

DCCT Data Set Documentation: Form 13

Form 13: Neurobehavioral Studies Demographic Questionnaire

Purpose: Obtain contextual information needed to grade and interpret the raw results of the neurobehavioral assessment (Form 10).

Collection Schedule: Baseline, years two, five, and seven, and close-out (in conjunction with the neurobehavioral assessment, Form 10).

Data Set Name: F013CMB3

Structure: One record per patient per assessment.

Size: 3807 observations of 38 variables.

Known Anomalies: During Phase II and the early part of Phase III, the neurobehavioral demographic questionnaire was mailed directly to the Central Neurobehavioral Coding Unit. The clinical centers were not required to send a copy to the Coordinating Center, but occasionally did so anyway. The CNbCU used the questionnaires only to aid interpretation of individual test results, and did not perform any data entry.

The DCCT Manual of Operations was revised in 1987 to specify that an additional copy of the questionnaire should be sent to the Coordinating Center; the questionnaire was assigned form number 13 at that time. Thus, the data set contains few records of questionnaires administered prior to the latter half of calendar year 1987.

Three variables (ACB5PROB, ACB6PROB, and ACVSITNO) were added only for version 13.3, and are missing for all observations collected from versions 13.1 and 13.2.

Comments: Descriptions of the DCCT neurobehavioral test protocol may be found in

Diabetes Control and Complications Trial Research Group. "Effects of Intensive Diabetes Therapy on Neuropsychological Function in Adults in the Diabetes Control and Complications Trial," *Annals of Internal Medicine* 124 (in press, scheduled publication date February 15, 1996)

and

DCCT Research Group. "A Screening Algorithm to Identify Clinically Significant Changes in Neuropsychological Functions in the Diabetes Control and Complications Trial," *Journal of Experimental and Clinical Neuropsychology* 16: 303-316, 1994.

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For more details of the administration, scoring, and interpretation of the DCCT neurobehavioral test battery, please refer to:

Ryan, C., Adams, K.M., Heaton, R.K., Grant, I., and the DCCT Study Group. "Neurobehavioral Assessment of Medical Patients: The DCCT Experience". In E. Mohr and P. Brouwers (eds.), *Handbook of Clinical Trials: The Neurobehavioral Approach*, Swets & Zeitlinger, 1991, pp. 217-242.



DIABETES CONTROL AND COMPLICATIONS TRIAL

Neurobehavioral Studies Demographic Questionnaire

This questionnaire should be administered by the neurobehavioral examiner after making his/her opening remarks introducing the session. These straightforward questions will provide the Central Neurobehavioral Coding Unit with important information and will give the examiner and subject an opportunity to get to know each other better in a non-threatening situation.

Send the original of this questionnaire to the Coordinating Center in the regular weekly mailing. Also send a copy to the Central Neurobehavioral Coding Unit along with the test results.

A. IDENTIFYING INFORMATION

1 CLINIC 1. DCCY Clinic Number _____

2 PATIENT 2. Patient ID Number _____

3 INITIALS. Patient's Initials _____

4 DATE 4. Date form completed _____

5 CERTIF 5. Examiner's Certification Number _____

6 VISIT 6. Follow-up visit number _____

7 ACVSITNO (if baseline visit enter 00) _____

B. DEMOGRAPHIC QUESTIONS
 THE EXAMINER SHOULD SAY: "BEFORE WE BEGIN, I WOULD LIKE TO ASK YOU A FEW GENERAL QUESTIONS." THEN ASK THE FOLLOWING QUESTIONS:

8 ACAGE 1. How old are you now? _____ (years)

9 ACDOB 2. When were you born? _____

10 ACSCHOLS. Are you in school now? _____

If YES, what grade (year) are you in?
 Enter year in elementary or secondary school _____
 or year in college _____
 or year in graduate school _____

11 ACELESEC
 12 ACCOLLEG
 13 ACGRADSC
 14 ACCOMPLT If NO, how many years of school did you complete? _____

15 ACAGED If adult with less than 12 years, did you receive a G.E.D.? _____

4. Which hand do you prefer to write with? Right Left Both equally well
 (1) (2) (3) **ACHANDED¹⁶**

5. Do you have any problems now using any of your fingers? No Yes
 (1) (2) (3) **ACFINGER¹⁷**
 If YES, which fingers? **ACLEFTL¹⁸**
ACLEFTR¹⁹
ACLEFTM²⁰
ACLEFTI²¹
ACLEFTL²²
ACRIGHTI²³
ACRIGHTM²⁴
ACRIGHTM²⁵
ACRIGHTR²⁶
ACRIGHTL²⁷

