

**Traumatic Brain Injury Model Systems
Live Syllabus**

**Revised Syllabus Pages
for Fourth Quarter 2004**

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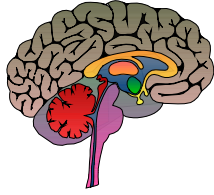
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LIVE SYLLABUS



TRAUMATIC BRAIN INJURY MODEL SYSTEMS NATIONAL DATABASE SYLLABUS

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Disability and Rehabilitation Research,
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**TRAUMATIC BRAIN INJURY MODEL SYSTEMS
DATA COLLECTION FORM FOR INITIAL HOSPITALIZATION AND REHABILITATION - FORM I**
Use for cases first admitted to System acute hospital 10/1/2004 or later, until replaced by a newer Form I.

100. SYSTEM/SUBJECT ID: - **ENTER INTO DATABASE 9.7**

101. a. DATES: (MM DD YYYY)

08/08/8888=N/A 09/09/9999=Unknown

Injury: / / ER admit: / /

Acute d/c: / / Rehab adm: / /

Rehab d/c: / / Death: / /

102. SHORT TERM REHABILITATION INTERRUPTIONS:

08/08/8888=N/A 09/09/9999=Unknown

	Interruption Date				Return Date											
	M	M	D	D	Y	Y	Y	Y	M	M	D	D	Y	Y	Y	Y
1 st Interrupt	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2 nd Interrupt	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

103. PATIENT BIRTHDATE:

/ /

09/09/9999=Unknown

104. SEX:

1=Female 2=Male 9=Unknown

OBTAIN FROM BEST SOURCE (*person with TBI, unless unreliable or unavailable*)

105. RACE:

1=White 2=Black 3=Asian/Pacific Islander 4=Native American 5=Hispanic origin 7=Other, unclassified 9=Unknown

107. MARITAL STATUS:

1=Single (never married) 2=Married/Cohab>=7 yrs 3=Divorced 4=Separated 5=Widowed 7=Other 9=Unknown

108. PRIMARY PERSON LIVING WITH:

Injury	<input type="text"/>	01=Alone	06=Child>=21/other relative	11=Personal care attendant
Rehab Discharge	<input type="text"/>	02=Spouse	07=Roommate	77=Other
		03=Parent	08=Significant other	88=N/A-expired
		04=Sibling	09=Other patients	99=Unknown
		05=Child<21	10=Other residents	

109. RESIDENCE:

Injury: Rehab Discharge:

01=Private 02=Nursing home 03=Adult Home 04=Correctional 05=Hotel 06=Homeless 07=Acute Care 08=Rehabilitation 09=Hosp-Other 10=Sub-acute 77=Other 88=Pt expired 99=Unk

109a. ZIP CODE:

8=N/A-expired or lived outside US 9=Unknown

Injury Rehab Discharge

TRAUMATIC BRAIN INJURY MODEL SYSTEMS
DATA COLLECTION FORM FOR INITIAL HOSPITALIZATION AND REHABILITATION - FORM I
 Use for cases first admitted to System acute hospital 10/1/2004 or later, until replaced by a newer Form I.

100. SYSTEM/SUBJECT ID: - **ENTER INTO DATABASE 9.7**

110a. YEARS OF EDUCATION:

07a.Form I Data Collection V9.6.040615

01= \leq 1 yr	04=4 yrs	07=7 yrs	11=11 yrs/12 yrs, no diploma	14=Associate degree	17=Work twd Master's, no dpl
02=2 yrs	05=5 yrs	08=8 yrs	12=HS diploma	15=Work twd Bach., no dpl	18=Master's degree
03=3 yrs	06=6 yrs	09=9 yrs	13=Work twd Assoc, no dpl	16=Bachelor's degree	19=Work twd Doctoral, no dpl
	10=10 yrs		77=Other	99=Unknown	20=Doctoral level

110b. GED: 1=No 2=Yes 3=NA-HS diploma or attended college 9=Unknown

111a. EMPLOYMENT STATUS:

Primary:

Secondary:

02=Full time student	11=Volunteer
03=Part time student	12=Retired (disability)
04=Special education	13=Unempl (not looking)
05=Competitively employed	14=Hospitalized, no pay
07=Taking care of house or fam.	15=Retired (other)
08=Special employed	77=Other
09=Retired (age)	88=No secondary employment
10=Unemployed (looking)	99=Unknown

CODING PRIORITY:

competitively empl, degree-oriented ed, taking care of house/fam, job-directed/on-the-job training, supported empl, sheltered empl, non-directed coursewrk, volunteer wrk, retiremt (age), retiremt (disab), no productive activity.

111b. HOURS/WEEK PAID COMPETITIVE EMPLOYMENT: 88=N/A-not currently competitively employed
 (enter hours only if V111a=05 for primary or secondary, otherwise code=88) 99=Unknown

If V111a=05 for primary or secondary, go to 111d.

If V111a NOT=05 for primary or secondary, ask: In the year before injury, were you ever competitively employed? If YES, go to 111d.

If NO and 111a=08 for primary or secondary, code 88 in 111d and 111i, then go to 112.

If NO and 111a NOT=08, code 88 in 111d, 111i, and 112, then go to 121.

111d. WEEKS EMPLOYED IN PAID COMPETITIVE EMPLOYMENT: 88=N/A-no comp emplmt
 In the year before your injury, how many weeks were you competitively employed? 99=Unknown

111i. ANNUAL EARNINGS OF PERSON:

What is your best estimate of your total annual salary from all jobs for the year prior to the injury?
 (cue patient that salary = total earnings from all competitive employment, but not from nonemployment sources.)

01=\$9,999 or less (employed)	07=\$60,000-\$69,999	77=Refused
02=\$10,000-\$19,999	08=\$70,000-\$79,999	88=N/A-no competitive employment
03=\$20,000-\$29,999	09=\$80,000-\$89,999	99=Unknown
04=\$30,000-\$39,999	10=\$90,000-\$99,999	
05=\$40,000-\$49,999	11=\$100,000 or more	
06=\$50,000-\$59,999		

112. CENSUS OCCUPATIONAL CATEGORY:

(enter only if V111a=05 or 08 for primary or secondary, otherwise code=88)

01=Exec/Admin/Manager	05=Admin support/Clerical	09=Farming/Forestry/Fishing	14=Military
02=Professional specialty	06=Private household	10=Precision Production/Craft/Repair	
03=Technicians/support	07=Protective service	11=Machine Operators/Assemblers/Inspectors	88=N/A
04=Sales	08=Service other	12=Transportation/Material Moving	99=Unknown
		13=Handlers/Equip Clean/Helpers/Laborers	

**TRAUMATIC BRAIN INJURY MODEL SYSTEMS
DATA COLLECTION FORM FOR INITIAL HOSPITALIZATION AND REHABILITATION - FORM I**
Use for cases first admitted to System acute hospital 10/1/2004 or later, until replaced by a newer Form I.

100. SYSTEM/SUBJECT ID: - ENTER INTO DATABASE 9.7

CLINICAL ASSESSMENTS

121. HISTORY OF TBI: 1=No 2=Yes 9=Unknown

130a. DATE ABLE TO FOLLOW SIMPLE MOTOR COMMANDS: / /
(if person was always able to follow simple motor commands, code date of admission to ER)
M M D D Y Y Y Y

07/07/7777=Never able to follow simple motor commands
09/09/9999=Unknown

131h. ASSOCIATED INJURIES-SPINAL CORD INJURY: 1=No 2=Yes 9=Unknown

133a. CAUSE OF INJURY: (see syllabus for detailed list of causes within each code)

01=Motor vehicle (auto racing=18)	11=Assaults w/ blunt instrmt	17=Air sports
02=Motorcycle, moped	12=Other violence	18=Other sports (incl. auto racing)
03=Bicycle	13=Water sports	19=Fall (incl. jumping, being pushed)
04=ATV, go-kart, dune buggy	14=Field/Track	20=Hit by falling/flying object
05=Other vehicular (incl. aircraft)	15=Gymnastic	21=Pedestrian
10=gunshot wound	16=Winter sport	77=Other unclassified 99=Unknown

133b. E-CODES: E . E . 888.8=N/A 999.9=Unknown

134. ETOH BLOOD LEVEL: millig/dl 888=Not tested 999=Unknown

135. INTRACRANIAL CT DIAGNOSIS: (see syllabus for codes)

a. Extent of Compression:

b. Pathology: 1. 2. 3. 4.

5a1. 5b1. 5c1. 5d1. 5e1.

a2. b2. c2. d2. e2.

a3. b3. c3. d3. e3.

6a. 6b. 6c.

7a1. 7a2. 7a3. 7b1. 7b2. 7b3. 7c1. 7c2. 7c3.

c. Intraparenchymal Fragments: 1=No fragments 2=Yes, fragments 8=Not Done 9=Unknown

137. BRAIN INJURY ICD.9 CODES: 888.88=No further codes 999.99=Unknown

a. . b. . c. .

d. . e. . f. .

TRAUMATIC BRAIN INJURY MODEL SYSTEMS
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100. SYSTEM/SUBJECT ID: - ENTER INTO DATABASE 9.7

139. GLASGOW COMA SCALE:

ED Admission

a. Eye Opening	<input type="text"/>	4=Spontaneous 3=To Voice	2=To Pain 1= None	7=Chemical Coma/Paralysis/Sedated* 9=Unknown
b. Verbal	<input type="text"/>	5=Oriented 4=Confused 3=Inapp. Words	2=Incomp Words 1=None	8=Intubated 9=Unknown 7=Chemical Coma/Paralysis/ Sedated*
c. Motor	<input type="text"/>	6=Obeys Commands 5=Localizes pain 4=Withdraw from pain	3=Flexion to pain 2=Extension to pain 1=None	7=Chemical Coma/Paralysis/ Sedated* 9=Unknown
d. Total (a+b+c)	<input type="text"/> <input type="text"/>	77=Chemical Coma/Paralysis/Sedated; Chem Coma/Paralysis/Sedated* & Intubated 88=Intubated 99=Unknown		

*code "7" & "77" if administered any of the following: midazolam (VERSED), lorzaepam (ATIVAN), vecuronium (NORCURON), pentobarbital (NEMBUTAL).

140. REVISED TRAUMA SCORE AT ADMISSION TO ED:

a. Respiratory Rate	<input type="text"/> <input type="text"/> <input type="text"/>	(#/minute)	888=Unmeasurable	999=Unknown
c. Systolic Blood Pressure.	<input type="text"/> <input type="text"/> <input type="text"/>	(mm Hg)	888=Unmeasurable	999=Unknown

144 a. DATE EMERGED FROM PTA (MM/DD/YYYY):

(if person was never in PTA, code date of admission to ER)

/ /

08/08/8888=Still had PTA or unconsciousness at TBI system discharge
 09/09/9999=Unknown

b. METHOD OF PTA DETERMINATION

1=Chart Review 2=GOAT 3=GOAT-R 4=O-LOG 8=NA

146. ICD-9-CM CAUSE(S) OF DEATH CODES:

a. Primary cause	ICD-9	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	777.77 Expired cause unknown 888.88 N/A-alive/no other internal cause/external cause 999.99 Unknown if expired
b. Secondary cause	ICD-9	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	
c. E-code	E	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	777.7 Expired cause unknown 888.8 NA-alive/not an external cause of death 999.9 Unknown if expired

148h. CRANIAL COMPLICATIONS-INTRACRANIAL HYPERTENSION:

1=No 2= \leq 24hr 3=peaks > 24hr 4=Sustained>24hrs
 8=not monitored 9=Unknown

**TRAUMATIC BRAIN INJURY MODEL SYSTEMS
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100. SYSTEM/SUBJECT ID: - ENTER INTO DATABASE 9.7

151. DISABILITY RATING SCALE:

	<u>Rehab</u> <u>Admit</u>		<u>Rehab</u> <u>Disch</u>		
1. Eye Opening	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0=Spontaneous 2=To Pain 9=Unknown 1=To Speech 3=None
2. Communication Ability	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0=Oriented 2=Inappropriate 4=None 1=Confused 3=Incomprehensible 9=Unknown
3. Motor Response	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0=Obeying 2=Withdrawing 4=Extending 1=Localizing 3=Flexing 5=None 9=Unknown
4. Feeding	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.0=Complete 1.5=Btw partial/minimal 3.0=None 0.5=Btw complete/partial 2.0=Minimal 1.0=Partial 2.5=Btw minimal/none 9.9=Unknown
5. Toileting	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
6. Grooming	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
7. Level of Functioning	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.0=Completely Independent 3.0=Moderately Dependent 0.5=Btw Comp, Indep/Spec Environ 3.5=Btw Mod Dep/Mark Dependent 1.0=Independent-Special Environ 4.0=Markedly Dependent 1.5=Btw Spec Envir/Mild Dependent 4.5=Btw Mark Dep/Tot Dependent 2.0=Mildly Dependent 5.0=Totally Dependent 2.5=Btw Mild Dep/Mod Dependent 9.9=Unknown
8. "Employability"	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.0= Not Restricted 2.0=Sheltered Wrkshop/Non-comp 0.5= Btw not restrict/select jobs 2.5=Btw Sheltered/Not Employable 1.0= Selected Jobs/Competitive 3.0=Not Employable 1.5= Btw select jobs/sheltered wkshp 9.9=Unknown

**TRAUMATIC BRAIN INJURY MODEL SYSTEMS
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100. SYSTEM/SUBJECT ID: - ENTER INTO DATABASE 9.7

152. FUNCTIONAL INDEPENDENCE MEASURE:

SELF CARE ITEMS:

ADMISSION DISCHARGE

1. Feeding	<input type="text"/>	<input type="text"/>
2. Grooming	<input type="text"/>	<input type="text"/>
3. Bathing	<input type="text"/>	<input type="text"/>
4. Dressing Upper Body	<input type="text"/>	<input type="text"/>
5. Dressing Lower Body	<input type="text"/>	<input type="text"/>
6. Toileting	<input type="text"/>	<input type="text"/>

7=Complete Independence (Timely, safely)
6=Modified Independence (Extra time, device)
5=Supervision (pt does 100%)
4=Minimal Assistance (pt ≥75% of task)
3=Moderate Assistance (pt 50-74% of task)
2=Maximum Assistance (pt 25-49% of task)
1=Total Assistance (pt <25% of task)
0=Activity does not occur. (Use only at admission and only for #1-6,10-15; else use code "9".)
8=N/A, pt walking/not using wheelchair. (only for item #14b)
9=Unknown / assessed at >72 hours / activity does not occur (see instructions in code "0", above).
66=Data not available with new (1/1/02) scoring. (Use only at admission and only for #1-8a, 9, 9a, 10-15)

SPHINCTER CONTROL:

8. Bladder Management	<input type="text"/>	<input type="text"/>
a. Level of assistance.....	<input type="text"/>	<input type="text"/>
b. Frequency of accidents.....	<input type="text"/>	<input type="text"/>
9. Bowel Management	<input type="text"/>	<input type="text"/>
a. Level of assistance.....	<input type="text"/>	<input type="text"/>
b. Frequency of accidents	<input type="text"/>	<input type="text"/>

MOBILITY ITEMS:

Transfer Technique

10. Bed, Chair, Wheelchair	<input type="text"/>	<input type="text"/>
11. Toilet	<input type="text"/>	<input type="text"/>
12. Tub or Shower	<input type="text"/>	<input type="text"/>

Locomotion

14a. Walking on admission	<input type="text"/>	
14b. Wheelchair on admission	<input type="text"/>	
14. Walking/Wheelchair-discharge (w/c/9)	<input type="text"/>	<input type="text"/>
15. Stairs	<input type="text"/>	<input type="text"/>

Use with 8b and 9b
7=No accidents
6=No accidents; uses device (catheter, ostomy)
5=One accident in the past 7 days
4=Two accidents in the past 7 days
3=Three accidents in the past 7 days
2=Four accidents in the past 7 days
1=Five or more accidents in the past 7 days
9= Unknown / assessed at >72 hours
66=Variable did not exist

COMMUNICATIONS:

17. Comprehension ...(a/v/b/9)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
18. Expression (v/n/b/9)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PSYCHOSOCIAL ADJUSTMENT ITEMS:

22. Social Interaction	<input type="text"/>	<input type="text"/>
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COGNITIVE FUNCTION:

26. Problem Solving	<input type="text"/>	<input type="text"/>
27. Memory	<input type="text"/>	<input type="text"/>

TRAUMATIC BRAIN INJURY MODEL SYSTEMS
DATA COLLECTION FORM FOR INITIAL HOSPITALIZATION AND REHABILITATION - FORM I
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100. SYSTEM/SUBJECT ID: - **ENTER INTO DATABASE 9.7**

170m1. STATUS OPERATIONS-CRANIOTOMY/CRANIECTOMY:

1=Neither 2=Craniotomy 3=Craniectomy 4=Both (separate procedures)
 9=Unknown

176. CHARGES:

a. Acute Hospitalization (Dollars only)\$, 999999=Unknown
 b. Inpatient Rehabilitation (Dollars only)\$,

178. PAYOR SOURCE:

a. Acute care Primary..... Secondary.....
 b. Rehabilitation Primary..... Secondary.....

