

WITH STANDARDS – UNLOCK THE POWER OF DATA



2022

CHINA  
INTERCHANGE

29-30 JULY | VIRTUAL EVENT

## CDISC Tabulate Certification

Presented by John Ezzell, Head of Education, CDISC



# Meet the Speaker

John Ezzell

**Title:** Head of Education

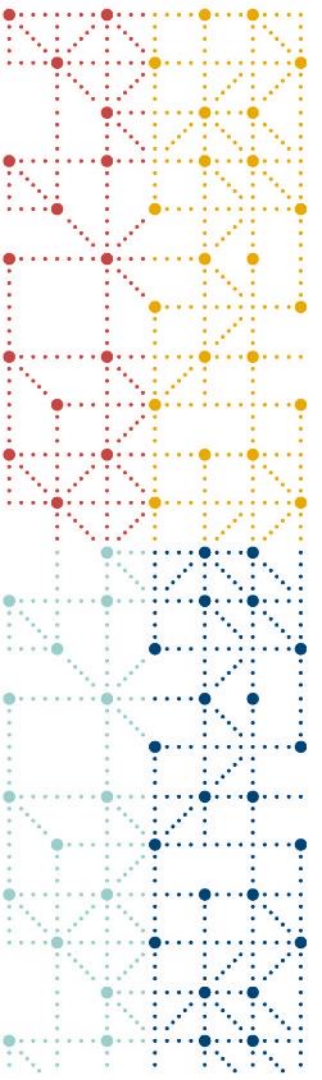
**Organization:** CDISC

John began his career in training as a high school instructor in Houston, Texas. Since 2005, he has worked as an editor and curriculum designer at Harcourt Houghton-Mifflin and the Project Share initiative for The Institute for Public School Initiatives at the University of Texas, Austin. John has had a role in CDISC Education since 2015 and is currently the Head of Education.



## Agenda

1. CDISC Tabulate Development Background
2. CDISC Tabulate Certification Exam Registration
3. Certification Preparation
4. Certification Maintenance



# CDISC Tabulate Development Background



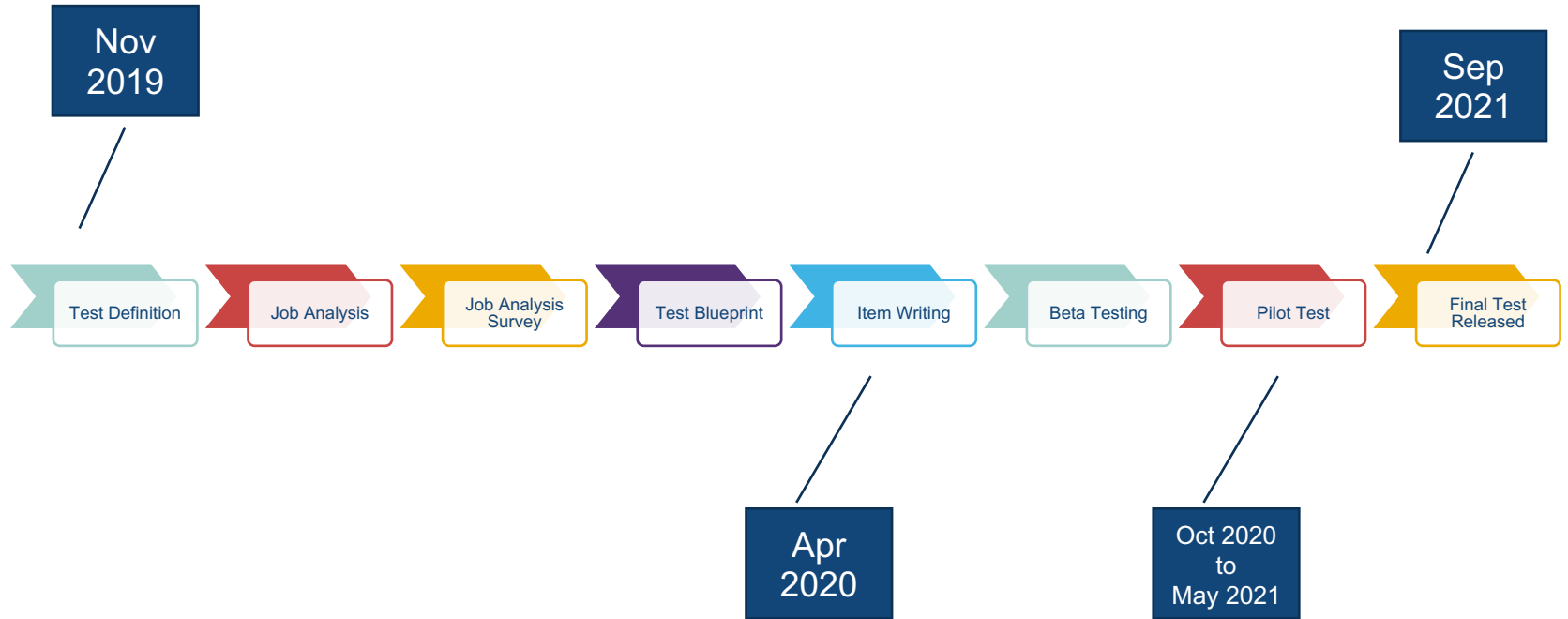
# Blue Ribbon Commission (2018-2019)