6. Can you move both wrists freely? No Yes
 (1) (2) **ACWRIST²⁹**

If NOT, which one do you have trouble with? Right Left Both
 (1) (2) (3) **ACWRISTTT³⁰**

What is the problem? **ACBLPRAID³¹**

7. Is English your native language? No Yes
 (1) (2) **ACEENGLIS³²**

If NO, what is your native language? **No lang**

At what age did you learn English? _____ years
ACLEARNEN³³

Patient ID _____

8. Do you wear glasses or contact lenses?

If YES, do you have them with you?

9. Do you have any problems with your hearing?

If YES, what is the problem?

No Yes
(1) (2) ACEYEGLA ³⁴
(1) (2) ACCANSEE ³⁵
(1) (2) ACHEAROK ³⁶

10. Have you taken any medications or drugs (aside from insulin) in the past 48 hours?

If YES, list drug, approximate quantity, reason for taking drug, and time drug taken:

No Yes
(1) (2) ACMEDICI ³⁷

11. Have you had any beer or other alcohol in the past 48 hours?

No Yes If yes, when Quantity

Beer ³⁸ ACBEER (1) (2) _____

Wine ³⁹ ACWINE (1) (2) _____

Hard liquor/mixed drinks: ⁴⁰ ACHARDRK (1) (2) _____

C. BLOOD GLUCOSE LEVELS

1. Were blood glucose levels checked at appropriate times during the session?

2. (If YES) Were the blood glucose levels acceptable for neurobehavioral testing purposes?

No Yes
(1) (2) ACJGCHKD ⁴¹
(1) (2) ACBGAAPT ⁴²

If blood glucose levels were not acceptable, explain:

WEEKNO ⁴³

Contents of the archived data set of responses
to the DCCT neurobehavioral demographic questionnaire (Form 13)

CONTENTS PROCEDURE

Data Set Name: DCEXPORT.F013CMB3
 Member Type: DATA
 Engine: V608
 Created: 18:11 Thursday, January 4, 1996
 Last Modified: 18:11 Thursday, January 4, 1996
 Protection:
 Data Set Type:
 Label:

Observations: 3807
 Variables: 38
 Indexes: 0
 Observation Length: 84
 Deleted Observations: 0
 Compressed: NO
 Sorted: NO

-----Engine/Host Dependent Information-----

Data Set Page Size: 5120
 Number of Data Set Pages: 65
 File Format: 607
 First Data Page: 2
 Max Obs per Page: 60
 Obs in First Data Page: 60
 Userid : SAS1
 File : F013CMB3 DCEXPORT

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Label
4	ACAGE	Num	2	8		PRESENT AGE
33	ACBEER	Num	2	66		TAKEN BEER IN PAST 48 HOURS
37	ACBGACPT	Num	2	74		BG LEVELS OK FOR NEURO. TEST
36	ACBGCHKD	Num	2	72		BLOOD GLUCOSE LEVELS CHECKED
23	ACB5PROB	Num	2	46		PROBLEM WITH FINGERS
26	ACB6PROB	Num	2	52		PROBLEM WITH WRIST
30	ACCANSEE	Num	2	60		HAVE EYEGLASSES WITH YOU?
7	ACCOLLEG	Num	2	14		WHAT YEAR IN COLLEGE
9	ACCOMPLT	Num	2	18		YEARS OF SCHOOL COMPLETED
6	ACELESEC	Num	2	12		GRADE IN ELEMENTARY OR SECONDARY SCHOOL
27	ACEVEGLA	Num	2	54		IS ENGLISH YOUR NATIVE LANGUAGE
29	ACEVEGLA	Num	2	58		DO YOU WEAR GLASSES OR CONTACT LENSES
12	ACPFINGER	Num	2	24		ANY PROBLEMS NOW USING ANY FINGERS
10	ACGED	Num	2	20		DID YOU RECEIVE A G. E. D.
8	ACGRADSC	Num	2	16		WHAT YEAR IN GRADUATE SCHOOL
11	ACHANDED	Num	2	22		WHICH HAND DO YOU WRITE WITH
35	ACHARDRK	Num	2	70		TAKEN HARD LIQUOR IN PAST 48 HRS.
31	ACHEAROK	Num	2	62		DO YOU HAVE HEARING PROBLEMS
16	ACLEFTI	Num	2	32		INDEX FINGER ON LEFT HAND
13	ACLEFTL	Num	2	26		LITTLE FINGER ON LEFT HAND
15	ACLEFTM	Num	2	30		MIDDLE FINGER ON LEFT HAND
14	ACLEFTR	Num	2	28		RING FINGER ON LEFT HAND
17	ACLEFTT	Num	2	34		THUMB ON LEFT HAND
28	ACLERNEN	Num	2	56		AT WHAT AGE DID YOU LEARN ENGLISH
32	ACMEDICI	Num	2	64		TAKEN MEDICATIONS/DRUGS IN PAST 48 HRS.
19	ACRIGHTI	Num	2	38		INDEX FINGER ON RIGHT HAND
22	ACRIGHTL	Num	2	44		LITTLE FINGER ON RIGHT HAND
20	ACRIGHTM	Num	2	40		MIDDLE FINGER ON RIGHT HAND
21	ACRIGHTR	Num	2	42		RING FINGER ON RIGHT HAND
18	ACRIGHTT	Num	2	36		THUMB ON RIGHT HAND
5	ACSCHOOL	Num	2	10		ARE YOU IN SCHOOL NOW

