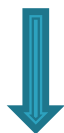


The observatory of the paths of secondary education students (OTES)

- **DGEEC**
- **OTES: Main purpose**
- **OTES: Target population:**
- **OTES: Covered dimensions**
- **OTES: Data sources**
- **OTES: Main results**

DGEEC (Directorate-General for Education and Science Statistics) is a central service of the direct administration of the State, responsible for producing the official education and science statistics in Portugal supporting the formulation of policies and strategic and operational planning of the Ministry of Education (MEdu) and the Ministry of Science, Technology and Higher Education (MCTES),



DEGADI (Division of Studies and Data Access Management for Research):

- ✓ To promote studies relevant to Education, Science, Technology and Higher Education statistics;
- ✓ To develop and implement surveys on academic and professional insertion paths, e.g.:

OTES

Context:

This project was launched in 2006, to cover the need to follow student trajectories in and out of the upper secondary education level, as well as their transitions to the labor market or to higher education;

Main purpose:

Provide tools to diagnose, monitor and evaluate the education system in order to support the decision making process in local and central sub-systems of education governance, namely:

(1) produce and disseminate information on educational and occupational trajectories of secondary school students by analyzing:

- the trajectories within upper secondary education;
- the transition trajectories of upper secondary education graduates within the education system (to higher education);
- the transition trajectories of upper secondary education graduates to work, namely when and how start, type of contract, occupational categories, type of job, activity status, type of contract and professional expectations.

(2) To support the decision making process in education by:

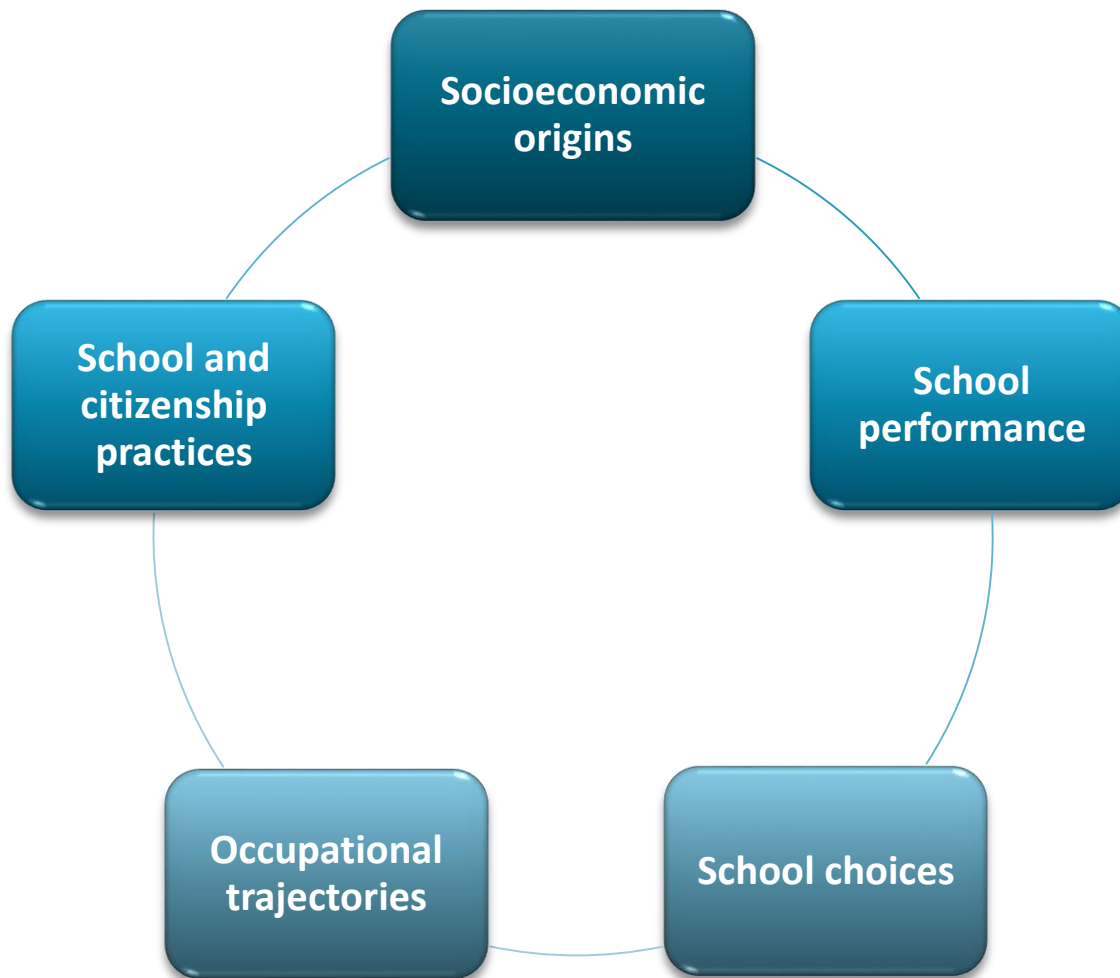
- Signaling aspects that are of strategic importance to the policy-making process and making recommendations, namely:

- Employment rates: VET students that completed upper secondary education and are currently working (regardless of studying or not);
- Employment/studies rates: VET students that completed upper secondary education and are currently working or/and studying;
- Studies follow up rate: VET students that completed upper secondary education and are currently studying (regardless of working or not);

- Providing information to support decision making (monitoring, self-evaluation and external evaluation) at the school level, namely detailed reports with the information collected from each school

- **Students of upper secondary education level, 2020 :**
 - Scientific-humanistic courses (CCH) – 63% ;
 - Professional courses (CP) – 35%;
 - Technological courses (CPP) – 2%;
 - Specialized artistic education courses (CAE) 1%.

- **Applied to students that attend public and private schools, from mainland Portugal, and since 2018/2019, was also applied in Autonomous Region of the Madeira**



OTES applies three surveys to secondary school students at different moments of their paths:

- Students starting the secondary level of secondary education

School

- Students at the end of secondary education

School

- Youth in post-secondary education

DGEEC

Longitudinal analysis

| Years of schooling | 1. st year | 2. nd year | 3. rd year | Post-secondary | |
|--------------------|-----------------------|-----------------------|-----------------------|----------------|------|
| Academic year | 2007/08 | | 2009/2010 | | 2011 |
| | | | 2008/2009 | | 2010 |
| | 2010/11 | | 2012/2013 | | 2014 |
| | | | 2011/2012 | | 2013 |
| | 2013/14 | | 2015/2016 | | 2017 |
| | | | 2014/2015 | | 2016 |
| | 2016/17 | | 2018/2019 | | 2020 |
| | | | 2017/2018 | | 2019 |
| | | | 2020/2021 | | |

Data are calibrated by using the population from the Education official statistics of each year.

Students starting the secondary education

Applied to all students enrolled in the 1.^o year of upper secondary school

Students at the end of secondary education

Applied to all students enrolled in the last year of upper secondary school

Youth in post-secondary education

Applied 14 months after the conclusion of upper secondary school

Central level

Publications

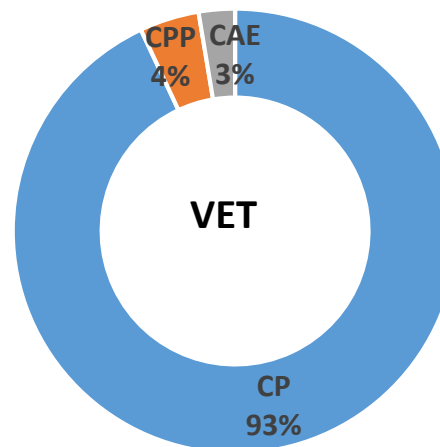
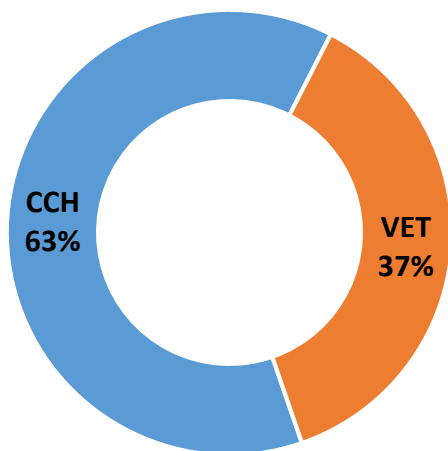
Thematic
reports

