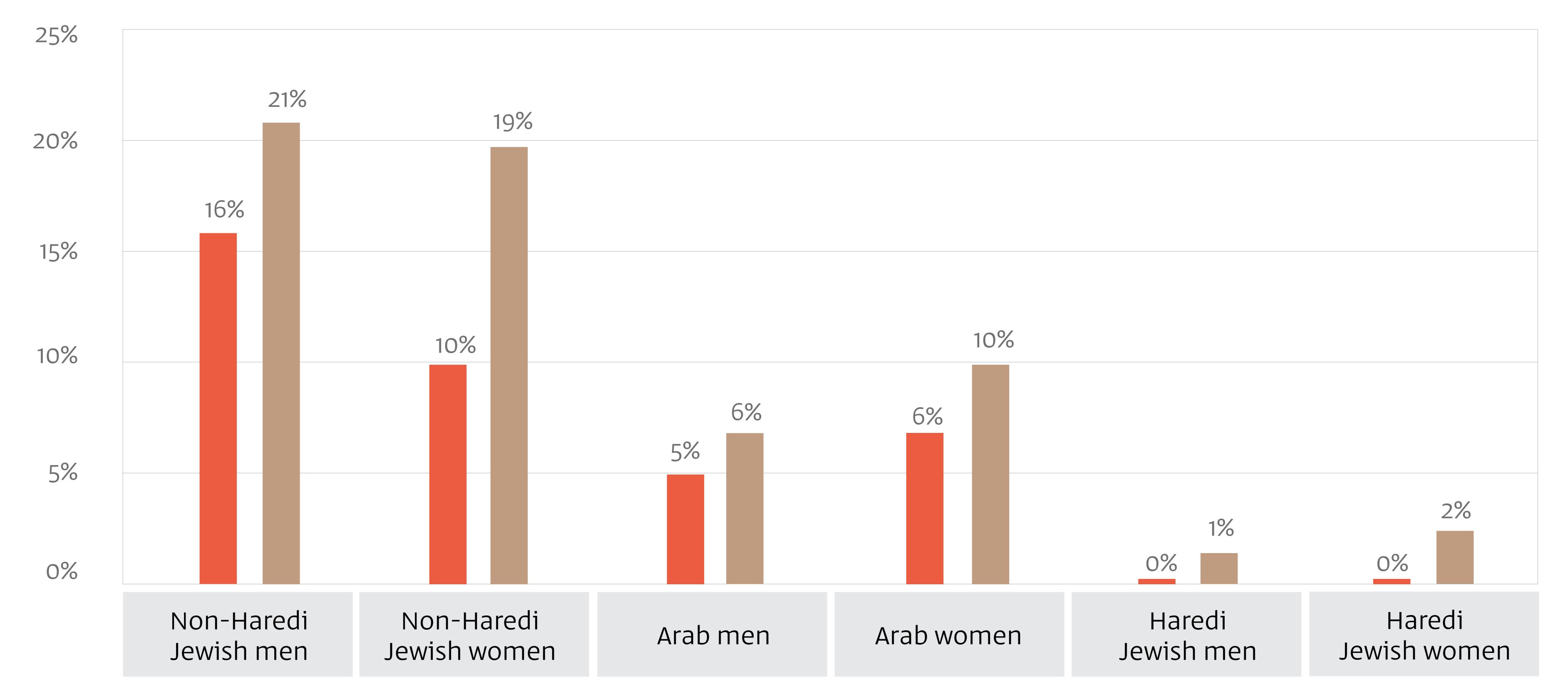




- —— Manual and physical tasks
- —— Non-routine cognitive analytical tasks



High Tech Matriculation and Five-Unit Mathematics





* High-tech matriculation — 5 units mathematics, 5 units English, 5 units in physics or computer sciences

Source: Niron Hashai, Sergei Sumkin, Ronen Nir, What Skills are Required of High-tech Workers?, Reichman University, Aaron Institute for Economic Policy, 2022.

