

PIN 3 Study Data Documentation -- Tracking Systems

CLINIC TRACKING DATASETS

Two sets of files contribute to the tracking database: (1) the “original” files entered at the clinics from review of the charts, and (2) the “constructed” files that are generated after the original files are run through several programs to construct variables.

The original file, TRACKER.SD7, is the dataset that is created from the data entry screens updated by the clinic staff. The constructed files, TRACKER2.SD7 and its archive ARCHACC.SD7 are documented below; all of the variables in the original files are also included in these constructed files plus the constructed variables.

If data are missing, they generally have a value of 9, 99, 999, etc.

Var name	Type	Len	SAS Label	Comments
ACTLEVEL	Num	8	Activity Level from Screener	1=Inactive 2=Active at Work 3=Active at Leisure 4=Active at Work and Leisure
ADDR1	Char	35	Mailing Address #1	
ADDR2	Char	35	Mailing Address #2	
APGAR1	Num	3	1-minute Apgar Score	from delivery log
APGAR5	Num	3	5-minute Apgar Score	from delivery log
APT1AMPM	Num	3	GCRC Appt in A.M. or P.M. <20 Weeks	
APT1DATE	Num	8	GCRC Appointment <20 Weeks	SAS date format
APT1TIME	Num	8	GCRC Appointment Time <20 Weeks	SAS time format
APPTAMPM	Num	3	GCRC Appt in A.M. or P.M. 24-29 Wks	
APPTDATE	Num	8	GCRC Appointment 24-29 Weeks	SAS date format
APPTTIME	Num	8	GCRC Appointment Time 24-29 Weeks	SAS time format
ARCHIVE	Num	3	Record archived from active file	1=moved to archive, this variable only on archived files
AREACDH	Char	3	Area Code for Home Phone	
AREACDO	Char	3	Area Code for Other Phone	
AREACDW	Char	3	Area Code for Work Phone	
BESTEDC2	Num	8	Best EDC for Study: SAS date	SAS date format; constructed as best EDC from LMP and ultrasound; uses ultrasound if available, otherwise LMP is used (Effective 1/23/2002)
BIRTHWT	Num	8	Birth Weight (in grams)	from delivery log;

Var name	Type	Len	SAS Label	Comments
BLOOD20	Num	4	Blood 15-20 Weeks Comp Code	See Specimen Completion Codes
BLOOD24	Num	4	Blood 24-29 Weeks Comp Code	See Specimen Completion Codes
BV20	Num	4	BV 15-20 Weeks Comp Code	See Specimen Completion Codes
BV24	Num	4	BV 24-29 Weeks Comp Code	See Specimen Completion Codes
CARESITE	Num	3	Prenatal Care Site	361=Dietabetic Clinic 800=ACC, unknown resident clinic 852=ACC, resident clinic, low risk 853=ACC, resident clinic, teens 854=ACC, resident clinic, high risk 857=ACC, resident clinic, preterm labor 859=ACC, Univ. Obstetric Group (UOG, private patients) 876=ACC, resident clinic, alcohol/drug abuse 901=UNC Family Health 902=Student Health 903=UNC Women's Specialty Care 904=Chapel Hill North
CBLOOD	Num	4	Cord Blood Comp Code	See Specimen Completion Codes
CITY	Char	15	City	
CLINFOLL	Num	3	Clinic follow-up status	used by clinic staff to determine if they need to see the subject again 1=successfully recruited but clinic staff need to see again 2=did not come (DNC) to scheduled appointment 3=consent obtained but not full recruitment 4=consent & DNC (2 & 3)
COMMENTS	Char	50	Comments for ACC Staff to Use	
COMPCODE	Num	3	Completion Code	see table of codes below
COUNTY	Num	3	County	see table of codes below
DELIVDAT	Num	8	Delivery date: SAS date	SAS date format; constructed from DELIVMON, DELIVDAY, DELIVYR
DELIVDAY	Num	3	Delivery day	from delivery log
DELIVMON	Num	3	Delivery month	from delivery log
DELIVTIM	Num	8	Delivery time	SAS time format
DELIVYR	Num	3	Delivery year	from delivery log; 4-digit year

