

# 5th level VET in Estonia

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AND RESEARCH









# Forestry and timber industry *OSKA findings 2016*

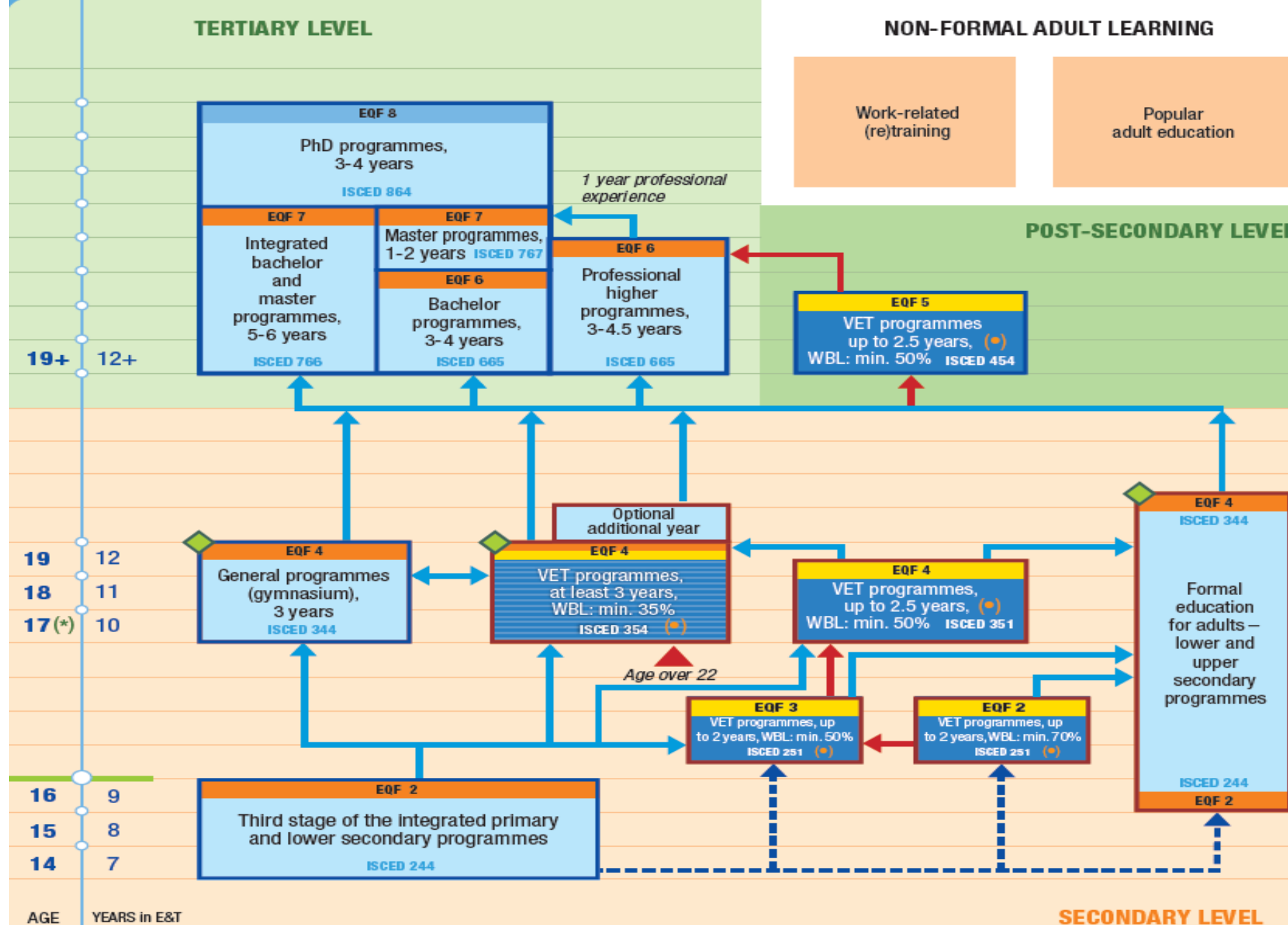
- employers expect formal education and training to prepare workers who are able to see the 'big picture' and can quickly contribute to the workforce
- schools should increase the share of sectorspecific ICT training in the forestry and timber industry curricula, including focusing on the development of sectoral technology competencies, and to add an overview of technologies
- increasing the workforce numbers generating higher added value