Mathematical Thinking in School Model

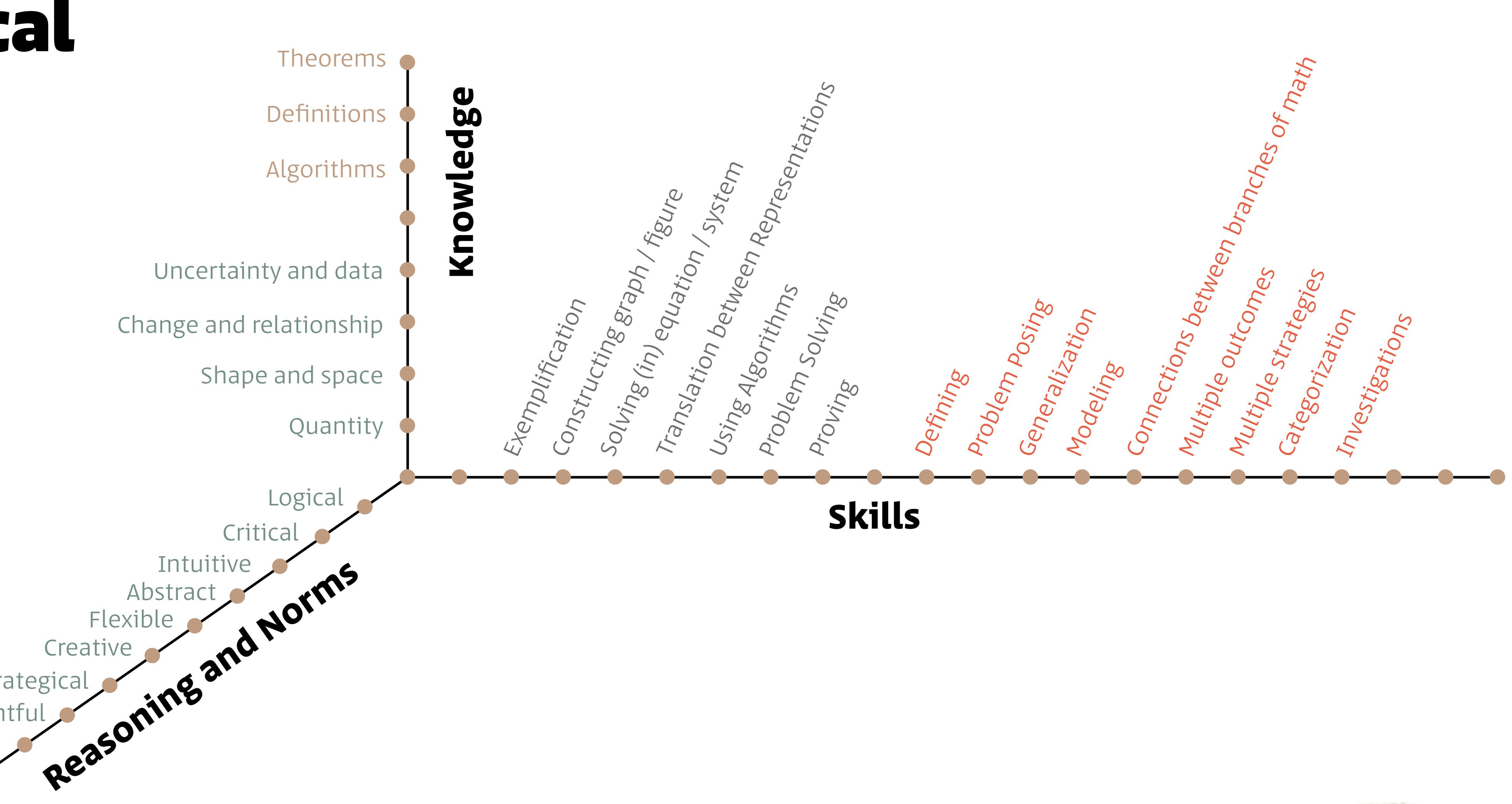
Strategical