Var name	Type	Len	SAS Label	Comments
DELVCODE	Num	3	Delivery code NOTE: some ineligible PIN Study women may have delivery codes because they were in the Iron Study	1=delivered at study hospital 2=delivered at another known site 3=delivery site not determined delivery data only being obtained for eligible COMPCODES; if woman was eligible, was not successfully recruited, and did not delivery at the study hospital, she is not contacted for delivery info
DELVLOC	Char	45	Delivery location--not clinic site	should be completed when DELVCODE=2
DIFFDAYS	Num	8	Difference btwn LMP and U/S EDC's	
DISCARD	Num	8	Date Placenta Discarded as Requested	SAS date format
EDDFLAG	Char	13	Comparison of LMP and Ultrasound EDC	
EDDLMP	Num	8	LMP date plus 280 days	SAS date format; see BESTEDC for better EDC date
ENTRDATE	Num	8	Date entered into tracking system	SAS date format
FIBRONTN	Num	4	Fibronectin Comp Code	See Specimen Completion Codes
FNAME	Char	15	First Name	
FIXED	Num	8	Date Fixed in Formalin (GCRC or PATH)	SAS date format
GCRC_BEG	Num	8	1st Day to Schedule GCRC Visit	SAS date format
GCRC_END	Num	8	Last Day to Schedule GCRC Visit	SAS date format
GCRC1CMP	Num	4	GCRC Comp Code <20 Weeks	See Completion Codes
GCRC1DAT	Num	8	GCRC Actual Visit Date <20 Weeks	SAS date format
GCRC1RID	Num	4	Recruiter's ID - GCRC <20 Weeks	See ID Table
GCRCOMP	Num	4	GCRC Comp Code 24-29 Weeks	See Completion Codes
GCRCDATE	Num	8	GCRC Actual Visit Date 24-29 Weeks	SAS date format
GCRCRCID	Num	4	Recruiter's ID – GCRC 24-29 Weeks	See ID Table
GENDER	Num	3	Baby's gender	from delivery log 1=male 2=female
HAIRCOLL	Num	3	Hair collected in hospital	See Specimen Completion Codes
HAIRID	Num	3	Recruiter's ID, in-hospital hair study	
HAIRQ	Num	3	Hair questionnaire completed	1=yes
HOMEPHON	Char	8	Home Phone Number	
INV1_BEG	Num	8	1st Day to Schedule Interview 1	SAS date format

Var name	Type	Len	SAS Label	Comments
INV1_END	Num	8	Last Day to Schedule Interview 1	SAS date format
INV2_BEG	Num	8	1st Day to Schedule Interview 2	SAS date format
INV2_END	Num	8	Last Day to Schedule Interview 2	SAS date format
LAB_ACK	Num	8	Date Lab Acknowledged Receipt	SAS date format
LABID	Num	8	Label/Barcode ID	
LASTDAY	Num	8	Last Day to Recruit for PIN 3	SAS date format
LIVECHLD	Num	3	# of Living Children	
LMPDATE	Num	8	Last Menstrual Period Date: SAS date	SAS date format; constructed from LMPMON, LMPDAY, LMPYEAR; use STARTPRG as best beginning of pregnancy
LMPDAY	Num	3	Last Menstrual Period Date: Day	
LMPMON	Num	3	Last Menstrual Period Date: Month	
LMPYEAR	Num	3	Last Menstrual Period Date: Year	4-digit year
LNAME	Char	25	Last Name	
MAIDNAME	Char	25	Maiden Name	
MARITAL	Num	3	Mother's Marital Status	1=single 2=married 3=widowed 4=divorced 5=separated
MBLOOD	Num	4	Maternal Blood Comp Code	See Specimen Completion Codes
MEDRECNO	Num	8	Medical Record Number	
MOMAGE0	Num	4	Mother's Age at Start of Pregnancy	
MOMBDATE	Num	8	Mother's Date of Birth: SAS date	SAS date format; constructed from MOMBMON, MOMBDAY, MOMBYEAR
MOMBDAY	Num	3	Mother's Date of Birth: Day	
MOMBMON	Num	3	Mother's Date of Birth: Month	
MOMBYEAR	Num	3	Mother's Date of Birth: Year	4-digit year
MOMEDUC	Num	3	Mother's Education	GED coded as 12 years
MOMRACE	Num	3	Mother's Race	1=white 2=black 3=Asian/Pacific Islander 4=Hispanic 5=American Indian 6=other