01=Medicare (unk if traditional or managed care)	11=PPO
02=Medicaid (unk if traditional or managed care)	12=CHAMPUS
03=Workers Comp	14=Free Care
04=BC/BS	15=Medicare (traditional)
05=Private Insurance	16=Medicaid (traditional)
06=HMO	17=Medicare (managed care)
07=Self-Pay	18=Medicaid (managed care)
08=State Crippled Child	77=Other
09=Dept of Rehabilitation	88=N/A
10=No-fault	99=Unknown

192a1. PREMORBID DRUG USE:

1) Use of illicit/non-prescription drugs 1=No 2=Yes 9=Unknown

192a2. PREMORBID ALCOHOL USE: (Use the higher score if a range is given. Probe for size of drink and adjust scoring accordingly)

1) During the month before the injury, have you had at least one drink of any alcoholic beverage such as beer, wine, wine coolers, or liquor? 1=No 2=Yes 7=Refused 9=Unknown/Don't know/Not sure

2) During the month before the injury, how many days per week or per month did you drink any alcoholic beverages, on the average? (enter data into one of the following; code the other "66")

Enter number of days per week: **OR** Enter number of days per month:

66=N/A-Not Applicable 77= Refused 99=Unknown/Don't know/Not sure

3) A drink is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. On the days when you drank, about how many drinks did you drink on the average?

Enter number of drinks:

66=N/A-Not Applicable 77= Refused 99=Unknown/Don't know/Not sure

4) Considering all types of alcoholic beverages, how many times during the month before the injury did you have five or more drinks on an occasion?

Enter number of times:

00=None 66=N/A-Not Applicable 77=Refused 99=Unknown/Don't know/Not sure

TRAUMATIC BRAIN INJURY MODEL SYSTEMS
DATA COLLECTION FORM FOR INITIAL HOSPITALIZATION AND REHABILITATION - FORM I
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100. SYSTEM/SUBJECT ID: - ENTER INTO DATABASE 9.7

192h. PREMORBID HISTORY OF PENAL INCARCERATIONS WITH CONVICTION FOR FELONY:

1=No 2=Yes 9=Unknown

192i(3). PREMORBID HISTORY OF LEARNING AND/OR BEHAVIOR PROBLEMS IN SCHOOL:

Officially classified as Special Education student

1=No 2=Yes 9=Unknown

*** END ***

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

Follow-up evaluations are done in years 1, 2, 5, 10 and every fifth year thereafter. All items are collected at every follow-up. Items not collected due to skip instructions must be filled in with the appropriate "N/A" code.

20Aa. LIVING STATUS: a. ICD-9-CM Primary . 777.77=Expired cause unknown
 888.88=N/A-alive/no other internal cause/external cause
 999.99=Unknown if expired
 b. ICD-9-CM Secondary .
 c. E-code **E** . 777.7 =Expired cause unknown
 888.8 =NA-alive/not an external cause of death
 999.9 =Unknown if expired

20Ab. METHOD OF INTERVIEW DATA COLLECTION – PERSON WITH TBI :
 1=In-person interview 2=Telephone interview 3=Questionnaire mailing 8=No interview data provided by person w/ TBI

20Ac. METHOD OF INTERVIEW DATA COLLECTION – SIGNIFICANT OTHER:
 1=In-person interview 2=Telephone interview 3=Questionnaire mailing 8=No interview data provided by SO

20Ad. REASON PERSON WITH TBI NOT PROVIDING DATA:
 03=Physically or cognitively unable 07=Lost to follow-up
 04=Not available 08=Language barrier 88=N/A-data provided by person with TBI
 05=Stated refusal 09=Expired 99=Unknown reason why no data provided by person w/ TBI
 06=No response to contact

20Ae. IDENTITY OF SIGNIFICANT OTHER:
 01=Spouse 04=Adult child 08=Friend
 02=Parent(s) 05=Boy/girlfriend 09=Professional caregiver
 03=Sibling 07=Other relative 77=Other 88=N/A-no SO interviewed

201. DATES: (MM/DD/YYYY)
 Follow-up evaluation Date: / / 05/05/5555=N/A-withdrew authorization
 06/06/6666=N/A-deceased
 07/07/7777=N/A-other
 09/09/9999=Unknown date of evaluation
 Date of Death: / / 07/07/7777=Person expired, unk date
 08/08/8888=N/A-alive
 09/09/9999=Unknown if person expired

QUESTIONS FOR BEST SOURCE (person with TB unless unreliable/unavailable)

207. MARITAL STATUS: 1=Single (never married) 3=Divorced 5=Widowed 9=Unknown
 2=Married/Cohabit >= 7yrs 4=Separated 7=Other

208. PRIMARY PERSON LIVING WITH:
 01=Alone 05=Child aged <21 09=Other patients
 02=Spouse 06=Child >= 21/other rel 10=Other residents
 03=Parent(s) 07=Roommate/friend 11=Personal care attendant
 04=Sibling 08=Significant other 77=Other 99=Unknown

209. RESIDENCE:
 01=Private 05=Hotel 09=Other hospital
 02=Nursing home 06=Homeless 10=Subacute care
 03=Adult Home 07=Acute hospital 77=Other
 04=Correct. Inst. 08=Rehab hospital 99=Unknown

209a. ZIP CODE: 8=N/A-lives outside US 9=Unknown 12a.Form II Data Collection V9.6.040615

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

210a. YEARS OF EDUCATION:

- | | | | |
|------------|-------------|--|---------------------------------------|
| 01=≤1 year | 06=6 years | 11=11 years/ 12 years, no diploma | 16=Bachelors degree |
| 02=2 years | 07=7 years | 12= High school diploma | 17=Work toward Master’s dgr, no dpl |
| 03=3 years | 08=8 years | 13=Work toward Associate’s dgr, no dpl | 18=Master’s degree |
| 04=4 years | 09=9 years | 14=Associate’s degree | 19=Work toward doctoral level, no dpl |
| 05=5 years | 10=10 years | 15=Work toward Bachelor’s degree, no dpl | 20=Doctoral level degree |
| | | | 77=Other 99=Unknown |

210b. GED:

- 1=No 2=Yes 3=N/A-HS diploma or attended college 9=Unknown

211a. EMPLOYMENT STATUS:

CODING PRIORITY: competitively empl, degree-oriented ed, taking care of house/fam, job-directed/on-the-job training, supported empl, sheltered empl, non-directed coursewrk, volunteer wrk, retiremt (age), retiremt (disab), no productive activity.

- | | | | |
|---------------------------|---------------------------------|--------------------------|--------------------|
| 02=Full-time student | 07=Taking care of house or fam. | 11=Volunteer | 15=Retired (other) |
| 03=Part-time student | 08=Special employment | 12=Retired (disability) | 77=Other |
| 04=Special education | 09=Retired (age) | 13=Unempl. (not looking) | 99=Unknown |
| 05=Competitively employed | 10=Unemployed (looking) | 14=Hospitalized, no pay | |

211b. HOURS (PER WEEK) PAID COMPETITIVE EMPLOYMENT:

(Enter data if 211a=05, otherwise enter the correct missing data code.)

- 88=N/A-not currently compet. employed
99=Unknown

If 211a NOT=05, ask: Have you ever been competitively employed since your injury?

If YES, go to 211c

If NO and 211a NOT=08, go to 221

If NO and 211a=08, go to 212

211c. DATE OF FIRST COMPETITIVE EMPLOYMENT:

(Obtain this answer only once. Estimate day, if unknown.)

M M D D Y Y Y Y

1) When did you begin competitive employment following your injury?

/ /

08/08/8888 = N/A-no post-injury competitive employment

09/09/9999 = Unknown date of evaluation

08/08/8899 = N/A-employment started prior to last annual evaluation

If competitive employment started prior to this year, ask: Have you been competitively employed in the past year?

If YES, go to 211d

If NO and 211a NOT=05 or 08, go to 221

If NO and 211a=08, go to 212

211d. WEEKS OF PAID COMPETITIVE EMPLOYMENT:

1) Ask at one year: During the year after your injury and since you began competitive employment, how many weeks have you worked?

- 88=NA-no compet. employmt
99=Unknown

Ask other years: In the past year since your return to work, during how many weeks were you competitively employed?

211i. ANNUAL EARNINGS OF PERSON:

(Enter data if V211a=05, otherwise enter the correct missing data code.)

1) What is your total annual salary, based on all jobs held at the time of annual evaluation?

(cue respondent that salary=total earnings from all competitive employment, but not from nonemployment sources.)

- | | | | |
|-------------------------------|----------------------|----------------------|---------------------------------------|
| 01=\$9,999 or less (employed) | 05=\$40,000-\$49,999 | 09=\$80,000-\$89,999 | 77=Refused |
| 02=\$10,000-\$19,999 | 06=\$50,000-\$59,999 | 10=\$90,000-\$99,999 | 88=N/A-not currently compet. employed |
| 03=\$20,000-\$29,999 | 07=\$60,000-\$69,999 | 11=\$100,000 or more | 99=Unknown |
| 04=\$30,000-\$39,999 | 08=\$70,000-\$79,999 | | |

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

212. CENSUS OCCUPATIONAL CATEGORY:

(Enter data if V211a=05 or 08, otherwise code 88)

- | | | |
|---------------------------|--------------------------------------|--|
| 01=Exec/Admin/Manager | 06=Private household | 11=Machine Operators/Assemblers/Inspectors |
| 02=Professional specialty | 07=Protective services | 12=Transportation/Material Moving |
| 03=Technicians/support | 08=Service, other | 13=Handlers/Equip Cleaner/Helpers/Laborers |
| 04=Sales | 09=Farm/Forest/Fish | 14=Military |
| 05=Adm support/Clerical | 10=Precision Production/Craft/Repair | 88=N/A |
| | | 99= Unknown |

CLINICAL ASSESSMENTS

221. DATE OF SUBSEQUENT TRAUMATIC BRAIN INJURY:

M M Y Y Y Y

 /

77/7777=had subsequent TBI date unknown
88/8888=no subsequent TBI

99/9999=unknown if subsequent TBI

248f. MORBIDITY VARIABLES - CRANIAL: (collect until 12/31/04)

Any seizures since last evaluation? 1=No 2=Yes 9=Unknown

QUESTIONS FOR BEST SOURCE

251. DISABILITY RATING SCALE:

1. Eye Opening.....	<input type="text"/>	0=Spontaneous 1=To Speech	2=To Pain 3=None	9=Unknown
2. Communication Ability.....	<input type="text"/>	0=Oriented 1=Confused	2=Inappropriate 3=Incomprehensible	4=None 9=Unknown
3. Motor Response	<input type="text"/>	0=Obeying 1=Localizing	2=Withdrawing 3=Flexing	4=Extending 5=None 9=Unknown
4. Feeding	<input type="text"/> . <input type="text"/>	0.0=Complete 0.5=Btw Complete/Partial 1.0=Partial	1.5=Btw Partial/Minimal 2.0=Minimal 2.5=Btw Minimal/None	3.0=None 9.9=Unknown
5. Toileting	<input type="text"/> . <input type="text"/>			
6. Grooming	<input type="text"/> . <input type="text"/>			
7. Level of Functioning	<input type="text"/> <input type="text"/>	0.0=Completely Independent 0.5=Btw Comp. Indep/Spec Environ 1.0=Indep in Special Environment 1.5=Btw Spec Envir/Mild Dependent 2.0=Mildly Dependent 2.5=Btw Mild Dep/Mod Dependent	3.0=Moderately Dependent 3.5=Btw Mod Dep/Mark Dependent 4.0=Markedly Dependent 4.5=Btw Mark Dep/Tot Dependent 5.0=Totally Dependent 9.9=Unknown	
8. "Employability"	<input type="text"/> . <input type="text"/>	0.0=Not Restricted 0.5=Btw not restricted/Selected jobs 1.0=Selected Jobs/Competitive 1.5=Btw selected jobs/sheltered wkshp	2.0=Sheltered Workshop/Non-competitive 2.5=Btw Sheltered/Not Employable 3.0=Not Employable 9.9=Unknown	

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

297. SUPERVISION RATING SCALE (Refer to variable page for definitions and clarification.)

Independent

01=Alone, Independent

02=Unsupervised at night, sometimes during day

<input type="text"/>	<input type="text"/>
----------------------	----------------------

Overnight supervision

03=Supervised only at night

Part Time supervision

04=Supervised at night and selected day times.

05=Supervised at night and part-time during day; not supervised during working hours (full time)

06=Supervised at night and most of day except for few unsupervised hours.

07=Only unsupervised for periods less than one hour at a time.

Full-time indirect supervision

08=Full time indirect supervision; does not check more than once every 30 minutes

09=Same as 08, and requires overnight safety precautions (lock, etc.)

Full time direct supervision

10=Full time direct supervision; checked more than once every thirty minutes

11=Full time direct supervision in confined, controlled setting.

12=Same as 11, but with constant visual watch

13=Person is in physical restraints.

99=Unknown

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

252. FUNCTIONAL INDEPENDENCE MEASURE:

SELF CARE ITEMS:

- 1. Feeding
- 2. Grooming
- 3. Bathing
- 4. Dressing Upper Body
- 5. Dressing Lower Body
- 6. Toileting

7=Complete Independence (Timely, safely)
 6=Modified Independence (Extra time, device)
 5=Supervision
 4=Minimal Assistance (pt ≥75% of task)
 3=Moderate Assistance (pt 50-74% of task)
 2=Maximum Assistance (pt 25-49% of task)
 1=Total Assistance (pt <25% of task; doesn't do)
 9=Unknown/assessment not done
 66=Variable did not exist (8a,9a only)

SPHINCTER CONTROL:

- 8. Bladder Management.....
 - a. Level of assistance
 - b. Frequency of accidents
- 9. Bowel Management.....
 - a. Level of assistance
 - b. Frequency of accidents

Use with 8b and 9b

7=No accidents
 6=No accidents; uses device (catheter, ostomy)
 5=One accident in the past 7 days
 4=Two accidents in the past 7 days
 3=Three accidents in the past 7 days
 2=Four accidents in the past 7 days
 1=Five or more accidents in the past 7 days
 9=Unknown/assessment not done
 66=Variable did not exist (8b,9b only)

MOBILITY ITEMS:

Transfer Technique

- 10. Bed, Chair, Wheelchair
- 11. Toilet
- 12. Tub or Shower

Locomotion

- 14a. Walking/Wheelchair (w/c/9).....
- 15. Stairs

COMMUNICATIONS:

- 17. Comprehension...(a/v/b/9).....
- 18. Expression.....(v/n/b/9).....

PSYCHOSOCIAL ADJUSTMENT ITEMS:

- 22. Social Interaction

COGNITIVE FUNCTION:

- 26. Problem Solving.....
- 27. Memory

273. REHOSPITALIZATION(S): (code one reason for each hospitalization in the past year) 1.

- 00=Rehabilitation (inpatient)
- 01=Seizures
- 02=Neurologic disorder (non-seizure)
- 03=Psychiatric
- 04=Infectious
- 05=Orthopedic
- 06=General Health Maintenance or OB/GYN
- 07=Other not specified above
- 08=NA-no rehospitalizations or no further rehospitalizations
- 09=Unknown--rehospitalized but reason is unknown
- 99=Unknown if rehospitalized

- 2.
- 3.
- 4.
- 5.

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

296. GLASGOW OUTCOME SCALE – EXTENDED: (see Appendix O for administration and coding guidelines)

Take into account all available information.

Enter data into boxes that are not skipped per instructions.