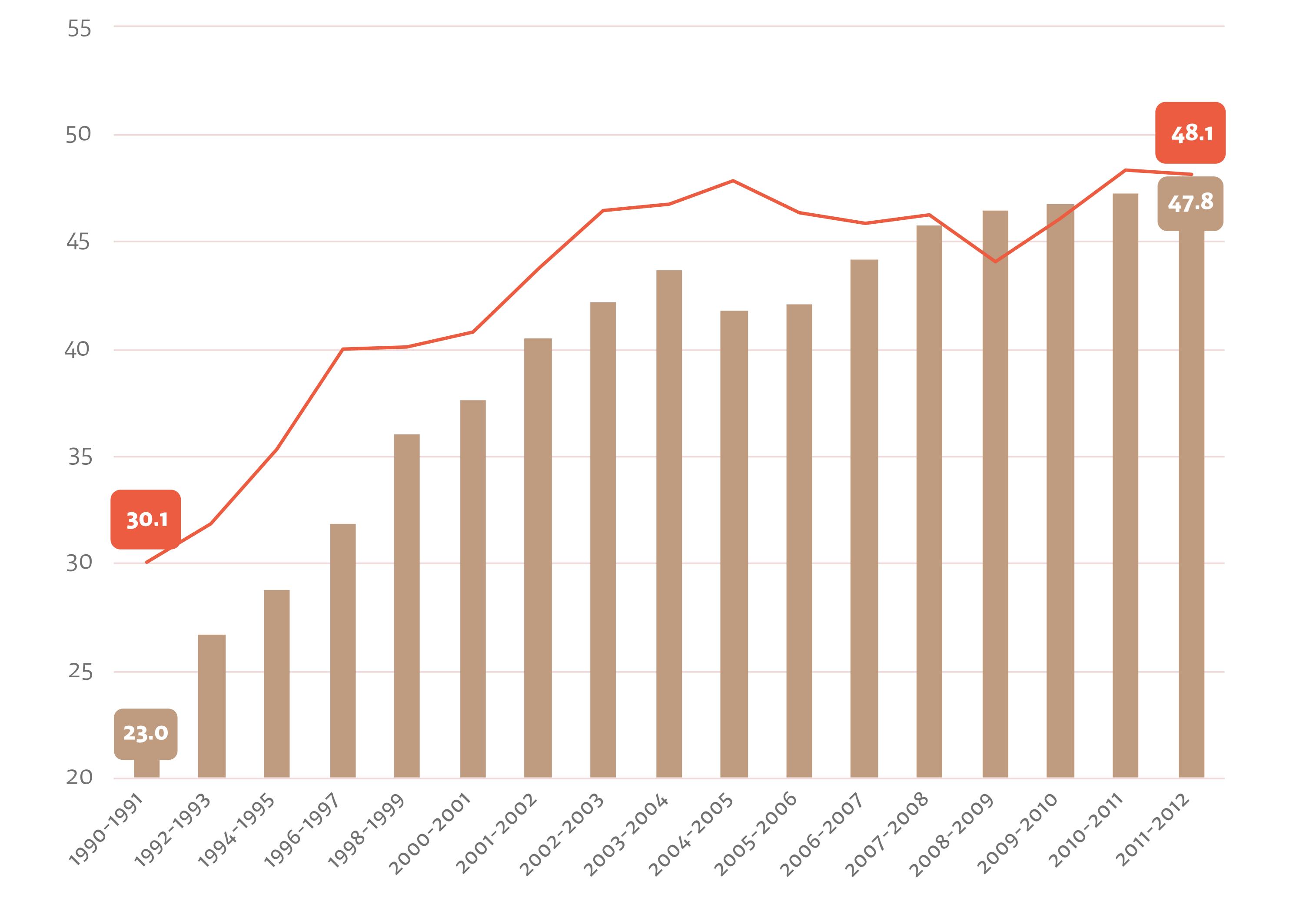
Insightful

Justification

Preciseness

Connectedness
Consistency

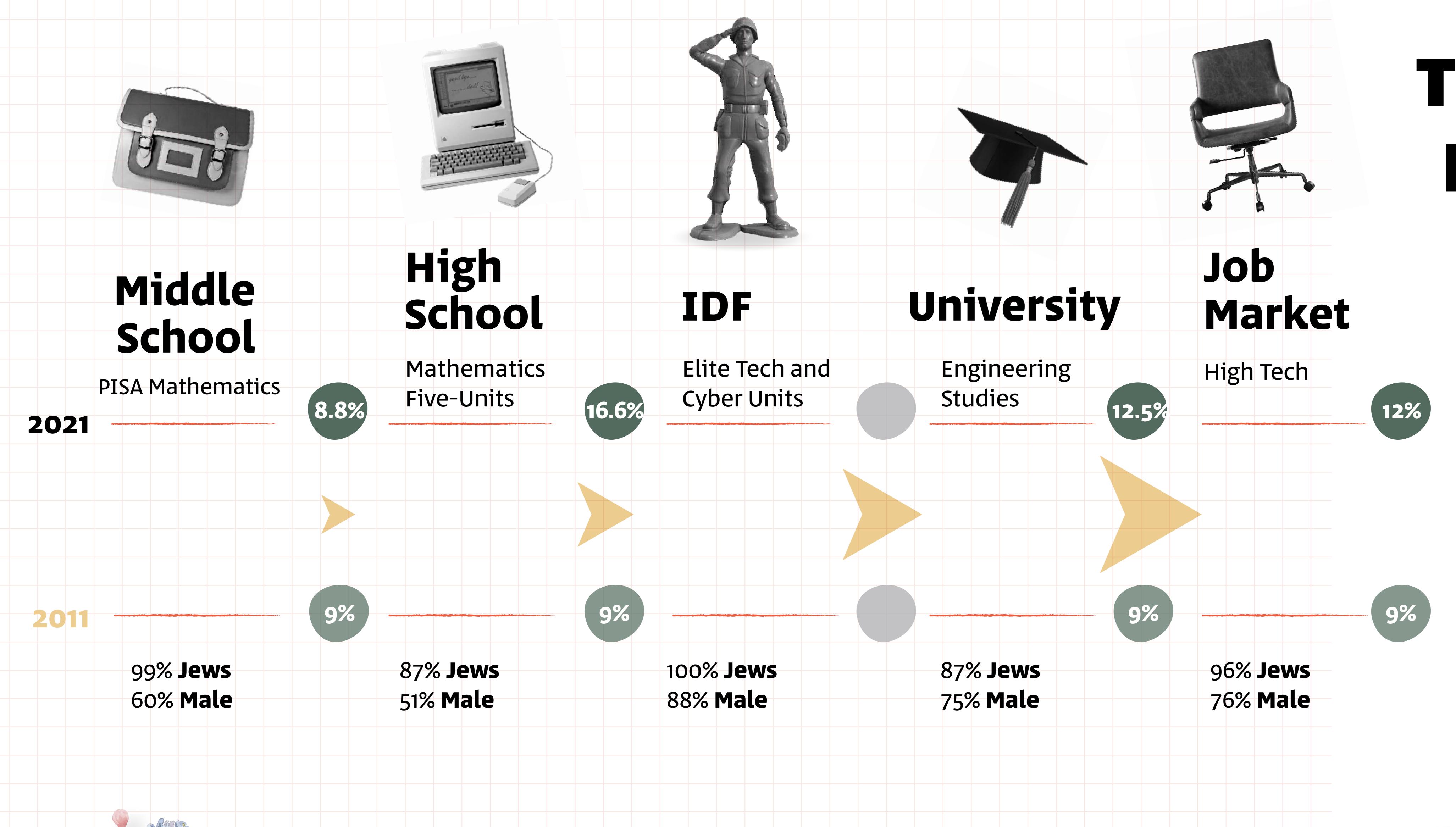