From the Commission Report:

## **Broad Theme #4: Build a strong standards ecosystem**

“Establish a highly functional professional certification program that incorporates pragmatic implementation of the standards, not just learning theory and rules. Require regular knowledge updates to maintain certification credentials. Individual certification (1.) improves homogeneity of implementation; (2.) expands the pool of qualified job candidates available to the community; and (3.) may provide a substrate for company-level certification demonstrated by a critical mass of individual certifications”

# Certification Exam Development Timeline



# Exam Domains

## Exam Domain:

What major topics or issues should be covered by the exam?

- 1: General Concepts, Terms, and Assumptions & Designing Conformant Dataset Structure
- 2: General Observation Classes
- 3: Domain-Specific Knowledge
- 4: Findings About, Custom Domains, Associated Persons, and Study References
- 5: Special Purpose Domains
- 6: Controlled Terminology, Conformance and Other References
- 7: The Trial Design Model
- 8: Relationships Among Datasets and Records

# Knowledge and Skill Statements

Findings About, Custom Domains, Associated Persons, and Study References (10%)

Knowledge of the requirements for the use of the --OBJ variable with Findings About events or interventions

Knowledge of when to use Findings About

Knowledge of the different references that would be needed when creating a new domain

Skill to create a custom domain

Skill to recognize data that are about an associated person rather than a study subject

Knowledge of considerations for creating an Associated Person (AP) dataset (e.g., family medical history, caregiver questionnaires)

Knowledge of the situations for which additional identifiers may be needed (e.g., identifiers for devices, identifiers for non-host organisms)

Knowledge of the Device Identifiers (DI) dataset used to establish identifiers for devices that are used to populate the variable SPDEVID

Knowledge of the Non-host Organism Identifiers (OI) dataset used to establish identifiers for organisms used to populate the variable NHOID



# CDISC Tabulate Exam Items (Questions)

Domain 4: Findings About, Custom Domains, Associated Persons, and Study References

A custom domain should be established around

- A. A specific collection method.
- B. A specific set of timing criteria.
- C. Observations with a common topic that do not fit into an existing domain.
- D. An efficacy endpoint that fits well into an existing domain but should remain separate for analysis.

**More example questions available at:**  
**[www.cdisc.org/education/cdisc-standards-certification](http://www.cdisc.org/education/cdisc-standards-certification)**

# Final Certification Tabulate Exam – SEP 2021

125 Exam Questions

Multiple-choice Format

Approximately 4 hours Long

2 Minutes Per Question

15-minute “Halftime” Break



The screenshot shows the ProProctor website interface. At the top, there is a navigation bar with links for PROMETRIC, COVID-19 UPDATE, TEST TAKERS, TEST OWNERS, REMOTE ASSESSMENT, ABOUT US, and CONTACT. Below the navigation bar, the main content area features the heading "PROPROCTOR CANDIDATE INFORMATION" and a sub-heading "Important information on how to schedule and take your Prometric exam online". A large image shows a person's hands typing on a laptop keyboard, with the ProProctor logo overlaid. At the bottom of the page, a text box states: "Take your exam anytime, anywhere with Prometric's secure remote-assessment platform, ProProctor™."