1. Is the head-injured person able to obey simple commands, or say any words ? 2=Yes 1=No
If NO, skip rest of questions, code GOS-E = 2 “VS”. 9=Unknown
- 2a. Is the assistance of another person at home essential every day for some activities of daily living? 2=Yes 1=No
If NO, skip to 3a. 9=Unknown
- 2b. Do they need frequent help or someone around at home most of the time ? 9=Unknown
 1=No 2=Yes
- 2c. Was assistance at home essential before the injury ? 2=Yes 1=No
*If NO, skip rest of questions, code GOS-E=3 “LSD” if 2b=2,
 or code GOS-E=4 “USD” if 2b=1.* 9=Unknown
- 3a. Are they able to shop without assistance ? 2=Yes 1=No
If YES, skip to 4a. 9=Unknown
- 3b. Were they able to shop without assistance before the injury ? 2=Yes 1=No
If YES, skip rest of questions, code GOS-E=4 “USD”. 9=Unknown
- 4a. Are they able to travel locally without assistance ? 2=Yes 1=No
If YES, skip to 5a. 9=Unknown
- 4b. Were they able to travel without assistance before the injury ? 2=Yes 1=No
If YES, skip rest of questions, code GOS-E=4 “USD”. Unknown
- 5a. Are they currently able to work to their previous capacity ? 2=Yes 1=No
If YES, skip to 6a. 9=Unknown
- 5b. How restricted are they ? *Choose one.* 9=Unknown
 1=Reduced work capacity
 2=Able to work only in a sheltered workshop or non-competitive job,
 or currently unable to work.
- 5c. Were they either working or seeking employment before the injury (answer ‘yes’) or were they doing neither (answer ‘no’) ? 2=Yes 1=No
*If YES, skip rest of questions, code GOS-E=5 “LMD” if 5b=2
 or code GOS-E=6 “UMD” if 5b=1.* 9=Unknown
- 6a. Are they able to resume regular social and leisure activities outside home ? 2=Yes 1=No
If YES, skip to 7a. 9=Unknown
- 6b. What is the extent of restriction on their social and leisure activities ? *Choose one.* 9=Unknown
 1=Participate a bit less: at least half as often as before injury
 2=Participate much less: less than half as often
 3=Unable to participate: rarely, if ever, take part.

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : [] [] - [] [] [] [] [] - [] [] ENTER INTO DATABASE 9.7

296. GLASGOW OUTCOME SCALE – EXTENDED (cont.)

Enter data into boxes that are not skipped per instructions.

6c. Did they engage in regular social and leisure activities outside the home before the injury ? [] 2=Yes 1=No 9=Unknown
If YES, skip rest of questions, code GOS-E=5 "LMD" if 6b=3, or code GOS-E=6 "UMD" if 6b=2, or code GOS-E=7 "LGR" if 6b=1.

7a. Have there been psychological problems which have resulted in ongoing family disruption or disruption of friendships ? [] 2=Yes 1=No 9=Unknown
If NO, skip to 8a

7b. What has been the extent of disruptions or strain ? Choose one. [] 9=Unknown
1=Occasional – less than weekly. 2=Frequent or constant – once a week or more but tolerable. 3=Constant – daily and intolerable.

7c. Were there problems with family or friends before the injury ? [] 2=Yes 1=No 9=Unknown
If NO, skip rest of questions, code GOS-E=5 "LMD" if 7b=3, or code GOS-E=6 "UMD" if 7b=2, or code GOS-E=7 "LGR" if 7b=1.

8a. Are there any other current problems relating to the injury which affect daily life ? [] 2=Yes 1=No 9=Unknown
If NO, skip 8b, code GOS-E=8 "UGR".

8b. Were similar problems present before the injury ? [] 2=Yes 1=No 9=Unknown
If NO, code GOS-E=7 "LGR". If YES: If pre and post injury status essentially equal, code GOS-E=8 "UGR", or if pre and post injury status not essentially equal, use judgement to code GOS-E

The patient's overall rating is based on the lowest outcome category indicated on the scale. Refer to guidelines in Appendix O for further information concerning administration and scoring.

- 0=Variable didn't exist []
1=Dead
2=Vegetative State (VS)
3=Lower Severe Disability (LSD)
4=Upper Severe Disability (USD)
5=Lower Moderate Disability (LMD)
6=Upper Moderate Disability (UMD)
7=Lower Good Recovery (LGR)
8=Upper Good Recovery (UGR)
9=Unknown

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

292a1(1). DRUG USE:

During the last 12 months did you use any illicit or non-prescription drugs? 1=No
2=Yes 9=Unknown

292a2. ALCOHOL USE:

(Use the higher score if a range is given. Probe for size of drink, and adjust scoring accordingly.)

1) During the past month, have you had at least one drink of any alcoholic beverage such as beer, wine, wine coolers, or liquor?

1=No 2=Yes 7= Refused 9= Unknown/Don't know/not sure

2) During the past month, how many days per week or per month did you drink any alcoholic beverages, on the average? *(Enter data into one of the following; code the other "66")*

Enter number of days per week : **OR** Enter number of days per month:
 66=N/A 77= Refused 99= Unknown/Don't know/Not sure

3) A drink is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. On the days when you drank, about how many drinks did you drink on the average? Enter number of drinks:

66=N/A 77= Refused 99= Unknown/Don't know/Not sure

4) Considering all types of alcoholic beverages, how many times during the past month did you have five or more drinks on an occasion? Enter number of times:

00=None 66=N/A 77= Refused 99=Unknown/Don't know/Not sure

292b. TRANSPORTATION: Primary motorized transport mode

1=Drives vehicle 3=Public transit 5=N/A-no motorized transp. 8=N/A
2=Rides w/someone else 4=Special bus 9=Unknown

292c. INCOME AND SOURCE: (1) Family income

01=\$9,999 or less	05=\$40,000-\$49,999	09=\$80,000-\$89,999	77=Refused
02=\$10,000-\$19,999	06=\$50,000-\$59,999	10=\$90,000-\$99,999	88=N/A-not employed
03=\$20,000-\$29,999	07=\$60,000-\$69,999	11=\$100,000 or more	99=Unknown
04=\$30,000-\$39,999	08=\$70,000-\$79,999		

(2) Person with brain injury's non-employment income:

1=No 2=Yes 9=Unknown

a) SSI SSD TA/TANF (formerly AFDC) Welfare Unemp Ins Work Comp Pvt Ins Settlement Other

292e(1). ARRESTS:

In the past year, have you been arrested ? 1=No 2=Yes 9=Unknown

TRAUMATIC BRAIN INJURY MODEL SYSTEMS

DATA COLLECTION FORM FOR ANNUAL FOLLOW-UP EVALUATION – FORM II

Use for cases with follow-up completion date or window closing date (if no contact) 10/1/04 or later, until replaced by a newer Form II

200. SYSTEM/SUBJECT ID : - - **ENTER INTO DATABASE 9.7**

292f. PSYCHIATRIC PROBLEMS:

- 1) Attempted suicide in the past year ?
- 2) Any psychiatric hospitalizations in the past year ?

1=No 2=Yes 9=Unk

QUESTION FOR PERSON WITH BRAIN INJURY ONLY

292g. SATISFACTION WITH LIFE:

- 1) In most ways my life is close to my ideal.....
- 2) The conditions of my life are excellent.....
- 3) I am satisfied with my life.....
- 4) So far I have gotten the important things I want in life.....
- 5) If I could live my life over, I would change almost nothing

1=Strongly disagree
2=Disagree
3=Slightly disagree
4=Neither agree nor disagree
5=Slightly agree
6=Agree
7=Strongly agree
9=Unknown
10= N/A-no data from person w/ TBI

*** END ***

**GUIDELINES FOR CODING PRIMARY CAUSE OF DEATH
FOR TBI MODEL SYSTEMS
10/1/04**

A. In general, death certificates will have a line that documents the immediate cause of death followed by two or three lines under the heading "due to or as a consequence of." There will also be a line to document "other significant conditions."

As a general rule, the primary cause of death will be the cause entered alone on the lowest line of the "due to or as a consequence of" sequence unless it is unlikely that this condition gave rise to all the other conditions listed above it. *If you are uncertain about this, consult your center's medical professionals. An "Other significant condition" would be coded as a secondary cause of death unless it can be specifically linked to the causes listed above it, in which case it might be included in a combined primary cause of death. **Any mention of traumatic brain injury, head trauma, etc. (including late effects of TBI) should be ignored *unless it is a new injury (See F).**

For example, consider the following cases:

1. Immediate cause: Cardiac arrest 427.50
 Due to or as a consequence of:
 Due to or as a consequence of:
 Unless additional information can be acquired, **select cardiac arrest (427.50)** because, unfortunately, it is the only option available.
2. Immediate cause: Cardiorespiratory arrest 427.50
 Due to or as a consequence of: Pneumonia 486.00
 Due to or as a consequence of:
Select pneumonia (486.00) since it led to the cardiorespiratory arrest.
3. Immediate cause: Cardiorespiratory arrest 427.50
 Due to or as a consequence of: Septicemia 038.90
 Due to or as a consequence of: Pneumonia 486.00
Select pneumonia (486.00) because it led to the other conditions. List septicemia as a secondary cause.
4. Immediate cause: Cardiac arrest 427.50
 Due to or as a consequence of: Arteriosclerosis 440.90
 Due to or as a consequence of: Late effect of intracranial Injury 907.00
Select arteriosclerosis (440.90) and ignore the reference to TBI.
5. Immediate cause: Cardiorespiratory arrest 427.50
 Due to or as a consequence of: Septicemia 038.90
 Due to or as a consequence of: Renal failure 586.00
Select septicemia (038.90) because renal failure (which would ordinarily have been chosen) cannot cause septicemia. List renal failure as a secondary cause.

- | | | | |
|----|--------------------------------|------------------|--------|
| 6. | Immediate cause: | Arteriosclerosis | 440.90 |
| | Due to or as a consequence of: | Pneumonia | 486.00 |
| | Due to or as a consequence of: | | |

Select arteriosclerosis (440.90) because pneumonia (which would ordinarily have been chosen) cannot cause arteriosclerosis. List pneumonia as a secondary cause.

- | | | | |
|----|--------------------------------|----------------|--------|
| 7. | Immediate cause: | Cardiac arrest | 427.50 |
| | Due to or as a consequence of: | Hemorrhage | 459.00 |
| | Due to or as a consequence of: | | |
| | Other significant conditions: | Peptic ulcer | 533.40 |

Unless there is specific evidence indicating the hemorrhage was not associated with the peptic ulcer, **select peptic ulcer with hemorrhage (533.40)** because hemorrhage (which would ordinarily have been chosen) can be linked with peptic ulcer to identify a more specific condition. The important question is whether this death is better classified as resulting from a disease of the digestive system or a disease of veins and lymphatics. Certainly, the former seems more appropriate given the available information.

- | | | | |
|----|--------------------------------|---------------------|--------|
| 8. | Immediate cause: | Pernicious anemia | 281.00 |
| | Due to or as a consequence of: | Cerebral hemorrhage | 431.00 |
| | Due to or as a consequence of: | Arteriosclerosis | 440.90 |

Select pernicious anemia (281.00). Although arteriosclerosis can cause a cerebral hemorrhage, it cannot cause pernicious anemia. Cerebral hemorrhage also cannot cause pernicious anemia. Therefore, with no apparent causal sequence leading directly to the immediate cause of death, the immediate cause is selected as the primary cause of death. The others should be listed as secondary causes.

- B. In general, ill-defined conditions should not be selected as the primary cause of death unless no alternative exists. *(For exception – see H.)

For example:

- | | | | |
|----|--------------------------------|-----------------------|--------|
| 1. | Immediate cause: | Myocardial infarction | 410.90 |
| | Due to or as a consequence of: | Tachycardia | 785.00 |
| | Due to or as a consequence of: | | |

Select myocardial infarction (410.90) because tachycardia (which would ordinarily have been chosen) is considered a "symptom or ill-defined condition." Tachycardia can be listed as a secondary cause of death.

- C. In general, trivial conditions should be ignored. If death is the result of an adverse reaction to treatment for a trivial condition (such as renal failure resulting from taking aspirin for recurrent migraines), then code the adverse reaction as the primary cause of death. If the trivial condition is not reported as the cause of a more serious complication and a more serious unrelated condition is reported, then code the more serious condition as the primary cause of death.

For example:

- | | | |
|--------------------------------|---------------------------|--------|
| 1. Immediate cause: | Congenital anomaly of eye | 743.90 |
| Due to or as a consequence of: | Congenital heart disease | 746.90 |
| Due to or as a consequence of: | | |

Select congenital heart disease (746.90) even though it cannot cause a congenital anomaly of the eye because the latter is considered a trivial condition unlikely by itself to cause death.

- D. When the normal selection process results in choosing a condition which is described only in general terms and a related cause is also reported which provides more precise information about the system or nature of the chosen condition, reselect the more informative cause as the primary cause of death.

For example:

- | | | |
|--------------------------------|--------------------------|--------|
| 1. Immediate cause: | Cerebral thrombosis | 434.00 |
| Due to or as a consequence of: | Cerebrovascular accident | 436.00 |
| Due to or as a consequence of: | | |

Select cerebral thrombosis (434.00) because it is more informative and precise than cerebrovascular accident (which would ordinarily have been chosen). Cerebrovascular accident can be listed as a secondary cause.

- | | | |
|--------------------------------|----------------|--------|
| 2. Immediate cause: | Pyelonephritis | 590.80 |
| Due to or as a consequence of: | Kidney stone | 592.00 |
| Due to or as a consequence of: | Renal disease | 593.90 |

Select kidney stone (592.00). Both kidney stone and pyelonephritis are more specific than renal disease, but kidney stone would have been selected if renal disease had not been listed on the certificate. Therefore, it is preferred over pyelonephritis, which can be listed as a secondary cause of death along with renal disease.

- E. It is important to consider the interval between onset and death for each condition specified on the death certificate. Acute conditions that occurred a protracted time prior to death probably will not be the primary cause of death.

For example:

- | | | |
|--------------------------------|---------------------------------|--------|
| Immediate cause: | Congestive heart failure (3 mo) | 428.00 |
| Due to or as a consequence of: | Pneumonia (1 year) | 486.00 |
| Due to or as a consequence of: | | |

Select congestive heart failure (428.00) because the episode of pneumonia occurred a long time before the patient died as well as long before the symptomatic heart disease began.

- F. The use of E codes is very important because it is the only way to distinguish accidents, suicides and homicides from each other as well as from natural causes of death. However, E codes should only be used to reflect injuries that occur after the original TBI producing event. *If an injury or poisoning code is reported (800-999), it

should always also have an E-code (E800-E999) with it. If an E code is appropriate, it will always be the primary cause of death, *and should be listed first.

The distinction between accident, suicide and homicide can be found in a separate box on the death certificate below the list of causes.

- G. When the death certificate does not provide adequate information (for example when the only cause of death listed is "head trauma"), which refers to the original injury, code the cause of death as unknown.
- *H. For a death due to seizure or seizure disorder, use the seizure code 780.39 as opposed to the epilepsy codes 345.90 & 345.91.
- *I. When the death certificate reports the cause of death due to cancer/neoplasm, if a site of the cancer is given (e.g., lung cancer) assume this to be the primary site, if not otherwise specified.
- *J. If the death certificate lists several "Other significant conditions" or "Secondary causes", try to select from a different diagnosis grouping, for your secondary code, to provide more information upon analysis."

For example:

<u>1. Immediate Cause:</u>	<u>Adult Respiratory Distress Syndrome</u>	<u>518.4</u>
<u>Due to or as a consequence of:</u>	<u>Streptococcal Pneumonia</u>	<u>481</u>
<u>Other significant conditions:</u>	<u>Pseudomonas Sepsis</u>	<u>038.43</u>
	<u>Acute Glomerulonephritis</u>	<u>584.9</u>

Select Streptococcal Pneumonia (481) because it led to the other conditions.
List the acute Glomerulonephritis as your secondary code as it provides a different diagnosis grouping.

Adapted from the Spinal Cord Injury Model Systems

For more information, contact:

Cindy Harrison-Felix, Rocky Mountain Brain Injury System, or
Ken Wood, TBINDC

Updated 04/09/2004

Implemented 10/1/2004

16a.Guidelines for coding cause of death.041001

PROCEDURE FOR REQUESTING THE TBI MODEL SYSTEMS NATIONAL DATABASE CONTAINING ALL CENTERS' DATA

Any TBI Model System Project Director wishing to receive the most up-to-date copy of the National Database, please use the following procedure:

1. The TBI Model Systems National Database containing all centers' data is updated on a quarterly basis on the following dates: January 31st, April 30th, July 31st, October 31st.
2. The TBI Model System Project Directors are the only persons who may request a copy of the National Database. Project Co-Directors may also request a copy if prior arrangements are made in writing between the Project Director and the Manager of the TBI National Data Center.
3. The Project Director (or Co-Director) may not release the National Database to anyone other than those involved in his/her TBI Model Systems project.
4. The Project Director (or Co-Director) will assume responsibility for the release of the National Database to his/her TBI Model System staff.
5. For dissemination of any information contained in the TBI Model Systems National Database, refer to the TBI Model Systems Dissemination Policy.
6. In order to receive a copy of the database, complete the information below and return this form to Ken Wood at the TBI Model Systems National Data Center.
7. The database will be sent as a password protected email attachment. If your email facility is unable to accommodate its size, it will be mailed on a CD (please allow 10 business days).

