

Non-Standard Variables in Standards Development – The Ultimate Oxymoron

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Meet the Speakers

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Rebecca Baker is the lead of the NSV Registry Sub-team. She has over 20 years of experience in healthcare, clinical research, and data standards. Rebecca has a Master of Science, Health Informatics and Bioinformatics, Master of Healthcare Administration, and a Bachelor of Nursing.



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Isn't a Nonstandard variable (NSV) an oxymoron for standards development?

Agenda

- 1. What is a non-standard variable (NSV)
- 2. Where you may have seen NSVs before
- 3. The genesis of the NSV registry and where it is located on the CDISC website
- 4. How to use the NSVs and guidance for using fragments to build an NSV if there isn't one that covers the needed concept

What is a non-standard variable (NSV)? NSV vs SUPPQUAL



What is an NSV?

- Data requiring the use of variables outside the standard set of variables published in the SDTM can be captured using **Non-Standard Variables**
- They may be authored and published in a CDISC standards document
- They may be authored and in use by your own organization
- They are not part of the SDTM data model



What is an NSV?

Use of NSV in a clinical SDTM Dataset:

is.xpt

Rows 1, 2, 3, 4: Show screen and quantification tests for IgA and IgG binding autoantibodies for the subject previously diagnosed with celiac disease. Rows 5-6: Show screening and quantification tests for the subject with a history of Crohn's disease.

TUDYID	DOMAIN	USUBJID	ISSEQ	ISGRPID	ISLNKID	ISTESTCD	ISTEST	ISCAT	ISSCAT	ISORRES	ISORRESU	ISSTRESC	ISSTRESN	ISSTRESU	ISNAM	ISSPEC	ISMETHOD	VISITNUM	VISIT	ISDTC	ISBDAGNT	ISTSTOPO
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IS NSV Met	tadata				
Variable	Label	Туре	Role	Codelist	Origin
ISBDAGNT	Binding Agent	text	Non-standard Record Qualifier		CRF
ISTSTOPO	Test Operational Objective	text	Non-standard Variable Qualifier ofTESTCD andTEST	(TSTOPOBJ)	CRF

https://wiki.cdisc.org/display/DIAB1/History+of+Autoimmune+Disease

*NSV Metadata is described in the Define-XML documentation



Supplemental Qualifiers (SUPPQUAL)

-	sr.xpt	t														
•	Row	STUDYID	DOMAIN	USUBJID	SRSEQ	SRTESTCD	SRTEST	SROBJ	SRORRES	SRORRESU	SRSTRESC	SRSTRESN	SRSTRESU	SRLOC	VISITNUM	VISIT
•	1	SPI-001	SR	SPI-001-11035	1	FLRMDIAM	Flare Mean Diameter	Histamine Control 10 mg/mL	5	mm	5	5	mm	BACK	1	VISIT 1
	2	SPI-001	SR	SPI-001-11035	2	FLRMDIAM	Flare Mean Diameter	Histamine Control 10 mg/mL	4	mm	4	4	mm	BACK	1	VISIT 1
•	3	SPI-001	SR	SPI-001-11035	3	FLRMDIAM	Flare Mean Diameter	Histamine Control 10 mg/mL	5	mm	5	5	mm	BACK	1	VISIT 1
	4	SPI-001	SR	SPI-001-11035	4	FLRMDIAM	Flare Mean Diameter	Histamine Control 10 mg/mL	5	mm	5	5	mm	BACK	-1	Lucit

suppsr.xpt

Ι	Row	STUDYID	RDOMAIN	USUBJID	IDVAR	IDVARVAL	QNAM	QLABEL	QVAL	QORIG
Γ	1	SPI-001	SR	SPI-001-11035	SRSEQ	1	SRSUBLOC	Anatomical Sub-Location	QUADRANT1	CRF
Γ	2	SPI-001	SR	SPI-001-11035	SRSEQ	2	SRSUBLOC	Anatomical Sub-Location	QUADRANT2	CRF
Γ	3	SPI-001	SR	SPI-001-11035	SRSEQ	3	SRSUBLOC	Anatomical Sub-Location	QUADRANT3	CRF
Γ	4	SPI-001	SR	SPI-001-11035	SRSEQ	4	SRSUBLOC	Anatomical Sub-Location	QUADRANT4	CRF

Is an NSV different from a SUPPQUAL?