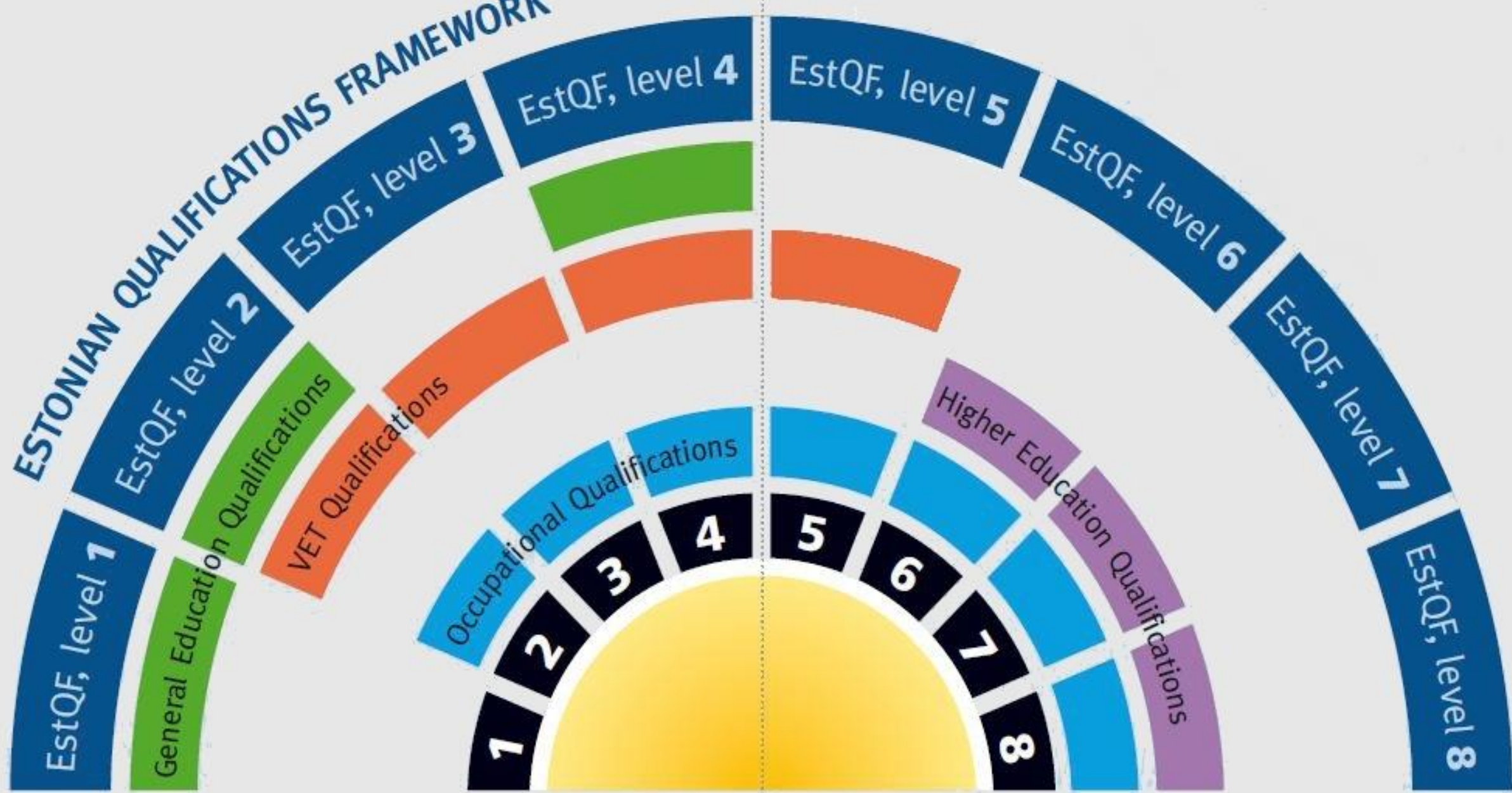
# Estonian VET

- ✓ 24 000 students
- ✓ 32 VET institutions (32=26+4+2) and professional higher education institutions (5)
- ✓ main areas – services and technical fields, production and construction
- ✓ ca 2,100 teachers, 48% of them over 50 years old and 8% under the 30
- ✓ Legal framework –  
Vocational Educational Institutions Act  
Standard of Vocational Education





