



**Learning** today,  
**preserving** our **future**

**4th OIE Global Conference on Veterinary Education**

Implementing OIE guidelines to ensure the excellence of the veterinary profession

Bangkok (Thailand), **22-24 June 2016**

**Ana María Bravo Moral**

President EAEVE

**VETERINARY EDUCATION IN EUROPE**



**WORLD ORGANISATION FOR ANIMAL HEALTH**

*Protecting animals, preserving our future*

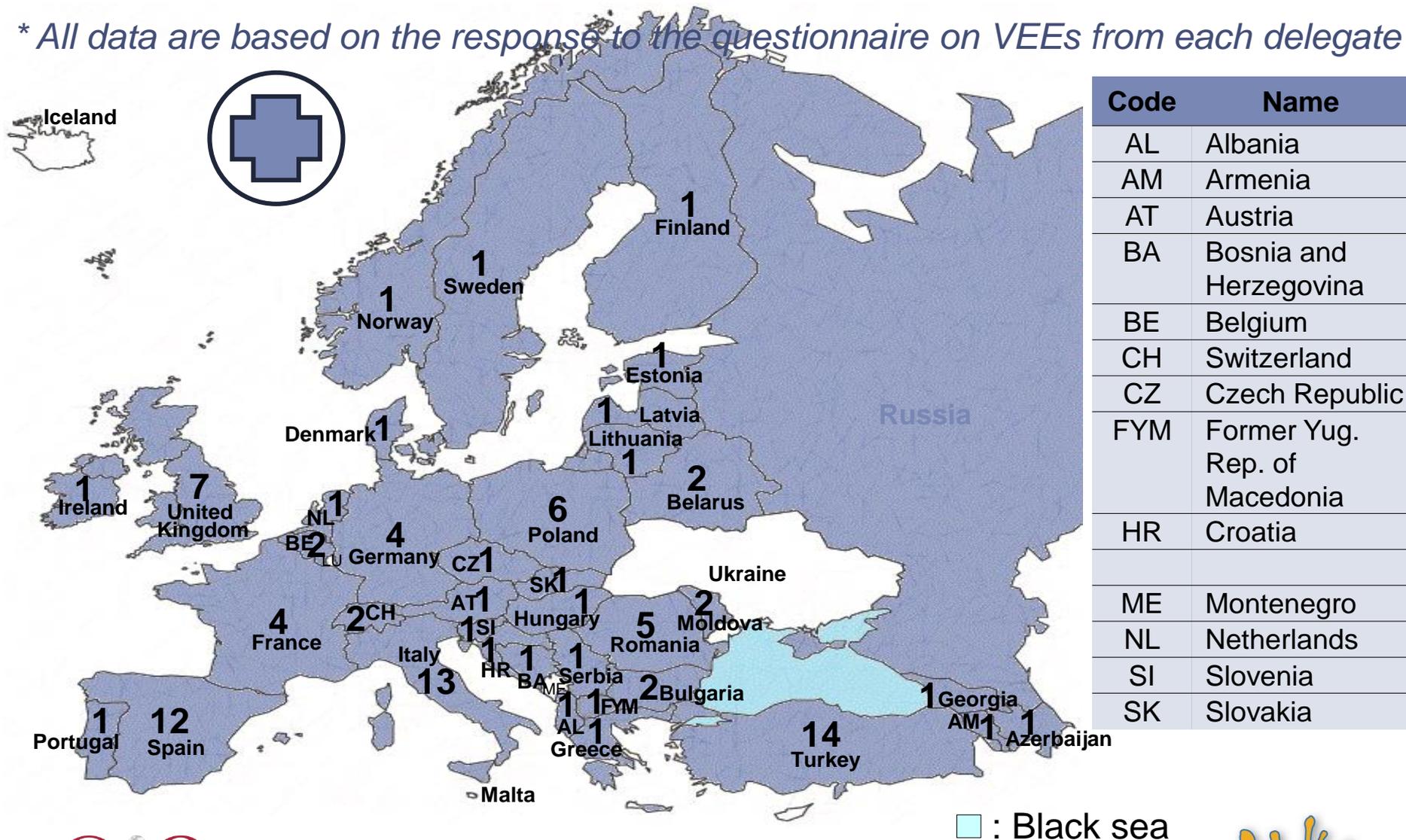
# VEEs (Europe, n=145)

*\* All data are based on the response to the questionnaire on VEEs from each delegate*



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\* All data are based on the response to the questionnaire on VEEs from each delegate