NSVs are simply a different representation of the same content in a supplemental qualifier....

QNAM/QLABEL = NSV Name/NSV Label It is just the structure that is changing



Where you may have seen NSVs before

IGs, TAUGs, CT Relationships, etc.

			w to CDISC Standards Educ	Cdisc.org/standards/terminology/controlled-terminology
		Home / Standards / Foundational / QRS		NIH NATIONAL CANCER INSTITUTE Enterprise Vocabulary Services
In	Standa	Description QRS Supplements New QRS Su	upplements FAQ QRS Resou	CDISC, in collaboration with the National Cancer Institute's Enterprise Vocabulary Services (EVS), supports the Controlled Terminology needs of CDISC Foundation Therapeutic Area Standards.
		How can I access the published supplements?		Controlled Terminology is the set of codelists and valid values used with data items within CDISC-defined datasets. Controlled Terminology provides the values requi submission to FDA and PMDA in CDISC-compliant datasets. Controlled Terminology does not tell you WHAT to collect; it tells you IF you collected a particular data it should submit in your electronic dataset.
		QRS Supplements		. New requests or changes to existing Terminology can be accessed through the CDISC New Term Request Page.
		Displaying 1 - 287 of 287 SDTM Domain/ADaM Dataset Permission	QRS Name Starts	Controlled Terminology Release As of 29 September 2023, the DDF, Protocol Entities, SDTM, and SEND Controlled Terminology files have been updated on the NCI-EVS Ftp site. The version dates of
	CDISC	SDTM Domain/ADaM [Permission		are 2023-09-29. These terminology files replace all older DDF, Protocol Entities, SDTM, and SEND terminology files and include terms from Review Package 55. There
Revis Data 2022-		CAT Contains Apply		approximately 266 new QRS terms and 387 new terms across DDF, Protocol Entities, SDTM, and SEND terminology Ries. Additionally there are: • Update to 7 published Codetable Mapping Ries: DS, EG, IS, RF, RP, SC, and TS • Update to 4 Terminology Development Rules documents: IS, LB, MB and MS, and QRS • Update to Controlled Terminology Requests Denied Rie • Update to CDRSC Terminology Publication Schedule • Update to to CDSC Terminology Publication Schedule • Update to the SDTM and SEND paired view Riles
2022- 2021- 2018- 2019- 2019- 2012- 2006- 2005-	This implementa Tabulation Mode	QRS Name	Short Name (CAT)	Controlled Terminology Release 29 September 2023
2008- 2008- 2005- 2004-	Revision History	10-Meter Walk/Run	10-METER WALK/RUN	Supplemental Files NCI FTP Links Resources Rules Codetable Mapping Files Unit-UCUM Mapping File LOINC to LB Mapping Files Paired Codelists
See ds	Date 2021-03-30	10-Meter Walk/Run	10-METER WALK/RUN	SEND Tumor Combinations
	2016-06-27 2011-04-30	12-Item Multiple Sclerosis Walking Scale	MSWS-12	New Term Request Page Multiple Term Request

Non-standard variables can be found in IGs, QRS Supps, CT relationships

cdisc

Therapeutic Area User Guides (TAUGs)

CDISC has published 50 TAUGs in the following categories:

- Autoimmune
- Cardiovascular
- Endocrine
- Gastrointestinal
- Infectious
- Mental Health

- Neurology
- Oncology
- Rare Diseases
- Respiratory
- Treatments
- Other

Almost all of the TAUGs contain non-standard variables!

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All TAUGs are available for download in multiple formats at: <u>www.cdisc.org/standards/therapeutic-areas</u>

The genesis of the NSV Registry



- Non-standard variables (NSVs) exist across many standards documents.
 - Hard to find for re-use purposes
- NSVs may have inconsistent names and labels.
 - NSVs may be duplicated conceptually
- NSVs may be incorrect conceptually.



Solution



We need a place that contains all published NSVs (to promote re-use) and an oversight process for the development of new NSVs...

A Team was Formed:

- Identified the issues
- Performed an analysis
- Proposed the NSV Registry





Vision:



Ensure the development teams use the NSVs consistently.