Var name	Type	Len	SAS Label	Comments
NOEDCCK	Num	3	Stop cking discrepancy of LMP & U/S EDC	used to exclude report check of EDC discrepancies of > 14 days from LMP and ultrasound sources
OTHRPHON	Char	8	Alternate Phone Number	
OUTCOME	Num	3	Pregnancy Outcome	from delivery log 1=congenital anomaly 2=respiratory or fetal distress 3=stillbirth 4=live birth 5=induced/TAB 6=spontenous/SAB 7=ectopic/molar
PATH_NUM	Char	10	UNC Pathology Report Number	10-digit Case Number
PATH_REC	Num	8	Date Rec'd from UNC Pathology	SAS date format
PATH_TO	Num	8	Date Taken to UNC Pathology	SAS date format
PATID	Num	8	Study ID	3nnnn at UNC for PIN 3
PHONINFO	Char	45	Information about when to call	
PHOTOS	Num	8	Date Placenta Photos Taken	SAS date format, Blank if NO Photos taken
PIN3PLUS	Num	8	PIN3PLUS Recruitment Code	
PLACENTA	Num	4	Placenta Specimen Code	1 = Received for processing 2 = Discarded as Requested 3 = Lost by Labor and Delivery 4 = Lost by Shipper 5 = Lost by Receiving Lab
PRETERM	Num	8	36 weeks, 6 days after best LMP:SAS date	SAS date format; constructed from STARTPRG + 258; indicates when the baby would be considered preterm (used to compare against actual delivery date)
PREVINDU	Num	8	# of Previous Induced Abortions	
PREVPREG	Num	3	# of Previous Pregnancies	
PREVPTRM	Num	3	# of Previous Preterm	
PREVSPON	Num	8	# of Previous Spontaneous Abortions	
PREVTERM	Num	3	# of Previous Term	
RECRUDAY	Num	3	Date Recruited: Day	

Var name	Type	Len	SAS Label	Comments
RECRUITD	Num	8	Date Recruited: SAS date	SAS date format; constructed from RECRUMON, RECRUDAY, RECRUYR; recruitment started 8/95 at ACC
RECRUITR	Num	3	Recruiter's ID Number	
RECRUMON	Num	3	Date Recruited: Month	
RECRUYR	Num	3	Date Recruited: Year	4-digit year
RECU_EDC	Num	8	EDC used for recruitment	SAS Date Format
RECU_SRC	Char	4	Source of EDC used for recruitment	LMP, U/S or BEST
SALIVA20	Num	4	Saliva 15-20 Weeks Comp Code	See Specimen Completion Codes
SALIVA24	Num	4	Saliva 24-29 Weeks Comp Code	See Specimen Completion Codes
SHIPPED	Num	8	Date Placenta Shipped	SAS date format
STRTPRG2	Num	8	Best LMP for Study: SAS date	SAS date format; constructed from BESTEDC2-280; used to calculate all other dates
STATE	Char	2	State	2-digit postal code
STOPCODE	Num	4	Code for Dropping Patient from Study	See STOP Codes
STOPDATE	Num	4	Date Dropping Patient from Study	SAS date format
TECH_F	Num	8	PIN Technician fixing placenta	10 if done in UNC Pathology
TECH_P1	Num	8	Technician taking placenta to Pathology	
TECH_P2	Num	8	Tech Receiving placenta from Pathology	
TECH_P3	Num	8	Technician photographing placenta	Required, even if no photos
TECH_S	Num	8	Technician shipping placenta	
ULTR1ABD	Num	4	Abdominal Ultrasound <20 Weeks	See Specimen Completion Codes
ULTR1VAG	Num	4	Vaginal Ultrasound <20 Weeks	See Specimen Completion Codes
ULTR2ABD	Num	4	Abdominal Ultrasound 24-29 Weeks	See Specimen Completion Codes
ULTR2VAG	Num	4	Vaginal Ultrasound 24-29 Weeks	See Specimen Completion Codes
ULTRADAY	Num	3	Date Ultrasound Done: Day	
ULTRAEDC	Num	8	EDC date on chart from U/S: SAS date	SAS date format; constructed from USEDGMON, USEDCCDAY, USEDCCYR; see BESTEDC for better EDC date
ULTRAMON	Num	3	Date Ultrasound Done: Month	
ULTRAYR	Num	3	Date Ultrasound Done: Year	4-digit year