Name of Requestor: _____

Name of TBI Model System: _____

Date of Request: _____

Date Needed: _____

Format for Data: (check one): **w/o PHI** **w/ PHI** (must have data use agreement with TBINDC)
(check one): **SPSS 10.0** **MS Access 2000** **MS Access 97**

Please send to: **Ken Wood, PhD**
Manager, TBI Model Systems National Database
Kessler Medical Rehabilitation Research and Education Corp.
1199 Pleasant Valley Way
West Orange, NJ 07052 Fax: (973) 243-6990 email: kwood@kmrrec.org

22h_Database_request_form



TBIMS Missing Data Report by the TBI National Data Center

Calculation of Missing Data Rates

8/18/2004

The TBIMS Missing Data Report (MDR) describes the extent of missing data in important variables during recent data collection¹. The MDR is released twice a year by the TBINDC. Missing data in the first two quarters of the year are covered in the MDR issued in the fourth quarter of that year; missing data in the entire year are covered in the MDR issued in the second quarter of the following year. The lag between submission of cases used in the report and issuing of the MDR allows Centers an extra quarter in which to collect and submit data for those cases. As a result, the missing data rates reported in the MDR better reflect those data that are truly missing, because the report includes little missing data caused by delays in collection and submission².

In the most recent MDR (for the year 2003), “missing data” is defined as blanks and “unknown” (9’s) and, in the following variables, additional codes were also counted as missing data³:

○ 111i:ANNUAL EARNINGS	77	Refused
○ 134:ETOH	888	Not tested
○ 135c:INTRACRANIAL CT	8	Not done
○ 192a2:PREMORBID ALCOHOL (1)	7	Refused
○ 192a2:PREMORBID ALCOHOL (2a/b)	77	Refused
○ 192a2:PREMORBID ALCOHOL (3)	77	Refused
○ 192a2:PREMORBID ALCOHOL (4)	77	Refused
○ 211i:ANNUAL EARNINGS	77	Refused
○ 221:DATE OF SUBSEQUENT TBI	77/7777	Unknown
○ 273:REHOSPITALIZATION	09 and 99	(both are unknown codes)

¹ The TBINDC recognizes the request from TBIMS members that the missing data statistics in the user-generated missing data report in each Center’s TBIMS database match the missing data statistics in the MDR. The TBINDC is working on this.

² In the future, cases indicated by centers as having been submitted with temporarily missing data will not be included in that MDR.

○ 292a2:ALCOHOL USE (1)	7	Refused
○ 292a2:ALCOHOL USE (2a/b)	77	Refused
○ 292a2:ALCOHOL USE (3)	77	Refused
○ 292a2:ALCOHOL USE (4)	77	Refused
○ 292c:INCOME AND SOURCE	77	Refused

The percent of missing data for a given variable is calculated by dividing the number of cases with missing data by the number of cases that have a date of injury (for Form I) or follow-up date (for Form II) within the appropriate time period. Rates of missing data are shown in the MDR if they are 10% or greater.

22n_MDRpt_calculations.040818a

³ It is anticipated that in future MDR's these "additional" missing data codes will be reported separately so the MDR better distinguishes between missing data that data collectors had a chance to collect and data that were missing for reasons beyond data collectors' control.

Issues Addressed by this Report and Description of Calculations

8/18/2004

This document has these updates. (Prior version was disseminated on 2/25/2004, dated 10/25/2003.)

- Adds a new line: “Form II’s overdue”. (Item already added to Quarterly Report.)
- Adds an appendix that shows how calculations differ for different versions of the Form II
- Expands the criteria for “refusal” as reason for submission without data. (Non-definitive refusals are now included.)
- Corrects the calculation of percent of Form II’s submitted with data (see page 2, #3). This correction will have little if any impact on reported statistics but tends to increase the rate of follow-ups submitted with data.
- Reformatted to make visually simpler.

Note: Because version 9.0 of Form II (1/1/03-3/31/03) did not provide codes for “refusal”, for subjects that refused V201a had to be coded “08/08/8888=N/A-no evaluation” or left blank. Because this report counts blanks and 08/08/8888 as “other” reasons for no data, centers may wish to recode V20Ad and V201a for refusals that were entered onto V9.0 forms. To do this, enter into your present database the refusal codes that have been available starting with V9.1.

FORM I

1. FORM I’S SUBMITTED (Total, Year, Quarter)

- How many patients have been enrolled in the TBIMS database?

= A* .

FORM II

All Years

1. FORM II’S SUBMITTED (Total, Year, Quarter)

- How many follow-ups have been submitted?

= C

2. FORM II’S OVERDUE (Total, Year, Quarter)

- How many follow-ups are overdue for submission?

= B

* Capitalized letters refer to calculations described in the “Calculations” section (pages 5-6).

3. FORM II'S SUBMITTED WITH DATA (Total, Year, Quarter)

- How many follow-ups have been submitted with data?
= D
- What percent of the follow-ups submitted have been submitted with data? (Deceased or incarcerated subjects not included in divisor.)
= D / (C-F-G)

Reasons for submitting without data

Deceased (Total, Year)

- How many participants are deceased? (Total) How many participants died since the last evaluation? (Year)
= F
- What percent of submitted follow-ups have no data because the participant is deceased?
= F / C
- What percent of the follow-ups submitted without data are from deceased participants?
= F / (C - D)

Refused (Total, Year, Quarter)

- How many participants refused to provide data?
= E
- What percent of submitted follow-ups have no data because the participant refused? (Deceased participants not included in the divisor.)
= E / (C - F)
- What percent of the follow-ups submitted without data are from refusals?
= E / (C - D)

Incarcerated (Total, Year)

- How many participants were incarcerated at the time of follow-up?
= G
- What percent of submitted follow-ups have no data because the participant is incarcerated? (Deceased participants not included in the divisor.)
= G / (C - F)
- What percent of follow-ups submitted without data are from incarcerated participants?
= G / (C - D)

Other/unknown reasons (Total, Year, Quarter)

- For how many participants were data not obtained for reasons *other* than death, refusal, or incarceration?

$$= H$$

- What percent of submitted follow-ups have no data for reasons other than death, incarceration, and refusal? (Deceased participants excluded from calculation.)

$$= H / (C - F)$$

- What percent of follow-ups submitted without data have no data for reasons other than death, incarceration, and refusal?

$$= H / (C - D)$$

1-YEAR FOLLOW-UPS

Submitted (Total, Year, Quarter)

- How many follow-ups have been submitted?

$$= C \quad (\text{For 1-year follow-ups})$$

Submitted with Data (Total, Year, Quarter)

- How many follow-ups have been submitted with data (beyond V201)?

$$= D \quad (\text{For 1-year follow-ups})$$

- What percent is this of all 1-year submitted follow-ups (excluding subjects deceased since last follow-up and subjects who are currently incarcerated)?

$$= D / (C - F - G) \quad (\text{For 1-year follow-ups})$$

2-YEAR FOLLOW-UPS *(Same calculations as above, but for 2-year follow-ups.)*

Submitted (Total, Year, Quarter)

- How many follow-ups have been submitted?

Submitted with Data (Total, Year, Quarter)

- How many follow-ups were submitted with data (beyond V201)?

- What percent is this of submitted 2-year follow-ups (excluding subjects deceased since last follow-up and subjects who are currently incarcerated)?

5-YEAR FOLLOW-UPS (Same calculations as above, but for 5-year follow-ups.)

Submitted (Total, Year, Quarter).

- How many follow-ups have been submitted? (quarter, year, all)

Submitted with Data (Total, Year, Quarter)

- How many follow-ups were submitted with data (beyond V201)? (quarter, year, all)
- What percent is this of submitted 5-year follow-ups (excluding subjects deceased since last follow-up and subjects who are currently incarcerated)?

10-YEAR FOLLOW-UPS (Same calculations as above, but for 10-year follow-ups.)

Submitted (Total, Year, Quarter).

- How many follow-ups have been submitted? (quarter, year, all)

Submitted with Data (Total, Year, Quarter)

- How many follow-ups were submitted with data (beyond V201)? (quarter, year, all)
- What percent is this of submitted 10-year follow-ups (excluding subjects deceased since last follow-up and subjects who are currently incarcerated)?

15-YEAR FOLLOW-UPS (Same calculations as above, but for 15-year follow-ups.)

Submitted (Total, Year, Quarter).

- How many follow-ups have been submitted? (quarter, year, all)

Submitted with Data (Total, Year, Quarter)

- How many follow-ups were submitted with data (beyond V201)? (quarter, year, all)
- What percent is this of submitted 15-year follow-ups (excluding subjects deceased since last follow-up and subjects who are currently incarcerated)?

Calculations

TIME PERIODS: ALL, YEAR, QUARTER

- All = all cases, including the most recent submission
Year = all cases in the 2nd, 3rd, 4th or 5th quarter prior to the current quarter
Quarter = all cases in the 2nd quarter prior to the current quarter

A = NUMBER OF PATIENTS ENROLLED

Criteria: Inpatient rehabilitation admission date (V101a(5)) falls in the specified time period.

C = NUMBER OF FOLLOW-UPS SUBMITTED

Criteria: Injury date (V101a(1)) indicates that the follow-up window closed in the specified time period

B = NUMBER OF FOLLOW-UPS OVERDUE

Criteria: Window closing date prior to end of 2nd quarter prior to current quarter; follow-up not in database; as of most recent evaluation participant was not deceased and had not withdrawn authorization.

D = NUMBER OF FOLLOW-UPS SUBMITTED WITH DATA

Criteria: (V20Ab = 1, 2, or 3) OR
(V20Ac = 1, 2, or 3) OR
(V201a NE (not equal) 05/05/5555, 06/06/6666, 07/07/7777, 08/08/8888, 09/09/9999, or blank)

E = NUMBER OF FOLLOW-UPS WITHOUT DATA DUE TO REFUSAL

Criteria: (V201a = 05/05/5555) OR
(V20Ad=05 and V201a=08/08/8888) OR
(V20Ad=05 and V201a=07/07/7777) OR
(V20Ad=03 and V20Ad2=05 and V201a=08/08/8888) OR
(V20Ad=03 and V20Ad2=05 and V201a=07/07/7777)

This definition works for all versions of the Form II except 9.0, which had neither V20Ad nor a refusal code for V201a. The appendix shows how the definition works with each version of Form II except 9.0. **Because all refusals that have been entered into the database using the only**

appropriate code in 9.0 (08/08/8888=N/A-no evaluation) show up in the report as having no data due to “other” reasons, the TBINDC recommends that refusals that were entered using 9.0 codes be re-entered using the refusal code (05/05/5555=Withdrew authorization) for V201a which appears on 9.1 and newer Form II’s.

F = NUMBER OF FOLLOW-UPS WITHOUT DATA DUE TO DEATH

Criteria: (V201a = 06/06/6666) OR
(V201b NE 08/08/8888, 09/09/9999, blank) OR
(V20Ad = 09)

This definition works differently for various versions of the Form II. The appendix shows how it works across versions of the Form II.

G = NUMBER OF FOLLOW-UPS WITHOUT DATA DUE TO INCARCERATION

Criteria: V209 = 04

H = NUMBER OF FOLLOW-UPS WITHOUT DATA DUE TO OTHER OR UNKNOWN REASONS

This is the residual of the number of follow-ups submitted, minus the number submitted with data, number deceased, number refused, and number incarcerated

$$H = C - D - E - F - G$$

Appendix

Calculations that Differ According to Version of Form II

NUMBER OF FOLLOW-UPS WITHOUT DATA DUE TO REFUSAL Distinguishing follow-ups without data because of refusal works somewhat differently across versions of the Form II, as follows:

V9.5 and newer (w/ V20Ad, w/ refusal code for V201a):

- All criteria apply

V9.1 through 9.4 (w/o V20Ad, w/ refusal code for V201a):

- V201a = 05/05/55555

V9.0 (w/o V20Ad, w/o refusal code for V201a).

- *No appropriate codes.* In V201a, “08/08/8888=N/A-no evaluation” is the only missing data code that is available for coding refusals, and this code results in the case being counted as an “other” cause of no data, rather than as a refusal. **The TBINDC recommends that follow-ups done with Form II version 9.0 for which no data were collected due to refusal be recoded using the refusal code for V201a that is provided on 9.1 and newer forms.**

V8.1 and older Form II’s (w/ V20Ad, w/o refusal code for V201a):

- (V20Ad = 05 and V201a=08/08/8888) OR
- (V20Ad = 03 and V20Ad2 = 05 and V201a=08/08/8888)

NUMBER OF FOLLOW-UPS WITHOUT DATA DUE TO DEATH Distinguishing follow-ups without data due to death works somewhat differently across versions of the Form II, as follows:

V9.5 (w/ V20Ad, w/ deceased codes for V201a, w/ V201b):

- All criteria apply

V9.1 through 9.4 (w/o V20Ad, w/ deceased codes for V201a, w/ V201b):

- (V201a = 06/06/6666) OR (V201b NE 08/08/8888, 09/09/9999, blank)

V9.0 (w/o V20Ad, w/o deceased code for V201a, w/ V201b):

- (V201b NE 08/08/8888, 09/09/9999, blank)

V8.1 and older (w/ V20Ad, w/o deceased code for V201a, w/ V201b):

- (V20Ad = 09) OR (V201b NE 08/08/8888, 09/09/9999, blank)

22o_QRpt_calculations.040818a

5. Before the injury, where was the patient living? (CIRCLE ONE)

PRIVATE RESIDENCE (HOME, APARTMENT, ETC)

REHABILITATION CENTER

NURSING HOME

HOTEL

OTHER HOSPITAL

ADULT HOME

HOMELESS

SUB-ACUTE

CORRECTIONAL

ACUTE CARE HOSPITAL

OTHER _____
(PLEASE WRITE IN)

5a. What is the zip code at the place where the patient was living before the injury? _____

If the patient is now living in a different place, or will be living in a different place after leaving inpatient rehabilitation, what is the zip code there? _____

6. How far has the patient gone in school? If the patient has not graduated from high school, circle the number of years spent in school. If the patient has at least a high school diploma, circle the highest degree earned (or worked toward). (CIRCLE ONE)

1 YR OR LESS

7 YRS

HIGH SCHOOL DIPLOMA

WORK TOWARD BACH., NO DIPLOMA

2 YRS

8 YRS

WORK TOWARD ASSOC., NO DIPLOMA

BACHELOR'S DEGREE

3 YRS

9 YRS

ASSOCIATE DEGREE

WORK TOWARD MASTER'S, NO DIPLOMA

4 YRS

10 YRS

MASTER'S DEGREE

5 YRS

11 YRS/12 YRS, NO DIPLOMA

WORK TOWARD DOCTORAL, NO DIPLOMA

6 YRS

DOCTORAL LEVEL

Did the patient earn a GED (Graduate Equivalent Degree) instead of graduating from high school?

NO YES

7a. Before the injury, what was the patient's employment status? (CIRCLE ALL THAT APPLY)

FULL TIME STUDENT

SPECIAL EMPLOYMENT/SHELTERED WORKSHOP/JOB COACH

PART TIME STUDENT

RETIRED (AGE)

UNEMPLOYED (NOT LOOKING)

SPECIAL EDUCATION

UNEMPLOYED (LOOKING)

HOSPITALIZED (NO PAY)

COMPETITIVELY EMPLOYED

VOLUNTEER

RETIRED (OTHER)

TAKING CARE OF HOUSE/FAMILY

RETIRED (DISABILITY)

OTHER _____
(PLEASE WRITE IN)

7b. If the patient was employed before the injury, please list the following:

Type of job (not name of company) prior to injury: _____

Average number of hours worked per week in the month before injury: _____ hrs/week

Number of weeks employed in the year before injury: _____ weeks

Annual earnings of patient (total salary) for the year before injury. (CIRCLE ONE)

(Earnings from work only. Do not include income from non-work sources such as investments, law suits, lottery, etc.)

Not employed	\$30,000-\$39,999	\$70,000-\$79,999
\$9,999 or less (employed)	\$40,000-\$49,999	\$80,000-\$89,999
\$10,000-\$19,999	\$50,000-\$59,999	\$90,000-\$99,999
\$20,000-\$29,999	\$60,000-\$69,999	\$100,000 or more

8. Was the patient ever hospitalized for a brain injury prior to the current hospitalization? **NO** **YES**

If **yes**, please explain: _____

9. During the year before the injury did the patient use any illicit or non-prescription drugs? **NO** **YES**

10. During the month before the injury, did the patient have at least one drink of any alcoholic beverage such as beer, wine, wine coolers, or liquor?

NO **YES**

11. During the month before the injury, how many days per week or days per month did he/she drink any alcoholic beverages, on the average?