Help identify NSVs for promotion to the model/IG.

3

Allow CDISC users to access the NSV information so they can use them within their organizations



NSV Registry - Two Ways to Search

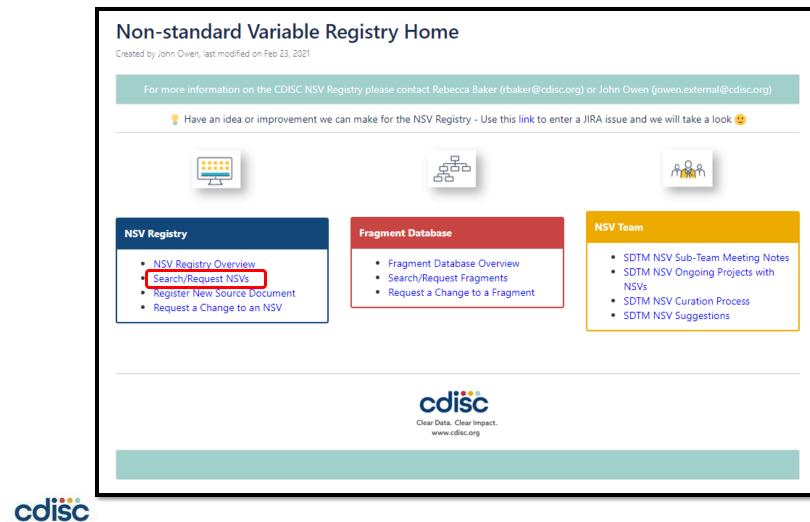
From the CDISC Website

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cdisc	New to CDISC	Standards	Education	Resources	Events	Membe	ership	
Home / Standards / Terminology /								
Non-Standard Varia	bles Regist	ry						
NSVs Fragments								
The Non-Standard Variables (NSV) Regis implementing CDISC Standards. The NS	·			rd variables to di	rive consistenc	:y in		
 NSVs: A singular resource curated variables. 					sing non-stand	dard		
 Fragments: A list of suggested va 	riable-naming fragments	as well as princi	ples for creating	fragments.				
Approved Non Standard Variables 2023 Approved Fragments 2023-04-20	-04-20							
The NSV team is composed of represen	tatives from SDS. CT. SEN	ND. CDASH. and	ADaM Standard	s Development t	eams who app	prove the		
variables and metadata to ensure consis build the variables consistently.							s	
NSVs and SUPPQUALs								
The SDTM does not allow the addition of	f new variables. Therefor	e, the Suppleme	ental Qualifiers s	pecial-purpose d	ataset model i	s used to		

From the CDISC Wiki

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5	1	ACIGD	Active Ingredients	The name(s) of the	This may be collected in	Approved	CDASHIG vX.Y	Document	Document 💌	•	If going to SDTM may	•	
5	ľ	ROIGD	Active ingredients	active ingredients	addition to the	Approved	CDASHIG VA.T				need to have one		
					medication/therapy name. Collecting this provides						active ingredient record per variable.	Non-Standard	
1	2	ADMDEV	Administration Device	administered. Response value of	more detailed information Used in QRS domains	Approved	QRS: ADCS-ADL	Internal Review				Variable Qualifier	
	ľ		Administration Device	device used for data	Used in Qivo domans	Approved	MCI v1.0	Internal itteview					
				collection, either in the protocol, or study								Non-Standard Record	
1	3	ADMODP	Administration Mode of	documents Response value for	Used in QRS domains	Approved	QRS: ADCS-ADL	Internal Deview				Qualifier	_
	ľ	RDMODE	Presentation	how the instrument	Used in QKS domains	Approved	MCI v1.0	Internal Neview					
				was presented to the subject as defined in a								Non-Standard Record	
Ŀ	4	AFFPER	Affected Performance	protocol, or study	QRS:NHPT, PASAT,	Approved	QRS: NHPT v1.0				NSV updated to	Qualifier	
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10				circumstances that affected the patient's			QRS: T25FW v1.0				name, now it meets the character	Non-Standard Result	
	5	ANTPLN	Anatomical Plane	performance:		Approved	QRS: RECIST	Public Review			requirements. Moved	Qualifier	_
	ľ		Anatomical Plane	The position and orientation of the		Approved	V1.1 v1.0	FUDIIC REVIEW					
				image slice relative to the patient-based								Non-Standard Record	
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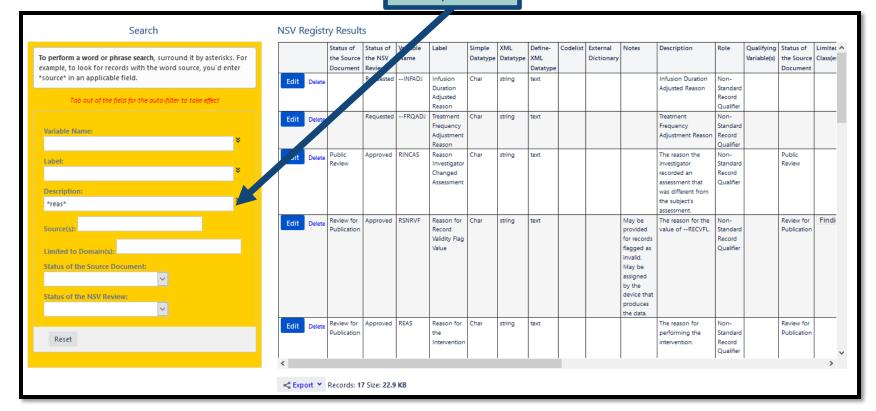