# Certification Changes Since 2021 Pilot

## Qualification and Maintenance

- Eliminated experience requirement
- Removed maintenance fee

## Prep and Delivery

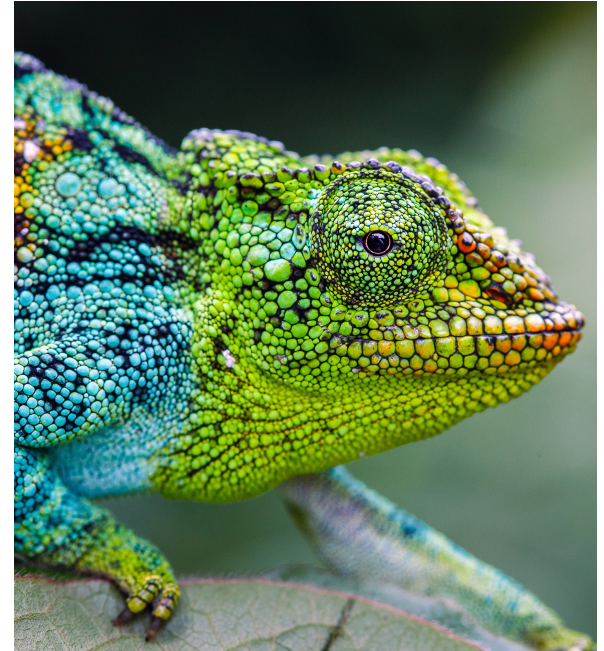
- Practice questions
- Streamlined virtual environmental checks
- Shortened exam (185 -> 125 questions)

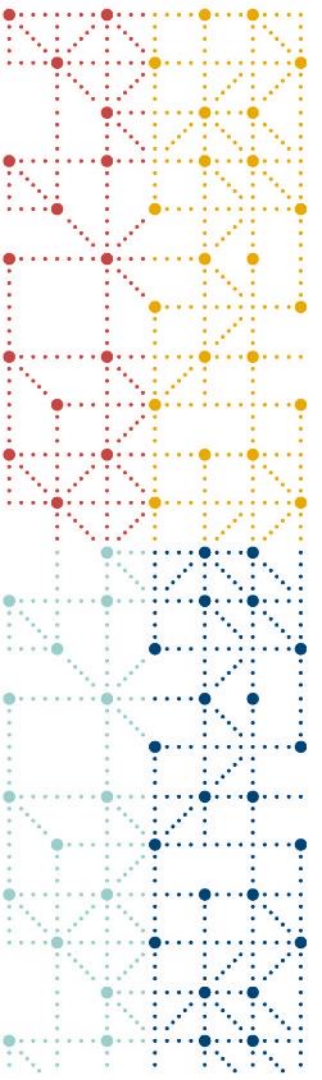
## Results

- Instantaneous
- Performance Analysis (for non-passing candidates)

## Discounts

- Membership Discounts (40% Platinum / 20% Gold)
- Group Discounts (10+ Enrollees)





# **CDISC Tabulate Certification Exam Registration, Preparation, and Maintenance**

# CDISC Tabulate Certification Registration

Registration via CDISC Learning System

Requires CDISC.org account



The screenshot shows the CDISC Learning System homepage. At the top left is the CDISC logo. To the right is a 'Log In' link with a shopping cart icon. Below the logo is a navigation bar with links for 'Home', 'Featured', 'All Courses', 'Help', and 'CDISC Learning System', along with a search icon. The main content area features a large image of a person's hands typing on a laptop with a coffee cup in the foreground. Overlaid on the image is the text 'Welcome to the CDISC Learning System'. Below the image is a grid of three colored boxes: a blue box with a shopping cart icon and the text 'Purchase and enroll in CDISC web-based trainings.' with a button labeled 'Online Courses'; a red box with a graduation cap icon and the text 'Online learning system where you can access your training modules and view your learning records.' with a button labeled 'Learning System'; and a yellow box with a speech bubble icon containing a question mark and the text 'Frequently asked questions and helpful info.' with a button labeled 'Help and FAQ'.

## Two Testing Options

In-Person Testing Center



Online Proctored Exam



# Certification Exam Fees

\$500 exam fee

\$125 re-test fee (for failed exam)

Passing exam grade establishes certification for 3 years

Recertification required after 3 years

Recertification exam fee: \$500



# Certification Exam Registration Process

Log in to CDISC eCommerce Product Catalog

Purchase CDISC Tabulate Program

View Certification Details in CDISC Learning System

Receive Eligibility ID within 5-7 business days

Schedule Exam at Prometric site

The screenshot shows the CDISC eCommerce Product Catalog. The main product is "CDISC Tabulate Certification" priced at \$500.00. The page includes a "Certified" badge, a description of the certification, and a list of exam details:

- Exam fee: \$300
- Fee not for test takers who do not pass on the first attempt: \$120
- Fee not charged if exam is cancelled or rescheduled 30 days before exam date
- A rescheduling or cancellation fee of \$50 will be charged if requested more than 5 days, and less than 30 days, before the exam date
- For retakes: if an exam is cancelled after 5 days prior to the exam date
- Passing exam grants substantial contribution for 3 years
- Recertification required after 3 years
- Recertification exam fee: \$300
- No annual maintenance fees
- Group discounts available
- Three (3) years experience working with CDISC data
- Contact CDISC Certification for more information

There is an "Add to Cart" button and a "Quantity" input field.