NUMBER OF DAYS PER WEEK: _____ *OR* NUMBER OF DAYS PER MONTH: _____

12. A drink is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. On the days when the patient drank, about how many drinks did he/she drink on the average?

NUMBER OF DRINKS ON DAYS WHEN DRANK: _____

13. Considering all types of alcoholic beverages, how many times during the month before the injury did he/she have five or more drinks on an occasion?

NUMBER OF TIMES PER MONTH: _____

14. Was the patient ever incarcerated for conviction of a felony? **NO** **YES**

15. While in school, was the patient ever classified as a special education student?

NO **YES**

THAT'S ALL. THANK YOU.

MODEL SYSTEMS OF CARE FOR TRAUMATIC BRAIN INJURY

Please answer these questions about your situation before the injury. Your answers will help us understand problems related to the injury. All information will be kept confidential. Please answer all questions and be as accurate as possible. If you have any questions please contact us at _____.

Your name: _____ Date ____ - ____ - ____

Best person to contact if we cannot reach you:

Name: _____

Address: _____

Phone Number: (____) _____ Other phone number: (____) _____

Cell phone number: (____) _____ email address: _____

This person's relationship to you. Is the person your: (CIRCLE ONE)

MOTHER FATHER WIFE HUSBAND BROTHER SISTER SON
DAUGHTER FRIEND GIRL/BOYFRIEND OTHER _____
(PLEASE WRITE IN)

1. What is your date of birth? ____ / ____ / ____
month day year

2. What is your race? (CIRCLE ONE)

WHITE ASIAN/PACIFIC ISLANDER HISPANIC ORIGIN
BLACK NATIVE AMERICAN OTHER _____
(PLEASE WRITE IN)

3. What is your marital status? (CIRCLE ONE)

NEVER MARRIED DIVORCED WIDOWED
MARRIED OR LIVING TOGETHER AT LEAST 7 YEARS SEPARATED
OTHER _____ (PLEASE WRITE IN)

4. Before the injury, who was the primary person living with you? (CIRCLE ONE)

NO ONE (LIVED ALONE) CHILD 21 YEARS OR OLDER PERSONAL
CARE ATTENDANT
WIFE HUSBAND ROOMMATE OTHER _____
PARENT SIGNIFICANT OTHER (PLEASE WRITE IN)
BROTHER/SISTER OTHER PATIENTS
CHILD LESS THAN 21 YEARS OTHER RESIDENTS

5. Before the injury, where were you living? (CIRCLE ONE)

PRIVATE RESIDENCE (HOME, APARTMENT, ETC)

REHABILITATION CENTER

NURSING HOME

HOTEL

OTHER HOSPITAL

ADULT HOME

HOMELESS

SUB-ACUTE

CORRECTIONAL

ACUTE CARE HOSPITAL

OTHER _____
(PLEASE WRITE IN)

5a. What is the zip code at the place where you were living before the injury? _____

If you are now living in a different place, or will be living in a different place after leaving inpatient rehabilitation, what is the zip code there? _____

6. How far have you gone in school? If you have not graduated from high school, circle the number of years spent in school. If you have at least a high school diploma, circle the highest degree earned (or worked toward). (CIRCLE ONE)

1 YR OR LESS

7 YRS

HIGH SCHOOL DIPLOMA

WORK TOWARD BACH., NO DIPLOMA

2 YRS

8 YRS

WORK TOWARD ASSOC., NO DIPLOMA

BACHELOR'S DEGREE

3 YRS

9 YRS

ASSOCIATE DEGREE

WORK TOWARD MASTER'S, NO DIPLOMA

4 YRS

10 YRS

MASTER'S DEGREE

5 YRS

11 YRS/12 YRS, NO DIPLOMA

WORK TOWARD DOCTORAL, NO DIPLOMA

6 YRS

DOCTORAL LEVEL

Did you earn a GED (Graduate Equivalent Degree) instead of graduating from high school?

NO YES

7a. Before the injury, what was your employment status? (CIRCLE ALL THAT APPLY)

FULL TIME STUDENT

SPECIAL EMPLOYMENT/SHELTERED WORKSHOP/JOB COACH

PART TIME STUDENT

RETIRED (AGE)

UNEMPLOYED (NOT LOOKING)

SPECIAL EDUCATION

UNEMPLOYED (LOOKING)

HOSPITALIZED (NO PAY)

COMPETITIVELY EMPLOYED

VOLUNTEER

RETIRED (OTHER)

TAKING CARE OF HOUSE/FAMILY

RETIRED (DISABILITY)

OTHER _____
(PLEASE WRITE IN)

7b. If you were employed before the injury, please list the following:

Type of job (not name of company) prior to injury: _____

Average number of hours worked per week in the month before injury: _____ hrs/week

Number of weeks employed in the year before injury: _____ weeks

Annual earnings (total salary) for the year before injury. (CIRCLE ONE)

(Earnings from work only. Do not include income from non-work sources such as investments, law suits, lottery, etc.)

Not employed	\$30,000-\$39,999	\$70,000-\$79,999
\$9,999 or less (employed)	\$40,000-\$49,999	\$80,000-\$89,999
\$10,000-\$19,999	\$50,000-\$59,999	\$90,000-\$99,999
\$20,000-\$29,999	\$60,000-\$69,999	\$100,000 or more

8. Were you ever hospitalized for a brain injury prior to the current hospitalization? **NO** **YES**

If **yes**, please explain: _____

9. During the year before the injury did you use any illicit or non-prescription drugs? **NO** **YES**

10. During the month before the injury, did you have at least one drink of any alcoholic beverage such as beer, wine, wine coolers, or liquor?

YES

NO

11. During the month before the injury, how many days per week or days per month did you drink any alcoholic beverages, on the average?

NUMBER OF DAYS PER WEEK: _____ *OR* NUMBER OF DAYS PER MONTH: _____

12. A drink is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. On the days when you drank, about how many drinks did you drink on the average?

NUMBER OF DRINKS ON DAYS WHEN DRANK: _____

13. Considering all types of alcoholic beverages, how many times during the month before the injury did you have five or more drinks on an occasion?

NUMBER OF TIMES PER MONTH: _____

14. Were you ever incarcerated for conviction of a felony? **NO** **YES**

15. While in school, were you ever classified as a special education student? **NO** **YES**

THAT'S ALL. THANK YOU.

DETAILED LIST OF SYLLABUS CHANGES TO BE DONE IN 3rd QUARTER 2004 for 4th QUARTER 2004 (V9.7)

Var/Topic	Date due	Description	Job done	L Syllab do?	done	DC form do?	done	DE screen do?	done
FORM I									
109	04Q4	Move "shelter" from code 01=Private to 06=Homeless	X	X	X				
109	04Q4	Delete "involuntary" from "involuntary inpatient drug rehabilitation" (a subcategory of code "09=Hospital-other").	X	X	X				
192a2	04Q4	Fix database so codes of older forms (9.4 and older) can be entered as-is from the DCF. This was done for 9.6 but too late to be included in "variable history". So, enter it retroactively and back date it to 7/1/04 (because the change was made in the database used 3 rd quarter).	X					X	X
FORM II									
209	04Q4	Move "shelter" from code 01=Private to 06=Homeless	X	X	X				
209	04Q4	Delete "involuntary" from "involuntary inpatient drug rehabilitation" (a subcategory of code "09=Hospital-other").	X	X	X				
292a2	04Q4	Fix database so codes of older forms (9.4 and older) can be entered as-is from the DCF. This was done for 9.6 but too late to be included in "variable history". So, enter it retroactively and back date it to 7/1/04 (because the change was made in the database used 3 rd quarter).	X					X	X
CONTACT INFO									
	04Q4	Correct Tiffany's email address on the Contact List (remove "y")	X						
	04Q4	Remove K Black (MICH)	X						
	04Q4	Remove Jay Meythaler from AL.	X						
	04Q4	Add Jay Meythaler to MICH. He is Medical Director. Phone is 313-996-0444. email is jmeythal@dmc.org . Address and fax number are the same as RH.	X						
OTHER DOCS									
*=update date etc every quarter									
*00d		Title page	X	X	X				
*03a.Contact Information			X						
*03e.Listserver	040Q4	Update every quarter.	X						

DETAILED LIST OF SYLLABUS CHANGES TO BE DONE IN 3rd QUARTER 2004 for 4th QUARTER 2004 (V9.7)

Var/Topic	Date due	Description	Job done	L Syllab do?	done	DC form do?	done	DE screen do?	done
subscribers-by center									
*03f.Listserver subscribers-by Listserver	04Q4	Update every quarter.	X						
*07a.Form I dcf	04Q4	Update version and date every quarter.	X						
*12a.Form II data collection form	04Q04	Update version and date every quarter	X						
16a.Guidelines for Coding Cause of Death	04Q4	Add updated version	X	X	X				
22h.Dbs Rqst form	04Q4	Add revised form	X						
22n.MDR Calculations	04Q4.	Add to Appendix I	X						
22n.MDR Calculations	04Q4	Add statement that cases submitted with missing data will not be included in future MDR's.	X						
22o.QRpt Calculations	04Q4	Add to Appendix I	X						
*26a. Premorbid Hist-Patient	04Q4	Update version number	X						
*26b. Premorbid Hist-Family	04Q4	Update version number	X						
LIVE SYLLAB FEATURES	Change s c b made anytime								
F1, F2 changes lists	04Q4	In Table of Contents, fix links 06a and 11a so 06a links to Form I changes and 11a links to Form II changes.	X						
“Revisions” tab	04Q4	Change name from “Revisions” to “Variable History”	X						
Q&A box	04Q4	Add Q&A box. Have status show in the answer box but only if the question hasn't yet been answered..	X						

Detailed changes list 04Q4.040818

TBI MODEL SYSTEMS FOLLOW-UP SURVEY

[*Firstname Lastname*] has been a participant in our TBI Model Systems Study since [*enrollment date*]. We need information about [*Firstname*] that is asked on the next few pages in order to better understand the course of recovery and outcomes after brain injury. All the information will be kept confidential. All terms of the initial TBI Model System consent apply.

These questions are to be answered by [*Firstname*] (the person with brain injury). If that is not possible, someone who knows [*Firstname*] well may answer the questions.

If you would like more information or if answering these questions over the telephone would be better than writing out the answers, please contact me.

[Name], [TBIMS title], [phone number]

THANK YOU FOR PARTICIPATING IN THIS STUDY!

What is the name of the person answering these questions?

Mr/Mrs/Ms_____

1. How are you (the person answering these questions) related to the person with the brain injury (TBI)?

20Ae

I AM the person with the brain injury.

I am the person with brain injury's. . .

- | | |
|--|---|
| <input type="checkbox"/> Spouse | <input type="checkbox"/> Boyfriend or girlfriend |
| <input type="checkbox"/> Parent | <input type="checkbox"/> Friend |
| <input type="checkbox"/> Brother or sister | <input type="checkbox"/> Professional caregiver |
| <input type="checkbox"/> Son or daughter over 21 years old | <input type="checkbox"/> Other (please describe)_____ |
| <input type="checkbox"/> Other relative | |

2. Which is true at present for the person with TBI? (Check one)

207

- Never married
 Married (or living with someone as a couple for 7 or more years)
 Divorced
 Separated
 Widowed
 Other (please describe) _____

3. Who is the main person that the person with TBI is living with? (Check one)

208

- | | |
|--|--|
| <input type="checkbox"/> No one (lives alone) | <input type="checkbox"/> Son or daughter or step-child who is less than 21 years old |
| <input type="checkbox"/> Spouse | <input type="checkbox"/> Son or daughter or step-child who is 21 years or older |
| <input type="checkbox"/> Parent | <input type="checkbox"/> Other relative |
| <input type="checkbox"/> Brother or sister | <input type="checkbox"/> Significant other (like a spouse, but not married) |
| <input type="checkbox"/> Roommate | <input type="checkbox"/> Other patients in a hospital or place like a hospital |
| <input type="checkbox"/> Friend | <input type="checkbox"/> Other residents in a group home |
| <input type="checkbox"/> Personal care attendant | <input type="checkbox"/> Other (describe)_____ |

4. Where is the person with TBI currently living? (Check one)

209

- | | |
|---|---|
| <input type="checkbox"/> Private home or apartment | <input type="checkbox"/> Rehabilitation Hospital |
| <input type="checkbox"/> Nursing home | <input type="checkbox"/> Mental hospital |
| <input type="checkbox"/> Adult Home (group home, foster care) | <input type="checkbox"/> Prison/Jail |
| <input type="checkbox"/> Hotel | <input type="checkbox"/> Other (describe)_____ |
| <input type="checkbox"/> Regular hospital | <input type="checkbox"/> Not living anywhere (homeless) |
| <input type="checkbox"/> Subacute care (1-3 hrs of therapy a day, medical care available) | |

What is the ZIP code there? _____ (zip code)

209a

5. What is the highest level of school that the person with TBI has successfully completed? (Check one)

- | | | |
|--|---|------|
| <input type="checkbox"/> 1 st grade or less | <input type="checkbox"/> 12 th grade but did not graduate | 210a |
| <input type="checkbox"/> 2 nd grade | <input type="checkbox"/> High school (12 th grade, graduated with diploma) | |
| <input type="checkbox"/> 3 rd grade | <input type="checkbox"/> Work toward Associates degree (but no degree received) | |
| <input type="checkbox"/> 4 th grade | <input type="checkbox"/> Associates degree | |
| <input type="checkbox"/> 5 th grade | <input type="checkbox"/> Work toward Bachelors degree (but no degree received) | |
| <input type="checkbox"/> 6 th grade | <input type="checkbox"/> Bachelors degree | |
| <input type="checkbox"/> 7 th grade | <input type="checkbox"/> Work toward Masters degree (but no degree received) | |
| <input type="checkbox"/> 8 th grade | <input type="checkbox"/> Masters degree | |
| <input type="checkbox"/> 9 th grade | <input type="checkbox"/> Work toward Doctorate degree (PhD,MD,etc) (but no degree received) | |
| <input type="checkbox"/> 10 th grade | <input type="checkbox"/> Doctorate degree | |
| <input type="checkbox"/> 11 th grade | <input type="checkbox"/> Other (describe) _____ | |

6. Did the person with TBI earn a General Equivalency Diploma (GED) instead of graduating from high school? No Yes

210b

7. What is the person with TBI's current employment or educational status? (Check all that apply) 211a

- | | |
|---|--|
| <input type="checkbox"/> Has a regular job | <input type="checkbox"/> Volunteer work |
| <input type="checkbox"/> Special employment because of disability | <input type="checkbox"/> Retired because of disability |
| <input type="checkbox"/> Takes care of house or family | <input type="checkbox"/> Retired due to age |
| <input type="checkbox"/> Unemployed and looking for work | <input type="checkbox"/> Retired due to other reasons |
| <input type="checkbox"/> Unemployed, not looking for work | <input type="checkbox"/> Hospitalized |
| <input type="checkbox"/> Full-time student | <input type="checkbox"/> Other (describe) _____ |
| <input type="checkbox"/> Part-time student | |
| <input type="checkbox"/> Special education classes (describe) _____ | |

8. After the injury, when did the person with TBI start working in a regular job? ____ / ____ / ____ 211c
(month) (day) (year)

No regular job since the TBI

9. Currently, what kind of work does the person with TBI do? _____ 212

No regular job currently

10. About how many hours a week does the person with TBI work in a regular job?

_____ hours a week No regular job currently 211b

11. In the past year, how many weeks did the person with TBI work in a regular job?

_____ weeks No regular job in the past year 211d

12. Currently, about how much money does the person with TBI make at work each week ?

_____ dollars per week No regular job currently 211i

23. If the person with TBI has non-employment income, where does it come from? (Check all that apply)

- SSI (Supplemental Security Income)
- SSD (Social Security Disability)
- TA/TANF (Temporary Assistance/ for Needy Families)
- General Assistance (state interim welfare)
- Unemployment Insurance
- Workers' Compensation
- Private Insurance
- Legal settlement (lawsuit)
- Other (please list) _____
- Does not receive non-employment income

24. Has the person with TBI been arrested in the past year? 292e

No Yes

25. Has the person with TBI attempted suicide in the past year? 292f

No Yes

26. Has the person with TBI been hospitalized for a psychiatric problem in the past year? 292f

No Yes

27. For each of the following statements, circle the number that best describes how much you (the person with TBI) agree or disagree with the statement. For instance, if you slightly agree with the statement "I am satisfied with my life", you would circle the number 5 to the right of "I am satisfied with my life." 292g

	Strongly Disagree	Disagree	Slightly Disagree	Neither Disagree nor Agree	Slightly Agree	Agree	Strongly Agree
In most ways my life is close to my ideal.	1	2	3	4	5	6	7
The conditions of my life are excellent.	1	2	3	4	5	6	7
I am satisfied with my life.	1	2	3	4	5	6	7
So far I have gotten the important things I want in life.	1	2	3	4	5	6	7
If I could live my life over, I would change almost nothing.	1	2	3	4	5	6	7

28. Date this survey was completed: _____ / _____ / _____
(month) (day) (year)

201a

GO TO THE NEXT PAGE

Thank you for answering our questions

Thanks to people like you, the Traumatic Brain Injury Model Systems Study remains one of the most successful projects that learns about long-term outcomes of people who have had a brain injury. In order to continue this high rate of success, we need to update our contact information.