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https://wiki.cdisc.org/display/NSVREG/Non-standard+Variable+Registry+Home

NSV Search on Wiki

Enter *keyword* in **Description field**





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	8	BIRTH		BIRTH	BRTH	BTH	BT	В	
	9	BODY			BODY	BOD	BD	В	
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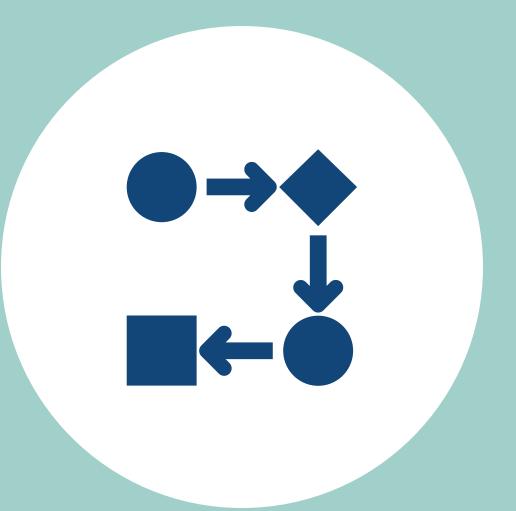
NSV Fragment Search on Wiki

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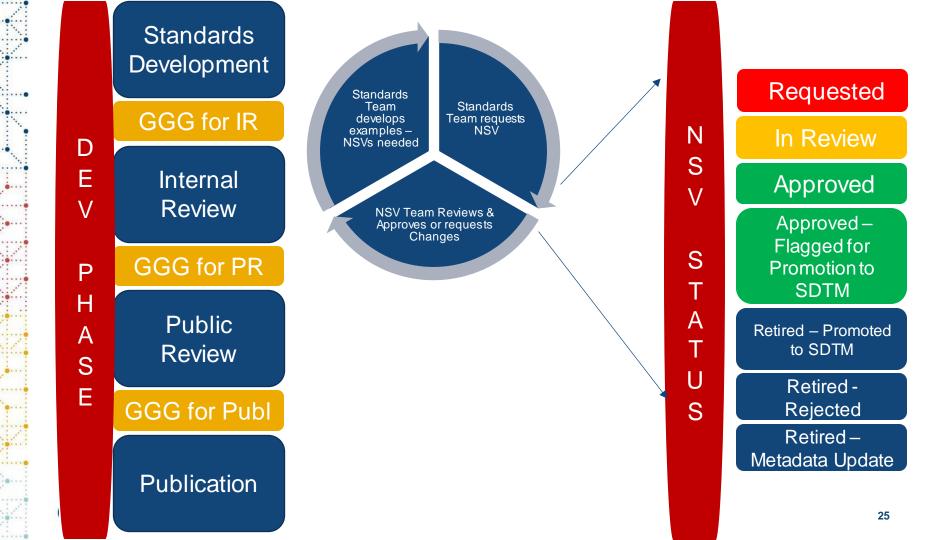
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Non-standard Variable Registry Home