The screenshot shows the CDISC Learning System interface. The main heading is "CDISC Tabulate Certification". The page is divided into two main sections:

### Step 1: Register for you Tabulate Certification exam

Thank you for enrolling in the CDISC Tabulate Certification program. You will soon receive an email with instructions on how to register for the CDISC Tabulate Certification exam.

After enrolling on Tabulate Exam, please review the **Pre-Exam User Guide**, prepare your testing environment and confirm your computer's compatibility. **BEFORE** your scheduled exam time. This will give you more time to take the test and help you avoid technical issues.

Please contact [certification@cdisc.org](mailto:certification@cdisc.org) for more information.

### Step 2: Take Your CDISC Tabulate Certification Exam

The certification exam can be taken at a Prometric (our testing partner) facility or through a proctored online session.

located within the chosen testing window.

**NOTE:** Scheduling will open on 15 November 2020. You will receive an email for the exam or if rescheduled that date. Your exam results will not be in a pilot period has been completed and all user results are analyzed to issue.

in passing exam(s): \$125

If exam is cancelled or rescheduled 30 days before exam date rescheduling fee of \$50 will be charged if requested more than 5 days, and less

The screenshot shows the Prometric website for the "CDISC - CDISC CERTIFICATION PROGRAM". The page includes a navigation menu with options like "TEST CENTER EXAM", "REMOTELY PROCTORED EXAM", "TEST SCHEDULE", "TEST OWNERS", "REMOTE ASSESSMENT", "ABOUT US", and "CONTACT".

**TEST CENTER EXAM**

Welcome! You are now ready to schedule your exam.

You have the option to take the exam at a Prometric Testing Center or as a remotely proctored online exam.

Please click the appropriate link to view available dates and times.

**Scheduling your exam:**

- To schedule your exam at a Prometric Testing Center

[Schedule your Exam at a Prometric Testing Center](#) | [Reschedule your Exam at a Prometric Testing Center](#) | [Cancel](#)

**REMOTELY PROCTORED EXAM**

[Schedule](#) | [Reschedule](#) | [Cancel](#)

[PREPARE FOR TEST DAY](#)



# Important Steps *BEFORE* the Exam

Review CDISC Certification Study Materials



Online: Check Computer Compatibility



Online: Prepare Room and Surroundings



In-Person & Online: Bring Government-issued I.D.

cdisc

New to CDISC Standards Education Resources Events Membership Members Only

Home / Education / CDISC Standards Certification

### CDISC Standards Certification

View Edit Delete Clone

Description	Exam Scope	Registration	FAQ	Tabula
Review the sample CDISC Tabulate Exam questions and their corresponding answers. You can review the Knowledge and Skill Statements associated with each question. Questions that do not appear in the Tabulate Exam.				
<b>Domain 1: General Concepts, Terms and Assumptions, and Conformance</b> Which data/time determines the population of the EPOCH variable if it is not specified? A. Start date/time of an observation or collection date/time B. Reference time point date/time C. Disease milestone instance date/time D. Planned start or end of assessment interval, as appropriate				
<b>Domain 2: General Concepts, Terms and Assumptions, and Conformance</b> Which statement is true? A. If CMT is 1, then the value of CMT is 1. B. A value of 1 for CMT indicates that the data is complete. C. CMT is a binary variable. D. CMT is a categorical variable.				
<b>Domain 3: Data Management</b> Biomarker data				

PROMETRIC COVID-19 UPDATE TEST TAKERS TEST OWNERS REMOTE ASSESSMENT ABOUT US CONTACT

## PROPROCTOR CANDIDATE INFORMATION

Important information on how to schedule and take your Prometric exam online

Chat Exit PROMETRIC

Live Proctor  
Request assistance

A Proctor will be with you shortly

Your Proctor will connect with you shortly and guide you through the following steps:

- 1. Confirm Identity**  
You will be asked to provide information about your exam, as well as show ownership of the computer you will be using.
- 2. Environment Scan**  
In this step, you will be asked to take a 360-degree scan of your room, including any unauthorized materials, including those in your room.
- 3. Security Check**  
The Proctor will inspect the following items: These include spyware, cameras, and any other devices that could be used to access the exam. You will be asked to check about your ears, sleeves, and hands.