What is your (person with TBI) current address and phone number?

Street _____

City _____ State _____ Zip _____

Home phone (include area code) _____

Cell phone (include area code) _____

Email address _____ @ _____

What is the name, address, and phone number of someone close to you (person with TBI) whom we may contact if necessary?

Name _____ Relationship _____

Street _____

City _____ State _____ Zip _____

Home phone (include area code) _____

Cell phone (include area code) _____

Email address _____ @ _____

THAT'S ALL.

THANK YOU!

**Traumatic Brain Injury Model System
National Database Live Syllabus**

History of Form I Variables

History of Form I Variables

ID	Variable Title	Revision Change	Date of Revision
101a	DATES (AND TIMES)	In DEFINITION, numbered the six parts of this item. (In order to make them easier to identify.)	2004-10-01
109	RESIDENCE	Deleted "shelter" from code 01. Added "shelter for the homeless" to code 06.	2004-10-01
109	RESIDENCE	Deleted "involuntary" from "involuntary inpatient drug treatment program", a category of code "09=Hospital--other".	2004-10-01
192a2	PREMORBID ALCOHOL USE	Added NOTE that data entry screens are programmed so pull-down menu items 7 and 9 (switched starting with V9.5) now adjust for forms 9.4 and earlier and for form 9.5 and later. Data from all forms can now be entered AS IS. (This change was made in the database last quarter (9.6) but too late to add to syllabus page.)	2004-10-01
111i	ANNUAL EARNINGS	Corrected VARIABLE HISTORY for 7/1/02: changed "year prior to evaluation" to "year prior to injury".	2004-07-01
144a	DATE EMERGED FROM PTA	Added links to COMBI.	2004-07-01
146	CAUSE(S) OF DEATH	In CODES, added "777.7(7)=Person expired but cause of death unknown". Corrected the labels for 888.88 (ICD-9) and 888.8 (E-code). For 888.88, "NA-Person alive, or no other cause of death indicated" has been changed to "NA-Person alive, or no other internal cause of death indicated, or death due to external causes". For 888.8, "NA-Person alive, or no other cause of death indicated" has been changed to "NA-Person alive, or death not due to external causes".	2004-07-01
151	DISABILITY RATING SCALE	To TRAINING, added information about certification from "22f.Data Quality Guidelines".	2004-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added information about training and certification to TRAINING (from 22f.Data Quality Guidelines).	2004-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	In DEFINITION fixed the link to the current (4/1/2004) IRF-PAI manual and added a description of where in the manual to look for FIM-related information.	2004-07-01
192a1	PREMORBID DRUG USE	Added to CHARACTERISTICS OF DATA, an explanation for data in cases existing prior to implementation date (1/1/97).	2004-07-01
192a2	PREMORBID ALCOHOL USE	Moved NOTE explaining why there are some cases prior to 1/1/97 that have data, to CHARACTERISTICS OF DATA.	2004-07-01
192a2	PREMORBID ALCOHOL USE	Corrected EXAMPLE so 2a is "66".	2004-07-01
192h	PREMORBID HISTORY OF PENAL INCARCERATIONS WITH CONVICTION FOR FELONY	Added to CHARACTERISTICS OF DATA, an explanation for data in cases existing prior to implementation date (1/1/97).	2004-07-01
192i	PREMORBID HISTORY OF LEARNING AND/OR BEHAVIOR PROBLEMS IN SCHOOL	Added to CHARACTERISTICS OF DATA, an explanation for data in cases existing prior to implementation date (1/1/97).	2004-07-01
192i	PREMORBID HISTORY OF LEARNING AND/OR BEHAVIOR PROBLEMS IN SCHOOL	Changed format of EXAMPLE.	2004-07-01

ID	Variable Title	Revision Change	Date of Revision
192i	PREMORBID HISTORY OF LEARNING AND/OR BEHAVIOR PROBLEMS IN SCHOOL	Deleted references to the dropped items (1,2,4).	2004-07-01
01	VERSION OF FORM I BEING ENTERED	Changed description of number of CHARACTERS to "2" (not including decimal)	2004-04-01
01	VERSION OF FORM I BEING ENTERED	Updated instructions about editing/entering data on forms other than the current form.	2004-04-01
102	SHORT TERM REHABILITATION INTERRUPTION	Variable added back into database.	2004-04-01
105	RACE	Added link to 2000 census report.	2004-04-01
110a	YEARS OF EDUCATION	Added "successfully" prior to "completed" in DEFINITION.	2004-04-01
110a	YEARS OF EDUCATION	Added EXAMPLE of being held back in elementary school.	2004-04-01
110a	YEARS OF EDUCATION	Updated SOURCE.	2004-04-01
110a	YEARS OF EDUCATION	Added information about the calculated education variable, in CHARACTERISTICS OF DATA.	2004-04-01
111a	EMPLOYMENT STATUS	Moved prioritization list from NOTES to DEFINITION.	2004-04-01
111a	EMPLOYMENT STATUS	Added information to CHARACTERISTICS OF DATA about the employment calculated variable, which merges current data with data collected before the response categories were expanded.	2004-04-01
112	CENSUS OCCUPATIONAL CATEGORY	Added link to website with occupation codes information.	2004-04-01
112	CENSUS OCCUPATIONAL CATEGORY	Added instructions for using the occupations codes document and a link to the instructions.	2004-04-01
121	HISTORY OF TBI	Moved paragraph about penetrating wounds to DEFINITION, from unlabeled text box.	2004-04-01
121	HISTORY OF TBI	Added NOTE about respondent recalling patient having prior TBI.	2004-04-01
131h	ASSOCIATED INJURY - Spinal Cord Injury	Added "ASIA" to SOURCE box. (From the page for V131, which has now been deleted.)	2004-04-01
139	GLASGOW COMA SCALE	Added "sedated" to reasons for coding "7".	2004-04-01
139	GLASGOW COMA SCALE	Added list of sedatives in NOTES.	2004-04-01
139	GLASGOW COMA SCALE	Added link to PubMed.	2004-04-01
144a	DATE EMERGED FROM PTA	Added full references to SOURCES.	2004-04-01
144a	DATE EMERGED FROM PTA	In DEFINITION removed reference to the neuropsychological battery.	2004-04-01
144a	DATE EMERGED FROM PTA	Added links to COMBI.	2004-04-01
144a	DATE EMERGED FROM PTA	Added links to PubMed.	2004-04-01
146	CAUSE(S) OF DEATH	Added reference to Coding Guidelines in Appendix C.	2004-04-01
151	DISABILITY RATING SCALE	Added links to COMBI.	2004-04-01
151	DISABILITY RATING SCALE	Added link from source document to PubMed.	2004-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated link to IRF-PAI manual (4/1/04 version).	2004-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added links to COMBI.	2004-04-01

ID	Variable Title	Revision Change	Date of Revision
170m1	CRANIAL SURGERY - CRANIOTOMY/CRANIECTOMY	Added to DEFINITION that burrhole washout is coded as craniotomy.	2004-04-01
170m1	CRANIAL SURGERY - CRANIOTOMY/CRANIECTOMY	Corrected EXAMPLE (code changes from "1" to "2").	2004-04-01
192a1	PREMORBID DRUG USE	Added link to report on COMBI using TBIMS data.	2004-04-01
192a2	PREMORBID ALCOHOL USE	Added "Unknown" to code "Don't know/Not sure"	2004-04-01
192a2	PREMORBID ALCOHOL USE	Reversed the codes for "Refused" (was 9, now 7) and "Unknown/Don't know/Not sure" (was 7, now 9)	2004-04-01
192a2	PREMORBID ALCOHOL USE	Added NOTE explaining why there are some cases prior to 1/1/97 that have data.	2004-04-01
192a2	PREMORBID ALCOHOL USE	Added NOTE that a report on alcohol use based on TBIMS data is on COMBI.	2004-04-01
110b	GED	Added NOTE about coding contingent on high school and college.	2004-01-01
111a	EMPLOYMENT STATUS	Added NOTE to code education as full-time or part-time based on self-report.	2004-01-01
111i	ANNUAL EARNINGS	Added NOTE to include tips.	2004-01-01
135	INTRACRANIAL CT DIAGNOSIS	Added NOTE that a trained person who is TBIMS certified may code this variable.	2004-01-01
140	REVISED TRAUMA SCORE	Corrected VARIABLE HISTORY of 1/1/95 to read respiratory "effort" rather than "rate".	2004-01-01
144a	DATE EMERGED FROM PTA	Added NOTE that NP databusters confirmed current procedure for calculation (approx 9/02).	2004-01-01
148h	CRANIAL COMPLICATIONS - Intracranial Hypertension	On data collection form, removed the underscore from ">" in code 3.	2004-01-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about scoring Comprehension when person wears eyeglasses.	2004-01-01
192a2	PREMORBID ALCOHOL USE	Added coding instruction for item 2 that 66 should be scored for the item not answered.	2004-01-01
192a2	PREMORBID ALCOHOL USE	Added NOTE box with 2 notes (use self-report; reference to appendix G for definition of "drink") from the syllabus page for V292a2.	2004-01-01
192a2	PREMORBID ALCOHOL USE	Added note to code the higher score if a range is given.	2004-01-01
192a2	PREMORBID ALCOHOL USE	Added note to probe for size of drink, and adjust scoring according to answer received.	2004-01-01
105	RACE	Added NOTE that person's or SO's information is preferred to hospital records.	2003-10-01
107	MARITAL STATUS	Added NOTE that if married more than once, code relative to the most recent.	2003-10-01
110b	GED	Corrected EXAMPLE; changed from "2" to "3".	2003-10-01
111a	EMPLOYMENT STATUS	Added to DEFINITION an instruction to use the priority list to determine primary and secondary, if more than two employment statuses.	2003-10-01
111a	EMPLOYMENT STATUS	Added NOTE to use the priority list to determine primary and secondary, irrespective of relative number of hours worked in the various statuses.	2003-10-01
111a	EMPLOYMENT STATUS	Added NOTE to code as employed if had been hired but had not started work.	2003-10-01
130a	DATE ABLE TO FOLLOW COMMANDS	Added NOTE that the purpose of this variable is to establish the date of emergence from coma.	2003-10-01

ID	Variable Title	Revision Change	Date of Revision
103	PATIENT BIRTHDATE	Removed code "08/08/8888=N/A" from data collection form starting 4/1/2003.	2003-04-01
100	SYSTEM/SUBJECT ID	Added codes for 4 new centers.	2003-01-01
100	SYSTEM/SUBJECT ID	Indicated the 5 defunded centers.	2003-01-01
101a	DATES (AND TIMES)	Deleted 101B: Times of Injury and ER Admission	2003-01-01
102	SHORT TERM REHABILITATION INTERRUPTION	Variable deleted.	2003-01-01
110a	YEARS OF EDUCATION	Changed label of code 01 from "1 year" to "1 year or less".	2003-01-01
110a	YEARS OF EDUCATION	Corrected code for "Variable did not exist at time of interview" from "00" to "66".	2003-01-01
111d	JOB STABILITY: WEEKS EMPLOYED	Added NOTE about coding infrequent employment.	2003-01-01
130a	DATE ABLE TO FOLLOW COMMANDS	Deleted code 08/08/8888=NA.	2003-01-01
130a	DATE ABLE TO FOLLOW COMMANDS	Added instruction to code as date of admission to ER if ptn was never unable to follow commands.	2003-01-01
139	GLASGOW COMA SCALE	Deleted "highest score" and "lowest score" for variables 139a-d and all related instructions.	2003-01-01
144a	DATE EMERGED FROM PTA	Deleted code "07/07/7777=Never had amnesia".	2003-01-01
144a	DATE EMERGED FROM PTA	Added to NOTES that if person never had PTA, code date of admission to ER.	2003-01-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	In SOURCE, updated the URL at which the IRF-PAI Training Manual can be viewed & printed.	2003-01-01
170m1	CRANIAL SURGERY - CRANIOTOMY/CRANIECTOMY	Variable added to dataset.	2003-01-01
192a1	PREMORBID DRUG USE	Items 1a-f deleted (specific drugs used).	2003-01-01
192i	PREMORBID HISTORY OF LEARNING AND/OR BEHAVIOR PROBLEMS IN SCHOOL	Deleted items 1,2 and 4 (expelled, dropped out, failed to advance to next grade).	2003-01-01
01	VERSION OF FORM I BEING ENTERED	Variable added to syllabus	2002-07-01
109a	ZIP CODE	Changed missing data codes from 5 characters to 1 character.	2002-07-01
109a	ZIP CODE	Added "patient lived outside US" to code "8".	2002-07-01
111a	EMPLOYMENT STATUS	Added NOTE about minimum wage in foreign country.	2002-07-01
111a	EMPLOYMENT STATUS	Added NOTE about coding if did not work all days in prior month.	2002-07-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Changed code 88 to "not currently competitively employed".	2002-07-01
111d	JOB STABILITY: WEEKS EMPLOYED	Changed label of code 88 from "not competitively employed" to "no competitive employment in the last year", to indicate that 88 should be used only if person has not been competitively employed at all during year prior to evaluation.	2002-07-01
111i	ANNUAL EARNINGS	Changed code 88 from "not competitively employed" to "no competitive employment", to indicate that 88 should be used only if person has not been competitively employed for the entire year prior to injury.	2002-07-01

ID	Variable Title	Revision Change	Date of Revision
140	REVISED TRAUMA SCORE	Revised NOTE regarding the coding of values reported in ranges.	2002-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Revised 1st sentence in code "66" to read "Data not available with new (1/1/02) scoring."	2002-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated SOURCE.	2002-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Improved DEFINITION: added first two sentences; added reference to SOURCE; made explicit the requirement to follow current instructions.	2002-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added NOTE that score is to reflect poorest functioning during the assessment time period.	2002-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about admission score for 8b and 9b regarding use of 3-day rather than 7-day assessment period.	2002-07-01
01	VERSION OF FORM I BEING ENTERED	Variable added to database	2002-04-01
101a	DATES (AND TIMES)	Removed typo from first 1/1/02 note.	2002-04-01
101a	DATES (AND TIMES)	Removed second 1/1/02 note (regarding family consent).	2002-04-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added "not competitively employed" to code "88=NA".	2002-04-01
111d	JOB STABILITY: WEEKS EMPLOYED	Added "not competitively employed" to code "88".	2002-04-01
111i	ANNUAL EARNINGS	Added "not competitively employed" to code 88.	2002-04-01
133b	ICD-9-CM EXTERNAL CAUSE OF INJURY CODE	Added coding instructions in NOTES.	2002-04-01
146	CAUSE(S) OF DEATH	Added reference to instructions for E-codes in Appendix K.	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Modified DEFINITION to refer to Center's instruction manual rather than Appendix.	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Corrected code 4 "Minimal Assist" -- ">75%" rather than ">75%".	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added code "0=Activity does not occur" and NOTE about code "0".	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added "66=Variable not available [data did not exist].	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added to CODE 5 that "(pt does 100%)".	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Replaced in CODE 9 "doesn't perform task" with "or, for all items at discharge and for items 8, 8a, 8b,9,9a, 9b, and 17-27 at admission, if the activity does not occur."	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added function modifier items "a=Level of assistance" and "b=Frequency of accidents" for #8 and 9, CODES for #8b and #9b, NOTE explaining scoring of #8 and 9, and EXAMPLES.	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added NOTE about "assessment time period".	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about how to score #8b if patient does not urinate.	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about coding 14 (mode of locomotion) if patient both walks and uses wheelchair.	2002-04-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated SOURCE.	2002-04-01