Statistical
outputs

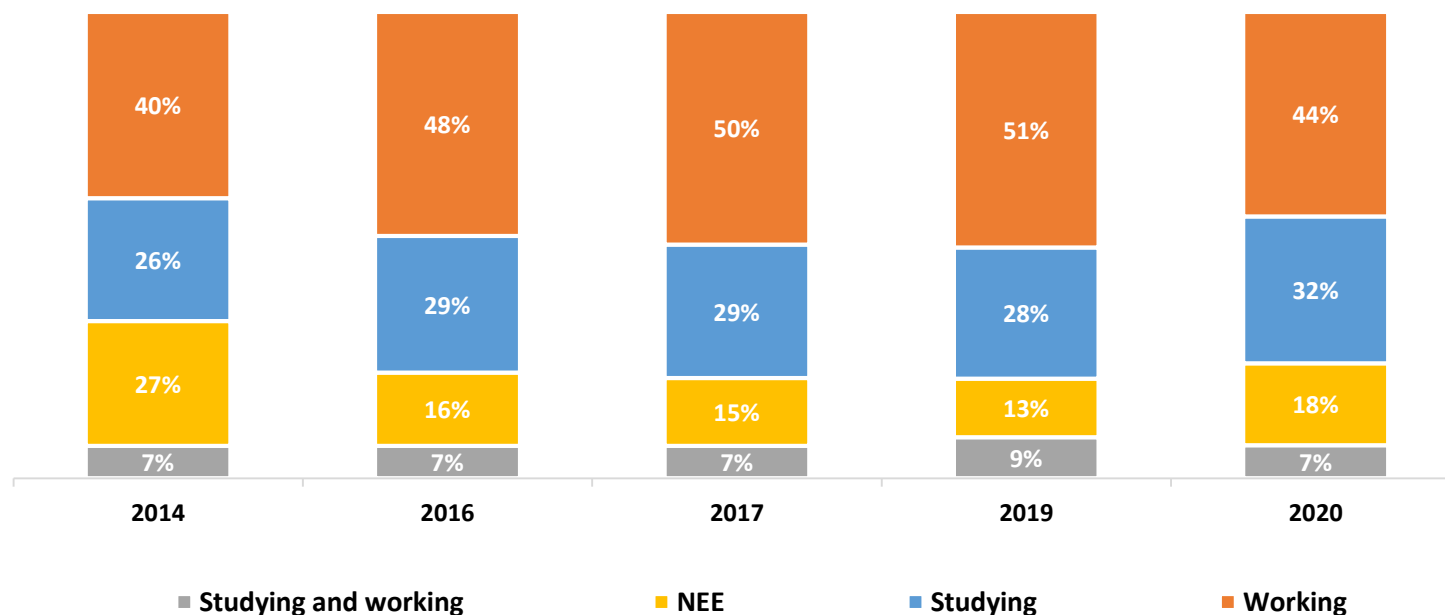
School level

School
reports

Population in post-secondary, 2020

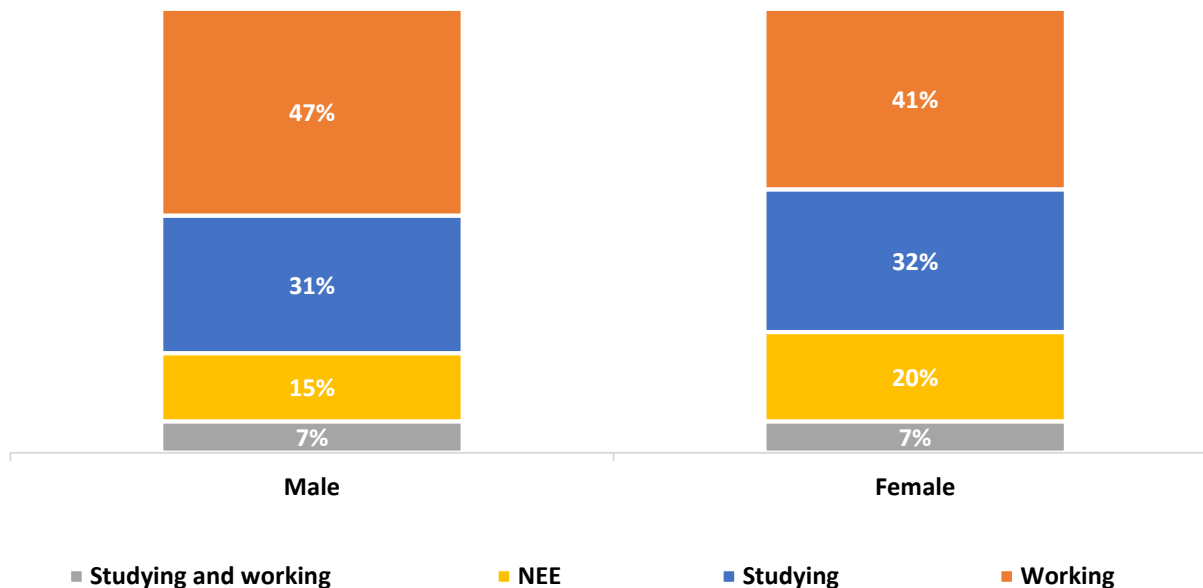