# MEMBERS OF EAEVE

MAY 2016

**Group 1. Ireland 1, The Netherlands 1, UK 7**

**Group 2. Portugal 6, Spain 11**

**Group 3. *Albania 1*, Greece 2, *Israel 1*, Italy 13, Romania 4**

**Group 4. Belgium 2, France 4**

**Group 5. Austria 1, Germany 5, *Switzerland 1***

**Group 6. Denmark 1, Estonia 1, Finland 1, Latvia 1, Lithuania 1, *Norway 1*, Sweden 1**

**Group 7. Croacia 1, Czech Republic 2, Hungary 1, Poland 4, Slovak Republic 1, Slovenia 1**

**Group 8. *Bosnia-Herzegovina 1*, Bulgaria 2, *FYROM 1*, *Turkey 13*, *Serbia 1*, *Jordan 1***

***Italics: non EU members***

## ESTABLISHMENTS

**96 in 34 countries**

**75 in EU**

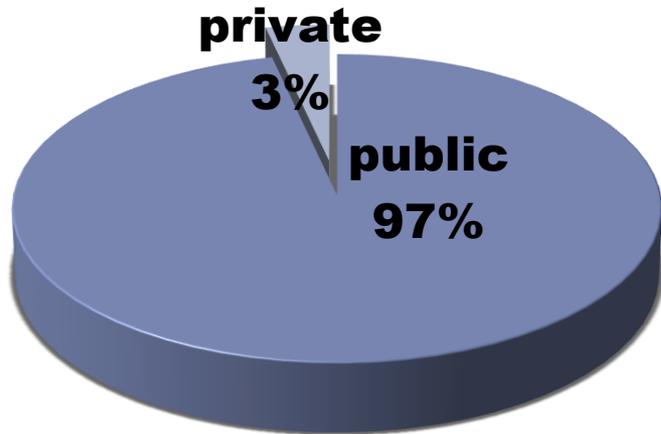


# TYPES OF VEEs

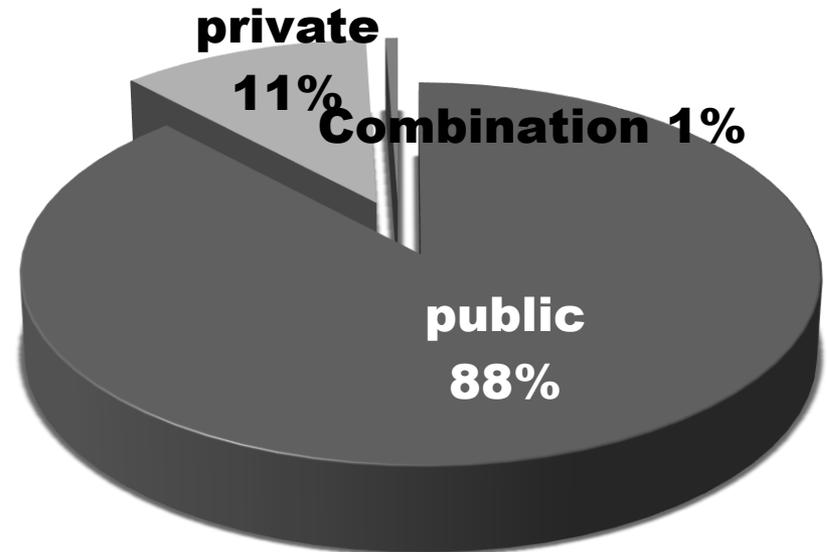
- *PUBLIC / PRIVATE / COMBINATION*

n=145

## EUROPE



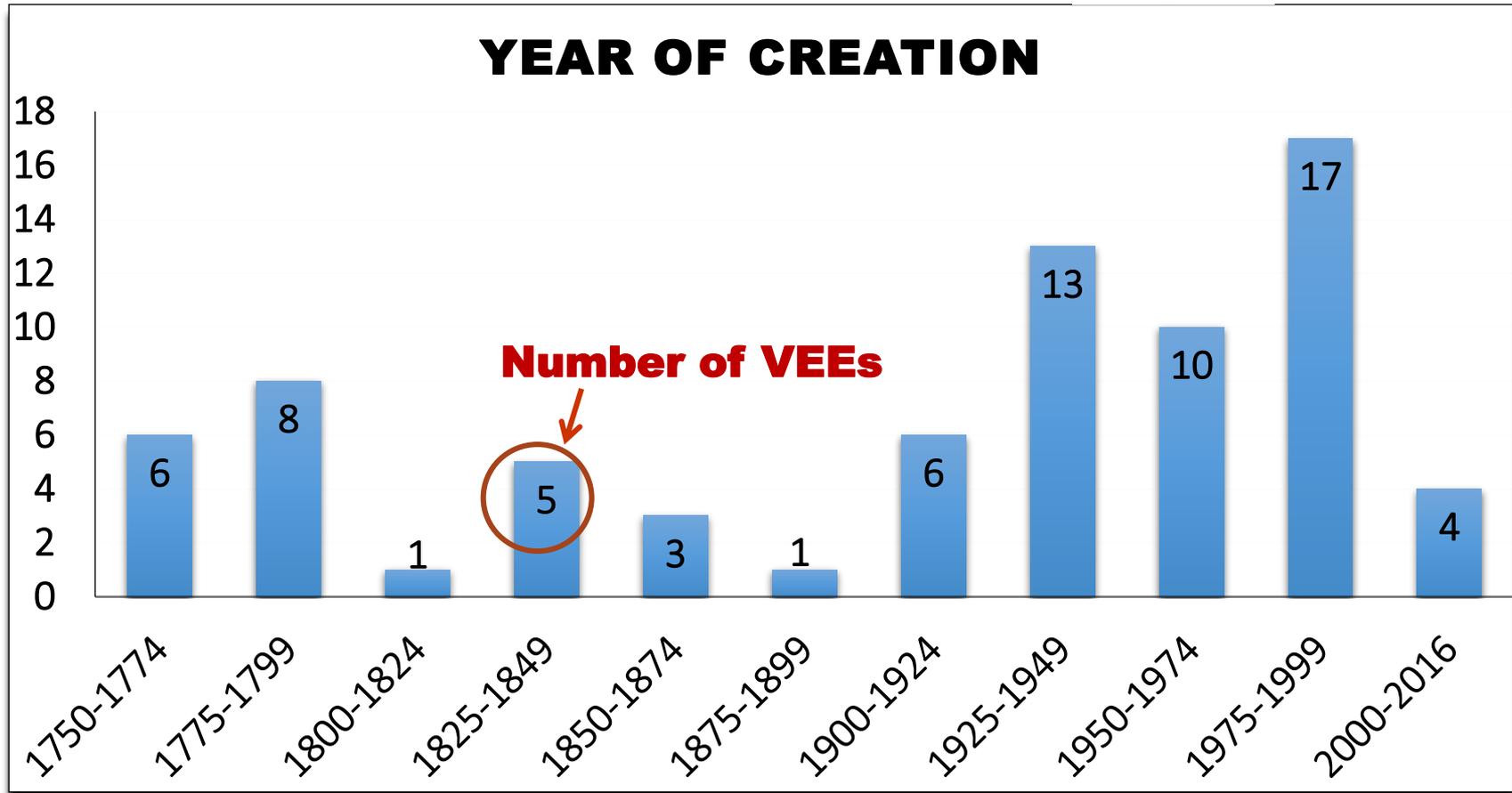
## TOTAL



# THE GROWTH OF VEEs

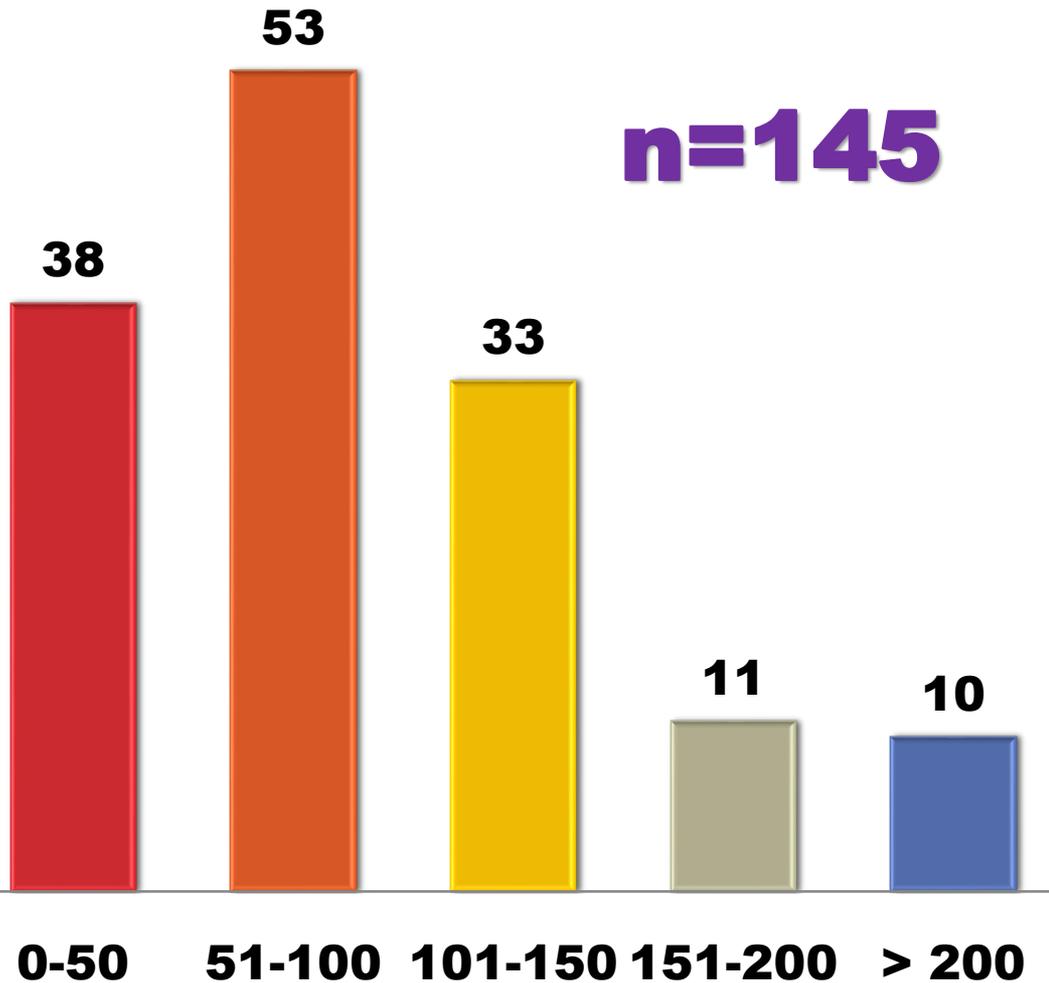


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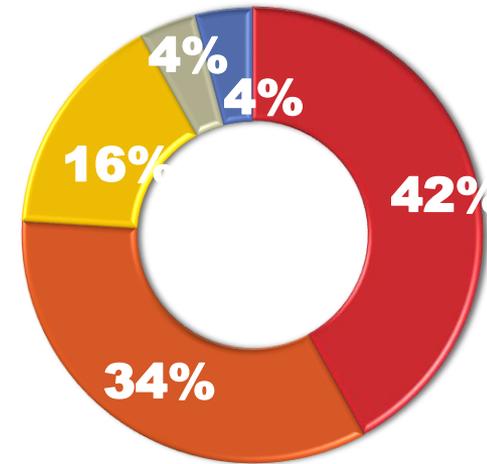


# THE SIZE OF VEEs

n=145



Worldwide figure

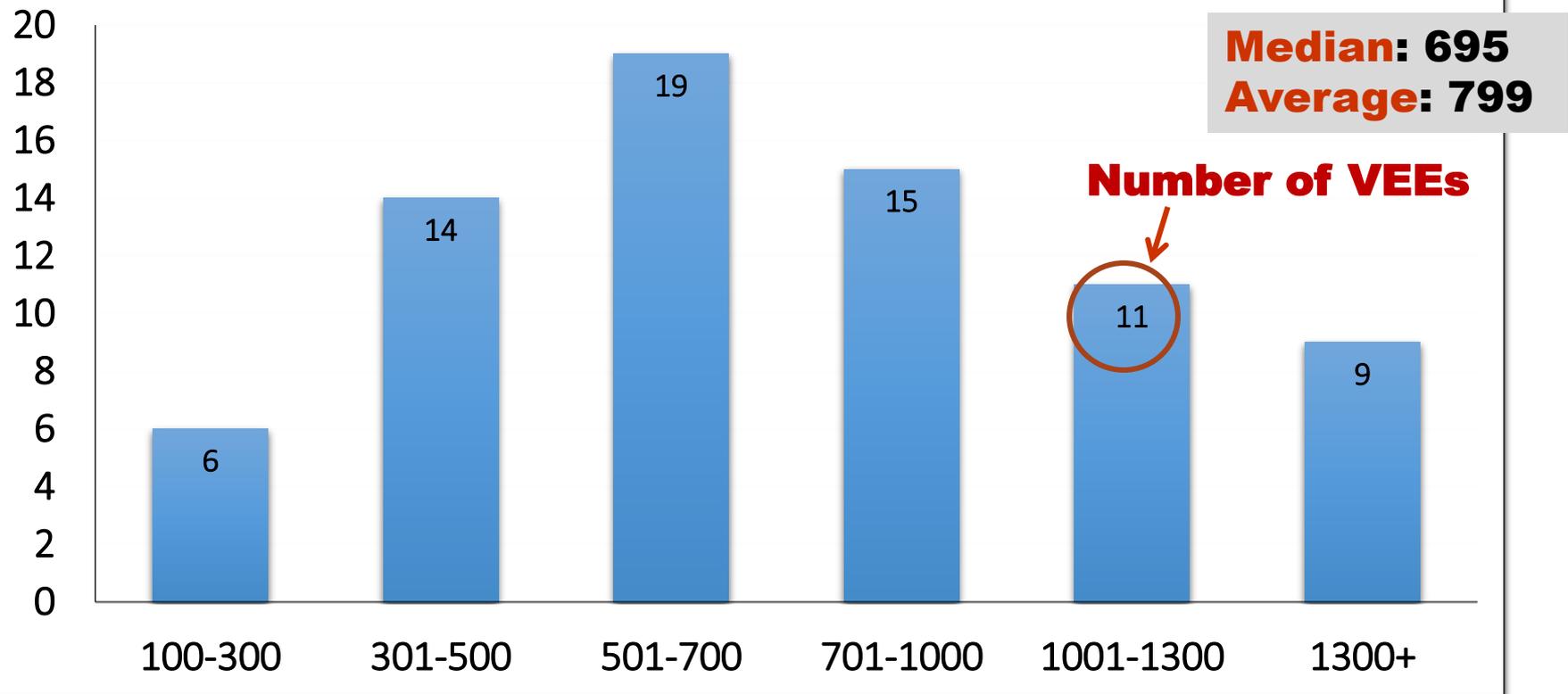


# THE SIZE OF VEEs



**n=74**

## TOTAL NUMBER OF UNDERGRADUATES



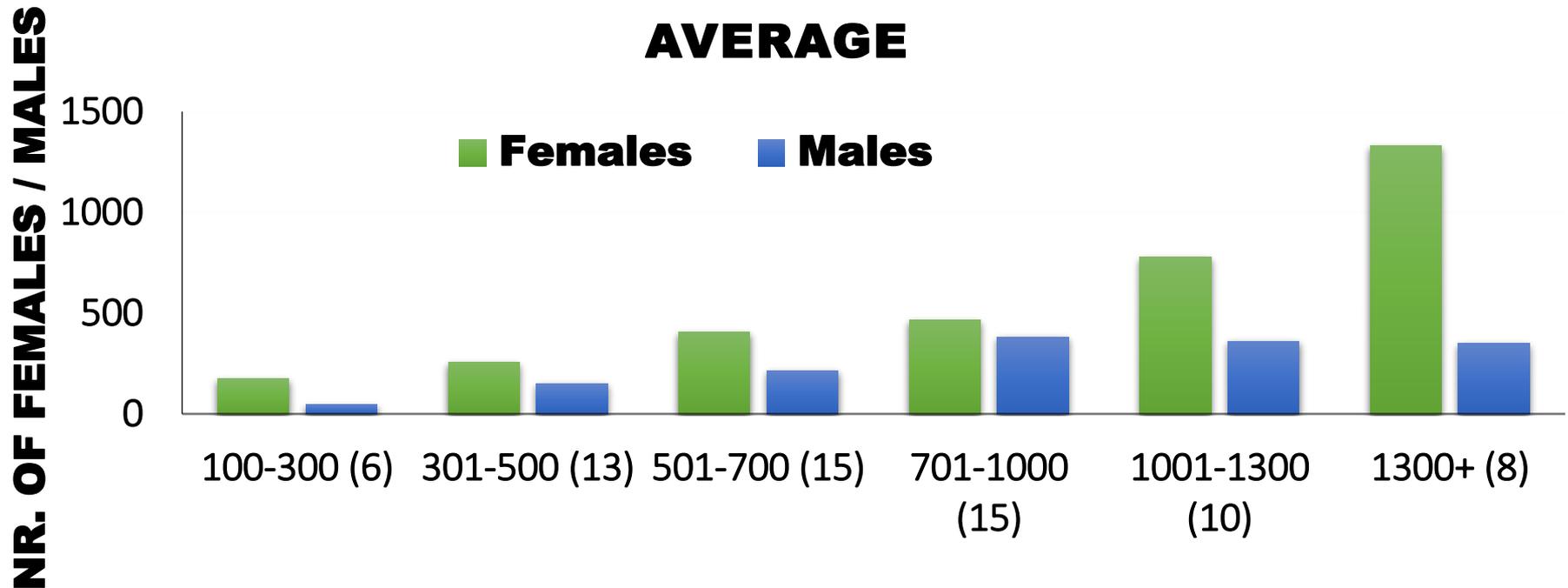
**In 5 years: SAME (63.5%), INCREASE (21.6%), DECREASE (14.9%)**

