UDSv4 1.1.0 - Feb 2025

*** Critical updates that may affect already collected data**

1. *[REDCap] [Data Element Dictionary] [Error checks] Form Header instrument – add character limit to PTID
- [REDCap] Added @CHARLIMIT=10 to the field ptid.
- [Data Element Dictionary] Specified that PTID should be limited to 10 characters in 'conformity' column
- [Error checks] Added check "preprocess-015" to limit the PTID field to 10 characters
- If you previously entered a value with more than 10 digits for any records, you'll need to return and edit those entries.

2. [REDCap] Form A1 – fix typo disabling response options
Typo in embedded field: for variable name a1_section8, changed {loc_blackLicons} to {loc_black:icons}. User would have been unable to select Black or African American race options because of the typo.

3. *[Data Element Dictionary] Form A1 – allowable response correction
Q1b. BIRTHYR (Participant's birth year) erroneously included '9999' = Unknown in the 'response_label' column. 9999 is not an allowable code for this field. This has been removed from the DED.

4. [REDCap] Form A3 – descriptive field correction
Remove apostrophes that surround 9999 from dobwarning fields:
- loc_momdobwarning
- loc_daddobwarning
- loc_sib1dobwarning
- loc_sib2dobwarning
- loc_sib3dobwarning
- loc_sib4dobwarning
- loc_sib5dobwarning
- loc_sib6dobwarning
- loc_sib7dobwarning
- loc_sib8dobwarning
- loc_sib9dobwarning
- loc_sib10dobwarning
- loc_sib11dobwarning
- loc_sib12dobwarning
- loc_sib13dobwarning
- loc_sib14dobwarning
- loc_sib15dobwarning
- loc_sib16dobwarning
- loc_sib17dobwarning
- loc_sib18dobwarning
- loc_sib19dobwarning
- loc_sib20dobwarning
- loc_kid1dobwarning
- loc_kid2dobwarning
- loc_kid3dobwarning
- loc_kid4dobwarning
- loc_kid5dobwarning
- loc_kid6dobwarning
- loc_kid7dobwarning
- loc_kid8dobwarning
- loc_kid9dobwarning
- loc_kid10dobwarning
- loc_kid11dobwarning
- loc_kid12dobwarning
- loc_kid13dobwarning
- loc_kid14dobwarning
- loc_kid15dobwarning

5. [REDCap] Form A5/D2 - field label correction
    Field label of field "loc_canc" replaced with "5m1. Type of cancer (select all that apply)"

6. [PDF] [REDCap] [Data Element Dictionary] [Error checks] Form A5/D2 - response label correction
- [PDF] Edited "GLP-1 activator" to "GLP-1 agonist" in 5a2c and 5a2d response fields
- [REDCap] Edited "GLP-1 activator" to "GLP-1 agonist" in field "loc_diab" response labels and "diabglp1" and "diabrecact" field descriptions
- [Data Element Dictionary] Edited "GLP-1 activator" to "GLP-1 agonist" in "diabglp1" and "diabrecact" question labels
- [Error checks]
  - DIABGLP1
    - a5d2-ivp-c-165: change GLP-1 "activators" to "agonist"
  - DIABRECACT
    - a5d2-ivp-c-166: change GLP-1 "activators" to "agonist"

7. *[PDF] [REDCap] [Data Element Dictionary] [Error checks] Form A5/D2 - Edits to all age and years of use fields in Section 7 – Menstrual and reproductive health

- [PDF] Edited 7a, 7b, 7d1, 7d2, 7d3, 7e1, 7e2, and 7e3 fields to allow three digits (instead of two), and change all informative missing codes "88" to "888" and "99" to "999".