# ESTONIAN QUALIFICATIONS FRAMEWORK



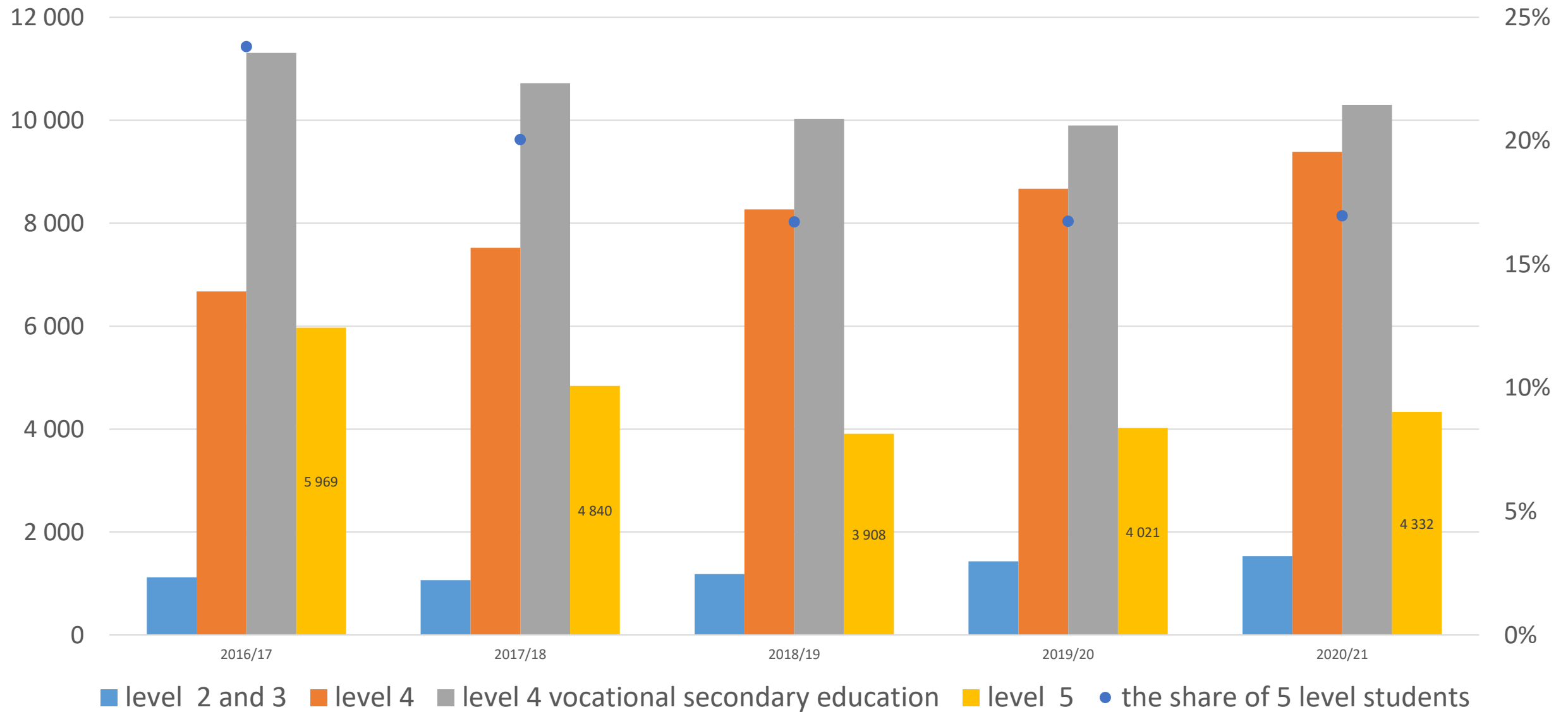


VET qualifications till 01.09.2013	Levels of Estonian qualification framework	VET qualifications since 01.09.2013
	1	
Vocational education without the requirement for basic education	2	2. level vocational education
Vocational education based on basic education	3	3. level vocational education
Vocational secondary education Vocational education based on secondary education	4	4. level vocational education (incl. vocational secondary education)
	5	5. level vocational education
	6	
	7	
	8	