# STUDENTS' PROFILE



n=74

## DISTRIBUTION OF FEMALES & MALES - AVERAGE

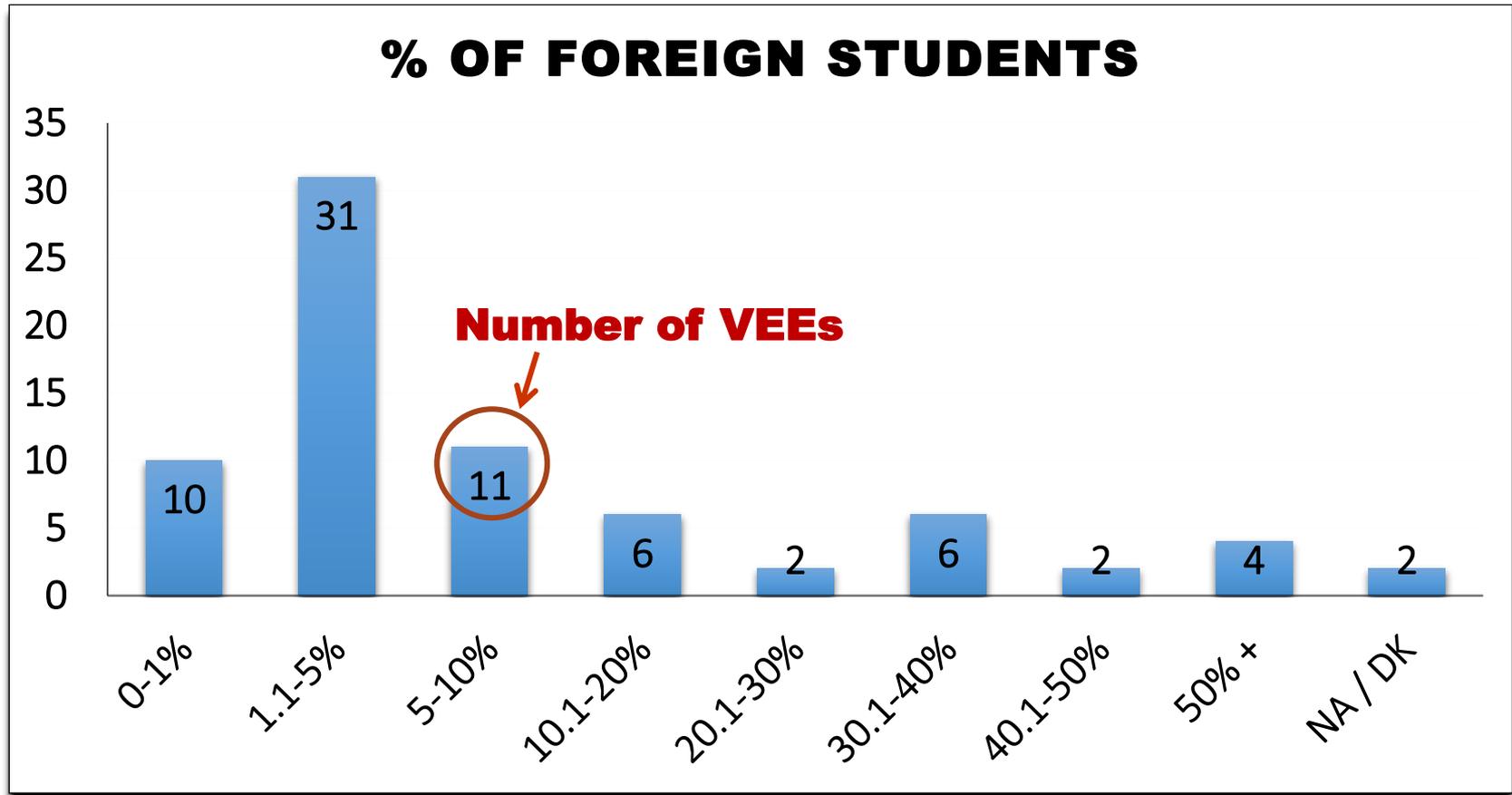


**TOTAL NR. OF UNDERGRADUATES**

# STUDENTS' PROFILE



n=74

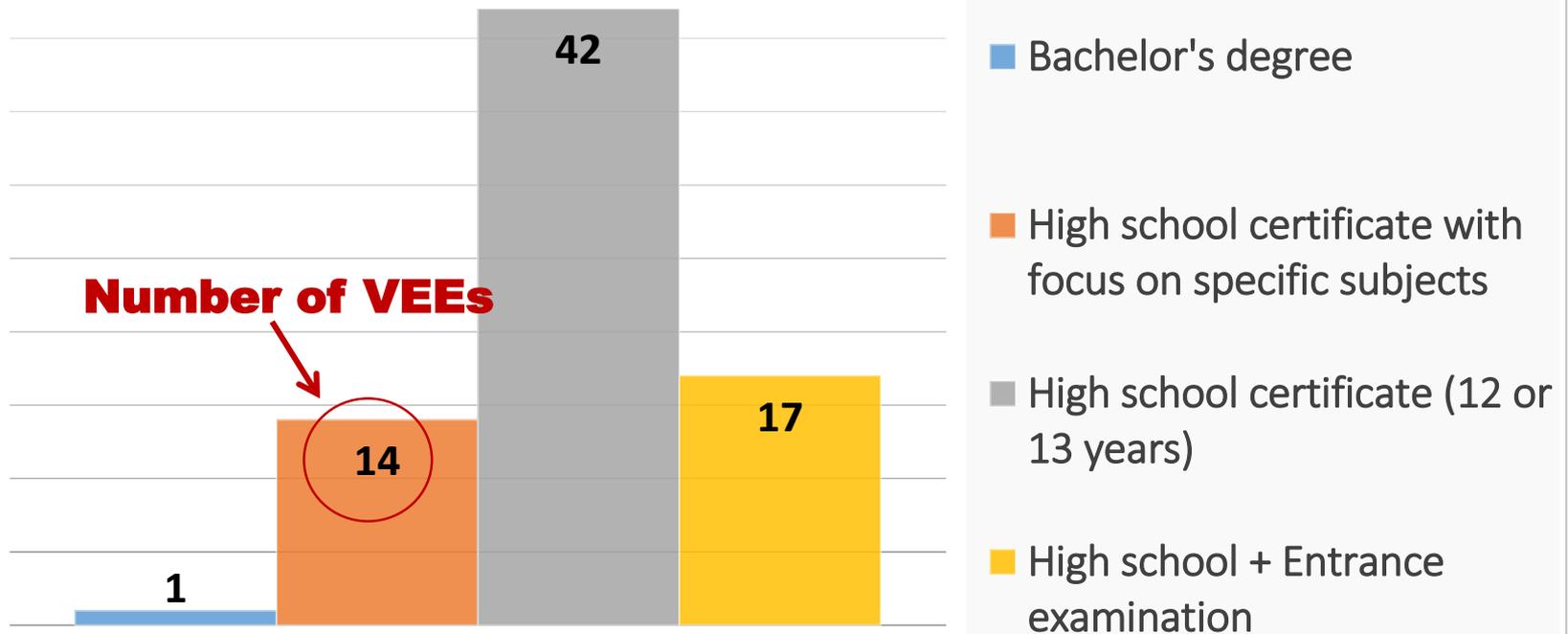


# ADMISSION REQUIREMENTS



n=74

## MINIMUM EDUCATION REQUIRED FOR ADMISSION OF NEW STUDENTS



# EU REGULATED PROFESSIONS

- 78/1026/EEC: recognition of veterinary education
- 78/1027/EEC: minimum requirements of training
- 78/1028/EEC: Advisory Committee on Veterinary Training
- 2005/36/EC: Recognition of Professional Qualifications amended by 2013/55/EU**

- **Doctors**
- **Nurses (general practice)**
- **Dental practitioners**
- **Veterinary Surgeons**
- **Midwives**
- **Pharmacists**
- **Architects**



1985 TO DATE

**ESEVT**

**(EAEVE + FVE)**

# DIRECTIVES 2005/36/EC & 2013/55/EU

L 354/132

EN

Official Journal of the European Union

28.12.2013

**DIRECTIVE 2013/55/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
of 20 November 2013**

**amending Directive 2005/36/EC on the recognition of professional qualifications and Regulation (EU) No 1024/2012 on administrative cooperation through the Internal Market Information System ('the IMI Regulation')**

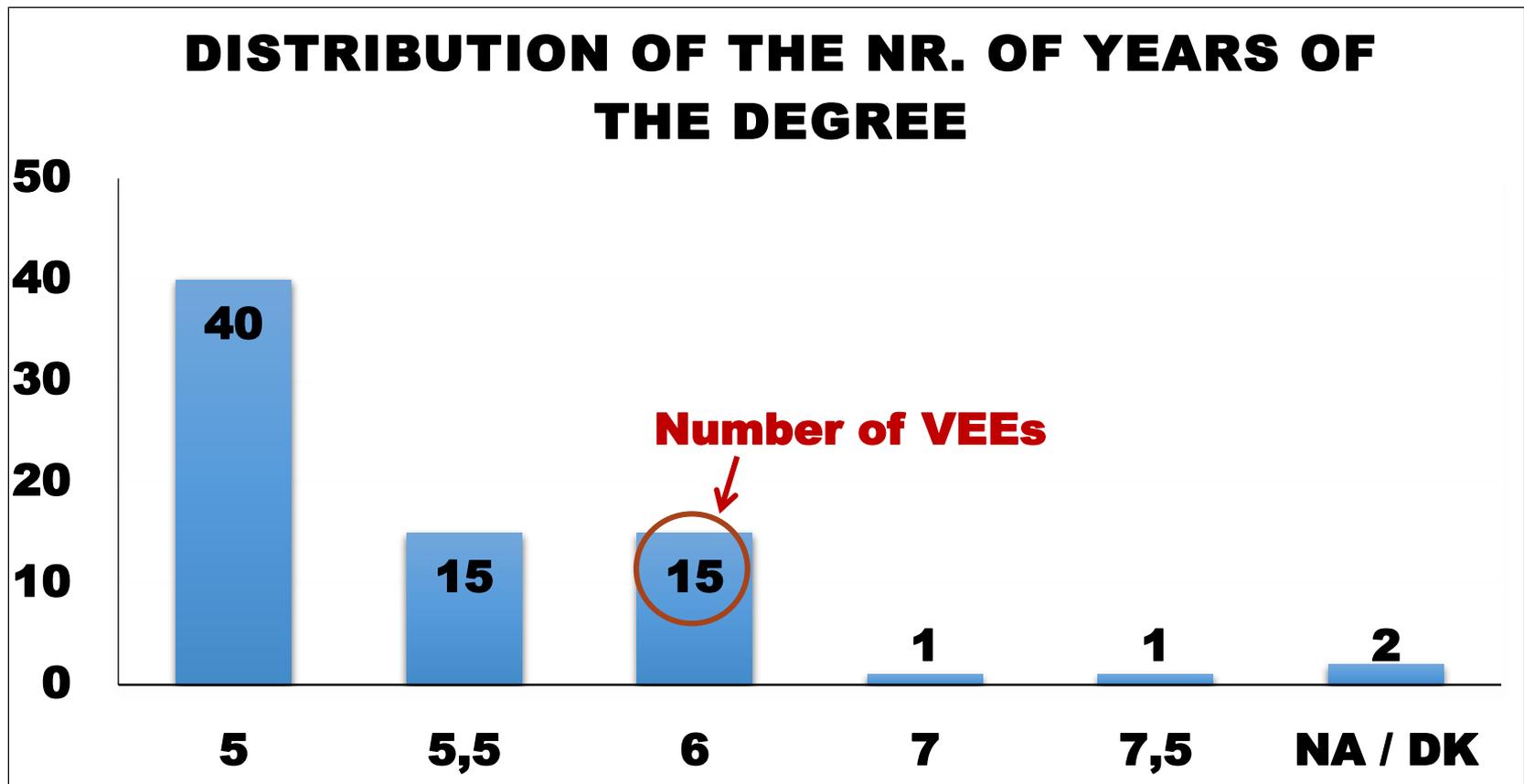
(Text with EEA relevance)

'1. The training of veterinary surgeons shall comprise a total of **at least five years** of full-time theoretical and practical study, which may in addition be expressed with the equivalent ECTS credits, at a university or at a higher institute providing training recognised as being of an equivalent level, or under the supervision of a university, covering at least the study programme referred to in point 5.4.1 of Annex V.

# DURATION OF STUDIES



n=74



# DIRECTIVE 2005/36/EC

L 354/132

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(Text with EEA relevance)

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# DIRECTIVE 2005/36/EC

DIRECTIVE 2005/36/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
of 7 September 2005  
on the recognition of professional qualifications  
(Text with EEA relevance)

## V.4. VETERINARY SURGEON

### 5.4.1. *Study programme for veterinary surgeons*

The programme of studies leading to the evidence of formal qualifications in veterinary medicine shall include at least the subjects listed below.

Instruction in one or more of these subjects may be given as part of, or in association with, other courses.