Var name	Type	Len	SAS Label	Comments
ULTRDATE	Num	8	Date Ultrasound taken: SAS date	SAS date format; constructed from ULTRAMON, ULTRADAY, ULTRAYR
URINE24	Num	4	Urine 24-29 Weeks Comp Code	See Specimen Completion Codes
USGSTDAY	Num	3	Gestational age at U/S, days	ULTRAEDC calculated from USGSTWKS, USGSTDAY, and ULTRDATE
USGSTWKS	Num	3	Gestational age at U/S, weeks	
VBCODE	Num	8	Vaginal Bleeding Recruitment Code	0=Not Recruited for VB Study 1=Recruited, given 1 diary card 2=Recruited, given 2 diary cards
WORKPHON	Char	12	Work Phone Number	
X_IN_BLK	Char	1	On Consent Page 2, Future Contact Denied	Y='X' In Block – Contact Denied N=No 'X' In Block, Contact OK
ZIP	Num	8	ZIP	

Completion codes (COMPCODE) values entered by recruiters into the tracking system.

1.	successfully recruited	eligible
2.	expecting multiples	ineligible
3.	non-English speaking	ineligible
4.	incompetent, hearing impaired	ineligible
5.	does not participate in studies (refused)	eligible
6.	does not have time to be interviewed (refused)	eligible
7.	did not want specimens collected (refused)	eligible
8.	other refusal	eligible
9.	physician consent denied	eligible
10.	does not plan to continue prenatal or deliver at site	ineligible
11.	never showed up in <20 week study window	ineligible
12.	recruiters too busy, missed subject	eligible
13.	pregnancy ended before an eligible clinic visit (never showed up in clinic during <20 week window) including live births, stillbirths, spontaneous & induced abortions)	ineligible
14.	misidentified (e.g., UOG patient before we recruited at UOG; not pregnant)	ineligible
15.	age < 16 at start of pregnancy	ineligible
16.	patient agreed to participate, unable to collect genital tract swabs (medical constraint)	eligible
17.	when patient is recruited, she has no phone available at any location	ineligible
18.	the 28-week specimens were collected at outlying clinic (Wake satellites)	ineligible
19.	no LMP date or ultrasound dates were available to date the pregnancy	ineligible
20.	participating in another study – refused	eligible
96.	had been recruited with specimens taken but had no phone for interview (code deals with early women who later would not have been recruited and would have been a compcode=17)	ineligible
97.	entered in ACC/UOG database and potential subject got past study window before recruitment started	ineligible

Notes on eligibility criteria

1. If a woman comes in for her first visit during the recruitment window and then does not come back for a second visit during the window, she will be considered ineligible, use Code 11.
2. Category 11 above should be used if the woman never showed up during the window. If the patient showed up at the beginning of the window but the recruiter did not get around to recruiting the patient (because the recruiter assumed the patient would be back for a later appointment in the window), and then the woman never comes back within the window. Code 12 should be used in that instance.