ID	Variable Title	Revision Change	Date of Revision
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added NOTE for #8 and 9 to obtain patient's function during last few days prior to discharge from acute hospital (4, 5, 6, or 7 days, depending on number of days after discharge the evaluation is done).	2002-04-01
192a2	PREMORBID ALCOHOL USE	In CODES, corrected autofills so will occur when #1 = 1, 5, 7, 8, or 9. Revised format of autofill information.	2002-04-01
176	CHARGES	Revised the note regarding nonhomogeneity of data.	2002-01-10
101a	DATES (AND TIMES)	Added NOTE to not assume that date of acute discharge is the same as admission to inpatient rehab.	2002-01-01
101a	DATES (AND TIMES)	Added NOTE about consent from family if patient dies before consent.	2002-01-01
102	SHORT TERM REHABILITATION INTERRUPTION	Added NOTE about coding time spent in an alternative care facility following discharge from System acute hospital.	2002-01-01
109a	ZIP CODE	Added code "0=Variable did not exist" (code was already on Form I).	2002-01-01
110b	GED	Added code 3=N/A.	2002-01-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Clarified instruction to code this variable if "05=competitive employment" is coded for either the primary or secondary status of V111a.	2002-01-01
111i	ANNUAL EARNINGS	Added NOTE that this is pretax earnings.	2002-01-01
112	CENSUS OCCUPATIONAL CATEGORY	Added NOTE to code this variable if V111a is 05 or 08 in either primary or secondary occupation.	2002-01-01
144a	DATE EMERGED FROM PTA	Added to DEFINITION the Revised GOAT, Orientation-Log, and modified GOAT.	2002-01-01
144a	DATE EMERGED FROM PTA	SOURCES section added, with references for Revised GOAT and Orientation-Log.	2002-01-01
144b	METHOD OF PTA DETERMINATION	Added GOAT-R and O-Log to DEFINITION.	2002-01-01
110b	GED	Definition corrected to read "at time of [u]injury"[/u] (rather than [u]follow-up[/u])	2001-11-01
144a	DATE EMERGED FROM PTA	Clarified DEFINITION and instruction in NOTES that date of emergence from PTA is the date of the first of 2 [u]consecutive[/u] scores greater than 75.	2001-10-01
144b	METHOD OF PTA DETERMINATION	Added codes "3=GOAT-R" and "4=O-log".	2001-10-01
192a1	PREMORBID DRUG USE	Added note about getting data from medical chart, if not available from ptn or SO.	2001-10-01
104	SEX	Added note about transexual.	2001-08-20
105	RACE	Added note about determining race.	2001-08-20
109	RESIDENCE	Added "Involuntary inpatient drug treatment program" to "Hospital-Other" category.	2001-08-20
109a	ZIP CODE	Purpose added.	2001-08-20
109a	ZIP CODE	NOTE added about estimating zip code if homeless.	2001-08-20
109a	ZIP CODE	NOTE added about first place resides.	2001-08-20
110a	YEARS OF EDUCATION	NOTE added about recording the higher number, if person is uncertain.	2001-08-20
110b	GED	Variable V110b added to database as "GED".	2001-08-20
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added CODE "66=Variable did not exist".	2001-08-20

ID	Variable Title	Revision Change	Date of Revision
111d	JOB STABILITY: WEEKS EMPLOYED	Added "66=Variable did not exist".	2001-08-20
111i	ANNUAL EARNINGS	Added CODE "66=Variable did not exist".	2001-08-20
144b	METHOD OF PTA DETERMINATION	Removed code "0=Var didn't exist" from Form I.	2001-08-20
144b	METHOD OF PTA DETERMINATION	Added code "0=Variable did not exist".	2001-08-20
176	CHARGES	Added note regarding nonhomogeneity of data.	2001-08-20
109	RESIDENCE	Zip Code question becomes a separate variable (V109a).	2001-07-01
109a	ZIP CODE	Zip Code becomes a separate variable.	2001-07-01
110a	YEARS OF EDUCATION	Added note that actual years of education may not equal the actual number of years in school.	2001-07-01
110a	YEARS OF EDUCATION	Added instruction to not count GED, trade school, or other types of education not listed in the syllabus toward years of education.	2001-07-01
110b	GED	V110b renamed in database as "V110a".	2001-07-01
111a	EMPLOYMENT STATUS	Replaced "at the time of injury" with "in the month prior to injury".	2001-07-01
111a	EMPLOYMENT STATUS	For code 7, replaced "Homemaker" with "Taking care of house or family".	2001-07-01
111a	EMPLOYMENT STATUS	For code 10, added "(looking for work in the last 4 weeks)".	2001-07-01
111a	EMPLOYMENT STATUS	Added code 12=Retired (disability).	2001-07-01
111a	EMPLOYMENT STATUS	Added code 13=Unemployed (not looking for work in the last 4 weeks).	2001-07-01
111a	EMPLOYMENT STATUS	Added code 15=Retired (other).	2001-07-01
111a	EMPLOYMENT STATUS	Removed [i]source of income support for disability[/i] as a criterion for classification.	2001-07-01
111a	EMPLOYMENT STATUS	Revised the prioritization list as follows: "taking care of house or family" replaces "home management (homemaker)", "job-directed/on-the-job training" reverses position with "supported employment", "volunteer work" replaces "volunteer activity", "retirement (age-related), retirement (disability-related)" replaces "active leisure/retirement, disability-related retirement".	2001-07-01
111a	EMPLOYMENT STATUS	Added NOTE that for the code "09=Retired (age)", accept the respondent's statement as to whether age was the cause of retirement.	2001-07-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	In DEFINITION, added "usually worked at all" prior to "paid competitive".	2001-07-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	In DEFINITION, replaced "employment" with "jobs".	2001-07-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	In DEFINITION, replaced "at time of injury" with "in the month prior to injury".	2001-07-01
111d	JOB STABILITY: WEEKS EMPLOYED	Variable added to database.	2001-07-01
111i	ANNUAL EARNINGS	Variable added to database.	2001-07-01
112	CENSUS OCCUPATIONAL CATEGORY	In DEFINITION, substituted "in the month prior to injury" for "at the time of injury".	2001-07-01
109	RESIDENCE	Zip Code collected.	2001-01-01
109a	ZIP CODE	Zip Code added as part of V109.	2001-01-01

ID	Variable Title	Revision Change	Date of Revision
110a	YEARS OF EDUCATION	Variable added to database (replaced V110:HIGHEST GRADE OF SCHOOL COMPLETED).	2001-01-01
110b	GED	V110b added to database as "Years of education".	2001-01-01
144b	METHOD OF PTA DETERMINATION	New variable added to TBIMS V4.5 (7/1/2000).	2001-01-01
144b	METHOD OF PTA DETERMINATION	N/A code added to TBIMS V5.0.	2001-01-01
192a2	PREMORBID ALCOHOL USE	Added/revised coding instructions.	2001-01-01
144a	DATE EMERGED FROM PTA	Added PTA determination based on Chart Review (see 144b on following page).	2000-07-01
111a	EMPLOYMENT STATUS	Added use of job coach to code 8.	1999-10-01
111a	EMPLOYMENT STATUS	Added list to prioritize employment status if more than one.	1999-10-01
130a	DATE ABLE TO FOLLOW COMMANDS	Added NOTE regarding if patient is able to follow commands, declines, then can again follow commands at a later date.	1999-10-01
130a	DATE ABLE TO FOLLOW COMMANDS	Added NOTE regarding if two assessments of following commands falls across two dates.	1999-10-01
135	INTRACRANIAL CT DIAGNOSIS	Collapsed coding for fragments.	1999-10-01
137	ICD-9-CM Diagnosis codes for brain injury.	Added NOTE regarding if no brain injury-related codes.	1999-10-01
139	GLASGOW COMA SCALE	Corrected reference from "for EMS contact" to "first EMS contact".	1999-10-01
139	GLASGOW COMA SCALE	Further clarified note which stated for highest and lowest score can use model system EMS and ED GCS.	1999-10-01
140	REVISED TRAUMA SCORE	Clarified note regarding values reported in ranges.	1999-10-01
144a	DATE EMERGED FROM PTA	Added NOTE to clarify which date to use.	1999-10-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Revised note and unknown code used if patient does not perform activity.	1999-10-01
176	CHARGES	Added note regarding charge data for intermittent acute hospitalizations.	1999-10-01
176	CHARGES	Dropped not applicable code.	1999-10-01
178	PAYOR SOURCE	Added note on how variable should be collected.	1999-10-01
192a2	PREMORBID ALCOHOL USE	Dropped QFVI, replaced with alcohol questions from NHSDA and BRFSS module 13.	1999-10-01
139	GLASGOW COMA SCALE	Revised definition for highest and lowest scores to be within 24 hours following first EMS contact.	1999-07-01
148h	CRANIAL COMPLICATIONS - Intracranial Hypertension	Revised codes to clarify coding of fluctuating ICP.	1999-07-01
148h	CRANIAL COMPLICATIONS - Intracranial Hypertension	Added note regarding conversion from cmH2O to mmHg.	1999-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	FAM items deleted.	1999-07-01
178	PAYOR SOURCE	Corrected description for code 18.	1999-04-27
102	SHORT TERM REHABILITATION INTERRUPTION	Added note regarding coding more than two interruptions.	1999-04-20
140	REVISED TRAUMA SCORE	Added mechanical ventilation to 888 code for respiration.	1999-04-20
140	REVISED TRAUMA SCORE	Added NOTE regarding values reported in ranges.	1999-04-20
148h	CRANIAL COMPLICATIONS - Intracranial Hypertension	Added NOTE to clarify coding.	1999-04-20

ID	Variable Title	Revision Change	Date of Revision
102	SHORT TERM REHABILITATION INTERRUPTION	Revised unknown codes to be compatible with new software.	1999-04-02
103	PATIENT BIRTHDATE	Revised unknown codes to be compatible with new software.	1999-04-02
111a	EMPLOYMENT STATUS	Added clarification for some codes.	1999-04-02
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added NOTE regarding hours for more than one job.	1999-04-02
130a	DATE ABLE TO FOLLOW COMMANDS	Revised "unknown" codes to be compatible with new software.	1999-04-02
144a	DATE EMERGED FROM PTA	Revised unknown codes to be compatible with new software.	1999-04-02
178	PAYOR SOURCE	Added codes to differentiate between traditional and managed care administered Medicare and Medicaid, added note regarding recoding of old data.	1999-04-02
101a	DATES (AND TIMES)	Revised unknown date codes to be compatible with the new software.	1999-04-01
133a	CAUSE OF INJURY	Added NOTE on how to code person jumping from moving vehicle.	1999-04-01
133b	ICD-9-CM EXTERNAL CAUSE OF INJURY CODE	Added NOTE on how to code person jumping from moving vehicle.	1999-04-01
134	ETOH BLOOD LEVEL AT INJURY	Added NOTE regarding use of first available ED BAL data.	1999-04-01
135	INTRACRANIAL CT DIAGNOSIS	Substituted "non-hemorrhagic" for "bland" for description of contusion.	1999-04-01
135	INTRACRANIAL CT DIAGNOSIS	Added NOTE regarding not using MRI data.	1999-04-01
139	GLASGOW COMA SCALE	Added clarification that GCS at ED is Model System ED.	1999-04-01
139	GLASGOW COMA SCALE	Added NOTE regarding determining highest and lowest GCS scores when patient is chemically paralyzed and/or intubated.	1999-04-01
140	REVISED TRAUMA SCORE	Added clarification that ED refers to Model System ED.	1999-04-01
176	CHARGES	Added note regarding including direct billed psychology charges in rehab. hospital charge total.	1999-04-01
100	SYSTEM/SUBJECT ID	Corrected name for center 17.	1999-01-01
137	ICD-9-CM Diagnosis codes for brain injury.	Added coding clarification and three additional coding fields.	1999-01-01
139	GLASGOW COMA SCALE	Added NOTE regarding chemical paralysis.	1999-01-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added NOTE regarding coding hours greater than 98.	1998-09-01
134	ETOH BLOOD LEVEL AT INJURY	Clarified measurement as "milligrams" not "micrograms".	1998-09-01
135	INTRACRANIAL CT DIAGNOSIS	Corrected NOTE regarding coding no fragments.	1998-09-01
144a	DATE EMERGED FROM PTA	Revised definition of PTA.	1998-09-01
151	DISABILITY RATING SCALE	Added NOTE regarding .5 ratings.	1998-09-01
192a1	PREMORBID DRUG USE	Added note regarding contradictory information from patient.	1998-09-01
100	SYSTEM/SUBJECT ID	Added codes for 11 new centers.	1998-08-15
101a	DATES (AND TIMES)	Year expanded to four digits.	1998-08-15
102	SHORT TERM REHABILITATION INTERRUPTION	Year expanded to four digits.	1998-08-15
130a	DATE ABLE TO FOLLOW COMMANDS	Year expanded to four digits.	1998-08-15

ID	Variable Title	Revision Change	Date of Revision
144a	DATE EMERGED FROM PTA	Year expanded to four digits.	1998-08-15
140	REVISED TRAUMA SCORE	Corrected description for code 888.	1998-04-15
140	REVISED TRAUMA SCORE	Removed "bagged" from description for V140c.	1998-04-15
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note how to code optional FAM items not collected.	1998-04-15
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note that 12 FAM items are now optional for collection. FIM items must be collected.	1998-04-01
100	SYSTEM/SUBJECT ID	Added new codes for OSU and MOSS.	1997-10-01
135	INTRACRANIAL CT DIAGNOSIS	Added CODE 0 for variable not in existence; added NOTE on how to code those cases.	1997-01-01
178	PAYOR SOURCE	Added note about Medicaid pending cases.	1997-01-01
192a1	PREMORBID DRUG USE	Variable added to database.	1997-01-01
192a2	PREMORBID ALCOHOL USE	Variable added to Form I database.	1997-01-01
192h	PREMORBID HISTORY OF PENAL INCARCERATIONS WITH CONVICTION FOR FELONY	Variable added to database.	1997-01-01
192i	PREMORBID HISTORY OF LEARNING AND/OR BEHAVIOR PROBLEMS IN SCHOOL	Variable added to database.	1997-01-01
102	SHORT TERM REHABILITATION INTERRUPTION	Removed interruption status code from example which was previously dropped from variable.	1996-11-01
135	INTRACRANIAL CT DIAGNOSIS	Dropped laterality for punctate, subarachnoid and intraventricular hemorrhages; dropped location for noncortical contusions. Retrospective coding to be done for all cases with system admissions as of 1/1/94. Use code 0 for all cases prior to that date if data was not collected.	1996-05-15
109	RESIDENCE	Added halfway house to code 4=correctional institution.	1996-04-01
133a	CAUSE OF INJURY	Variable added back into database. Retrospective data collection done.	1996-04-01
139	GLASGOW COMA SCALE	Changed codes for patient intubated from "T" and "TT" to "8" and "88".	1996-04-01
101a	DATES (AND TIMES)	Added codes for unknown time less than 8 hours or less than 24 hours to correspond to new inclusion criteria.	1995-07-01
101a	DATES (AND TIMES)	Clarified code 99:99. Now refers only to unknown time of ED admit.	1995-07-01
108	PRIMARY PERSON LIVING WITH	Dropped 2nd and 3rd persons living with, revised code 88 to correspond.	1995-07-01
109	RESIDENCE	Moved dorm thru farmworkers camp from code 3 to code 1.	1995-07-01
109	RESIDENCE	Moved skilled nursing facility from code 2 to code 10.	1995-07-01
109	RESIDENCE	Moved all code 11 to code 3.	1995-07-01
109	RESIDENCE	Added new code 10=subacute.	1995-07-01
111a	EMPLOYMENT STATUS	Dropped reference to variable 112 to make coding consistent between all employment-related variables.	1995-07-01
111b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added note clarifying when to code variable in relationship to variable V111a.	1995-07-01