	Types of vocational training						
	Level 2	Level 3	Level 4			Level 5	
	Initial training	Initial training	Initial training		Continuing training	Initial training	Continuing training
Vocational secondary education							
Educational requirements for commencing studies	none	none	Basic education *  Persons without basic education and at least 22 y	Basic education	Basic education plus competences required for level 4 qualifications	Secondary education	Secondary education plus the competences required for level 4 or 5 qualifications
Study volume in credit points	30-120	30-120	180  Exceptions expanding the study volumes will be stipulated in national curriculums	30-150  Music and performance art curriculums up to 180	15-60	60-150  Military and internal security curriculums ranging between 60-150	15-60
Ratio of practical work and assignments	at least 70%	at least 50%	at least 35%	at least 50%	at least 50%	at least 50%	at least 50%
Opportunities for further study	Obtaining basic education *  General or vocational secondary education or entry level 4 vocational training *  Level 3 vocational training	Obtaining basic education *  General or vocational secondary education or entry level 4 initial vocational training *  Persons without basic education and at least 22 years of age Vocational secondary education	Level 4 or 5 vocational education continuing training *  General education studies lasting 1 year  Professional higher education or bachelors studies	Level 4 vocational education continuing training *  General or vocational secondary education *  If secondary education has been acquired – level 5 vocational training or professional higher education or bachelor studies	General or vocational secondary education *  If secondary education has been acquired – level 5 vocational training or professional higher education or bachelor studies	Level 5 vocational education continuing training *  Professional higher education or bachelors studies	Professional higher education or bachelors studies
Corresponding labour market requirement	Manual labourers	Simpler professions involving operating machines and devices, less complex skilled labourers, craftsmen and sales/service	More demanding tasks involving machines and devices, craftsmanship and skilled labour, skilled labourers in the fields of agriculture and fishing, service and administration			Intermediate level specialists, technicians and officials	Complex tasks involving machines and devices, craftsmanship and skilled labour, highly skilled labourers in the fields of



# Students by levels 2021 EHIS



# 5 th level – new category of VET

- VET Institutions Act 2013, 2019 and VET Standard 2019 amendments
- study volume in credit points  
**60-150**, continuous training **15-60 EKAP**
- WBL component **50%**

1 credit point = 26 hours spent by a student on studies upon the acquisition of skills and knowledge