- [REDCap]
  - "Menarche"* originally had 88 = Never had a menstrual period, 99 = Unknown; Changed to 888= Never had a menstrual period, 999= Unknown
  - "Nomensage"*
    - Originally had 10-70, 888 = Still menstruating, 999 = Unknown; changed to 10-70, 888 = Still menstruating, 999 = Unknown
    - Originally had branching logic = [menarche]<>" and [menarche]<>'88'; changed to [menarche]<>" and [menarche]<>'888'
  - "loc_nomens" originally had branching logic = [nomensage]<>" and [nomensage]<>'88'; changed to [nomensage]<>" and [nomensage]<>'888'
  - "Hrtyears"* originally had 0-70, 99=Unknown; changed to 0-90, 999=Unknown
  - "Hrtstrtage"* originally had 10-70, 99 unknown; changed to 10-110, 999=Unknown
  - "Hrtendage"* originally had 10-70, 88= Still presently using, 99 = Unknown; changed to 10-110, 888= Still presently using, 999 = Unknown
  - "Bcpillsyr"* originally had 0-50, 99=Unknown; changed to 0-50, 999=Unknown
  - "Bcstartage"* originally had 10-70, 99=Unknown; changed to 10-70, 999=Unknown
  - "bcendage"* originally had 10-70, 88= Still presently using, 99 = Unknown; changed to 10-70, 888= Still presently using, 999 = Unknown
  - *indicates that if a value has already been captured for that field, it might be lost. That is because of the new ranges (e.g. if they selected the choice 88, that value is lost since there is no longer an 88.
- [Data Element Dictionary] Edited conformity (with corresponding changes to response labels) for "MENARCHE", "NOMENSAGE", "HRTYEARS", "HRTSTRTAGE", "HRTENDAGE", "BCPILLSYR", "BCSTARTAGE", and "BCENDAGE":
  - "MENARCHE" edited from "5-25, 88, 99" to "5-25, 888, 999".
  - "NOMENSAGE" and "BCENDAGE" edited from "10-70, 88, 99" to "10-70, 888, 999".
  - "HRTYEARS" edited from "0-70, 99" to "0-90, 999".
  - "HRTSTRTAGE" edited from "10-70, 99" to "10-110, 999".
  - "HRTENDAGE" edited from "10-70, 88, 99" to "10-110, 888, 999".
  - "BCPILLSYR" edited from "0-50, 99" to "0-50, 999".
  - "BCSTARTAGE" edited from "10-70, 99" to "10-70, 999".

- [Error Checks]
  - MENARCHE
    - a5d2-ivp-c-313: update 88,99 to 888,999
  - NOMENSAGE
    - a5d2-ivp-m-314: update 99 to 999
    - a5d2-ivp-m-315: update 88 to 888
    - a5d2-ivp-c-316: update 88,99 to 888,999
    - a5d2-ivp-m-327: update 99 to 999
    - a5d2-ivp-m-368: update 88 to 888

HRTYEARS
- a5d2-ivp-c-333: update max from 70 to 90, 99 to 999

HRTSTRTAGE
- a5d2-ivp-c-336: update max from 70 to 110, 99 to 999

HRTENDAGE
- a5d2-ivp-c-339: update max from 70 to 110, 88,99 to 888,999

BCPILLSYR
- a5d2-ivp-c-345: update 99 to 999

BCSTARTAGE
- a5d2-ivp-c-348: update 99 to 999

BCENDAGE
- a5d2-ivp-c-351: update 88,99 to 888,999

8. [REDCap] Form B1 - descriptive field correction
Edited ["b1_section3"] field in the row for Reading 2 of 5b. from "(888 = not assessed) to "(888/888 = not assessed)"

9. [REDCap] Form B4 – fix typo in field label
Typo: Corrected field label of "b4_embed2" from "particpant" to "participant"

10. *[REDCap] Form B4 – logic correction when submitting a Down Syndrome module
Replace dssub with loc_dssub in the Action Tags of these fields: memory, orient, judgment, commun, homehobb, perscare, cdrglob, comport, cdrlang. Also changed the Action Tag configuration to @IF([loc_dssub]='1', @SETVALUE='99' @READONLY, @HIDECHOICE='99')

11. *[REDCap] Form B4 – correction to calculated CDRSUM variable
- If "Yes" is selected for "loc_dssub" ("Will you complete a Down Syndrome Module with this UDS visit) in the form header, all variables on form B4 are automatically set to 99 and not editable.