#### A. Basic subjects

- Physics
- Chemistry
- Animal biology
- Plant biology
- Biomathematics

# DIRECTIVE 2005/36/EC

## V.4. VETERINARY SURGEON

### 5.4.1. Study programme for veterinary surgeons

#### B. Specific subjects

##### a. Basic sciences:

- Anatomy (including histology and embryology)
- Physiology
- Biochemistry
- Genetics
- Pharmacology
- Pharmacy
- Toxicology
- Microbiology
- Immunology
- Epidemiology
- Professional ethics

##### b. Clinical sciences:

- Obstetrics
- Pathology (including pathological anatomy)
- Parasitology
- Clinical medicine and surgery (including anaesthetics)
- Clinical lectures on the various domestic animals, poultry and other animal species
- Preventive medicine
- Radiology
- Reproduction and reproductive disorders
- Veterinary state medicine and public health
- Veterinary legislation and forensic medicine
- Therapeutics
- Propaedeutics

##### c. Animal production

- Animal production
- Animal nutrition
- Agronomy
- Rural economics
- Animal husbandry
- Veterinary hygiene
- Animal ethology and protection

##### d. Food hygiene

- Inspection and control of animal foodstuffs or foodstuffs of animal origin
- Food hygiene and technology
- Practical work (including practical work in places where slaughtering and processing of foodstuffs takes place)

# CURRICULUM



ESEVT 'Uppsala' SOP May 2016

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## ESEVT & OIE CURRICULUM

**Oie** WORLD ORGANISATION FOR ANIMAL HEALTH  
Protecting animals, preserving our future

September 2013

**PVS**  
Pathway

**Veterinary Education  
Core Curriculum  
OIE Guidelines**



**FULLY COMPLIANT WITH EU DIRECTIVE 36/2005!**

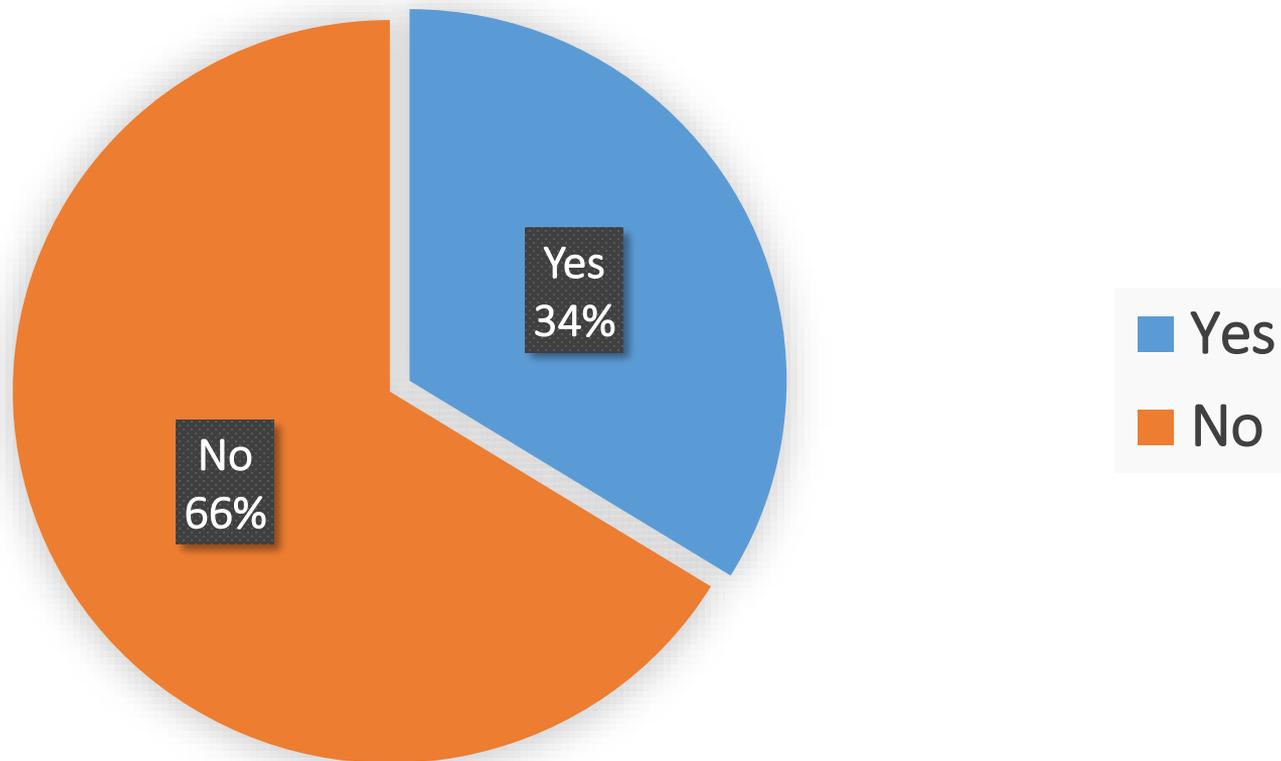


# CURRICULUM



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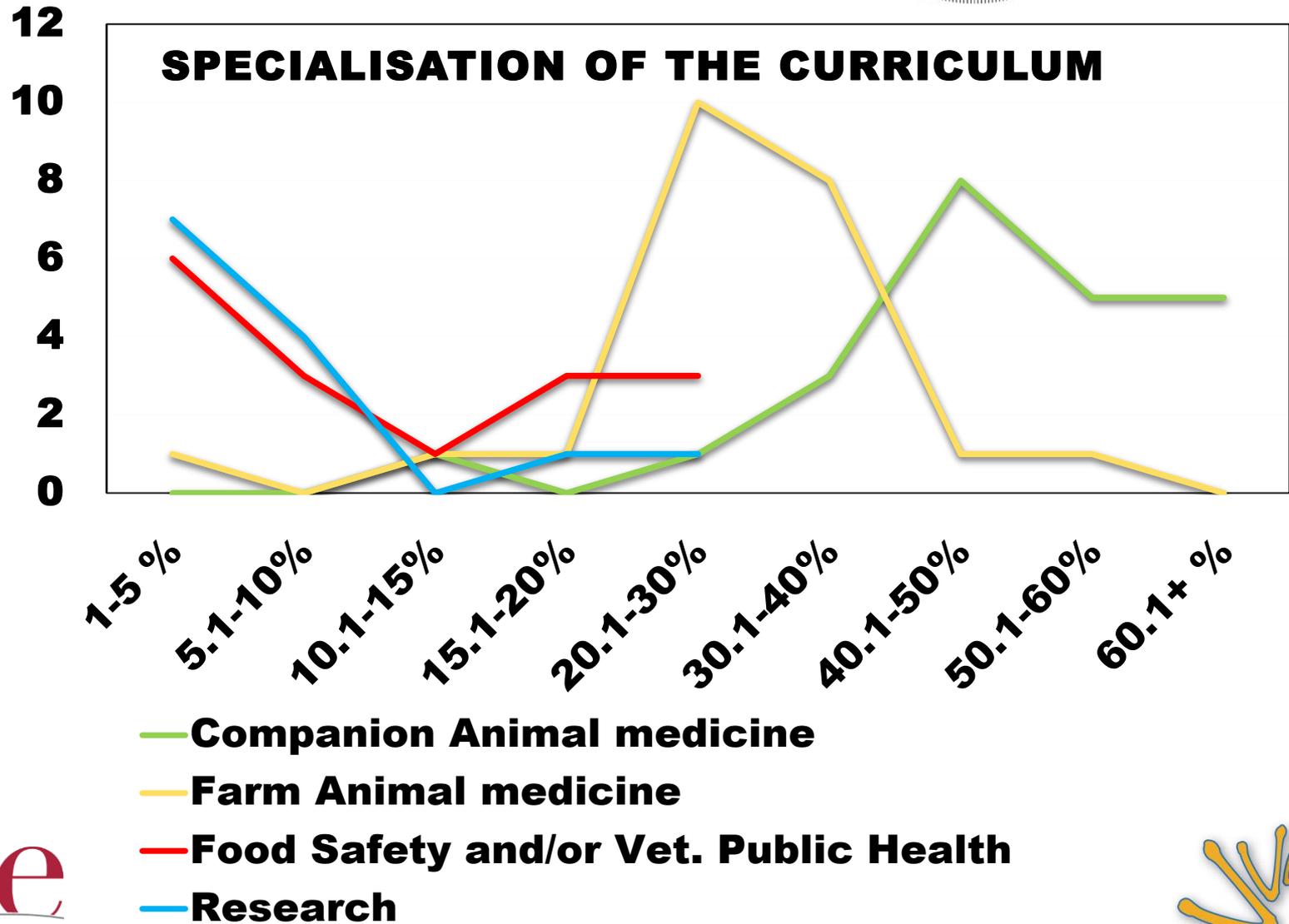
## TRACKING OF SPECIALISATION