Created by John Owen, last mo	User - NSV Fragments Created by John Owen, last modified by Rebecca Baker on Mar 12, 2021								
For more informati	9								
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NSV Registry	 When using the fragment database to create NSVs, it is suffix or in the middle). It is best to avoid using fragments in these locations fo Generally, for ADaM non-standard variable, the For example, if any variable ending with *TL, the Another example, any variable ending with *TL, For SDTM NSV, when these variables carry to AD seems for SDTM NSV the naming convention cu For more information, see Variable Label/Variable Frag 	or NSVs to avoid conflict naming convent is the c en its value can only be r DTM, the expected varia DaM datasets, how their irrently focus more on th	s in traceability acros one some times could oull, Y or N, and no or able type is integer a name choose could	ss the foundational m d associated with wha thers, otherwise, it w and can't be character	nodels. at expected variable ty ill trigger ADaM comp	pe, expected value the liance.	y are usually consider	ed as overall.	
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 Search/Request I Register New Sol 	6 Character Fragment: 5 Character Fragment: 4 Character Fragment: 3 Character Fragment:	APPROVED APPROVED APPROVED APPROVED APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW IN-REVIEW IN-REVIEW IN-REVIEW IN-REVIEW	ACTION ADJUSTMENT ANCHOR ASSAY BASELINE BIRTH BODY CANCER CATEGORY CHARACTER CLASS CLINICAL CODE COMMENT CONCOMITANT CONCOMITANT CONGENITAL	ACTION ADJUST ANCHOR BASLNE CANCER CANCER CATGRY CHARCT CLINCL COMMNT CONDTN	ACTON ADJST ANCHR ASSAY BASLN BIRTH CANCR CATGY CHARC CLASS CLINC COMNT CNDTN	ACTN ADJT ADJT ANCR ASAY BSLN BRTH BODY CANC CATG CHAR CLAS CONE COMT COND CONG	ACN ADJ ANR ASY BLN BTH BOD CAN CAT CHR CLS CUN COD COM CON CN	AC AJ AN AS BL BT BD CA CT CR CR CC CD CO CM CN	AAABBCC CC C CC CC CC CC CC C CC
 Search/Request I Register New Sol 	6 Character Fragment: 5 Character Fragment: 4 Character Fragment:	APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED Nn-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW X	ACTION ADJUSTMENT ANCHOR ASSAY BASELINE BIRTH BODY CANCER CATEGORY CHARACTER CLASS CLINICAL CODE COMMENT CONCOMITANT CONDITION CONGENITAL COUNTRY	ACTION ADJUST ANCHOR BASLNE CANCER CARCER CATGRY CHARCT CLINCL COMMNT CONDTN CONDTN	ACTON ADJST ANCHR ASSAY BASLN BIRTH CANCR CATGY CHARC CLINC CUINC COMNT CNTN CNTRY	ACTN ADJT ADJT ANCR ANCR BSLN BRTH BODY CANC CATG CHAR CLAS CUIN COME COND CONG CTRY	ACN ADJ ANR ANR BUN BTH BOD CAN CAN CAT CHR CLS CLN COD COM CON CON CON CON CON CON CON CON CON	AC AJ AJ AN AS BL BD CA CT CR CC CC CC CC CC CC CC CC CC	AAAAABBBCC CC C CC C CC C CC C