- Previously, if 99 was selected for any Q1-6, then 99 would incorrectly be added to the total Q7 CDRSUM instead of being set to 99. Changed the equation to:
  - if([loc_dssub]='1', '99',
    if(([memory] = '' or [orient] = '' or [judgment] = '' or [commun] = '' or [homehobb] = '' or [perscare] = ''), '',
    if(([memory] = '99' or [orient] = '99' or [judgment] = '99' or [commun] = '99' or [homehobb] = '99' or [perscare] = '99'), '99',
    sum([memory],[orient],[judgment],[commun],[homehobb],[perscare])))).
- You may need to run Data Quality Rule H to correct the issue on any already-collected data.

12. [REDCap] Form B8 – fix typo in field label
Corrected field label of "b8_warning_2" from "vieod" to "video"

13. *[REDCap] [Data Element Dictionary] Form B8 - response label mapping correction
- [REDCap] The response label for Q4 OTHERSIGN had "Not Applicable"   incorrectly mapped to 8. This has been corrected to 2.

- [Data Element Dictionary] The response label for Q4 OTHERSIGN had "Not Applicable" incorrectly mapped to 8. This has been corrected to 2.

14. [REDCap] Form B9 – field label correction
Incorrect field label for question 12r1e (field "cannabuse"); changed from "Cocaine" to "Cannabis"

15. [REDCap] Form B9 – fix typo disabling response for Q8
Change b9_section2 to embed the field "decclcog" instead of "decclog". User would have been unable to select response for Q8 because of the typo.

16. *[Error Checks] Form B9 – Correction to COGAGE error checks
b9-ivp-m-056 and b9-ivp-m-057 were incorrectly relying on DECCLCOG to determine whether or not COGAGE should be blank. Both have been fixed to instead have COGAGE reliant on (COGMEM, COGORI, COGJUDG, COGLANG, COGVIS, COGATTN, COGFLUC, and COGOTHR).

17. *[REDCap] Form C2/C2T - branching logic correction
Field "udsverti" was updated as follows: Branching logic: was: [udsvernf]<>'' and [udsvertn]<>'' Corrected to: [udsvernf]<>'' and [udsverln]<>''. Calculation was: if(([udsvernf]<>'' and [udsvertn]<>''), sum([udsvernf],[udsverln]),'') Corrected to: if(([udsvernf]<>'' and [udsverln]<>''), sum([udsvernf],[udsverln]),''). If you have collected data for this form, you may want to return to the form to see if there are missing questions to answer. You can additionally run Data Quality Rule H.

18. [REDCap] Form C2/C2T - response choice correction
Missing value. Added choice '0' to the following fields:
- loc_rey1rec_c2
- loc_rey2rec_c2
- loc_rey3rec_c2
- loc_rey4rec_c2
- loc_rey5rec_c2
- loc_reybrec_c2
- loc_rey6rec_c2
- loc_rey1rec_c2t
- loc_rey2rec_c2t
- loc_rey3rec_c2t
- loc_rey4rec_c2t
- loc_rey5rec_c2t
- loc_reybrec_c2t
- loc_rey6rec_c2t

19. *[REDCap] Form C2/C2T - branching logic and calculated field logic correction
For the following fields, removed the apostrophe around the number value in branching logic and the calculated field in logic involving > or <. For example, the branching logic ([udsverfc]<>'' and [udsverfc]<'41') and ([udsverlc]<>'' and [udsverlc]<'41') changes to ([udsverfc]<>'' and [udsverfc]<41) and ([udsverlc]<>'' and [udsverlc]<41):
- udsvertn
- loc_ceradj6int_c2t
- udsverlr
- udsverln
- cerad1read
- loc_cerad1int_c2
- c2_section41
- loc_cerad2rec_c2
- cerad2read
- loc_cerad2int_c2
- loc_cerad3rec_c2
- cerad3read
- loc_cerad3int_c2
- c2_section25
- loc_ceraddti_c2
- loc_ceradj6rec_c2
- loc_ceradj6int_c2
- loc_ceradj7yes_c2
- loc_ceradj7no_c2

20. [REDCap] Form D1a – fix typo in field label
Typo. Corrected field label of "mbi_dementia_warning1" from "recieve" to "receive"

21. [REDCap] Form D1a - descriptive field correction
Edited "[syn_warning1]" field branching logic to: [predomsyn]=1' and ([syninfclin] <> '1' and [syninfctst] <> '1' and [syninfbiom] <> '1')