# CURRICULUM



n=46

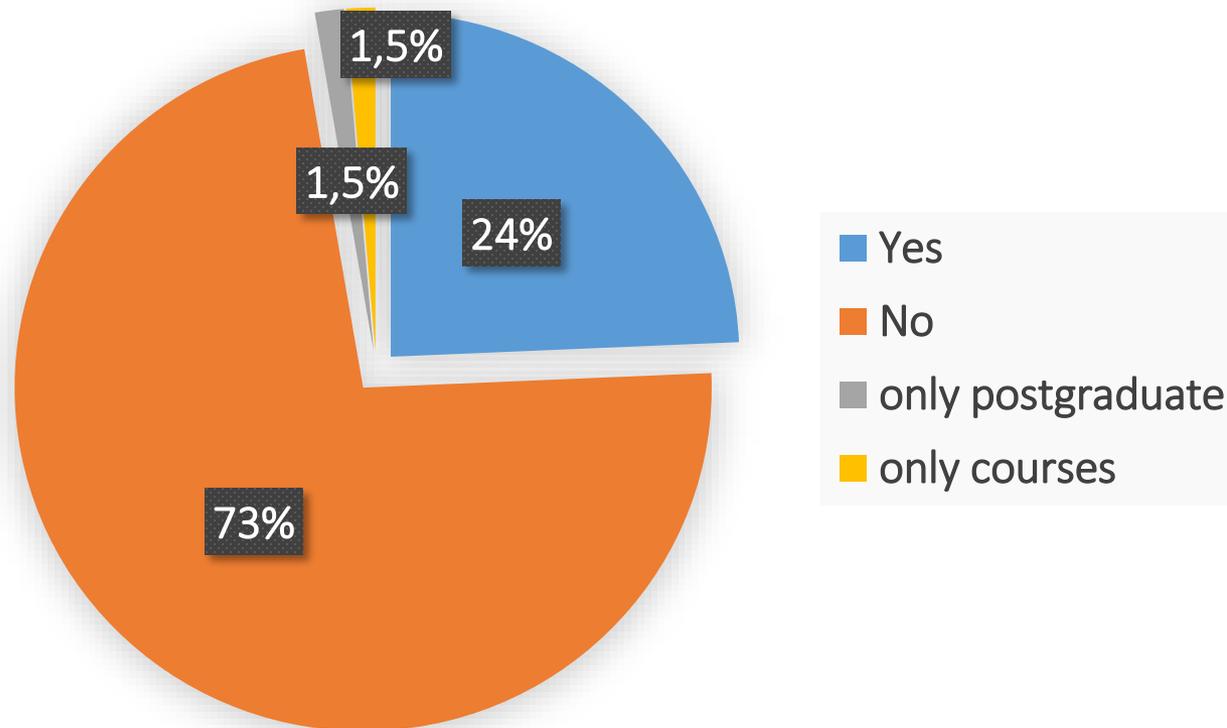


# CURRICULUM



n=74

## FOREIGN LANGUAGE CURRICULUM

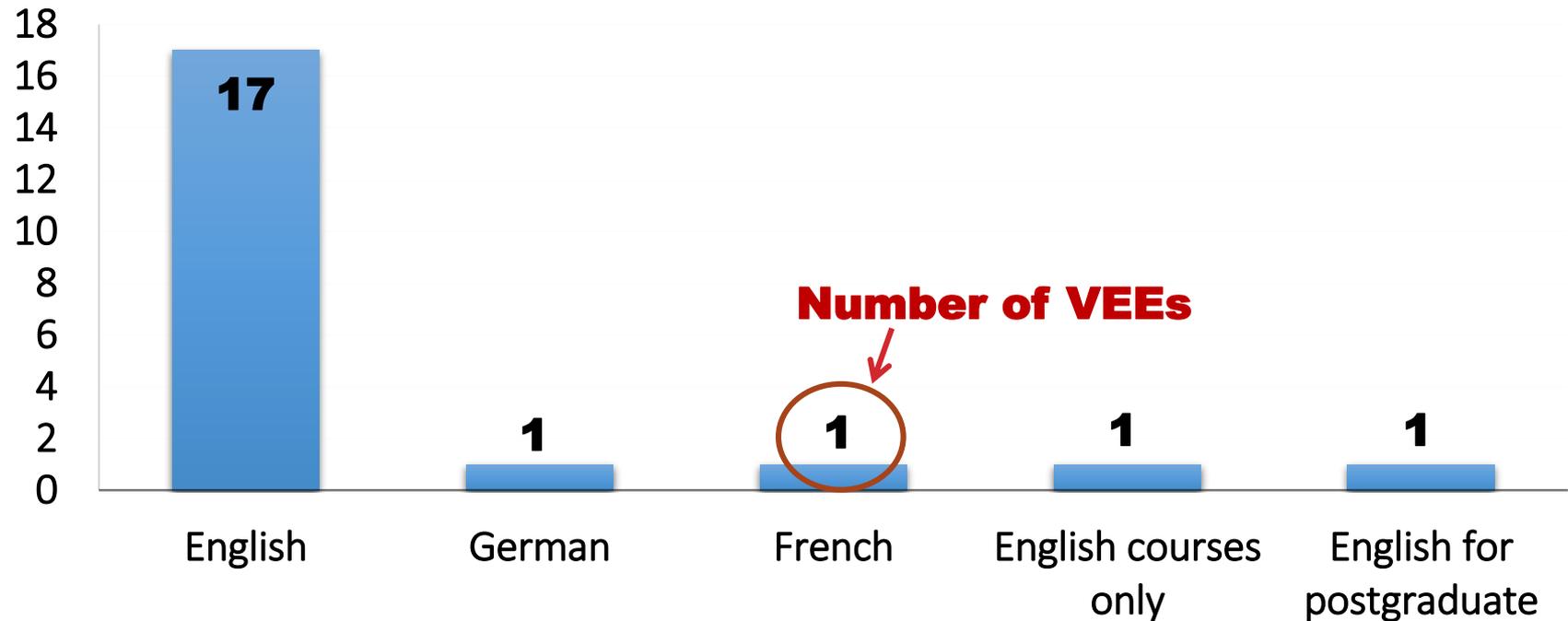


# CURRICULUM



n=20

## LANGUAGE OF FOREIGN LANGUAGE CURRICULUM

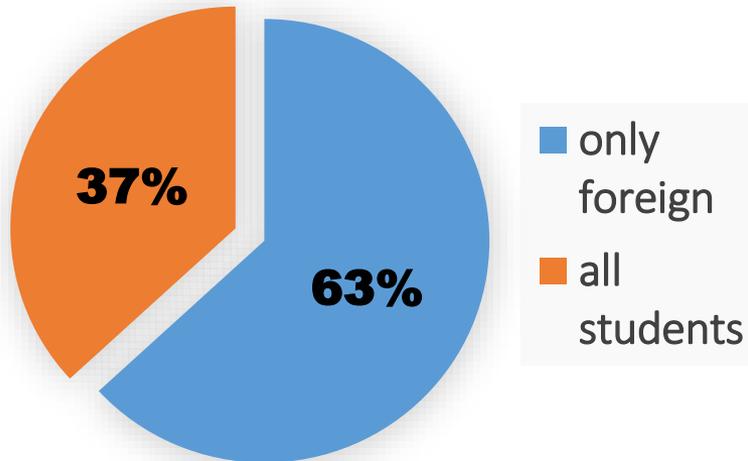


# CURRICULUM

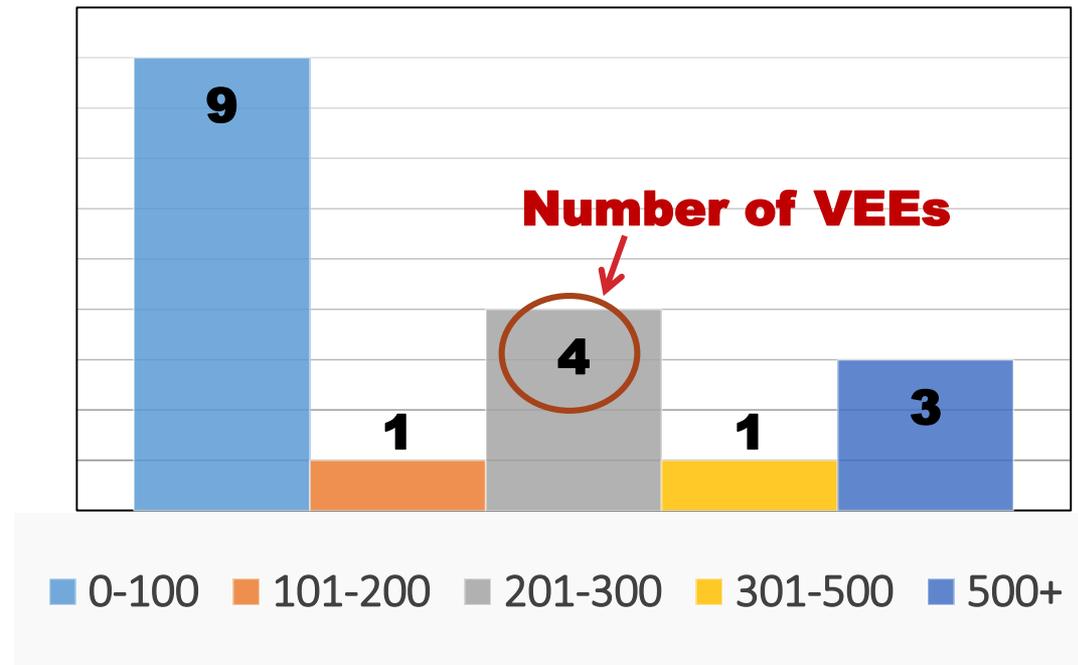


n=20

## STUDENTS FOLLOWING FOREIGN LANGUAGE CURRICULUM



## NR. OF STUDENTS FOLLOWING THE FOREIGN LANGUAGE CURRICULUM



# DIRECTIVES 2005/36/EC & 2013/55/EU

L 354/132

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## DIRECTIVE 2013/55/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 November 2013

amending Directive 2005/36/EC on the recognition of professional qualifications and Regulation (EU) No 1024/2012 on administrative cooperation through the Internal Market Information System ('the IMI Regulation')

(Text with EEA relevance)

'3. Training as a veterinary surgeon shall provide an assurance that the professional in question has acquired the following knowledge and skills:

- (a) adequate knowledge of the sciences on which the activities of a veterinary surgeon are based and of the Union law relating to those activities;
- (b) adequate knowledge of the structure, functions, behaviour and physiological needs of animals, as well as the skills and competences needed for their husbandry, feeding, welfare, reproduction and hygiene in general;
- (c) the clinical, epidemiological and analytical skills and competences required for the prevention, diagnosis and treatment of the diseases of animals, including anaesthesia, aseptic surgery and painless death, whether considered individually or in groups, including specific knowledge of the diseases which may be transmitted to humans;
- (d) adequate knowledge, skills and competences for preventive medicine, including competences relating to inquiries and certification;
- (e) adequate knowledge of the hygiene and technology involved in the production, manufacture and putting into circulation of animal feedstuffs or foodstuffs of animal origin intended for human consumption, including the skills and competences required to understand and explain good practice in this regard;
- (f) the knowledge, skills and competences required for the responsible and sensible use of veterinary medicinal products, in order to treat the animals and to ensure the safety of the food chain and the protection of the environment.;



# ESEVT IS A COMPETENCE-BASED EVALUATION PROCESS



ESEVT 'Uppsala' SOP May 2016

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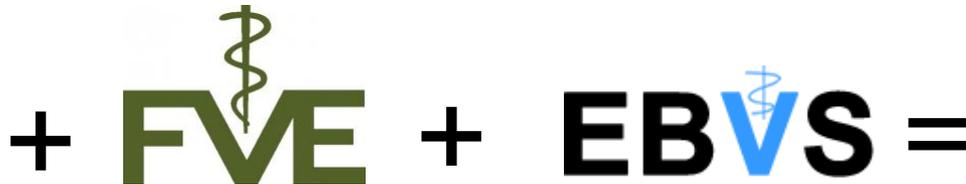
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# ECCVT

**13<sup>th</sup> October 2015, Brussels (21<sup>st</sup> meeting)**

- **Update on revision of Directive on professional qualifications**
  - **ESEVT: the way forward (ENQA, National Accreditation Bodies, FVO DG Sante as observer)**
- **ECCVT Objectives for 2016**
  - **Promotion Day-1 competences in the secondary EU legislation (*Annex 2 of ESEVT Uppsala SOP 2016*)**



# ECCVT POSITION PAPER ON ESEVT



European Coordinating Committee  
on Veterinary Training



ECCVT Newsletter, Special edition  
January 2015

## ECCVT FOCUS 2015

All members of the European Coordinating Committee on Veterinary Training (ECCVT) worked intensively during the last year on all matters related to veterinary education, including assurance of the quality of veterinary training. The “European Association of Establishments for Veterinary Education” (EAEVE), the “European Board of Veterinary Specialisation” (EBVS) and the “Federation of Veterinarians of Europe” (FVE) have put together their views on veterinary education and at the beginning of 2015 they urge policy makers and all stakeholders to support harmonisation of veterinary education in Europe, as a prerequisite to guaranteeing the same level of veterinary services across the whole of our continent.

## ECCVT Statement on Veterinary Education

**Harmonisation of veterinary education:  
fundamental for establishing EU citizens' trust in veterinary services**

***EAEVE and FVE provide the Standard for undergraduate veterinary education  
The European System for the Evaluation of Veterinary Training is the tool***

# ECCVT POSITION PAPER ON DAY ONE COMPETENCIES



European Coordinating Committee  
on Veterinary Training

FVE/ECCVT/comm 2015\_2  
ECCVT Day One competences – Adopted 26/3/2015

## European Coordination Committee for Veterinary Training (ECCVT) Day One Competences

### Forewords

A. Competence is a concept that integrates knowledge, skills and attitudes. Competence requires acquisition of technical skills but further involves applying relevant knowledge, and having the confidence and ability to transfer what has been learnt to a variety of contexts.

B. In order to facilitate for educational establishments to meet the requirements of the overall basic veterinary competence that the EU has established (Directive 2013/55/EU, Article 38, a-f) it needs to be broken down to more specific “Day One Competencies” which ought to be included in the Directive.

C. ‘Day One Competence’ is the minimum standard required and is the starting point for a variety of roles in the veterinary profession (e.g. as Practitioner, Hygienist, Scientist, National Veterinary Services Officer, Animal Welfare Officer, Designated Veterinarian, ..). After graduation, ongoing professional development will be needed in whichever field the new graduate decides to enter, and some roles may require postgraduate training and further formal qualifications (e.g. Diplomate of a European College, PhD).

D. A new graduate who has achieved day one competence should be capable to independently perform appropriate entry-level tasks and duties of the veterinary profession and confident enough to practise veterinary medicine at a primary care level on their own, while knowing when it is appropriate to seek direction from more experienced colleagues. New graduates are likely to need more time to perform some procedures. Support and direction from more senior colleagues should be available.

E. Veterinary educational establishments are responsible for developing the day one competence of their students and ensuring that they have met the competences by the time they graduate. They are greatly assisted in this by the practising arm of the veterinary profession, which provides extra-mural work placements so that students can practise applying these competences in the workplace.