 Search/Request I Register New Sol 	6 Character Fragment: 5 Character Fragment: 4 Character Fragment: 3 Character Fragment:	APPROVED APPROVED APPROVED APPROVED APPROVED IN-REVIEW APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED	ACTION ADJUSTMENT ANCHOR ASSAY BASELINE BIRTH BODY CANCER CATEGORY CHARACTER CLASS CLINICAL CODE COMMENT CONDITION CONGENITAL COUNTRY COUNTRY	ACTION ADJUST ANCHOR BASLNE CANCER CANCER CATGRY CHARCT CLINCL COMMNT CONDTN	ACTON ADJST ANCHR ASSAY BASLN BIRTH CANCR CATGY CHARC CLASS CLINC COMNT CNDTN	ACTN ADJT ADJT ANCR ASAY BSLN BRTH BODY CANC CATG CHAR CLAS CONE COMT COND CONG	ACN ADJ ANR ASY BLN BTH BOD CAN CAT CHR CLN CON CON CON CNR CRT	AC AJ AJ AN AS BL BD CA CT CC CC CC CC CC CC CC CC CC	A A A A B C C C C C C C C C C C C C C C
 Search/Request I Register New Sol 	6 Character Fragment: 5 Character Fragment: 4 Character Fragment: 3 Character Fragment:	APPROVED APPROVED APPROVED APPROVED APPROVED IN-REVIEW APPROVED APPROVED APPROVED APPROVED APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED APPROVED IN-REVIEW APPROVED IN-REVIEW IN-REVIEW IN-REVIEW IN-REVIEW IN-REVIEW IN-REVIEW IN-REVIEW IN-REVIEW	ACTION ADJUSTMENT ANCHOR ASSAV BASELINE BIRTH BODY CANCER CANCER CATEGORY CHARACTER CLASS CLINICAL CODE COMMENT CONCOMITANT CONCOMITANT CONDITION CONTRY CONTRY CONTRY CRITERIA DAY	ACTION ADJUST ANCHOR BASLNE CANCER CARCER CATGRY CHARCT CLINCL COMMNT CONDTN CONDTN	ACTON ADJST ANCHR ASSAY BASLN BIRTH CANCR CATGY CHARC CLINC CUINC COMNT CNTN CNTRY	ACTN ADJT ADJT ANCR ANCR BSLN BRTH BODY CANC CATG CHAR CLAS CUIN COME COND CONG CTRY	ACN J ADJ ANR ANR BIN BLN BTH BOD CAN CAT CHR CLS CLN CON CON CON CNR CRT DAY	AC AJ AJ AN AS BL BD CA CT CR CC CC CC CC CC CC CC CC CC	AAAAABBBCC CC C CC C CC C CC C
 Search/Request I Register New Sol 	6 Character Fragment: 5 Character Fragment: 4 Character Fragment: 3 Character Fragment: 2 Character Fragment:	APPROVED APPROVED APPROVED APPROVED APPROVED IN-REVIEW APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED IN-REVIEW APPROVED	ACTION ADJUSTMENT ANCHOR ASSAY BASELINE BIRTH BODY CANCER CATEGORY CHARACTER CLASS CLINICAL CODE COMMENT CONDITION CONGENITAL COUNTRY COUNTRY	ACTION ADJUST ANCHOR BASLNE CANCER CARCER CATGRY CHARCT CLINCL COMMNT CONDTN CONDTN	ACTON ADJST ANCHR ASSAY BASLN BIRTH CANCR CATGY CHARC CLINC CUINC COMNT CNTN CNTRY	ACTN ADJT ADJT ANCR ANCR BSLN BRTH BODY CANC CATG CHAR CLAS CUIN COME COND CONG CTRY	ACN ADJ ANR ASY BLN BTH BOD CAN CAT CHR CLN CON CON CON CNR CRT	AC AJ AJ AN AS BL BD CA CT CC CC CC CC CC CC CC CC CC	AAAAABBBCC CC C CC C CC C CC C