VET by activity in post-secondary, 2020



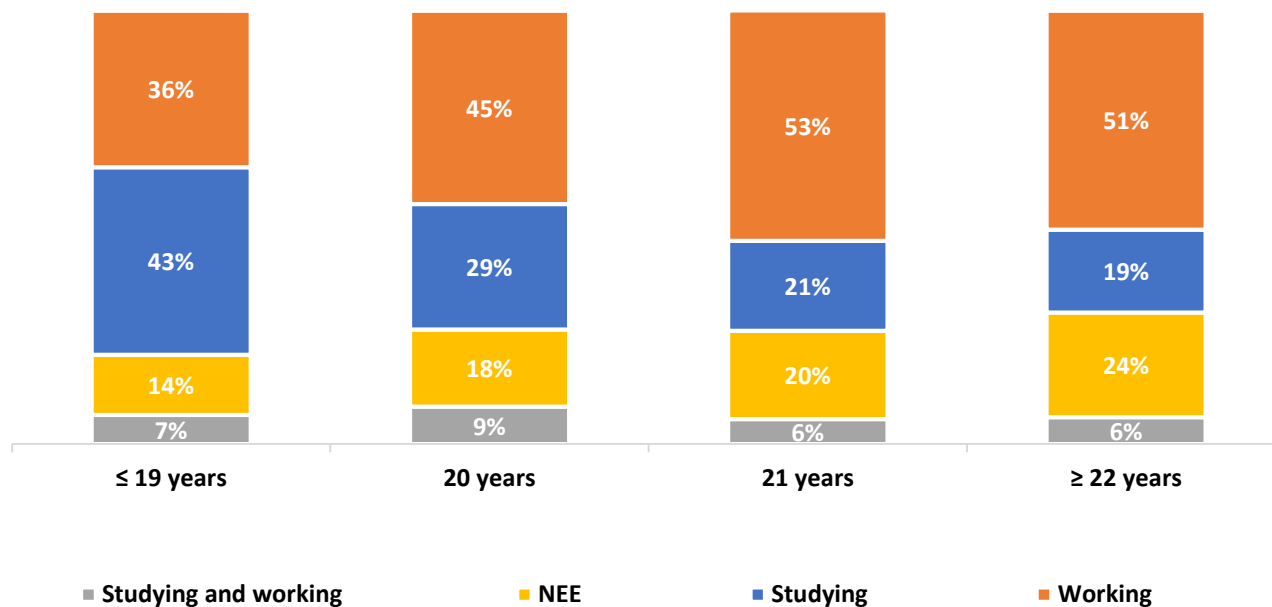
Main Results: Youth in post-secondary education