Contents of the archived data set of responses
to the DCCT neurobehavioral demographic questionnaire (Form 13)

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
3	ACVSITNO	Num	2	6		FOLLOW-UP VISIT NUMBER
34	ACWINE	Num	2	68		TAKEN WINE IN PAST 48 HOURS
24	ACWRIST	Num	2	48		CAN YOU MOVE BOTH WRISTS FREELY
25	ACWRISTT	Num	2	50		WHICH WRIST HAVE TROUBLE MOVING FREELY
2	FORM	Num	3	3		DCCT FORM NUMBER
1	FSASDATE	Num	3	0	MMDDYY8.	FORMDATE AS SAS DATE VALUE
38	MASK_PAT	Num	8	76		Patient ID number

*** DISTRIBUTIONAL SUMMARY ***

Variable Attributes	Statistic	Primary Retinopathy	Secondary Retinopathy	Treatment Group	Overall					
		<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->
PRESENT AGE Variable Name: ACAGE	N	923.00	1006.00	1929.00	949.00	929.00	1878.00	1872.00	1935.00	3807.00
	Nmiss	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Mean	30.53	29.88	30.19	31.99	31.52	31.76	31.27	30.66	30.96
	Std	7.41	7.74	7.59	7.13	6.71	6.93	7.31	7.31	7.31
	Minimum	13.00	13.00	13.00	14.00	14.00	14.00	13.00	13.00	13.00
	25th pct	25.00	24.00	24.00	27.00	27.00	27.00	26.00	25.00	26.00
	Median	31.00	30.00	31.00	32.00	32.00	32.00	31.00	31.00	31.00
	75th pct	36.00	36.00	36.00	37.00	37.00	37.00	37.00	36.00	37.00
	Maximum	47.00	48.00	48.00	49.00	49.00	49.00	49.00	49.00	49.00
TAKEN BEER IN PAST 48 HOURS Variable Name: ACBEER	N	919.00	1004.00	1923.00	948.00	927.00	1875.00	1867.00	1931.00	3798.00
	Nmiss	4.00	2.00	6.00	1.00	2.00	3.00	5.00	4.00	9.00
	Value (1) %	90.10	88.05	89.03	90.40	87.70	89.07	90.25	87.88	89.05
	Value (2) %	9.90	11.95	10.97	9.60	12.30	10.93	9.75	12.12	10.95
BG LEVELS OK FOR NEURO. TEST Variable Name: ACBGACT	N	845.00	908.00	1753.00	855.00	841.00	1696.00	1700.00	1749.00	3449.00
	Nmiss	78.00	98.00	176.00	94.00	88.00	182.00	172.00	186.00	358.00
	Value (1) %	2.49	1.43	1.94	2.92	1.66	2.30	2.71	1.54	2.12
	Value (2) %	97.51	98.57	98.06	97.08	98.34	97.70	97.29	98.46	97.88
BLOOD GLUCOSE LEVELS CHECKED Variable Name: ACBGCHKD	N	916.00	1001.00	1917.00	940.00	918.00	1858.00	1856.00	1919.00	3775.00
	Nmiss	7.00	5.00	12.00	9.00	11.00	20.00	16.00	16.00	32.00
	Value (1) %	0.33	1.40	0.89	0.96	1.53	1.24	0.65	1.46	1.06
	Value (2) %	99.67	98.60	99.11	99.04	98.47	98.76	99.35	98.54	98.94
PROBLEM WITH FINGERS Variable Name: ACB5PROB	N	22.00	17.00	39.00	30.00	37.00	67.00	52.00	54.00	106.00
	Nmiss	901.00	989.00	1890.00	919.00	892.00	1811.00	1820.00	1881.00	3701.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
PROBLEM WITH WRIST Variable Name: ACB6PROB	N	10.00	5.00	15.00	11.00	8.00	19.00	21.00	13.00	34.00
	Nmiss	913.00	1001.00	1914.00	938.00	921.00	1859.00	1851.00	1922.00	3773.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
HAVE EYEGLASSES WITH YOU? Variable Name: ACCANSEE	N	567.00	594.00	1161.00	620.00	611.00	1231.00	1187.00	1205.00	2392.00
	Nmiss	356.00	412.00	768.00	329.00	318.00	647.00	685.00	730.00	1415.00
	Value (1) %	16.58	17.00	16.80	14.68	20.95	17.79	15.59	19.00	17.31
	Value (2) %	83.42	83.00	83.20	85.32	79.05	82.21	84.41	81.00	82.69
WHAT YEAR IN COLLEGE Variable Name: ACCOLLEG	N	115.00	128.00	243.00	87.00	101.00	188.00	202.00	229.00	431.00
	Nmiss	808.00	878.00	1686.00	862.00	828.00	1690.00	1670.00	1706.00	3376.00
	Mean	2.75	2.48	2.61	2.78	2.72	2.75	2.76	2.59	2.67
	Std	1.25	1.26	1.26	1.29	1.24	1.26	1.26	1.26	1.26
	Minimum	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25th pct	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	Median	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	75th pct	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
	Maximum	6.00	8.00	8.00	8.00	5.00	8.00	8.00	8.00	8.00