PIN ADMINISTRATION OFFICE DATASET

The following is information about the tracking file that is maintained by the Interview Coordinator at the PIN administrative office at CPC. It includes the status of the various telephone interviews and if certain instruments have been received. These data are stored in TRACKER3.SD7.

Var name	Type	Len	SAS Label	Comments
ACTMN_CC	Num	4	Activity Monitor Completion Code	To Be Determined
ACTMN_DT	Num	8	Activity Monitor Returned Date	SAS Date
ACTMN_ID	Num	4	Activity Monitor Returned ID	
ACTMN_IN	Num	8	Activity Monitor Returned Incentive	To Be Determined
ACTMN_NO	Num	8	Activity Monitor Returned Number	To Be Determined
ADDR1H	Char	35	Home Address 1	
ADDR2H	Char	35	Home Address 2	
ADDR1M	Char	35	Mailing Address 1	
ADDR2M	Char	35	Mailing Address 2	
AREACDA	Char	3	Area Code – Home Phone	
AREACDB	Char	3	Area Code – Work Phone	
AREACDC	Char	3	Area Code – Other1 Phone	
AREACDD	Char	3	Area Code – Other2 Phone	
CITYH	Char	15	Home City	
CITYM	Char	15	Mailing City	
COMMENT1	Char	45	Comments – 1 st Line	
COMMENT2	Char	45	Comments – 2 nd Line	
DIARY_DT	Num	8	Diary Returned Date	
DIARY_ID	Num	4	Diary Returned ID	
FFQ1_DT	Num	8	FFQ 1 - < 20 Received Date	
FFQ1_ID	Num	4	FFQ 1 - < 20 Received ID	
FFQ1_IN	Num	8	FFQ 1 - < 20 Incentive	To Be Determined
FNAME	Char	15	First Name	
FOLDR_DT	Num	8	ACC Women Folder Rec'd Date	SAS date
FOLDR_ID	Num	4	ACC Women Folder Rec'd ID	
LABID	Num	8	Label/Barcode ID	

Var name	Type	Len	SAS Label	Comments
LNAME	Char	25	Last Name	
NOTES	Char	3	Special Notes from Interview 1	
PAFU1_CC	Num	4	PA Followup 1 – Completion Code	
PAFU1_DT	Num	8	PA Followup 1 – Date	
PAFU1_ID	Num	4	PA Followup 1 – ID	
PAFU1_IN	Num	8	PA Followup 1 – Incentive	To Be Determined
PAFU2_CC	Num	4	PA Followup 2 – Completion Code	
PAFU2_DT	Num	8	PA Followup 2 – Date	
PAFU2_ID	Num	4	PA Followup 2 – ID	
PAFU2_IN	Num	8	PA Followup 2 – Incentive	To Be Determined
PAGE2DT	Num	8	Date Interview 2 Face sheet printed	
PATID	Num	8	Study ID	3nnnn at UNC
PHONEA	Char	8	Home Phone Number	
PHONEB	Char	8	Work Phone Number	
PHONEC	Char	8	Other1 Phone Number	
PHONED	Char	8	Other2 Phone Number	
QUES1_CC	Num	4	Interview 1 - < 20 Completion Code	
QUES1_DT	Num	8	Interview 1 - < 20 Date	
QUES1_ID	Num	4	Interview 1 - < 20 Interviewer's ID	
QUES1_IN	Num	8	Interview 1 - < 20 Incentive	To Be Determined
QUES2_CC	Num	4	Interview 2 – 24-29 Com Code	
QUES2_DT	Num	8	Interview 2 – 24-29 Date	
QUES2_ID	Num	4	Interview 2 – 24-29 Interviewer's ID	
QUES2_IN	Num	8	Interview 2 – 24-29 Incentive	To Be Determined
SAQ1_DT	Num	8	Self Admin Q 1 - <20 Date	
SAQ1_ID	Num	4	Self Admin Q 1 - <20 ID	
SAQ1_IN	Num	8	Self Admin Q 1 - Incentive	
SAQ2_DT	Num	8	Self Admin Q 2 – 24-29 Date	
SAQ2_ID	Num	4	Self Admin Q 2 – 24-29 ID	
SAQ2_IN	Num	8	Self Admin Q 2 – Incentive	