VET by activity in post-secondary by sex 2020

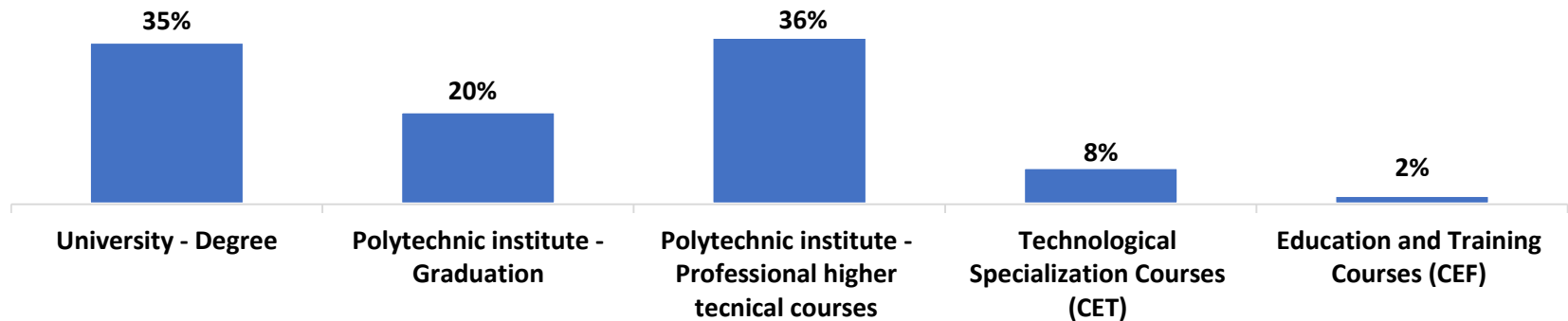


Main Results: Youth in post-secondary education

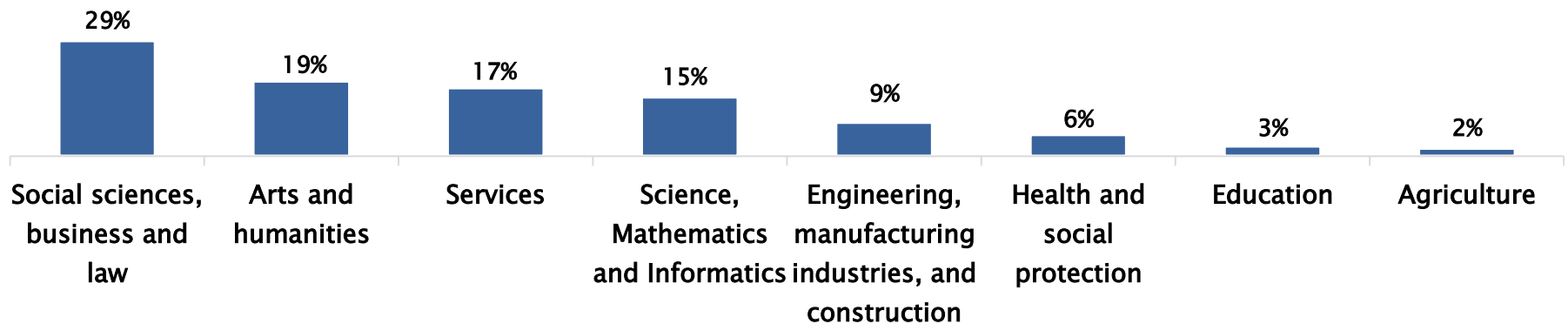
VET by activity in post-secondary by age, 2020



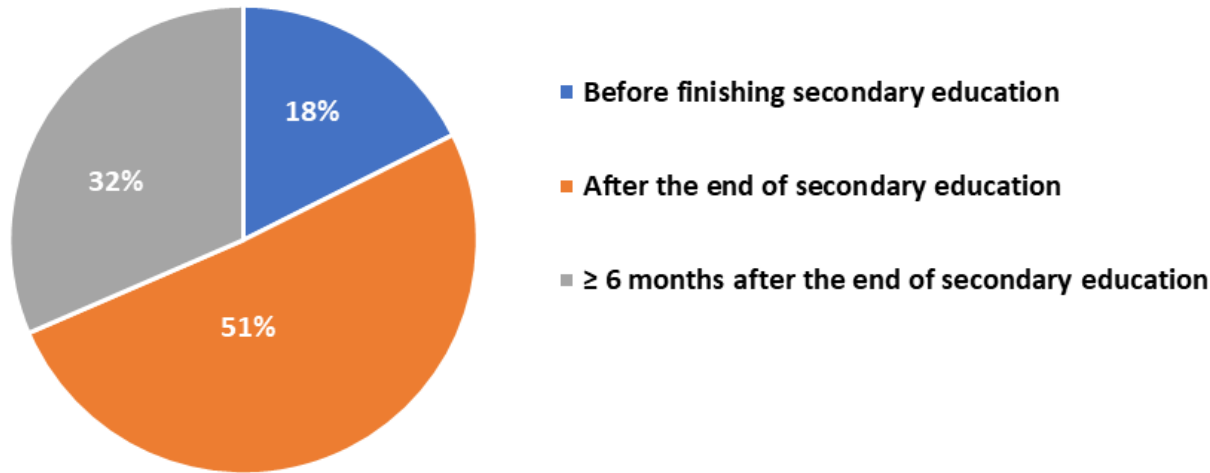
VET in post-secondary 2020 - studying, where?