Notes:
 (VM=DOUGPROD 191: F013CHB3 LISTING)
 (VM=ARNOLD 191: DOCUMENT SAS)

* * * D I S T R I B U T I O N A L S U M M A R Y * *

Variable Attributes	Statistic	-----Primary Retinopathy-----		-----Secondary Retinopathy-----		---Treatment Group---		Overall
		<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->
YEARS OF SCHOOL COMPLETED								
Variable Name: ACCOMPLT								
N	715.00	754.00	1469.00	779.00	770.00	1549.00	1494.00	1524.00
Mmiss	208.00	252.00	460.00	170.00	159.00	329.00	378.00	411.00
Mean	14.85	14.73	14.79	14.93	15.05	14.99	14.89	14.89
Std	2.26	2.39	2.33	2.34	2.35	2.35	2.30	2.38
Minimum	4.00	6.00	4.00	9.00	9.00	9.00	4.00	6.00
25th pct	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
Median	15.00	14.00	15.00	15.00	16.00	15.00	15.00	15.00
75th pct	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Maximum	21.00	24.00	24.00	26.00	22.00	26.00	26.00	24.00
GRADE IN ELEMENTARY OR SECONDARY SCHOOL								
Variable Name: ACELESEC								
N	55.00	69.00	124.00	19.00	15.00	34.00	74.00	84.00
Mmiss	868.00	937.00	1805.00	930.00	914.00	1844.00	1798.00	1851.00
Mean	10.87	10.72	10.79	11.16	10.80	11.00	10.95	10.74
Std	1.28	1.33	1.30	1.42	1.32	1.37	1.31	1.32
Minimum	7.00	8.00	7.00	8.00	8.00	8.00	7.00	8.00
25th pct	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Median	11.00	11.00	11.00	12.00	11.00	11.50	11.00	11.00
75th pct	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
Maximum	13.00	13.00	13.00	13.00	12.00	13.00	13.00	13.00
IS ENGLISH YOUR NATIVE LANGUAGE								
Variable Name: ACEENGLIS								
N	922.00	1006.00	1928.00	949.00	927.00	1876.00	1871.00	1933.00
Mmiss	1.00	0.00	1.00	0.00	2.00	2.00	1.00	2.00
Value (1) %	1.08	1.29	1.19	2.42	1.40	1.92	1.76	1.35
Value (2) %	98.92	98.71	98.81	97.58	98.60	98.08	98.24	98.65
DO YOU WEAR GLASSES OR CONTACT LENSES								
Variable Name: ACEYEGLA								
N	922.00	1006.00	1928.00	948.00	928.00	1876.00	1870.00	1934.00
Mmiss	1.00	0.00	1.00	1.00	1.00	2.00	2.00	1.00
Value (1) %	41.00	41.85	41.44	34.81	35.99	35.39	37.86	39.04
Value (2) %	59.00	58.15	58.56	65.19	64.01	64.61	62.14	60.96
ANY PROBLEMS NOW USING ANY FINGERS								
Variable Name: ACFINGER								
N	922.00	1006.00	1928.00	945.00	927.00	1872.00	1867.00	1933.00
Mmiss	1.00	0.00	1.00	4.00	2.00	6.00	5.00	2.00
Value (1) %	94.69	96.52	95.64	94.07	92.66	93.38	94.38	94.67
Value (2) %	5.31	3.48	4.36	5.93	7.34	6.62	5.62	5.33
DID YOU RECEIVE A G. E. D.								
Variable Name: ACGED								
N	13.00	19.00	32.00	18.00	17.00	35.00	31.00	36.00
Mmiss	910.00	987.00	1897.00	931.00	912.00	1843.00	1841.00	1899.00
Value (1) %	38.46	52.63	46.88	72.22	76.47	74.29	58.06	63.89
Value (2) %	61.54	47.37	53.13	27.78	23.53	25.71	41.94	36.11