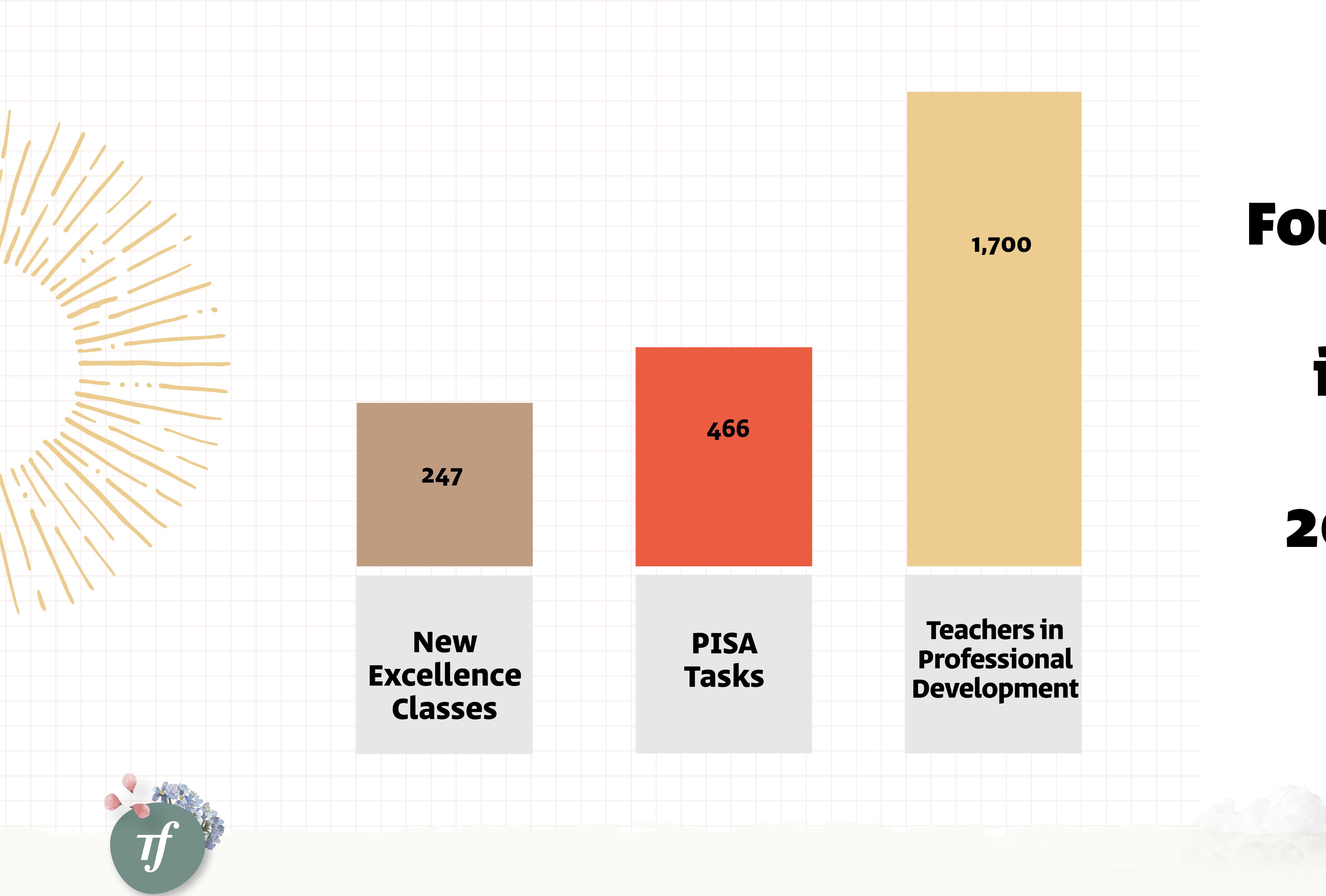
Access to Education 1990-2012

University StudentsHigh School Graduates





The Path of Excellence in Israel



Trump Foundation Activity in Middle School 2018-2022