Curation Process





NSV requested

Directly populated in the registry on the CDISC wiki.

cdisc

	register your source document before enterin riew: * Requested	document is registered - If you document is not g any NSVs * Required Provide variable name in root form, without a domain or "" prefix.
NSV General Informa Variable Name: *	ation	Provide variable name in root form, without a
Variable Name: *		Provide variable name in root form, without a
Provide variable name in root form, without a	Label: *	
Descriptive Informati	tion	
Description *		These two parts typically come together as "CDISC Notes" in a specification table.
Notes Usage notes and/or examples for the NSV	Usage notes and/or examples for the NSV	"Description" describes what the NSV is/does, and "Notes" covers how to use it, including examples of values.
Class and Domain Re	estriction	
Limited to Class(es) Leave blank if the NSV is not class-specific.	Leave blank if the NSV is not class-specific.	
Limited to Domain(s) Leave blank if the NSV is not domain-specific.	Leave blank if the NSV is not domain-specific. To list the domain(s) in which the NSV has been used, see "Used in Domain(s)".	To list the domain(s) in which the NSV has been used, see "Used in Domain(s)".
	Notes Usage notes and/or examples for the NSV Class and Domain R Limited to Class(es) Leave blank if the NSV is not class-specific. Limited to Domain(s) Leave blank if the NSV	Notes Usage notes and/or examples for the NSV Usage notes and/or examples for the NSV Usage notes and/or examples for the NSV Class and Domain Restriction Usage notes and/or examples for the NSV Leave blank if the NSV is not class-specific. Leave blank if the NSV is not class-specific. Limited to Domain(s) Leave blank if the NSV is not domain-specific. Leave blank if the NSV is not domain-specific. To list the domain(s) in which the NSV has been used, see "Used in Domain(s)".

Delete

#	Review Item by Team	SEND	CDASH	ст	SDS	ADaM	Admin
1	Variable name less than 6 characters (defaulted programmatically)						х
2	Make sure it is not more than 40 characters (defaulted programmatically)						х
3	Make sure there are no special characters used (with exception of a dash)						х
4	Make sure all the domains that are used are listed.						х
5	What is the NSV intended to do and is it doing it? Is this the right use of the variable?	х	х	x	x	х	
6	Is there another standard variable that could have been used?	х	х	x	x	х	
7	Look at the Variable Name and check that the correct fragments have been used and it makes sense?	х	х	x	x	х	
8	Look at the Variable Label and check that the correct name has been used and it makes sense?	х	х	x	x	х	
9	Check the Variable Definition that it is consistent and worded similarly to other similar variables. (Variable Definitions Team Home - slide resource)	х	х	x	x	х	
10	Make sure there are no examples in the description field, only in the notes	х	х	x	x	х	
11	Review the Role to make sure it is the same as others in that Role (resource- SDTM Variable Roles Team Charter)	x	х	x	x	х	
12	Has the correct CodeList been used? If no CodeList, should their be one?			x			
13	Review of label from SDS perspective - what is the meaning of the variable, check NCIt for similar dictionary, do due diligence of what is being collecting. What does the data point that is being collected that cannot go back to the domain? Check the CRF (if available). Check the SDTMIG to ensure it reads consistently to other labels.			х	x		
14	The variable name is meaningful with respect to the variable label.			x	x		
15	If there is a CDASH example, is the NSV used on the form correctly and follow from CDASH to SDTM?		х				
16	Is the way the variable is collected and the way it is represented make sense? (DEFINE)		х				
17	Is the datatype correct?					х	
18	Does any of the metadata have an impact on ADaM?					х	
19	Does any of the metadata have an impact on SEND?	х					

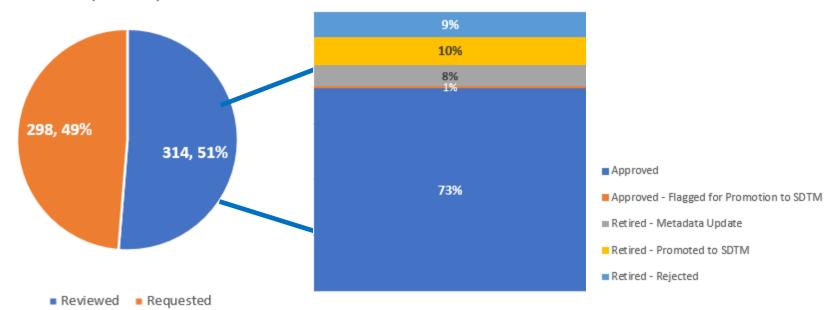


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12E



NSV Registry Count, Percentage (n=612)



Started registry review team in 2020, numbers cumulative



How to use the NSVs

and guidance for using fragments to build an NSV if there isn't one that covers the concept needed

Uses for the NSV Registry

CDISC Standards Dev Team

- Easily search and find existing NSVs
- Request the development of new NSVs for new standards
- Identifies those NSVs eligible for promotion to SDTM variables

CDISC User Community

- Easily search and find existing NSVs
- Identifies CDISC Controlled Terminology codelists that support existing NSVs