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->	<--Int-->	<--Cnv-->	<-Total->
WHAT YEAR IN GRADUATE SCHOOL Variable Name: ACGRADSC	N Nmiss Mean Std Minimum 25th pct Median 75th pct Maximum	37.00 886.00 2.73 1.64 1.00 2.00 2.00 3.00 9.00	51.00 955.00 2.53 2.09 1.00 2.00 2.00 3.00 14.00	88.00 1841.00 2.61 1.91 1.00 1.00 2.00 3.00 14.00	58.00 891.00 2.33 1.65 1.00 1.00 2.00 3.00 8.00	45.00 884.00 2.27 1.21 1.00 1.00 2.00 3.00 6.00	103.00 1775.00 2.30 1.47 1.00 1.00 2.00 3.00 8.00	95.00 1777.00 2.48 1.65 1.00 1.00 2.00 3.00 9.00	96.00 1839.00 2.41 1.73 1.00 1.00 2.00 3.00 14.00	191.00 3616.00 2.45 1.69 1.00 1.00 2.00 3.00 14.00	<Overall>		
WHICH HAND DO YOU WRITE WITH Variable Name: ACHANDX	N Nmiss Value (1) % Value (2) % Value (3) %	923.00 0.00 90.36 9.64 0.00	1006.00 0.00 91.85 7.55 0.60	1929.00 0.00 91.14 8.55 0.31	949.00 0.00 87.36 12.33 0.32	929.00 0.00 88.05 11.84 0.11	1878.00 0.00 87.70 12.09 0.21	1872.00 0.00 88.84 11.00 0.16	1935.00 0.00 90.03 9.61 0.36	3807.00 0.00 89.44 10.30 0.26			
TAKEN HARD LIQUOR IN PAST 48 HRS. Variable Name: ACHARDRK	N Nmiss Value (1) % Value (2) % Value (4) %	914.00 9.00 96.39 3.61 0.00	1002.00 4.00 97.01 2.89 0.10	1916.00 13.00 96.71 3.24 0.05	942.00 7.00 97.45 2.55 0.00	918.00 11.00 96.51 3.49 0.00	1860.00 18.00 96.99 3.01 0.00	1856.00 16.00 96.93 3.07 0.00	1920.00 15.00 96.77 3.18 0.05	3776.00 31.00 96.85 3.13 0.03			
DO YOU HAVE HEARING PROBLEMS Variable Name: ACHEAROK	N Nmiss Value (1) % Value (2) %	923.00 0.00 95.88 4.12	1004.00 2.00 94.52 5.48	1927.00 2.00 95.17 4.83	946.00 3.00 96.62 3.38	925.00 4.00 94.16 5.84	1871.00 7.00 95.40 4.60	1869.00 3.00 96.25 3.75	1929.00 6.00 94.35 5.65	3798.00 9.00 95.29 4.71			
INDEX FINGER ON LEFT HAND Variable Name: ACLEFTI	N Nmiss Value (1) %	905.00 100.00	996.00 100.00	1901.00 100.00	935.00 100.00	908.00 100.00	1843.00 100.00	1840.00 100.00	1904.00 100.00	3744.00 100.00			
LITTLE FINGER ON LEFT HAND Variable Name: ACLEFTL	N Nmiss Value (1) %	914.00 100.00	1003.00 100.00	1917.00 100.00	942.00 100.00	917.00 100.00	1859.00 100.00	1856.00 100.00	1920.00 100.00	3776.00 100.00			
MIDDLE FINGER ON LEFT HAND Variable Name: ACLEFTM	N Nmiss Value (1) %	915.00 100.00	1002.00 100.00	1917.00 100.00	938.00 100.00	909.00 100.00	1847.00 100.00	1853.00 100.00	1911.00 100.00	3764.00 100.00			
RING FINGER ON LEFT HAND Variable Name: ACLEFTR	N Nmiss Value (1) %	915.00 100.00	1002.00 100.00	1917.00 100.00	939.00 100.00	917.00 100.00	1856.00 100.00	1854.00 100.00	1919.00 100.00	3773.00 100.00			