22. [REDCap] Form D1b – fix typo
Typo. Corrected field label of field "ivp_d1b_instructions_4" from "clinican" to "clinician"

23. *[Error Checks] Form D1b – error check correction
The following 4 error checks were incorrectly written to rely on BIOMARKDX instead of the previous OTHBIOM* variable to determine whether or not the given variable should be blank. All have been fixed (e.g. for d1b-ivp-m-047, "If BIOMARKDX = 1, OTHBIOM2 cannot be blank" changed to "If OTHBIOM1 is 1 or 2, then OTHBIOM2 cannot be

blank")
- d1b-ivp-m-147
- d1b-ivp-m-148
- d1b-ivp-m-167
- d1b-ivp-m-168

24. * [Error checks] Form D1b – error check correction
Several *OTHX variables (listed below) were incorrectly only reliant on the corresponding *OTH variable being 1 or not 1 to determine if the given variable should be blank. All have been corrected to be reliant on 0, 1, and 9 (e.g. for d1b-ivp-m-022, "If BLOODOTH=1, BLOODOTHX cannot be blank" has been fixed to "If BLOODOTH is 0, 1, or 9 then BLOODOTHX cannot be blank").
- d1b-ivp-m-022: BLOODOTHX
- d1b-ivp-m-023: BLOODOTHX
- d1b-ivp-m-037: CSFOTHX
- d1b-ivp-m-038: CSFOTHX
- d1b-ivp-m-068: FDGOTHX
- d1b-ivp-m-069: FDGOTHX
- d1b-ivp-m-091: TRACEROTHX
- d1b-ivp-m-092: TRACEROTHX
- d1b-ivp-m-144: BIOMOTHX1
- d1b-ivp-m-145: BIOMOTHX1
- d1b-ivp-m-164: BIOMOTHX2
- d1b-ivp-m-165: BIOMOTHX2
- d1b-ivp-m-184: BIOMOTHX3
- d1b-ivp-m-185: BIOMOTHX3

Enrollment (NACCID) v1.1.0 files - Feb 2025

1. *[REDCap] [Data Element Dictionary] [Error checks] NACCID Files Participant Enrollment/Transfer Form – add character limit to PTID
- [REDCap] Added @CHARLIMIT=10 to the field ptid.
- [Data Element Dictionary] Specified that PTID should be limited to 10 characters in conformity column
- If you previously entered a value with more than 10 digits for any records, you'll need to return and edit those entries.
- Error checks] Added checks "enrl-c-046" and "enrl-c-047" to limit the PTID field to 10 characters

UDSv4 1.0.1 - Dec 2024

1. **[PDF] Form A1a** – choice label correction
    * Q37a1-Q37a15 were erroneously labeled as Q39a1-Q39a15

2. **[REDCap] Form A2** – branching logic correction
    * Fields "a2not" and "a2not_desc" should show when "Not Complete" is selected for mode
    * Branching logic was [modea2]='3'
    * Branching logic should be: [modea2]='0'

3. **[REDCap] Form A5/D2** – validation correction
    * Field "menarche" was marked as a required field
    * Field "menarche" should be marked as not required

4. **[REDCap] Form C2/C2T** – branching logic and calculation corrections
    * Branching logic:
    1. Was: [udsvernf]<>'' and [udsvertn]<>''
    2. Should be: [udsvernf]<>'' and [udsverln]<>''
    * Calculation
    1. Was: if(([udsvernf]<>'' and [udsvertn]<>''), sum([udsvernf],[udsverln]),'')
    2. Should be: if(([udsvernf]<>'' and [udsverln]<>''), sum([udsvernf],[udsverln]),'')
    The files on our UDSv4 Downloads page do not currently reflect this change. You will need to make these edits yourself. New versions of the files will be published on January 14, 2025.

Enrollment (NACCID) v1.0.1 files - Dec 2024

1. ***[REDCap] NACCID Files Participant Enrollment/Transfer Form** – deletion of extraneous fields
    These two fields can be deleted from the instrument:
    * loc_naccid_prefix_chx
    * loc_naccid_error