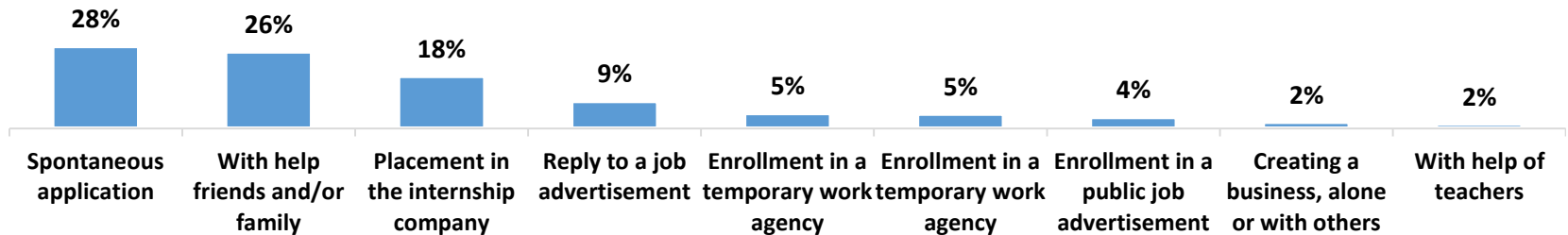
VET in post-secondary 2020 - studying, what?



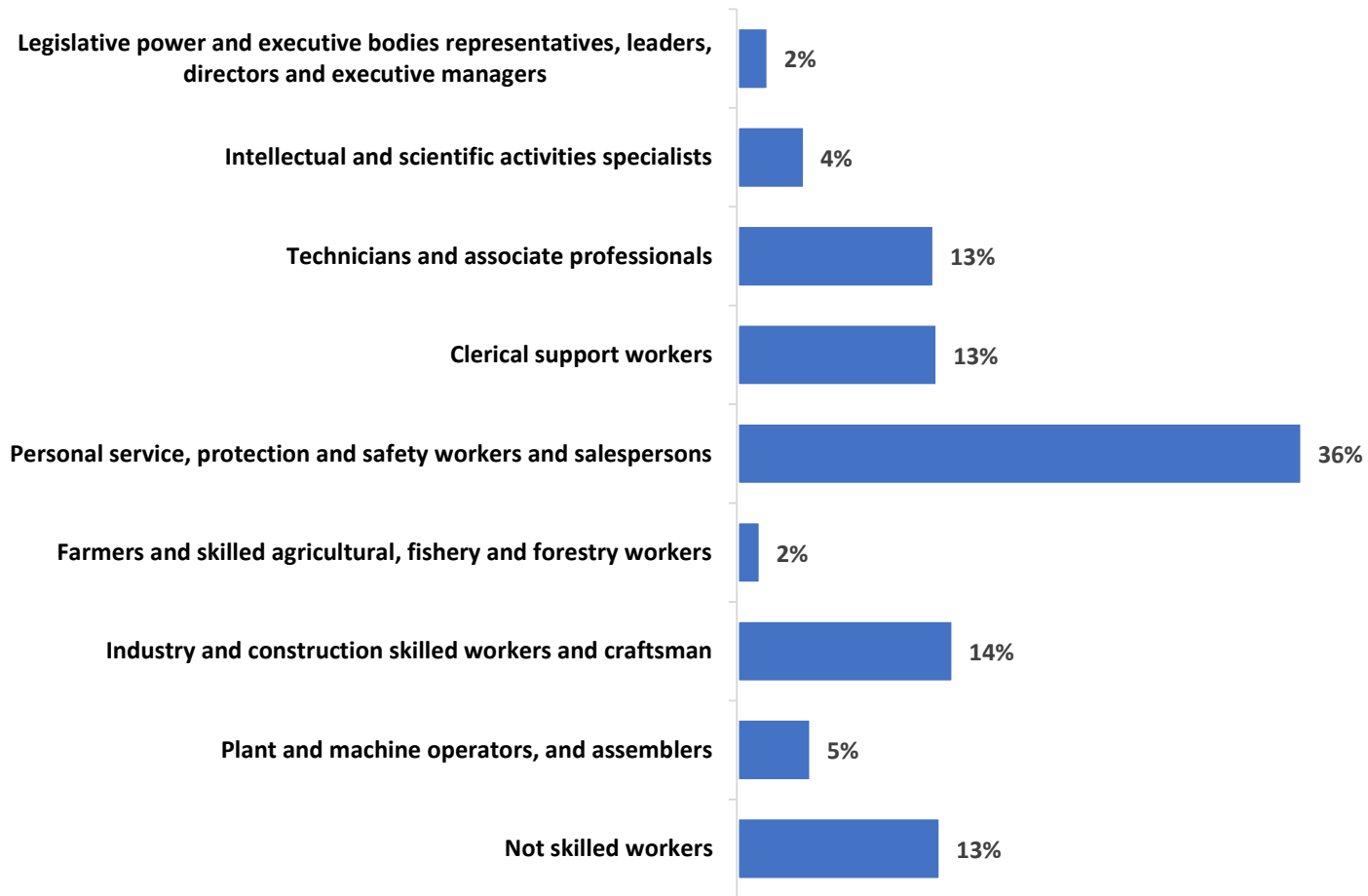
VET in post-secondary 2020 - working - When and How?