# ECCVT POSITION PAPER ON DAY ONE COMPETENCIES

F. These day one competences are in agreement with the EU Directives, Regulations and Proposals related to veterinary professional qualifications, i.e.:

- Directive 2005/36/EC amended by Directive 2013/55/EU (on the recognition of professional qualifications);<sup>i</sup>
- Directive 2010/63/EU (on the protection of animals used for scientific purposes);
- Regulation 852/2004/EC (on the hygiene of foodstuffs);<sup>ii</sup>
- Regulation 853/2004/EC (on specific hygiene rules for food of animal origin);<sup>iii</sup>
- Regulation 854/2004/EC (on specific rules for the organisation of official controls on products of animal origin intended for human consumption);<sup>iv</sup>
- Regulation 1099/2009/EU (on the protection of animals at the time of killing);<sup>v</sup>
- Proposals on Regulation on Animal Health<sup>vi</sup> and Regulation on Official Controls<sup>vii</sup>.
- OIE recommendations on the Competencies of graduating veterinarians ('Day 1 graduates') to assure National Veterinary Services of quality;<sup>viii</sup>
- Standards and Guidelines for Quality Assurance in the European Higher Education Area (2015)<sup>ix</sup>

# OIE DAY-1 COMPETENCIES

Organisation  
Mondiale  
de la Santé  
Animale

World  
Organisation  
for Animal  
Health

Organización  
Mundial  
de Sanidad  
Animal



May 2012



OIE recommendations  
on the Competencies of graduating  
veterinarians (“Day 1 graduates”)  
to assure high-quality  
of National Veterinary Services



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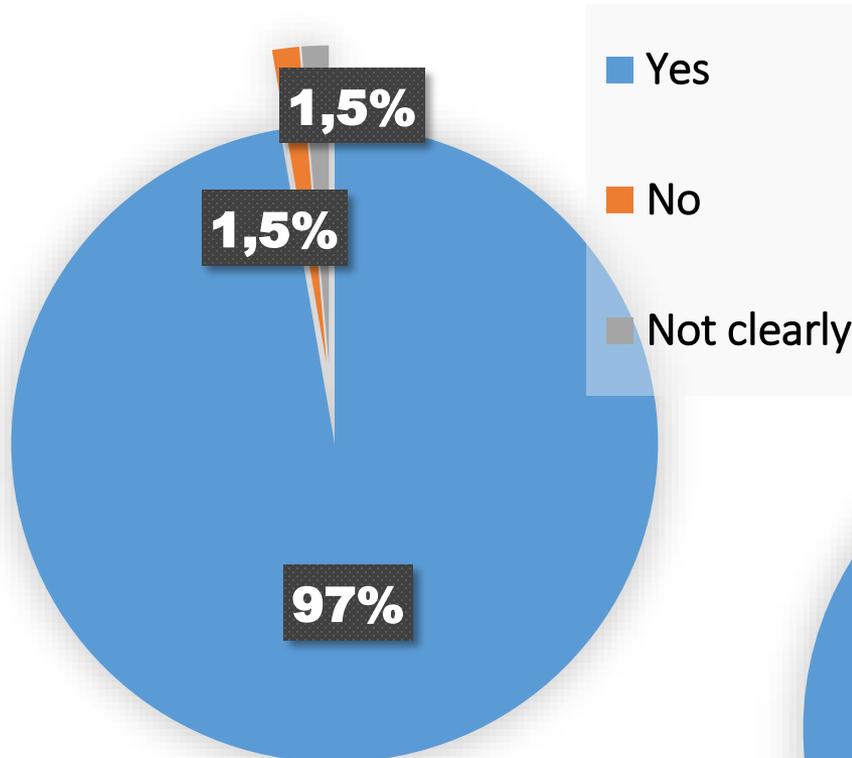
**FULLY COMPLIANT WITH ESEVT DAY-1 COMPETENCIES!**

# CURRICULUM

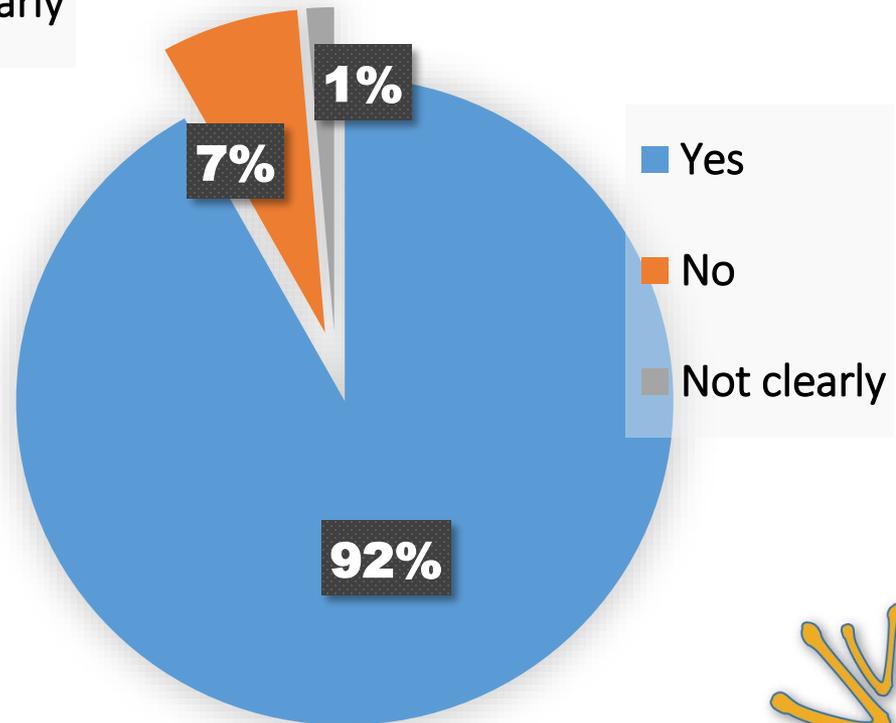
## KNOWLEDGE ON **ESEVT** DAY 1 COMPETENCIES



n=74



## KNOWLEDGE ON **OIE** DAY 1 COMPETENCIES

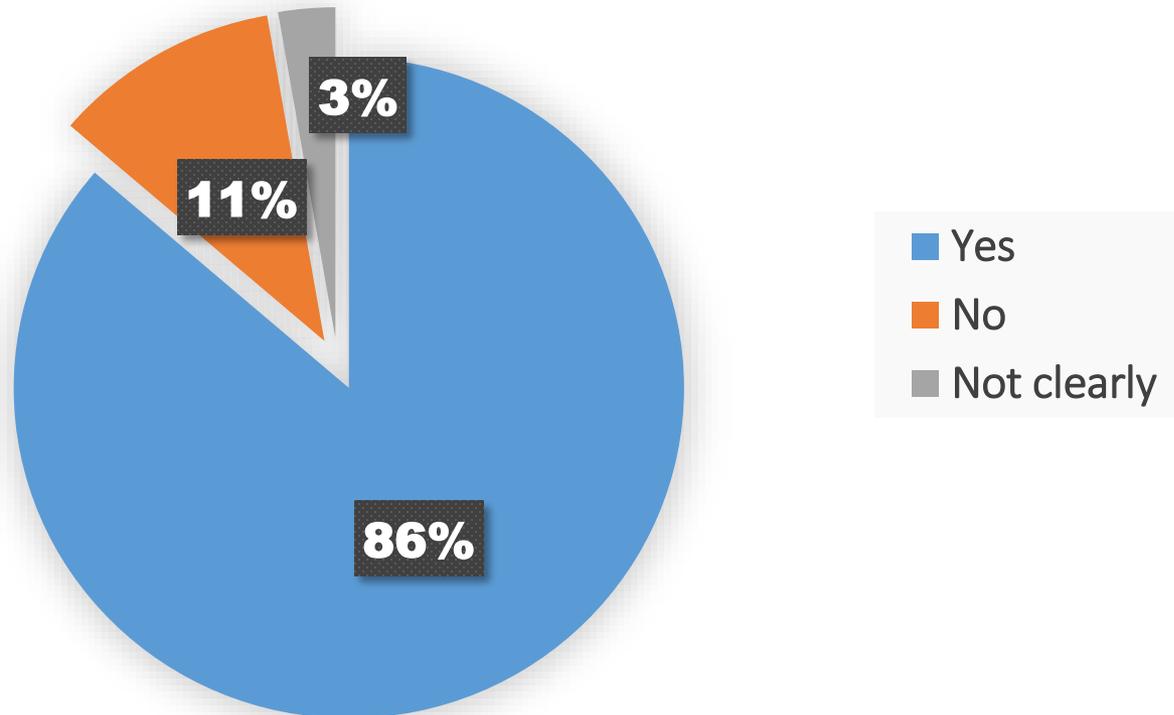


# CURRICULUM



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**TRAIN AND VERIFY THAT STUDENTS ACQUIRE ESEVT  
AND/OR OIE COMPETENCIES**