Enables consistent use of non-standard variable names and labels



How to make a Non-Standard Variable Name & Label

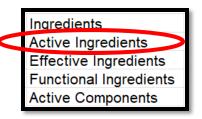
#1

Identify the *Concept* where a variable is needed



#2

Determine the best Label for the identified concept



#3

Use fragment database to determine options for the Variable Name. Fragment

ACTIVE

6 Char 5 Char 4 Char 3 Char 2 Char 1 Char ACTIVE AC INGREDIENT INGRED INGRD IGRD IGD IG **Options:** ACTVEI ACTVIG ACTIGD ACIGRD AINGRD

#4

Select the best Variable Name for the concept.

Variable Name Variable Label AINGRD Active Ingredient



Guidance for using fragments to build an NSV if there isn't one that covers the concept needed

- Use the fragment database to build the Variable Name
 - Made available on the CDISC website and CDISC wiki
- Variable Name should be six characters or less
 - Reserve two letters for the domain code
- Reserve the most letters for the main concept or idea in the Variable Label Remove vowels first, then consonants
 - Start with 'skinny' vowel "I" first
- Remove duplicate letters
 - Double-duty!
- Consider multiple options to assess the best readability
 - Uniqueness is still of primary importance but readability helps to remember what the variable is used for







NSV Sub Team Members

Team Member	Representing
@ Rebecca Baker	CDISC Standards Development
@ Dianna DiRusso	CDISC Project Management
@ Erin Muhlbradt	CT/Variable Definitions
@ Smitha Karra	СТ
@ Linshan	ADaM
@ Gustav Bernard	ADaM
@ Amy Adyanthaya	SDS
@ Ramya.gangadi	SDS
@ Erin Tibbs-Slone	SEND
@ Emilea Norris	CDASH



Additional Resources and Important Links

- CDISC Website: https://www.cdisc.org/standards/terminology/non-standard-variables
- CDISC Wiki: <u>https://wiki.cdisc.org/display/NSVREG/Non-</u> <u>standard+Variable+Registry+Home</u>
 - <u>https://wiki.cdisc.org/display/PUB/Alternative+Representation+of+Non-Standard+Variables</u>
- Knowledge Base:
 - <u>https://www.cdisc.org/kb/articles/cdisc-published/why-would-standards-development-organization-make-non-standard</u>
 - <u>https://www.cdisc.org/kb/articles/does-qnam-need-start-domain-code</u>
- SDTMIG v3.4:
 - <u>https://www.cdisc.org/standards/foundational/sdtmig/sdtmig-v3-4</u>



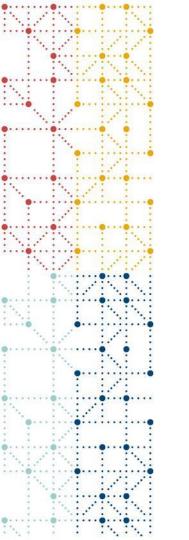
Thank You and Questions!

muhlbradtee@mail.nih.gov

rbaker@cdisc.org

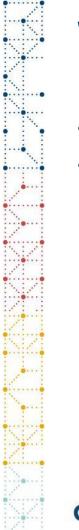
ddirusso@cdisc.org





Supplemental Materials





What is coming?

....the SUPP NSV dataset

- A new structure for NSVs instead of SUPPQUALs
- <u>NS-- Assumptions</u>

SUPP-- to NS-the new structure proposed for SDTMIG v4.0

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https://wiki.cdisc.org/display/SDTMIG4DOT0/NS--+Assumptions

NSVs are simply a different representation of the same content in a supplemental qualifier.... QNAM/QLABEL = NSV Name/NSV Label

- Permitting direct viewing of standard variables and NSVs within the same structure, eliminating the need for tools or the writing of programs to display the data together.
- Eliminating some current SUPP-- structural limitations by allowing:
 - Numeric NSVs to be represented in a numeric data type
 - Character NSVs to be defined with an appropriate length for each variable, rather than the typical default of #200 for QVAL
 - Allowing metadata for NSVs (including Controlled Terminology) to be applied at the variable level instead of the value-level

Future Versions of Clinical IGs/UGs will transition to the exclusive use of NSVs structures