Means to find a job, 2020

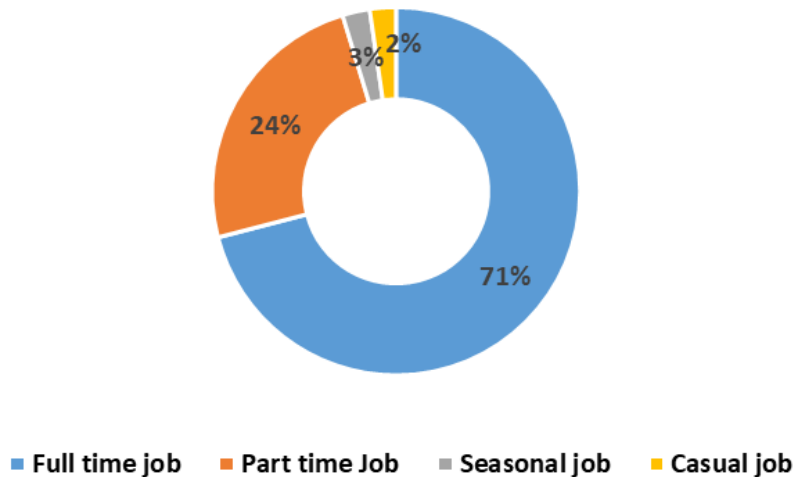


VET in post-secondary 2020 - working - Occupations

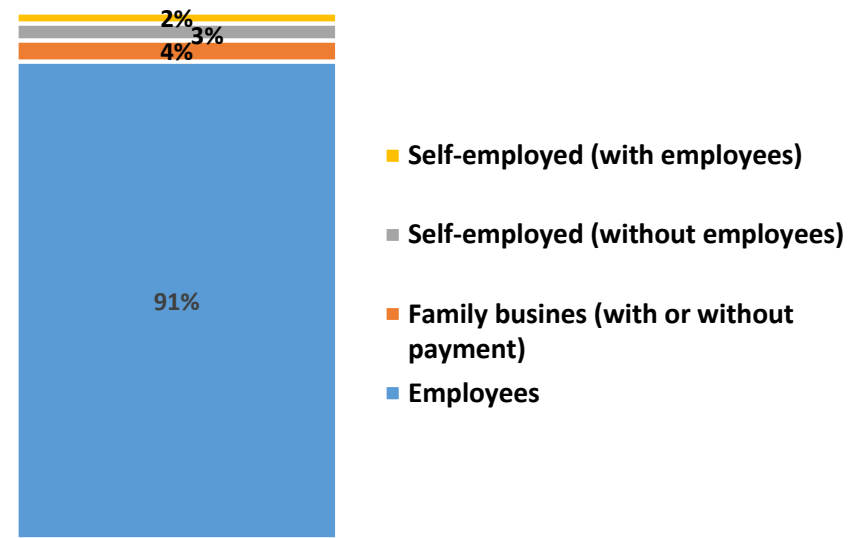


VET in post-secondary 2020 - working – type of job and activity status

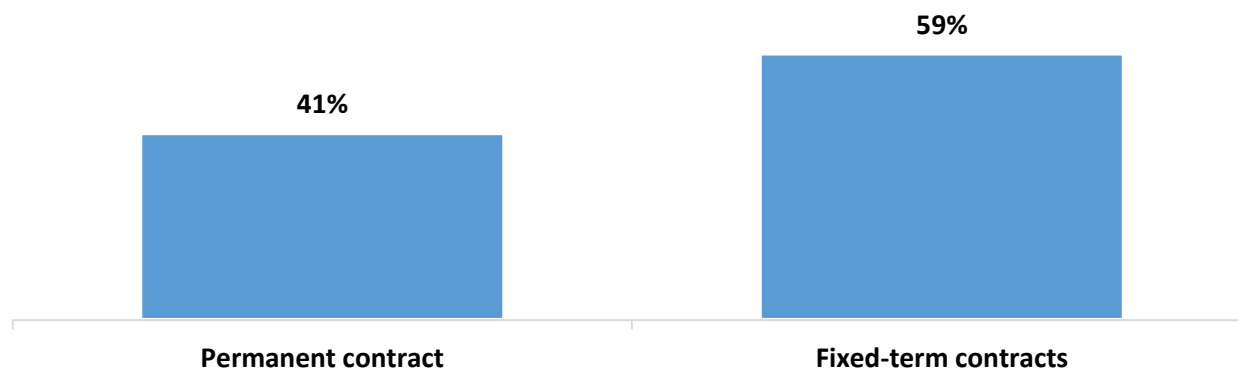
Type of job, 2020



Activity status, 2020

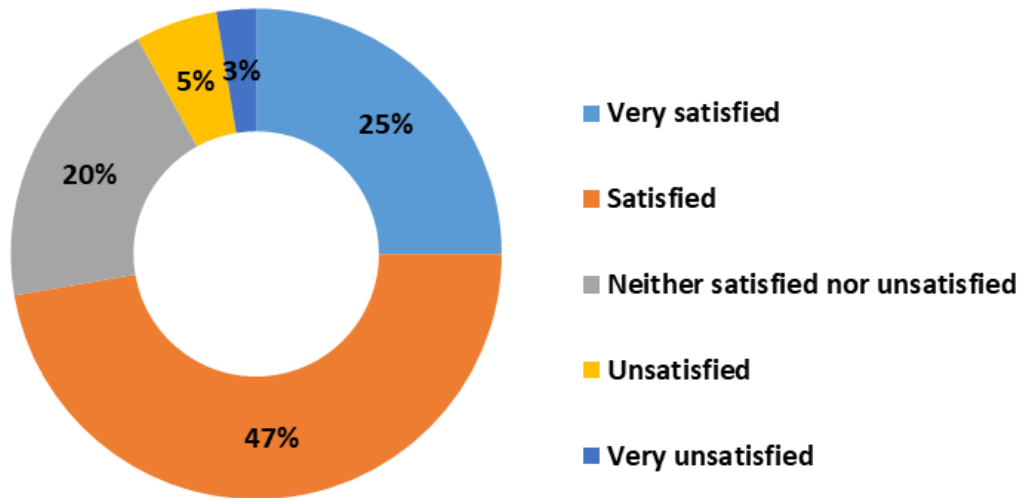


VET in post-secondary 2020 - working – type of contract