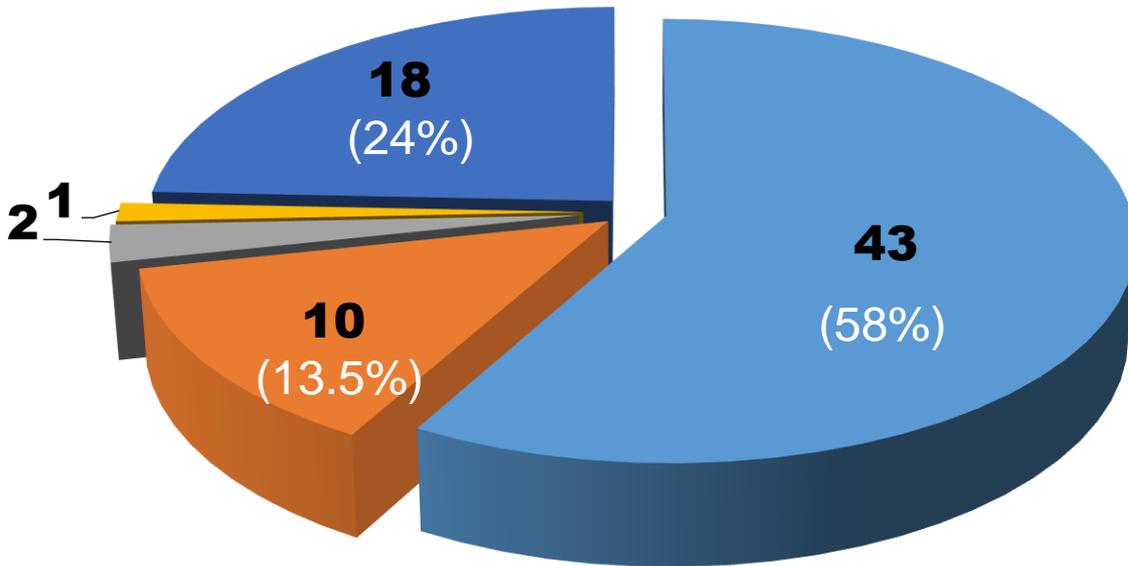
# CURRICULUM



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## EFFECTS OF IMPLEMENTING DAY 1 COMPETENCIES

- Improvement
- None
- Early to evaluate the effects
- Negative
- NA/DK

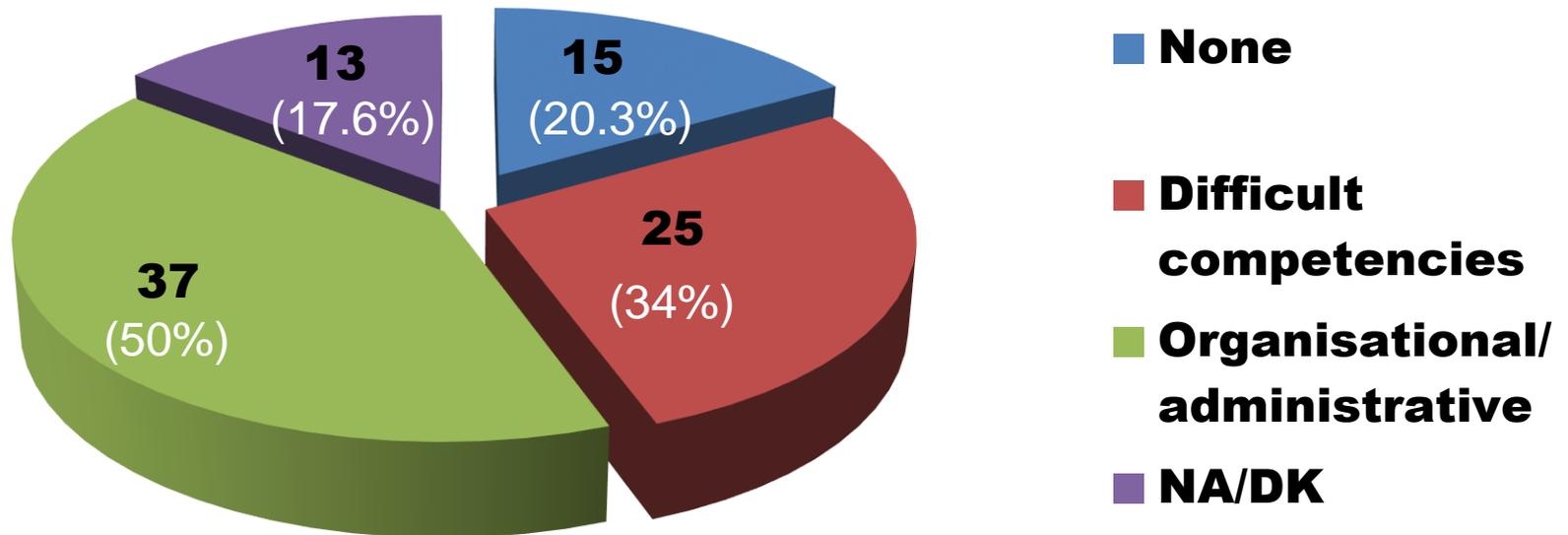


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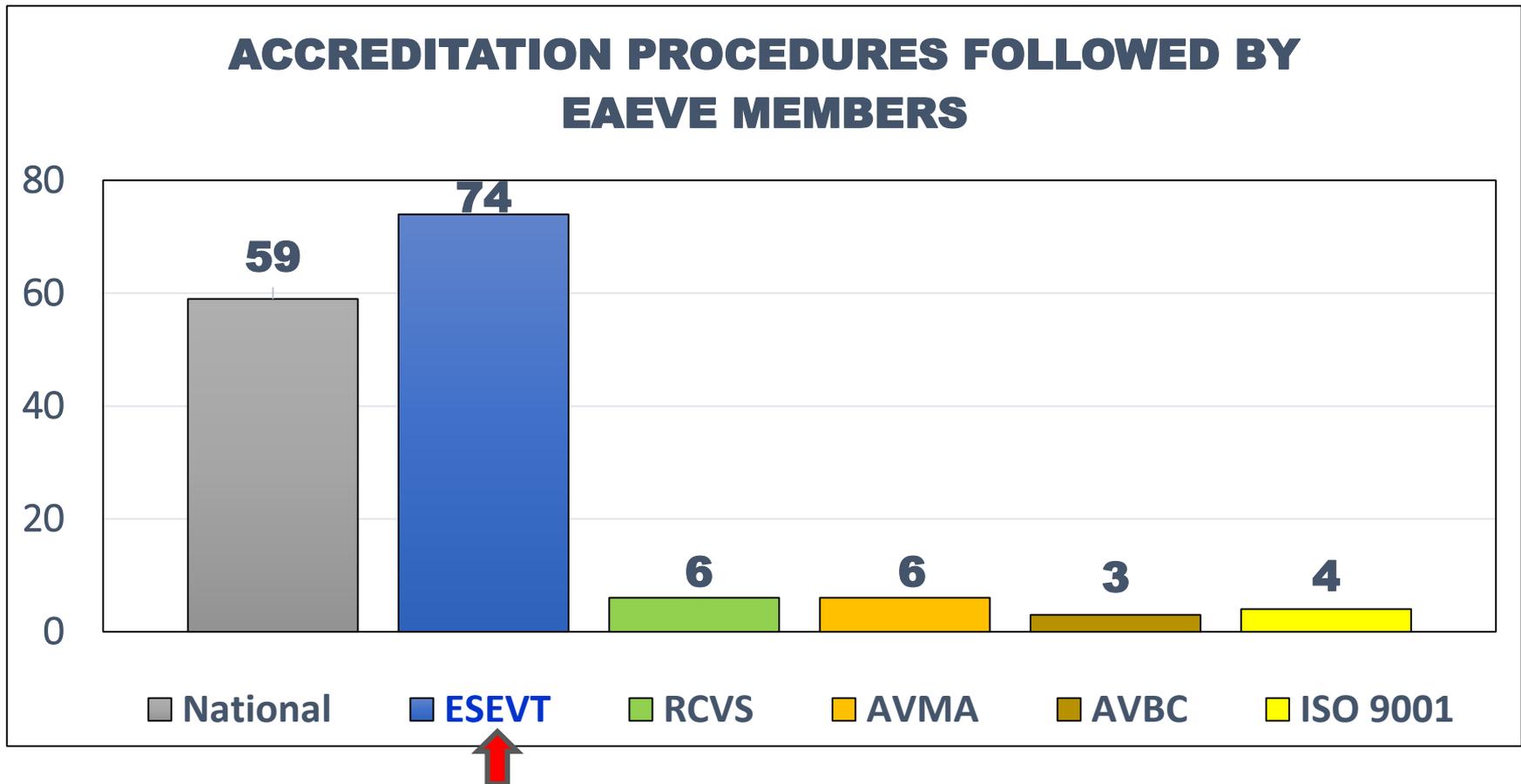
## CHALLENGES IN IMPLEMENTING DAY 1 COMPETENCIES



# ACCREDITATION OF STUDIES



n=74



**European System Evaluation of Veterinary Training (ESEVT)**



# ESEVT ESTABLISHMENTS' STATUS

MAY 2016



- **MEMBERS 96**
  - **Non evaluated (yet) by the ESEVT 7 (7.3%)**
  - **Evaluated by the ESEVT 89 (92.7%)**
    - **Approved 62 (64.6%)**
    - **Conditionally approved 6 (6.25%)**
    - **Non approved 21 (21.8%)**