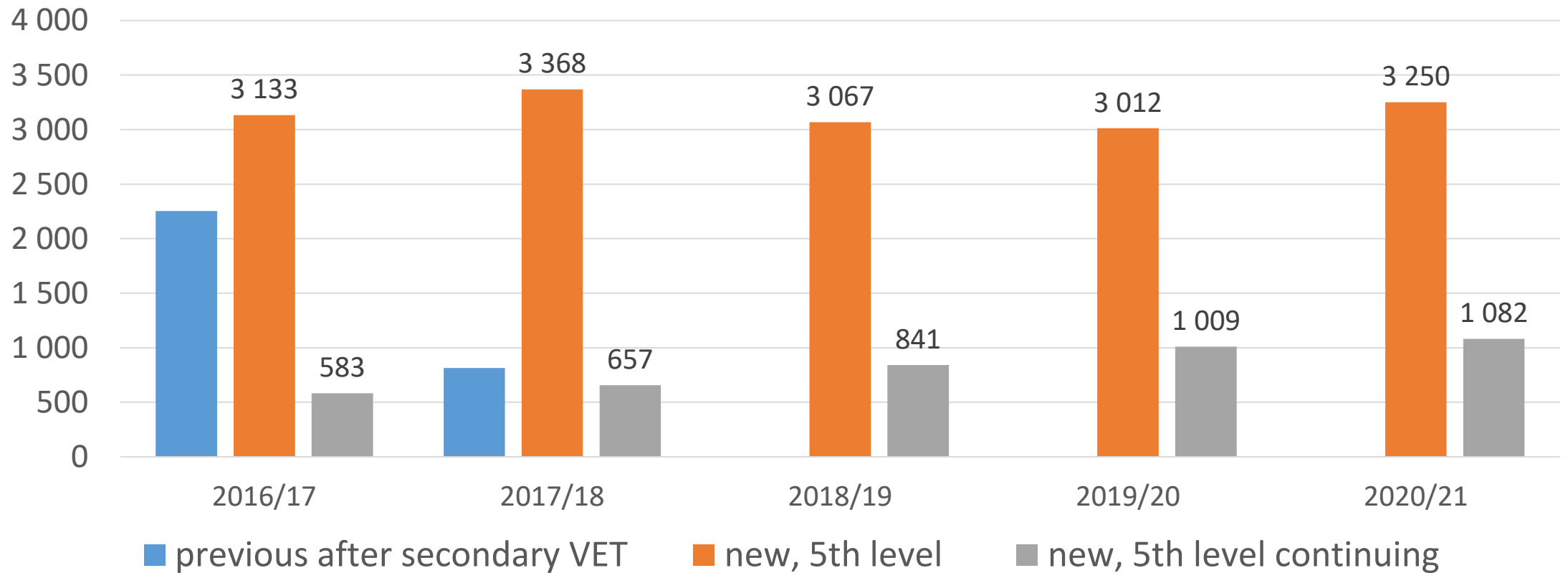
1 study year = 60 credit points





# VET after secondary education

2021 EHIS

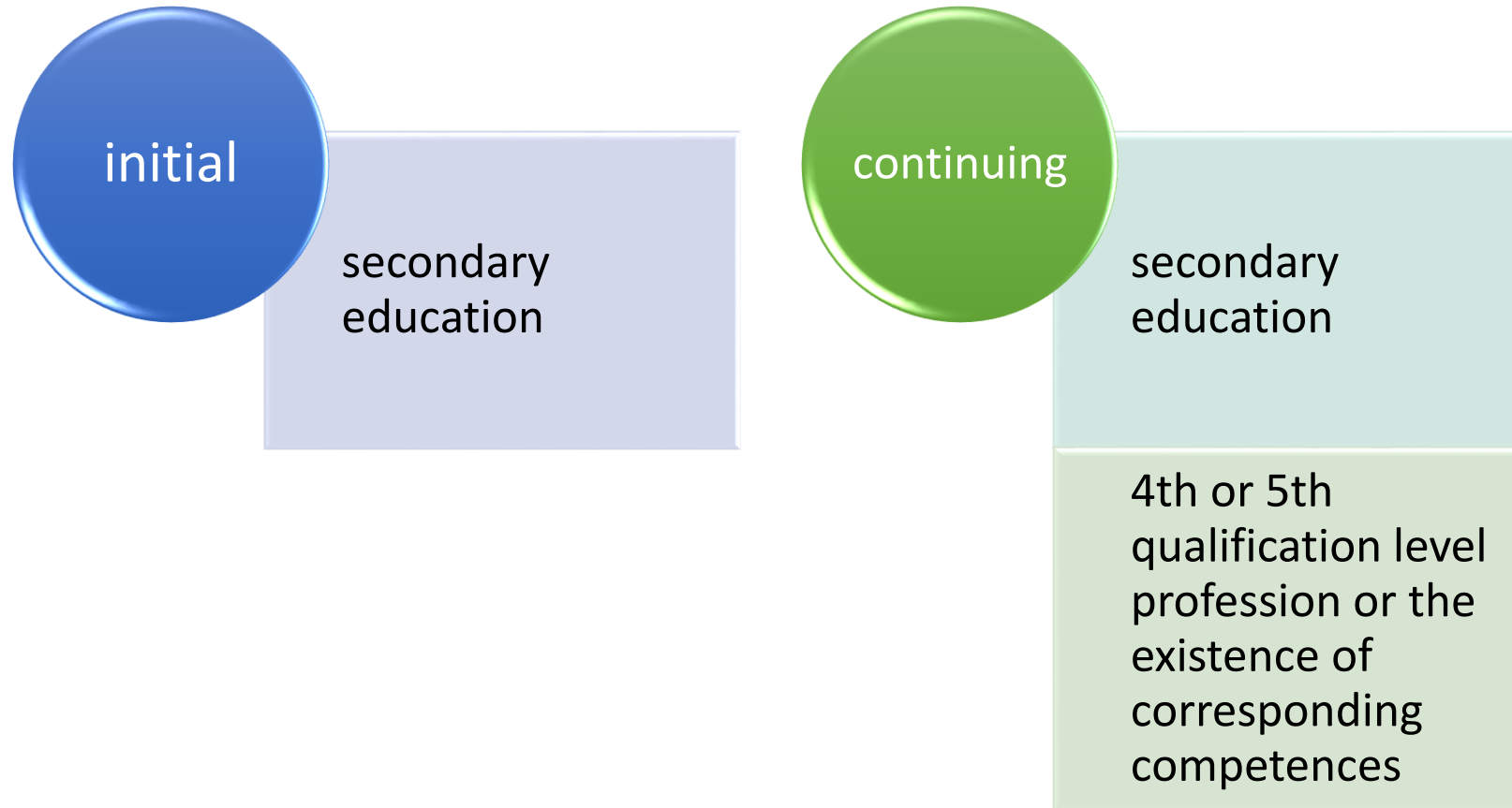


# Curricula

- fifth qualification level curricula can be opened if the right to provide instruction in the relevant curriculum group has been granted without a term
  - or if the opening of a curriculum is supported by the social partners corresponding to the curriculum group and the manager of a school
  - 5th level studies covered by [238 school curricula](#), 94 for initial
- EHIS 2021*