Notes: (vm=DOUGPROD 191: FO13CHB3 LISTING)
(vm=ARNOLD 191: DOCUMENT SAS)

*** DISTRIBUTIONAL SUMMARY ***

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->
THUMB ON LEFT HAND Variable Name: ACLEFTY	N	5.00	9.00	14.00	11.00	13.00	24.00	16.00	22.00	38.00	16.00	22.00	38.00
	Nmiss	918.00	997.00	1915.00	938.00	916.00	1854.00	1856.00	1913.00	3769.00	1856.00	1913.00	3769.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
AT WHAT AGE DID YOU LEARN ENGLISH Variable Name: ACLERNEN	N	15.00	14.00	29.00	29.00	18.00	47.00	44.00	32.00	76.00	44.00	32.00	76.00
	Nmiss	908.00	992.00	1900.00	920.00	911.00	1831.00	1828.00	1903.00	3731.00	1828.00	1903.00	3731.00
	Mean	6.53	7.00	6.76	4.76	7.50	5.81	5.36	7.28	6.17	5.36	7.28	6.17
	Std	3.81	7.40	5.72	4.76	8.27	6.40	4.50	7.78	6.13	4.50	7.78	6.13
	Minimum	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25th pct	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	Median	6.00	4.50	5.00	2.00	2.50	2.00	3.00	4.00	3.50	3.00	4.00	3.50
	75th pct	10.00	8.00	9.00	5.00	17.00	6.00	8.50	8.50	8.50	8.50	8.50	8.50
	Maximum	12.00	24.00	24.00	18.00	25.00	25.00	18.00	25.00	25.00	18.00	25.00	25.00
TAKEN MEDICATIONS/DRUGS IN PAST 48 HRS. Variable Name: ACHMEDICI	N	920.00	1004.00	1924.00	945.00	924.00	1869.00	1865.00	1928.00	3793.00	1865.00	1928.00	3793.00
	Nmiss	3.00	2.00	5.00	4.00	5.00	9.00	7.00	7.00	14.00	7.00	7.00	14.00
	Value (1) %	66.96	65.54	66.22	63.17	65.80	64.47	65.04	65.66	65.36	65.04	65.66	65.36
	Value (2) %	33.04	34.46	33.78	36.83	34.20	35.53	34.96	34.34	34.64	34.96	34.34	34.64
INDEX FINGER ON RIGHT HAND Variable Name: ACRIGHTI	N	11.00	13.00	24.00	17.00	19.00	36.00	28.00	32.00	60.00	28.00	32.00	60.00
	Nmiss	912.00	993.00	1905.00	932.00	910.00	1842.00	1844.00	1903.00	3747.00	1844.00	1903.00	3747.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
LITTLE FINGER ON RIGHT HAND Variable Name: ACRIGHTL	N	13.00	5.00	18.00	7.00	17.00	24.00	20.00	22.00	42.00	20.00	22.00	42.00
	Nmiss	910.00	1001.00	1911.00	942.00	912.00	1854.00	1852.00	1913.00	3765.00	1852.00	1913.00	3765.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MIDDLE FINGER ON RIGHT HAND Variable Name: ACRIGHTM	N	10.00	7.00	17.00	18.00	18.00	36.00	28.00	25.00	53.00	28.00	25.00	53.00
	Nmiss	913.00	999.00	1912.00	931.00	911.00	1842.00	1844.00	1910.00	3754.00	1844.00	1910.00	3754.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
RING FINGER ON RIGHT HAND Variable Name: ACRIGHTR	N	11.00	6.00	17.00	8.00	14.00	22.00	19.00	20.00	39.00	19.00	20.00	39.00
	Nmiss	912.00	1000.00	1912.00	941.00	915.00	1856.00	1853.00	1915.00	3768.00	1853.00	1915.00	3768.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
THUMB ON RIGHT HAND Variable Name: ACRIGHTT	N	13.00	7.00	20.00	12.00	18.00	30.00	25.00	25.00	50.00	25.00	25.00	50.00
	Nmiss	910.00	999.00	1909.00	937.00	911.00	1848.00	1847.00	1910.00	3757.00	1847.00	1910.00	3757.00
	Value (1) %	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
ARE YOU IN SCHOOL NOW Variable Name: ACSCHOOL	N	922.00	1003.00	1925.00	949.00	928.00	1877.00	1871.00	1931.00	3802.00	1871.00	1931.00	3802.00
	Nmiss	1.00	3.00	4.00	0.00	1.00	1.00	1.00	4.00	5.00	1.00	4.00	5.00
	Mean	1.22	1.26	1.24	1.20	1.18	1.19	1.21	1.22	1.21	1.21	1.22	1.21
	Std	0.42	0.64	0.55	0.67	0.39	0.55	0.56	0.54	0.55	0.56	0.54	0.55
	Minimum	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25th pct	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Median	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	75th pct	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Maximum	3.00	16.00	16.00	18.00	3.00	18.00	18.00	16.00	18.00	18.00	16.00	18.00

