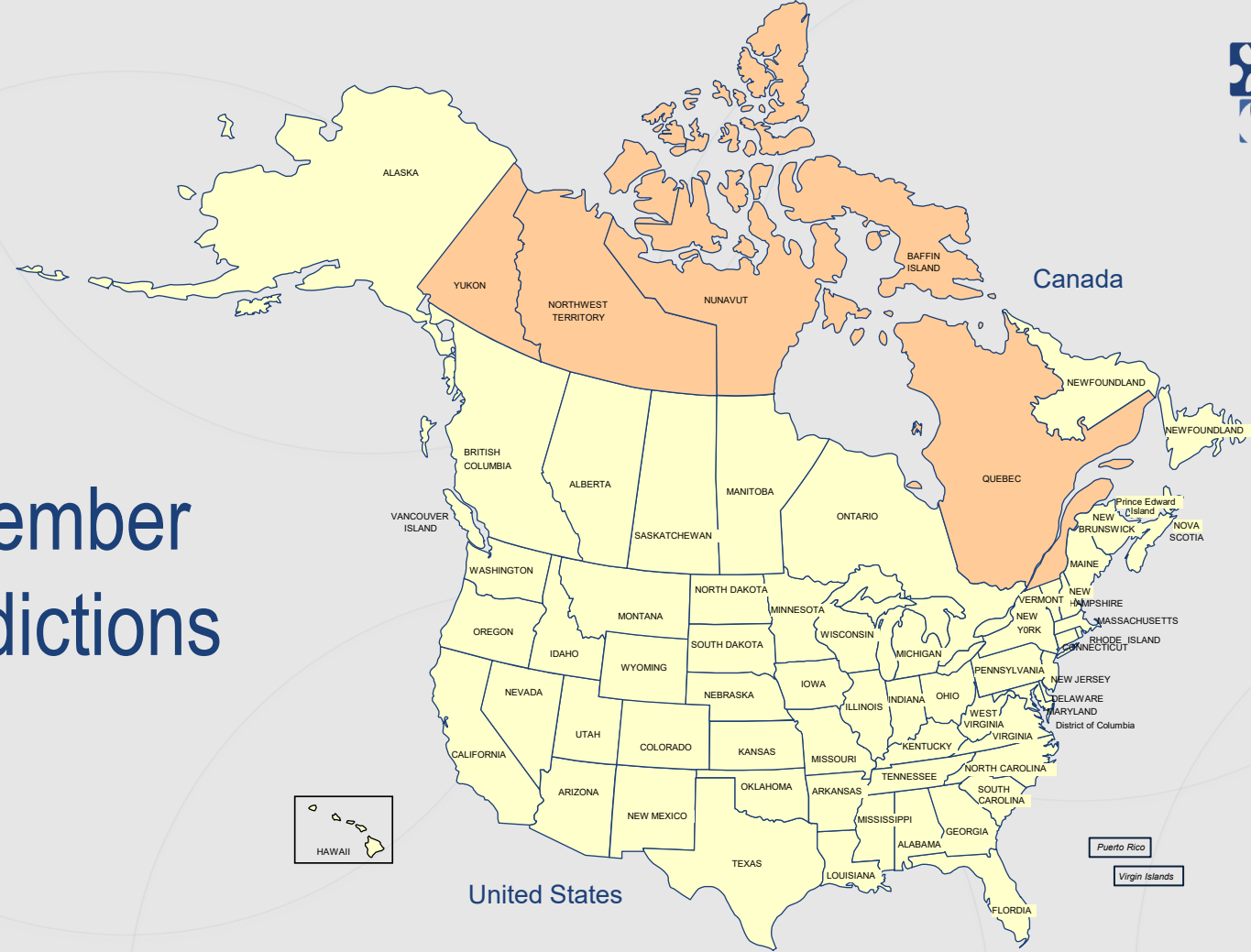


AAVSB
Veterinary Technician National Examination

California Veterinary Medical Board
January 25, 2023

Nancy Grittman, MBA, Chief Risk Management Officer





62 Member Jurisdictions



Exam Services



- 8,723 examinees took the VTNE in 2022
- 48 Member Boards regulate veterinary technicians



The VTNE Committee

Per the AAVSB Bylaws and as directed by the Board of Directors, the VTNE Committee's role is the review and continued upkeep of the VTNE, which assesses the minimum competency of entry-level veterinary technicians for regulatory boards and other credentialing agencies.

- Support the AAVSB's mission
- Adhere to the AAVSB's protocols on confidentiality and code of conduct
- Serve as an advocate of the VTNE
- Provide subject matter expertise while maintaining current standards of the veterinary technician profession in the continued VTNE development
- Review and provide input in all aspects of exam development

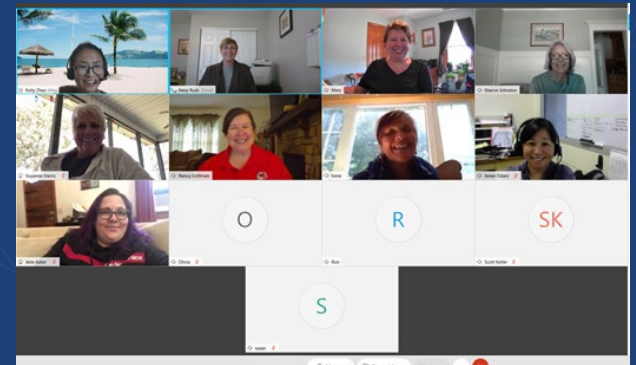


The VTNE Committee Composition

VTNE Committee Composition:

- Four members at large,
- Two members recommended by the Association of Veterinary Technician Educators (AVTE),
- Two members recommended by the National Association for Veterinary Technicians in America (NAVTA),
- Two members recommended by the Registered Veterinary Technologists and Technicians of Canada (RVTTC), and
- Two members recommended by the AVMA's Committee on Veterinary Technician Education and Activities (CVTEA).