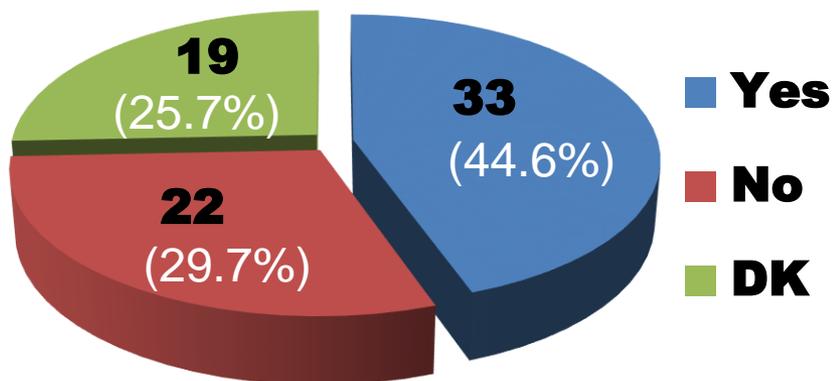


# VETERINARY PARAPROFESSIONALS (VPPS)

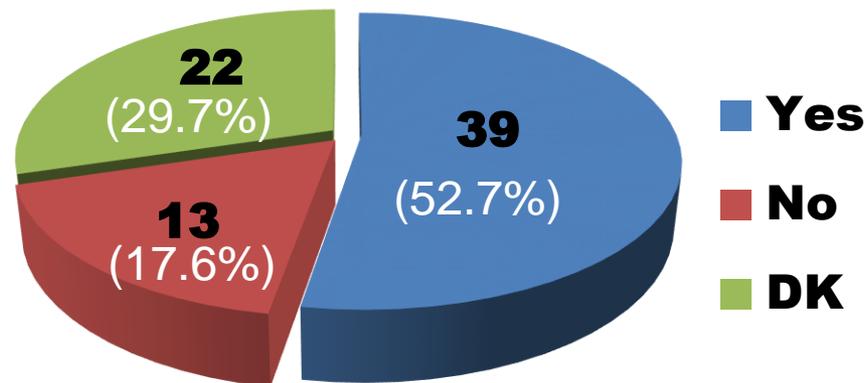


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## VPPs PARTICIPATION IN PUBLIC SECTOR VETERINARY SERVICES



## VPPs PARTICIPATION IN PRIVATE SECTOR VETERINARY SERVICES

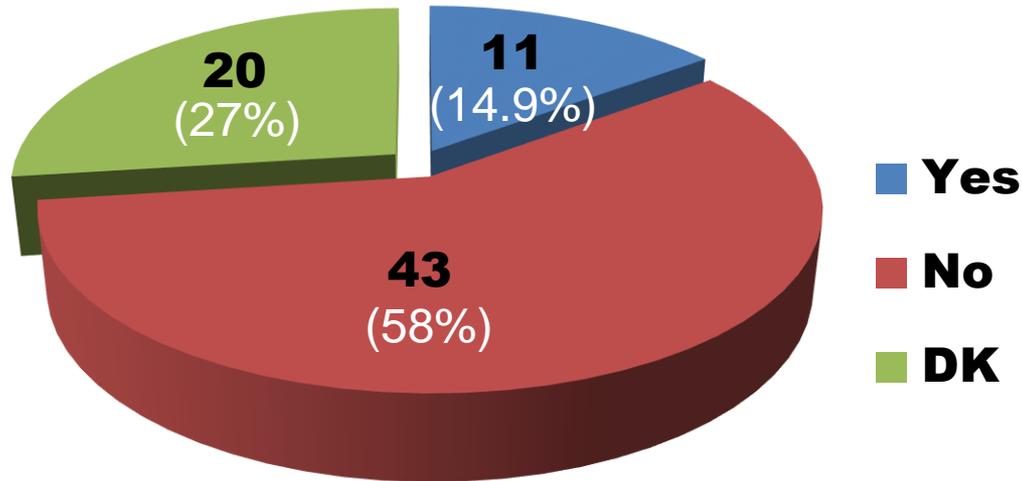


# VETERINARY PARAPROFESSIONALS (VPPS)



**n=74**

## REGISTER OF VPPs BY STATUTORY BODIES

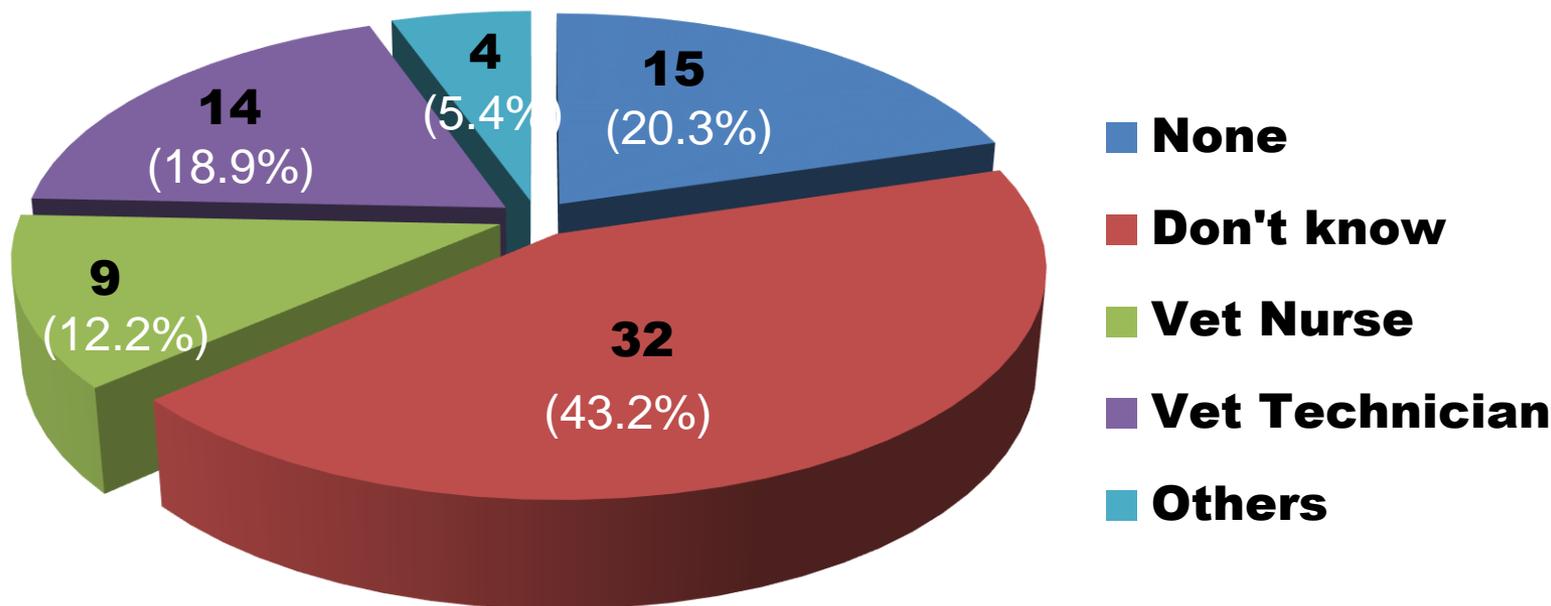


# VETERINARY PARAPROFESSIONALS (VPPS)



**n=74**

## CATEGORIES OF VPPs RECOGNISED BY VETERINARY STATUTORY BODIES

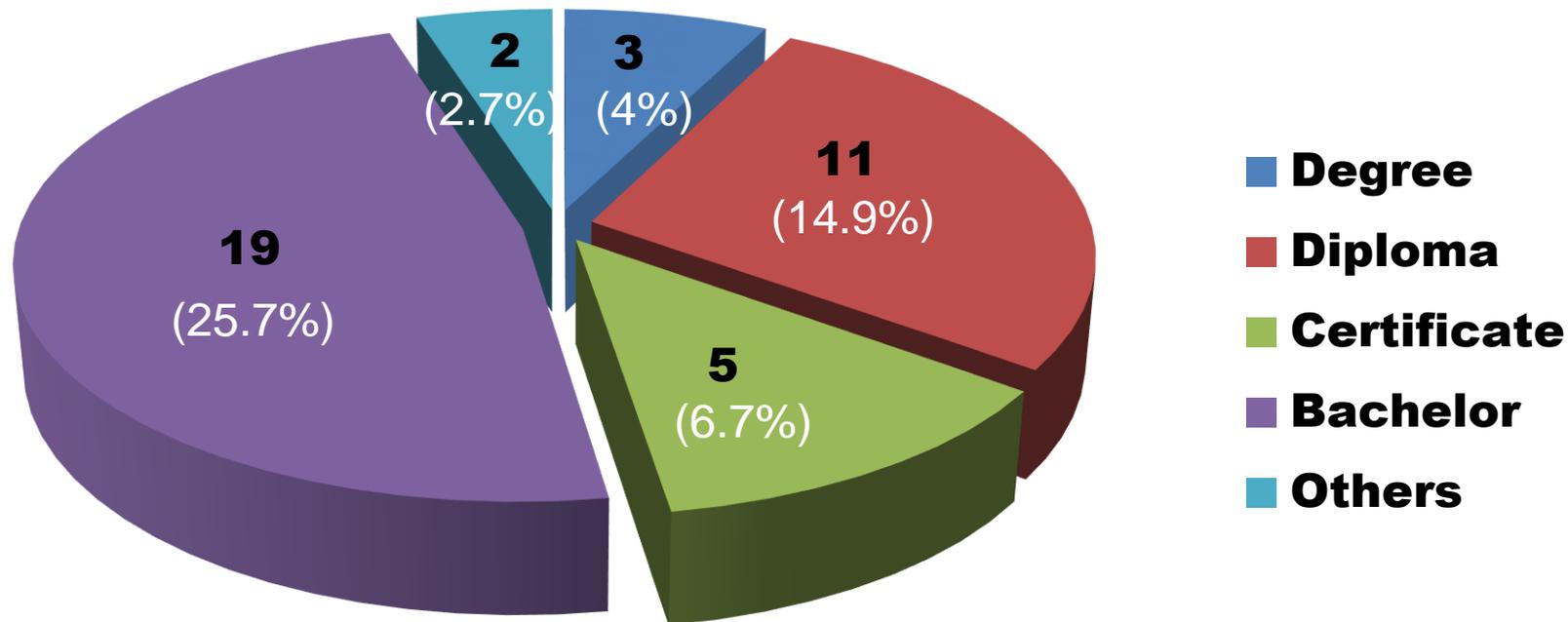


# VETERINARY PARAPROFESSIONALS (VPPS)



**n=74**

## EDUCATION REQUIRED FOR VPPs

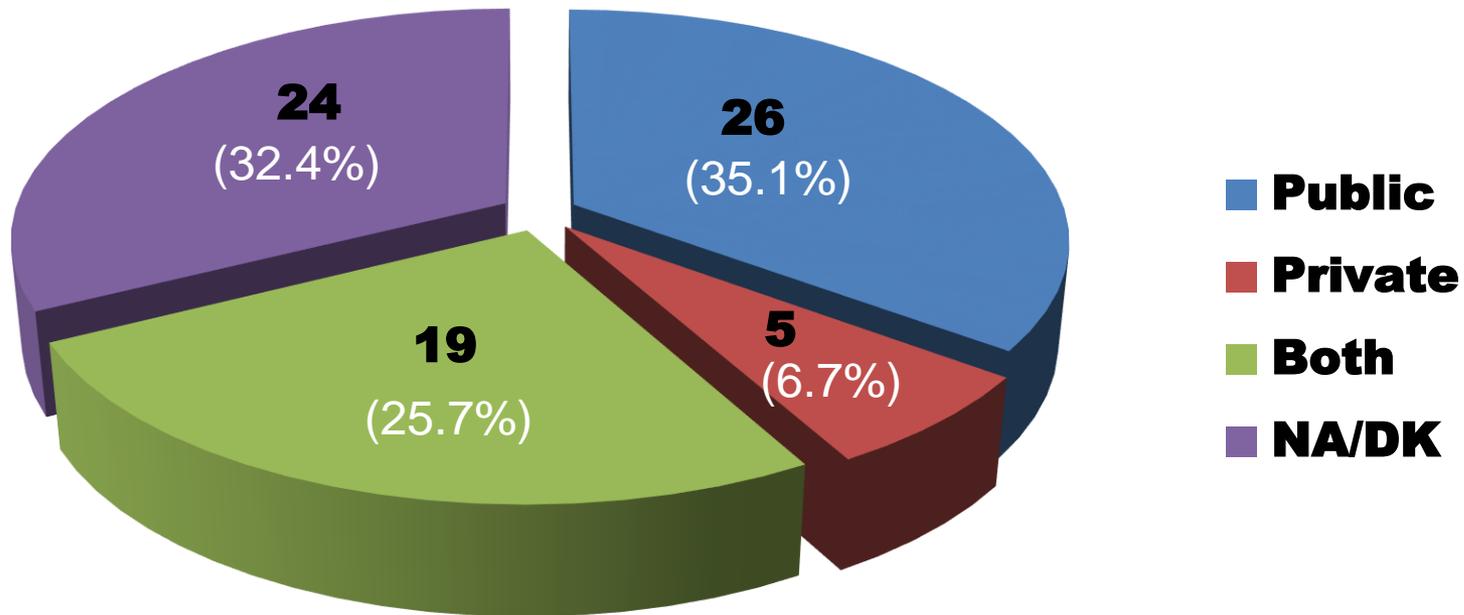


# VETERINARY PARAPROFESSIONALS (VPPS)



**n=74**

## INSTITUTIONS TRAINING VPPs

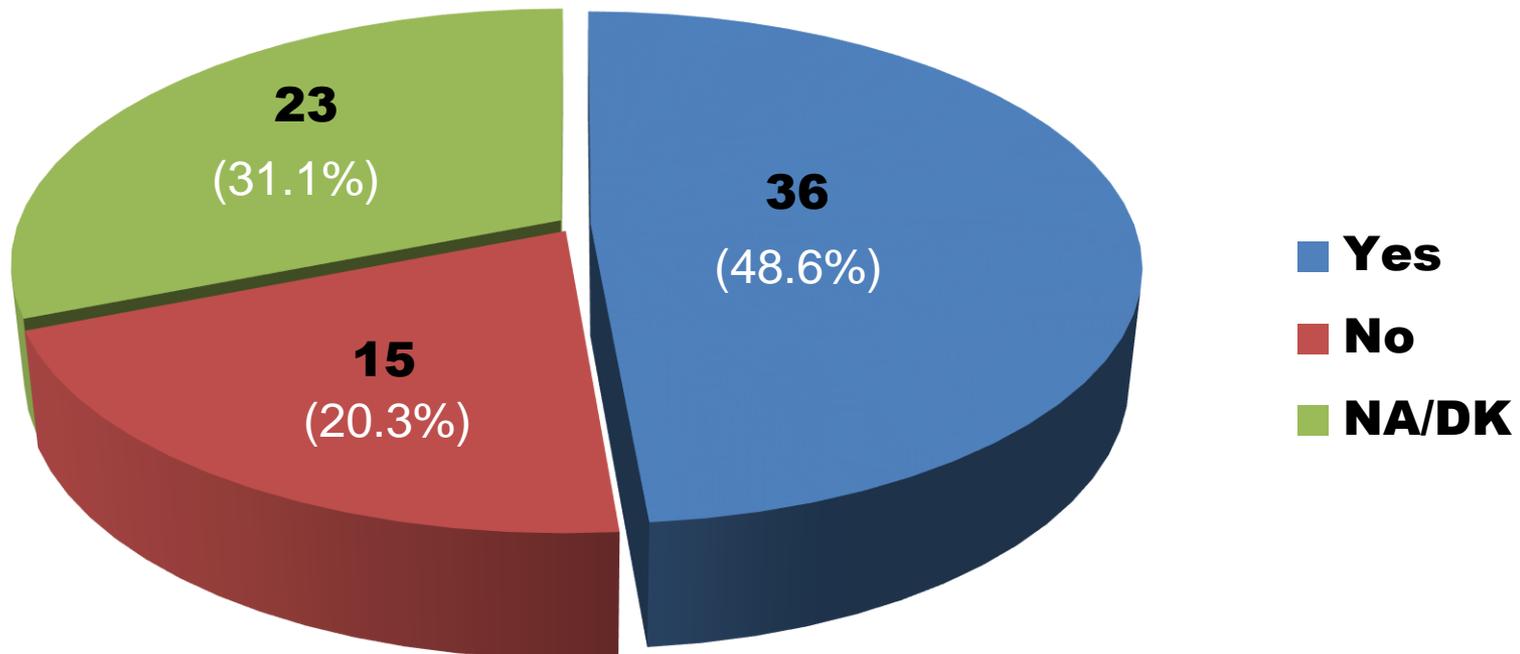


# VETERINARY PARAPROFESSIONALS (VPPS)



**n=74**

## RESPONSIBLE BODY FOR CERTIFYING CV AND INSTITUTION TRAINING VPPs

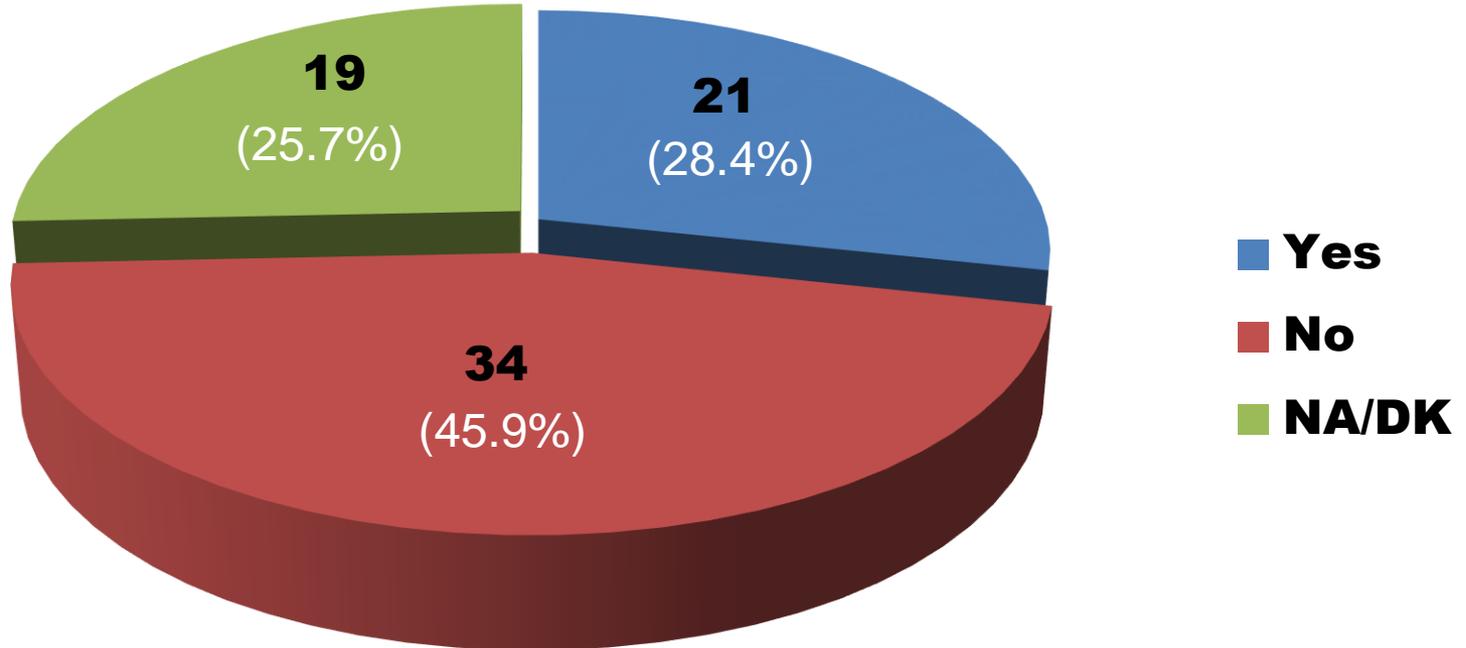


# VETERINARY PARAPROFESSIONALS (VPPS)



**n=74**

## VEEs INVOLVED IN TRAINING VPPs



# CO-AUTHORS

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