Notes: (VNF=DOUGPROD 191; F013CMB3 LISTING)
 (VMF=ARNOLD 191; DOCUMENT SAS)

* * * D I S T R I B U T I O N A L S U M M A R Y * *

Variable Attributes	Statistic	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->	<--Int-->	<--Cnv-->	<--Total-->
FOLLOW-UP VISIT NUMBER													
Variable Name: ACVSITMO													
N		433.00	466.00	899.00	462.00	437.00	899.00	437.00	899.00	899.00	895.00	903.00	1798.00
Miss		490.00	540.00	1030.00	487.00	492.00	979.00	492.00	979.00	979.00	977.00	1032.00	2009.00
Value (7) %		1.15	1.07	1.11	2.60	1.83	2.22	1.83	2.22	2.22	1.90	1.44	1.67
Value (8) %		11.09	12.02	11.57	2.38	2.52	2.45	2.52	2.45	2.45	6.59	7.42	7.01
Value (14) %		0.92	0.64	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.33	0.39
Value (15) %		3.93	3.86	3.89	0.00	0.23	0.11	0.00	0.11	0.11	1.90	2.10	2.00
Value (16) %		6.24	4.29	5.23	0.22	0.00	0.11	0.00	0.11	0.11	3.13	2.21	2.67
Value (17) %		4.62	5.15	4.89	0.00	0.00	0.00	0.00	0.00	0.00	2.23	2.66	2.45
Value (18) %		6.70	4.94	5.78	0.22	0.46	0.33	0.00	0.33	0.33	3.35	2.77	3.06
Value (19) %		4.62	6.22	5.45	1.95	2.97	2.45	2.97	2.45	2.45	3.24	4.65	3.95
Value (20) %		26.56	28.33	27.47	35.06	36.16	35.60	36.16	35.60	35.60	30.95	32.12	31.54
Value (21) %		0.00	0.64	0.33	0.65	0.46	0.56	0.65	0.56	0.56	0.34	0.55	0.44
Value (22) %		0.00	0.86	0.44	0.43	0.00	0.22	0.43	0.22	0.22	0.22	0.44	0.33
Value (23) %		0.00	0.21	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06
Value (24) %		0.23	0.21	0.22	0.87	0.92	0.89	0.92	0.89	0.89	0.56	0.55	0.56
Value (25) %		1.85	1.07	1.45	1.95	1.37	1.67	1.37	1.67	1.67	1.90	1.22	1.56
Value (26) %		3.93	1.72	2.78	3.03	4.81	3.89	4.81	3.89	3.89	3.46	3.21	3.34
Value (27) %		2.31	2.79	2.56	4.98	4.81	4.89	4.81	4.89	4.89	3.69	3.77	3.73
Value (28) %		14.78	15.88	15.33	26.84	25.86	26.36	25.86	26.36	26.36	21.01	20.71	20.86
Value (29) %		0.46	0.21	0.33	0.00	0.69	0.33	0.69	0.33	0.33	0.22	0.44	0.33
Value (30) %		0.00	0.00	0.00	0.00	0.23	0.11	0.00	0.11	0.11	0.00	0.11	0.06
Value (31) %		0.00	0.00	0.00	0.00	0.23	0.11	0.00	0.11	0.11	0.00	0.11	0.06
Value (32) %		0.23	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.06
Value (35) %		0.00	0.00	0.00	0.43	0.00	0.00	0.43	0.00	0.00	0.22	0.00	0.11
Value (36) %		6.93	6.87	6.90	11.69	8.47	10.12	8.47	10.12	10.12	9.39	7.64	8.51