Var name	Type	Len	SAS Label	Comments
STATEH	Char	2	Home State	
STATEM	Char	2	Mailing State	
STOPCODE	Num	8	Code for "Stopped" being in study	1 = Lost pregnancy per CPC 2 = Lost pregnancy per ACC 3 = Requested out per CPC 4 = Requested out per ACC 5 = Missed Interview 1
STOPDATE	Num	8	Date Women "Stopped" being in study	
ZIPH	Num	8	Home ZIP Code	
ZIPM	Num	8	Mailing ZIP Code	

Interview Completion Codes used for both Main Interviews and PA Reliability Interviews

1. successfully completed
2. partially completed
3. too late for window
4. refused (interview only)
5. delivered prior to second interview
6. unable to reach--no phone and/or all #-s disconnected/out of service
7. unable to reach--has phone, but unable to reach and conduct interview within 2 weeks
8. reached, patient could not schedule within window
9. other (see interview reports for specific reason)
10. lost pregnancy prior to first interview
11. requested to be dropped from study
12. Patient reached, but interview not completed
99. not applicable

STOP Codes used to drop patients from the Study

1. Lost Pregnancy per Interview Staff
2. Lost Pregnancy per Clinical Staff
3. Requested to Leave Study per Interview Staff
4. Requested to Leave Study per Clinical Staff
5. Did Not do first interview

Specimen Completion Codes used for all specimen completion codes

1. Successfully collected
2. Patient refused
3. MD refused
4. Excluded, hair weave
5. Excluded, hair too short
6. Discharged, unable to collect
7. Delivery not identified in time
8. Not collected due to technical reasons
9. Other

NORTH CAROLINA COUNTY CODES

01= Alamance	26= Cumberland	51= Johnson	76= Randolph
02= Alexander	27= Currituck	52= Jones	77= Richmond
03= Allegheny	28= Dare	53= Lee	78= Robeson
04= Anson	29= Davidson	54= Lenoir	79= Rockingham
05= Ashe	30= Davie	55= Lincoln	80= Rowan
06= Avery	31= Duplin	56= McDowell	81= Rutherford
07= Beaufort	32= Durham	57= Macon	82= Sampson
08= Bertie	33= Edgecombe	58= Madison	83= Scotland
09= Bladen	34= Forsyth	59= Martin	84= Stanly
10= Brunswick	35= Franklin	60= Mecklenburg	85= Stokes
11= Buncombe	36= Gaston	61= Mitchell	86= Surry
12= Burke	37= Gates	62= Montgomery	87= Swain
13= Cabarrus	38= Graham	63= Moore	88= Transylvania
14= Caldwell	39= Granville	64= Nash	89= Tyrrell
15= Camden	40= Greene	65= New Hanover	90= Union
16= Carteret	41= Guilford	66= Northampton	91= Vance
17= Caswell	42= Halifax	67= Onslow	92= Wake
18= Catawba	43= Harnett	68= Orange	93= Warren
19= Chatham	44= Haywood	69= Pamlico	94= Washington
20= Cherokee	45= Henderson	70= Pasquotank	95= Watauga
21= Chowan	46= Hertford	71= Pender	96= Wayne
22= Clay	47= Hoke	72= Perquimans	97= Wilkes
23= Cleveland	48= Hyde	73= Person	98= Wilson
24= Columbus	49= Iredell	74= Pitt	99= Yadkin
25= Craven	50= Jackson	75= Polk	100= Yancey
			990= out of state
			999=a missing