In order to provide diversity and expertise, the members of the VTNE Committee need not be members of Member Boards or Affiliate Members of AAVSB.



- Overview of the VTNE
 - Exam Development process including item writing, item review, and exam review training/meetings
 - Job Analysis
 - Standard Setting
 - Data Forensics and Web Crawling review

The Veterinary Technology National Examination



A Credentialing Exam must be both reliable and valid

The Veterinary Technology National Examination



1. Job Analysis
 2. Item Development
 3. Exam Development
 4. Standard Setting
 5. Scoring and Analysis
- * Data Forensics and Web Crawling

1. Job Analysis

- Define the job's knowledge and skills (KSA) specific to a new veterinary technology graduate
- Survey large group of veterinary technicians to determine which KSA's are performed and how critical they are
- Used to develop the Content Outline for the VTNE

2. Item Writing and Review

- Subject Matter Experts are first trained by PSI Psychometricians and Test Developer
- Items must be Fair from any bias, Accurate, Meaningful, Current
- Must be “allowed” material linked to the content outline
- Must be at an appropriate cognitive level

3. Exam Construction & Final Review

Rigorous review by VTNE Committee and Committee Chair

Item	Accession no.	choice	percent	r pb	mean
147	RXY1724	1	62.1	-0.062	189.42
		2	36.6	0.034	190.70
		3	0.7	0.097	206.00
		4*	0.7	0.072	202.00
		X	0.0	-0.000	0.00
		4*	0.7	rc= 0.071	202.00

Item	Accession no.	choice	percent	r pb	mean
109	RXY1725	1	12.9	-0.235 **	160.40
		2 *	69.1	0.367 **	174.53
		3	11.2	-0.223 **	160.11
		4	6.9	-0.081 *	165.54
		X	0.0	-0.000	0.00
		2 *	69.1	rc= 0.366 **	174.53



4. Standard Setting

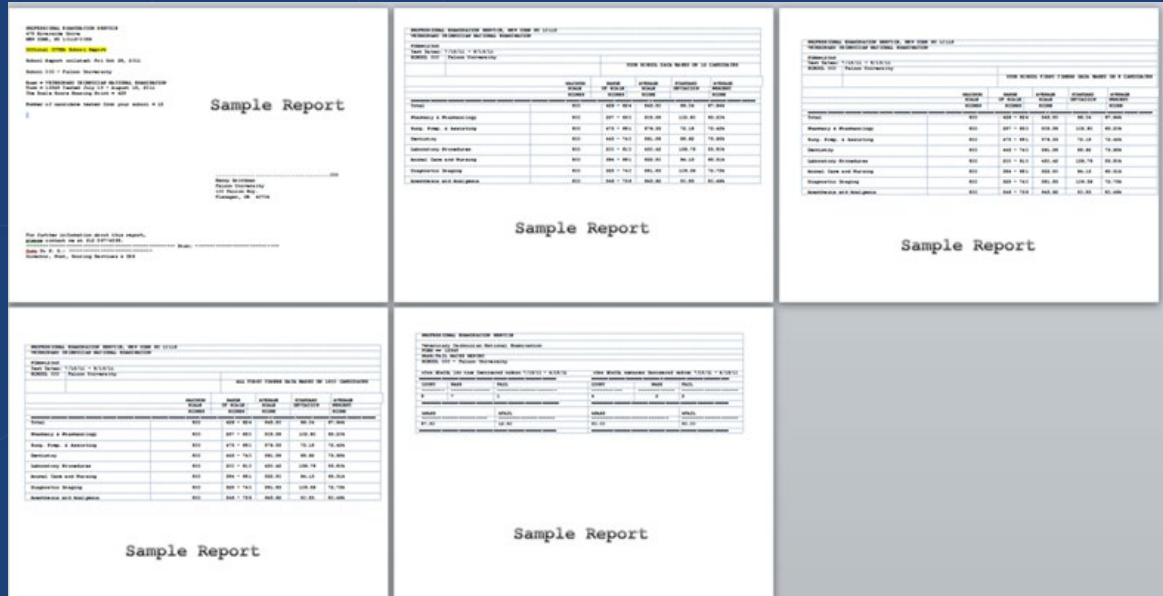
- Not a simple percentage
- To determine passing score of the “minimally competent candidate”
- To protect the public from harm caused by incompetent professional practice
- To provide a valid and consistent way of identifying those who are competent to safely and effectively practice in the profession

5. Scoring and Analysis

- Ensure the following:
 - appropriate number of items from each section of the blueprint
 - no “enemy items”
 - statistics for each item are appropriate
 - statistics for the exam are appropriate
 - no significant overlap of content between exam forms
 - candidate comments/concerns/testing issues are reviewed

Score Reporting

Member Board
Jurisdictions and
Veterinary
Technology
Programs



Sample Report

Sample Report

Sample Report

Sample Report

Sample Report

Data Forensics & Web Crawling



To protect the validity and integrity of the VTNE

- Data Forensics are conducted and analyzed during each exam administration by PSI experts and reviewed post exam
- Web Crawling conducted continuously by PSI experts and reviewed with concerns addressed accordingly by AAVSB staff

Questions?

