

# Glossary: Human resources in science and technology (HRST)

Statistics Explained

**Human resources in science and technology**, abbreviated as **HRST**, refers to those persons who fulfil **one or the other** of the following conditions:

- successfully **completed education** at the **third level**
  - **not formally qualified as above**, but **employed in a S&T occupation** where the above qualifications are normally required.

## Related abbreviations in statistical reporting

- *HRSTE*: human resources in science and technology by level of education. Those people who have successfully completed a tertiary level education (until 2013, [ISCED97](#) - levels 5A, 5B, 6; starting with 2014, [ISCED2011](#) - levels 5 to 8);
- *HRSTO*: human resources in science and technology by occupation. Those people not formally qualified as above but employed in a S&T occupation where the above qualifications are normally required ([ISCO-08](#) major groups 2 and 3);
- *HRSTC*: human resources in science and technology - core. Those people who have successfully completed a tertiary level education **AND** are employed in a S&T occupation;
- *SE*: scientists and engineers. Those people who work in ISCO-08 groups 21 Science and engineering professionals, 22 Health professionals, 25 Information and communications technology professionals;
- *HRSTU*: human resources in science and technology - unemployed. Those people who have successfully completed a tertiary level education **AND** are unemployed (in any kind of job, not only in a S&T occupation);
- *NON\_HRSTU*: human resources **NOT** in science and technology - unemployed. Those people who have not fulfilled the HRST requirements **AND** are unemployed.

## Related concepts

- [Professionals group](#)
- [Technicians and associate professionals groups](#)
- [Human Resources in Science and Technology \(HRST\) stock](#)
- [Human Resources in Science and Technology \(HRST\) flow](#)

## Statistical data

- [Human resources in science and technology](#)

## Source

- [OECD/Eurostat - The measurement of scientific and technological activities; manual on the measurement of human resources devoted to S&T; Canberra Manual - OECD, Paris, 1995 \(PDF\)](#)
- [Human Resources in Science and Technology \(HRST\)](#) (ESMS metadata file — [hrst\\_esms](#))