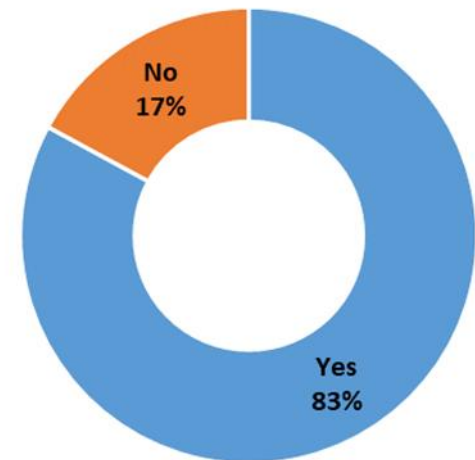


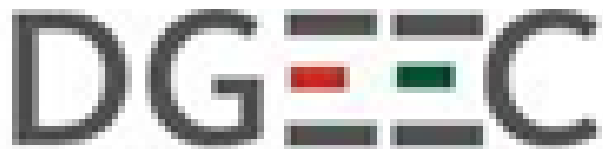
VET in post-secondary 2020 - working – professional expectations

Degree of satisfied with current job



Vet opinion, on conclusion of upper secondary education increased professional possibilities





DIREÇÃO-GERAL DE ESTATÍSTICAS DA EDUCAÇÃO E CIÊNCIA

Thank you | Obrigada

Main outputs available in <https://www.dgeec.mec.pt/np4/47/>