# Level 5 entry requirements



# Corresponding labour market requirements

- **5th level initial programs** - intermediate level specialists, technicians and officials
- **5th level continuous programs** - complex tasks involving machines and devices, craftsmanship and skilled labour, highly skilled labourers in the fields of agriculture and fishing, service and administration



# Level 5 graduates

have vocational, professional and occupational training sufficient for working as

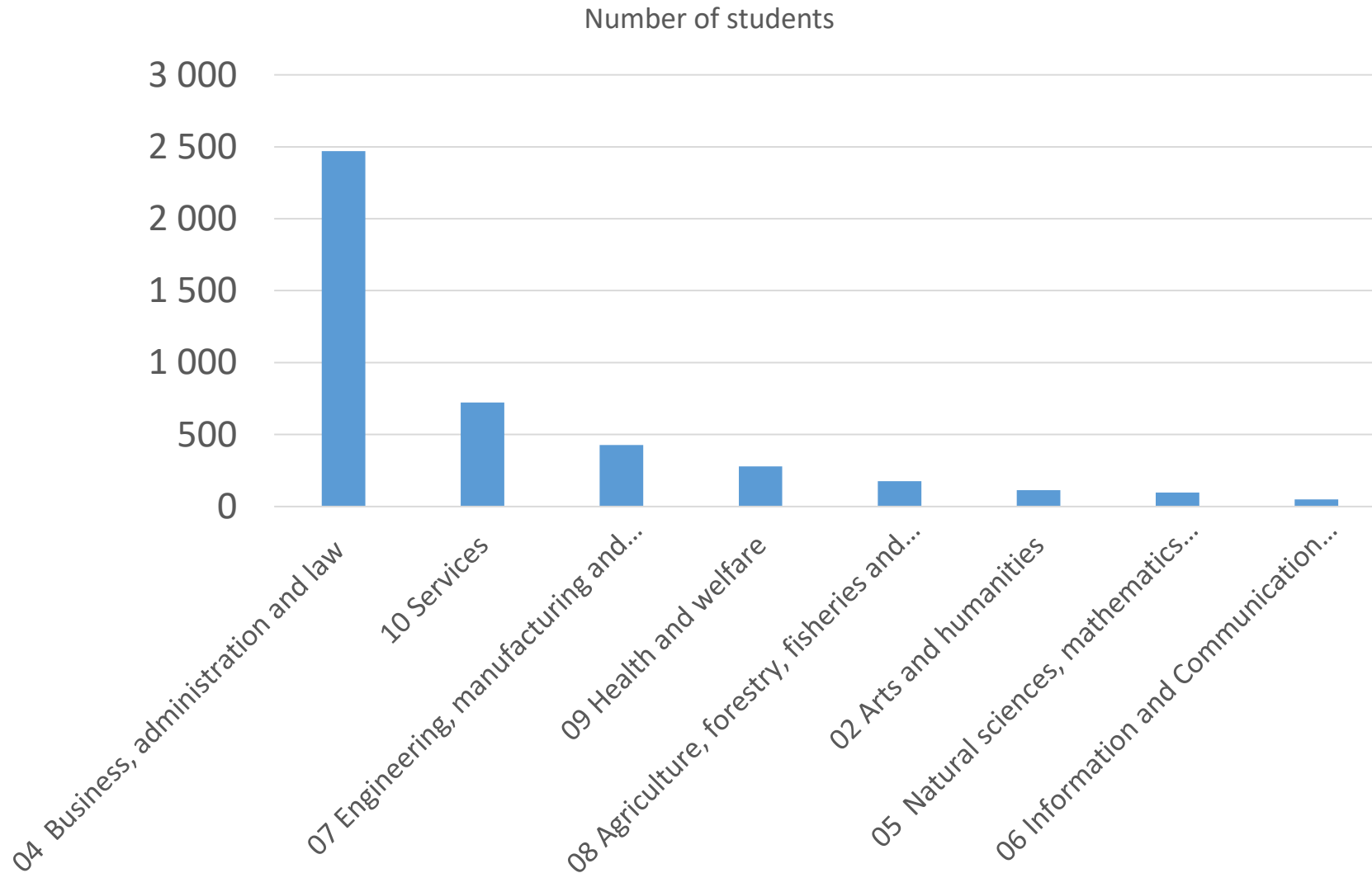
mid-level specialists and technicians or clerical support workers