Value (37) %		2.77	2.58	2.67	5.84	7.32	6.56	7.32	6.56	6.56	4.36	4.87	4.62
Value (38) %		0.69	0.43	0.56	0.87	0.00	0.44	0.87	0.44	0.44	0.78	0.22	0.50
Value (40) %		0.00	0.00	0.00	0.00	0.69	0.33	0.69	0.33	0.33	0.00	0.33	0.17
TAKEN WINE IN PAST 48 HOURS													
Variable Name: ACMINE													
N		914.00	1001.00	1915.00	942.00	918.00	1860.00	918.00	1860.00	1860.00	1856.00	1919.00	3775.00
Miss		9.00	5.00	14.00	7.00	11.00	18.00	11.00	18.00	18.00	16.00	16.00	32.00
Value (1) %		95.73	95.20	95.46	95.22	96.30	95.75	96.30	95.75	95.75	95.47	95.73	95.60
Value (2) %		4.27	4.80	4.54	4.78	3.70	4.25	3.70	4.25	4.25	4.53	4.27	4.40
CAN YOU MOVE BOTH WRISTS FREELY													
Variable Name: ACRISTT													
N		923.00	1006.00	1929.00	949.00	929.00	1878.00	929.00	1878.00	1878.00	1872.00	1935.00	3807.00
Miss		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Value (1) %		2.93	2.29	2.59	3.79	3.34	3.57	3.34	3.57	3.57	3.37	2.79	3.07
Value (2) %		97.07	97.71	97.41	96.21	96.66	96.43	96.66	96.43	96.43	96.63	97.21	96.93
WHICH WRIST HAVE TROUBLE MOVING FREELY													
Variable Name: ACRISTT													
N		17.00	9.00	26.00	17.00	11.00	28.00	11.00	28.00	28.00	34.00	20.00	54.00
Miss		906.00	997.00	1903.00	932.00	918.00	1850.00	918.00	1850.00	1850.00	1838.00	1915.00	3753.00
Value (1) %		58.82	44.44	53.85	70.59	36.36	57.14	36.36	57.14	57.14	64.71	40.00	55.56
Value (2) %		35.29	44.44	38.46	23.53	27.27	25.00	27.27	25.00	25.00	29.41	35.00	31.48
Value (3) %		5.88	11.11	7.69	5.88	36.36	17.86	36.36	17.86	17.86	5.88	25.00	12.96

Notes:
 (vm=DOUGPROD 191: F013CMB3 LISTING)
 (vm=ARNOLD 191: DOCUMENT SAS)

** DISTRIBUTIONAL SUMMARY **

Variable Attributes	Statistic	<---Int---	<---Cnv-->	<-Total->	<---Int---	<---Cnv-->	<-Total->	<---Secondary Retinopathy----->	<---Int---	<---Cnv-->	<-Total->	<---Treatment Group-->	<---Int---	<---Cnv-->	<Overall>
N		923.00	1006.00	1929.00	949.00	929.00	1878.00	1872.00	1935.00	3807.00					
Nmiss		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
Value (131) %		0.33	0.40	0.36	0.32	0.75	0.53	0.32	0.57	0.45					
Value (132) %		52.76	53.28	53.03	51.00	52.21	51.60	51.87	52.76	52.32					
Value (133) %		46.91	46.32	46.60	48.68	47.04	47.87	47.81	46.67	47.23					

DCCT FORM NUMBER
Variable Name: FORM