XXXX XXXX XXXX

# Certificates and Badges

Available Upon Successful Exam Completion

Accessible in CDISC Learning System Profile Page

Shareable via Learning System Public Pages



# Certification Resources: [www.CDISC.org](http://www.CDISC.org)

Exam Scope	
Exam Domains and Corresponding Weight	Knowledge and Skill Statements
	Knowledge of the five major SDTM variable role types: identifier, topic, timing, qualifier, and rule
	Knowledge of variables and their usage restrictions (e.g., variables not for use in human clinical trials, domain-specific prohibitions of variables, domain-specific variables)
	Knowledge of the multiple uses of the two-character domain code
	Knowledge of dataset naming conventions
	Skill to correctly use the EPOCH variable
	Skill in ordering variables correctly for the general observation classes (e.g., identifier variables, then topic variable, then qualifier variables, then timing variables)
	Knowledge of the three values of the Core column: required, expected, and permissible
	Knowledge of the rules for splitting domains into separate datasets
	Knowledge of the use of metadata to describe the origin of variables or records in Define-XML
	Knowledge of how to determine the natural keys for a dataset in which not all records have the same combination of variables defining a unique natural key

## Exam Scope

Experience Recommendation
Does experience in CDISC standards other than SDTM count for the three-year experience recommendation?
Yes, experience in any CDISC standard can be considered for the experience recommendation.
Why is there a three-year experience recommendation?
We believe this is the minimum level of experience that test takers must have in order to have developed the specific skills that are tested on the certification exam.
Test locations
Can I take the test from my home or office?
Yes, test takers have the option to take the test remotely, provided their set up meets the remote proctor requirements, which can be found on the <a href="#">Prometric website</a> .

## FAQ

Review the sample CDISC Tabulate Exam questions and their corresponding Exam Domains below. The answer key for the practice test is located at the bottom of the page. You can review the Knowledge and Skill Statements associated with each Exam Domain by visiting the Tabulate Exam Scope page. Please note that the practice test questions do not appear in the Tabulate Exam.

**Domain 1: General Concepts, Terms and Assumptions, and Conformant Dataset Structure**

Which date/time determines the population of the EPOCH variable if included in a general observation class domain?

- A. Start date/time of an observation or collection date/time
- B. Reference time point date/time
- C. Disease milestone instance date/time
- D. Planned start or end of assessment interval, as appropriate

**Domain 2: General Observation Classes**

Which statement regarding topic or qualifier variables is correct?

- A. If CMTRT is not known for a record, it can be left empty.
- B. A value of "Dafalgan 10mg" in CMTRT is acceptable.
- C. CMDOSE and CMDOSTXT can both be populated in the same record.
- D. CMDECOD, if used, should contain a standardized medication/therapy term.

**Domain 3: Domain-Specific Knowledge**

Biomarker data pertaining to body temperature associated with a fever should reside in which SDTMIG domain?

- A. Biomarker Test Results (BR)

## Practice Test



# Tabulate Certification: What's to Come

CDISC Member Partnerships

Learning Paths, Leading to Certification

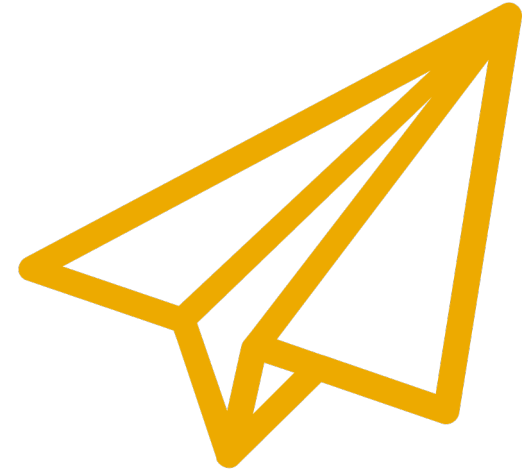
CDISC Administered Prep Courses

Onsite Testing at CDISC Interchanges



# CDISC Certification Questions

Contact [certification@cdisc.org](mailto:certification@cdisc.org)



## Thank You!