more advanced professions  
plant and machine operators and assemblers, craft and related trades workers, skilled agricultural, forestry and fishery workers or service and sales workers or clerical support workers

# Popular curriculum groups

- Business and administration
  - Accounting and taxation
  - Marketing and advertising
  - Management and administration
  - Wholesale and retail sales
- Services
  - Hair and beauty services
- Engineering, manufacturing and construction
  - Materials (glass, paper, plastic and wood)
    - Wood Product Technicians..
- Health and welfare
  - Therapy and rehabilitation

# 5th level students by ISCED-F 2013 broad fields 2021 EHIS





## EQF level 5, 2019/20

initial	
Curriculum group	Number of students
Accounting and taxation	639
Management and administration	585
Marketing and advertising	461
Wholesale and retail sales	233
Therapy and rehabilitation	206
Secretarial and office work	161
Travel, tourism and leisure	155
Hair and beauty services	115
...	...
<b>Total</b>	<b>3 012</b>

continuing	
Curriculum group	Number of students
Crop and livestock production	156
Hotel, restaurants and catering	94
Management and administration	84
Forestry	82
Marketing and advertising	64
Accounting and taxation	61
Motor vehicles, ships and aircraft	58
Textiles (clothes, footwear and leather)	58
...	...
<b>Total</b>	<b>1009</b>

# Estonian Labour Market Today and Tomorrow

*Oska*

- According to the prognosis, in 2027 the number of employees will be about the same as in 2019. The number of jobs for specialists doing more complex work will increase and the number of routine jobs will decrease.
- In the future, the Estonian labour market needs smart workers who know how to implement, develop, maintain and manage technology in different fields.
- In the future, the growth is expected in more personal services. The number of jobs that require data analysis skills but also empathy and creativity will increase.
- The number of routine jobs that are easy to substitute with technology will decrease.

# Education Strategy 2035

## future challenges

- the concept of regional education centres to create new forms of study and **linking general, vocational and higher education and non-formal learning**
- facilitating transitions opportunities for learners to acquire education in smaller modules (bitesize learning, micro-credentials)
- green and digital turn in VET, 5th level curricula development
- discussions – do we need 5th level studies in higher education?





Thank You!  
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