ID	Variable Title	Revision Change	Date of Revision
112	CENSUS OCCUPATIONAL CATEGORY	Added NOTE clarifying when to code variable in relationship to variable V111a.	1995-07-01
139	GLASGOW COMA SCALE	Highest/lowest now collected within 24 hours of injury; this includes EMS and initial ED score.	1995-07-01
139	GLASGOW COMA SCALE	Added CODE 7 for individual items and 77 for total = "chemically induced coma or paralysis".	1995-07-01
139	GLASGOW COMA SCALE	Added CODES T=intubated for verbal item and TT=intubated for total.	1995-07-01
139	GLASGOW COMA SCALE	Dropped eye swelling and intubation items.	1995-07-01
144a	DATE EMERGED FROM PTA	Added NOTE regarding calculation of duration of PTA.	1995-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added code 8=not applicable, walking and not using wheelchair for item #14b (wheelchair admission) only.	1995-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Clarified how to code person not walking at admission.	1995-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Dropped mode of locomotion code "b" at discharge.	1995-07-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added unknown code for mode items 14, 17, and 18.	1995-03-24
105	RACE	Corrected reference to Appendix F (not E) did not change page date.	1995-01-01
133a	CAUSE OF INJURY	Variable dropped.	1995-01-01
139	GLASGOW COMA SCALE	Dropped 88 and 8=Not applicable codes.	1995-01-01
140	REVISED TRAUMA SCORE	Dropped "respiratory [u]effort/[u]" and "capillary refill".	1995-01-01
146	CAUSE(S) OF DEATH	Dropped 3rd ICD-9 code and 2nd and 3rd E-codes.	1995-01-01
151	DISABILITY RATING SCALE	Dropped total score.	1995-01-01
151	DISABILITY RATING SCALE	Added note and reference to Appendix J.	1995-01-01
176	CHARGES	Dropped Alternate Level of Care charges.	1995-01-01
178	PAYOR SOURCE	Dropped Alternate Level of Care payor source.	1995-01-01
101a	DATES (AND TIMES)	Deleted these date variables: "admitted to acute care", "first acute rehab services", "admitted to/discharged from an alternate level of care".	1994-09-13
101a	DATES (AND TIMES)	Added notes for clarification of ALC (alternative level of care).	1994-09-13
102	SHORT TERM REHABILITATION INTERRUPTION	Dropped interruption status and the 3rd and 4th interruption dates.	1994-09-13
104	SEX	Dropped code 7 = other.	1994-09-13
105	RACE	Added code for Hispanic; added reference to Appendix E for coding.	1994-09-13
107	MARITAL STATUS	Dropped code 6 = cohabitation.	1994-09-13
108	PRIMARY PERSON LIVING WITH	Dropped "living with at time of acute discharge".	1994-09-13
109	RESIDENCE	Dropped "residence at time of acute discharge".	1994-09-13
109	RESIDENCE	Added "adult foster care" to code 3.	1994-09-13
111a	EMPLOYMENT STATUS	Dropped "3rd employment status".	1994-09-13

ID	Variable Title	Revision Change	Date of Revision
112	CENSUS OCCUPATIONAL CATEGORY	Converted to using the 1990 Census codes and only coding major category of occupation instead of specific classification.	1994-09-13
130a	DATE ABLE TO FOLLOW COMMANDS	Dropped reference as this variable being a precondition to collect the physical exam data.	1994-09-13
135	INTRACRANIAL CT DIAGNOSIS	Revised entire coding scheme.	1994-09-13
144a	DATE EMERGED FROM PTA	Added reference regarding use of modified GOAT.	1994-09-13
151	DISABILITY RATING SCALE	Revised items 4-8 to a .5 scale.	1994-09-13
151	DISABILITY RATING SCALE	Dropped all "not applicable" codes.	1994-09-13
151	DISABILITY RATING SCALE	Dropped dates of assessment.	1994-09-13
151	DISABILITY RATING SCALE	Added NOTE about intermittent stays.	1994-09-13
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added unknown code.	1994-09-13
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added notes for coding clarification.	1994-09-13
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added admission score for walking and wheelchair.	1994-09-13
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Deleted dates of assessment.	1994-09-13
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated source to include FIM Version 4.0 and descriptors for #16, 23, and 25.	1994-09-13
101a	DATES (AND TIMES)	Added note to clarify what the Date of First Acute Care Rehab Services refers to.	1994-02-01
102	SHORT TERM REHABILITATION INTERRUPTION	Added clarification that this variable refers to rehab phase only and how to code a system readmission after 30 days.	1994-02-01
102	SHORT TERM REHABILITATION INTERRUPTION	All references to "transfer" changed to "interruption".	1994-02-01
108	PRIMARY PERSON LIVING WITH	Deleted reference to Level I data collection.	1994-02-01
109	RESIDENCE	Deleted references to Level I data collection.	1994-02-01
112	CENSUS OCCUPATIONAL CATEGORY	Added "1990" to clarify which codes are being used.	1994-02-01
112	CENSUS OCCUPATIONAL CATEGORY	Added NOTE to refer to Appendix D for codes.	1994-02-01
121	HISTORY OF TBI	DEFINITION clarified to match model system case definition.	1994-02-01
139	GLASGOW COMA SCALE	Added NOTES to clarify which GCS scores to use.	1994-02-01
139	GLASGOW COMA SCALE	Changed example to match definitions and be clearer.	1994-02-01
146	CAUSE(S) OF DEATH	Added NOTE clarifying the submission of patients which expire during inpatient rehabilitation.	1994-02-01
146	CAUSE(S) OF DEATH	Removed reference to Appendix D (coding cause of death) which was never written.	1994-02-01
148h	CRANIAL COMPLICATIONS - Intracranial Hypertension	Clarified code 2: means less than or equal to 24 hours duration.	1994-02-01

ID	Variable Title	Revision Change	Date of Revision
151	DISABILITY RATING SCALE	Removed references to Level I and Acute Discharge rating.	1994-02-01
151	DISABILITY RATING SCALE	Added CODES for unknown.	1994-02-01
151	DISABILITY RATING SCALE	Added NOTES for coding clarification.	1994-02-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added codes for unknown.	1994-02-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Deleted not applicable date code since Level I data collection has been discontinued.	1994-02-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added notes for coding data collected out of 72 hour window.	1994-02-01
152	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated source to include FIM Version 4.0.	1994-02-01
112	CENSUS OCCUPATIONAL CATEGORY	Removed NOTE referring to a new census code for homemaker.	1994-01-01

**Traumatic Brain Injury Model System
National Database Live Syllabus**

History of Form II Variables

History of Form II Variables

ID	Variable Title	Revision Change	Date of Revision
209	RESIDENCE	Added "Inpatient drug rehabilitation" as a type of code "09=Hospital-other".	2004-10-01
209	RESIDENCE	Deleted "shelter" as a category of "01=Private". Added "shelter for the homeless" to code "06=Homeless".	2004-10-01
292a2	ALCOHOL USE	Added NOTE that data entry screens are programmed so pull-down menu items 7 and 9 (switched starting with V9.5) now adjust for forms 9.4 and earlier and for form 9.5 and later. Data from all forms can now be entered AS IS. (This change was made in the database last quarter (9.6) but too late to add to syllabus page.)	2004-10-01
02	VERSION OF FORM II BEING ENTERED	Variable ID number changed from 001 to 02.	2004-07-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	In CODES, corrected the labels for 888.88 (ICD-9) and 888.8 (E-code). For 888.88, "NA-Person alive, or no other cause of death indicated" has been changed to "NA-Person alive, or no other internal cause of death indicated, or death due to external causes". For 888.8, "NA-Person alive, or no other cause of death indicated" has been changed to "NA-Person alive, or death not due to external causes".	2004-07-01
200	SYSTEM/SUBJECT/FOLLOW-UP ID	Removed "annual" from descriptions of follow-up evaluations.	2004-07-01
207	MARITAL STATUS	In DEFINITION, added instruction to obtain from the "best source". (This instruction was not added on 8/20/2001 as was stated).	2004-07-01
207	MARITAL STATUS	Removed "annual" from references to follow-up evaluation.	2004-07-01
208	PRIMARY PERSON LIVING WITH	In DEFINITION, added instruction to obtain from the "best source". (This instruction was not added on 8/20/2001 as stated).	2004-07-01
208	PRIMARY PERSON LIVING WITH	Remove references to "annual" evaluation.	2004-07-01
209	RESIDENCE	Added instruction in DEFINITION to obtain from the "best source". (This instruction was not added on 8/20/2001 as stated).	2004-07-01
209a	ZIP CODE	Added instruction in DEFINITION to obtain from the "best source". (This instruction was not added on 8/20/2001 as stated).	2004-07-01
211a	EMPLOYMENT STATUS	In CODES, corrected the labels for codes 10, 13, 14: Replaced "4 weeks prior to injury" with "last 4 weeks".	2004-07-01
211a	EMPLOYMENT STATUS	Added CODE 66=Variable did not exist at time of data collection. (This code has been used in the database for some time.)	2004-07-01
211a	EMPLOYMENT STATUS	Removed "annual" from references to follow-up evaluation.	2004-07-01
211a	EMPLOYMENT STATUS	In Variable History for 1/1/04 regarding "DATABASE" box, corrected a typo so prior text "...added that variable added..." has been changed to "...added that new variable added..."	2004-07-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Deleted references to primary and secondary employment status.	2004-07-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Deleted references to "annual" evaluation.	2004-07-01
211d	JOB STABILITY: WEEKS EMPLOYED	In DEFINITION and CODES, changed time period from "since the last evaluation" to "in the last year"	2004-07-01

ID	Variable Title	Revision Change	Date of Revision
211d	JOB STABILITY: WEEKS EMPLOYED	Removed reference to "annual" evaluation.	2004-07-01
251	DISABILITY RATING SCALE	To TRAINING, added instructions regarding certification that are found in "22f.Data Quality Guidelines".	2004-07-01
251	DISABILITY RATING SCALE	In setting up the Live Syllabus, instructions for collection of Form I data had been copied into the DEFINITION. Corrected these instructions.	2004-07-01
251	DISABILITY RATING SCALE	Removed references to "annual" evaluation.	2004-07-01
251	DISABILITY RATING SCALE	In CODES, added back in the codes for "Not due this year", followed by statement that the codes are no longer used.	2004-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	In TRAINING, added instructions regarding certification that are found in "22f.Data Quality Guidelines".	2004-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	In CODES, added back in the code for "Not due this year", plus a statement that the code is no longer used.	2004-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	In DEFINITION fixed the link to the current (4/1/2004) IRF-PAI manual and added a description of where to look in the manual for FIM-related information.	2004-07-01
292a1	DRUG USE	In CODES, added back in code for "Not due this year", plus a statement that the code is no longer used.	2004-07-01
292a1	DRUG USE	Removed references to "annual" follow-up.	2004-07-01
292a2	ALCOHOL USE	Corrected EXAMPLE so 2a is "66".	2004-07-01
292a2	ALCOHOL USE	In CODES, added back in the code for "Not due this year" plus statement that this code is no longer used.	2004-07-01
292b	MOTORIZED TRANSPORTATION	In CODES, added back in the code for "Not due this year" plus a statement that this code is no longer used.	2004-07-01
292c	INCOME AND SOURCE	In DEFINITION, removed reference to amount of income from supplemental sources.	2004-07-01
292c	INCOME AND SOURCE	In CODES, added back the codes for "Not due this year" plus a statement that the codes are no longer used.	2004-07-01
292e	ARRESTS	In CODES, added back in the code for "Not due this year" plus a statement that this code is no longer used.	2004-07-01
292f	PSYCHIATRIC PROBLEMS	In CODES, added back in the code for "Not due this year" plus a statement that this code is no longer used.	2004-07-01
292g	SATISFACTION WITH LIFE SCALE (SWLS) - FOR PERSON WITH BRAIN INJURY	In CODES, added back in the code for "Not due this year" plus a statement that this code is no longer used.	2004-07-01
292g	SATISFACTION WITH LIFE SCALE (SWLS) - FOR PERSON WITH BRAIN INJURY	Removed reference to "annual" evaluation.	2004-07-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Clarified instructions in CODE for double-checking the accuracy of the total score.	2004-07-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added NOTE to use the procedure in CODE to check the accuracy of the total score.	2004-07-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Removed instruction to enter only the overall score into the database.	2004-07-01
297	SUPERVISION RATING SCALE (SRS)	Removed reference to "annual" evaluation.	2004-07-01
02	VERSION OF FORM II BEING ENTERED	Added note about editing/entering old data	2004-04-01

ID	Variable Title	Revision Change	Date of Revision
02	VERSION OF FORM II BEING ENTERED	Changed description of number of CHARACTERS to "2 (not including decimal)"	2004-04-01
02	VERSION OF FORM II BEING ENTERED	Removed instructions about editing/entering old data.	2004-04-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Added link to comprehensive list of E-Codes.	2004-04-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Revised the format of the CODES box.	2004-04-01
20Ab	METHOD OF INTERVIEW DATA COLLECTION - PERSON WITH BRAIN INJURY	Added NOTE about code 7 not being in Form II.	2004-04-01
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	Added NOTE about code 7 not being in Form II.	2004-04-01
20Ad	REASON PERSON WITH BRAIN INJURY NOT PROVIDING DATA	Variable added back into database.	2004-04-01
20Ad	REASON PERSON WITH BRAIN INJURY NOT PROVIDING DATA	Added NOTE that Code 77 is not shown on Form II because it is a special purpose code and should not be used in normal data collection/submission.	2004-04-01
201	DATE OF FOLLOW-UP	Corrected label for code 05/05/5555. Changed "permission" to "authorization".	2004-04-01
201	DATE OF FOLLOW-UP	In CODES, removed statement that TBINDC will recode the old code 08/08/8888 as the new code 07/07/7777.	2004-04-01
207	MARITAL STATUS	Removed statement that TBINDC has recoded 08/08/8888 as 07/07/7777.	2004-04-01
207	MARITAL STATUS	Label for code 05/05/5555 changed from "permission" to "authorization".	2004-04-01
209	RESIDENCE	In CODES, added note about availability of incarceration online databases in Appendix L.	2004-04-01
210a	YEARS OF EDUCATION	Added "successfully" prior to "completed" in DEFINITION.	2004-04-01
210a	YEARS OF EDUCATION	Added EXAMPLE of being held back in elementary school.	2004-04-01
210a	YEARS OF EDUCATION	Updated SOURCE.	2004-04-01
211a	EMPLOYMENT STATUS	Added information to CHARACTERISTICS OF DATA about the employment calculated variable, which merges current data with data collected before the response categories were expanded.	2004-04-01
211a	EMPLOYMENT STATUS	Moved prioritization list from NOTES to DEFINITION.	2004-04-01
211a	EMPLOYMENT STATUS	Renamed "DATABASE" box as "CHARACTERISTICS OF DATA".	2004-04-01
211c	DATE OF FIRST COMPETITIVE EMPLOYMENT	Removed reference to "annual" evaluation.	2004-04-01
211i	ANNUAL EARNINGS	Removed reference to "annual" evaluation.	2004-04-01
212	CENSUS OCCUPATIONAL CATEGORY	Added link to website with occupation codes information.	2004-04-01
212	CENSUS OCCUPATIONAL CATEGORY	Added instructions for using the occupations classification document and an link to the instructions.	2004-04-01
212	CENSUS OCCUPATIONAL CATEGORY	In DEFINITION and EXAMPLE, removed "annual".	2004-04-01

ID	Variable Title	Revision Change	Date of Revision
248f	MEDICAL MORBIDITY: CRANIAL - Seizures	Change categories on DCF to 1=no, 2=yes, 9=unknown	2004-04-01
248f	MEDICAL MORBIDITY: CRANIAL - Seizures	In CODES, replaced "annual" with "follow-up".	2004-04-01
251	DISABILITY RATING SCALE	Added link from source article to PubMed.	2004-04-01
251	DISABILITY RATING SCALE	Added links to COMBI.	2004-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated link to IRF-PAI manual (4/1/04 version).	2004-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added links to COMBI.	2004-04-01
273	REHOSPITALIZATION	Added to DEFINITION to ask for the last year (not since last evaluation).	2004-04-01
273	REHOSPITALIZATION	Added three more opportunities to enter types of rehospitalizations (for a total of 5).	2004-04-01
273	REHOSPITALIZATION	Improved wording of NOTE about "unknown" codes.	2004-04-01
292a1	DRUG USE	Added NOTE regarding the report in COMBI that uses TBIMS data on substance use.	2004-04-01
292a2	ALCOHOL USE	Added "Unknown" to code "Don't know/Not sure"	2004-04-01
292a2	ALCOHOL USE	Reversed the codes for "Refused" (was 9, now 7) and "Unknown/Don't know/Not sure" (was 7, now 9)	2004-04-01
292a2	ALCOHOL USE	Added a NOTE that a report on alcohol use based on TBIMS data is on COMBI.	2004-04-01
292c	INCOME AND SOURCE	Added CODES for (2a).	2004-04-01
292c	INCOME AND SOURCE	Corrected number of characters (was 10 iems, 1 character each).	2004-04-01
292c	INCOME AND SOURCE	Corrected example so item (1) has two characters (rather than one).	2004-04-01
292c	INCOME AND SOURCE	Replaced reference to "annual evaluation" with "follow-up evaluation".	2004-04-01
292e	ARRESTS	Removed deleted items from CHARACTERS box.	2004-04-01
292e	ARRESTS	Improved wording in NOTE about coding if person arrested for pre-injury crime. Does not affect data already collected. (Previously stated: "If person is arrested post-injury for a crime allegedly committed pre-injury, record the arrest as occurring pre-injury.")	2004-04-01
292g	SATISFACTION WITH LIFE SCALE (SWLS) - FOR PERSON WITH BRAIN INJURY	Added links to COMBI.	2004-04-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added database procedure that double-checks data collector's coding of overall rating score	2004-04-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added instructions in NOTES for double-check procedure.	2004-04-01
296	GLASGOW OUTCOME SCALE - EXTENDED	In syllabus, added "unknown" codes for 5b, 6b, 7b.	2004-04-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added link from source publication to PubMed.	2004-04-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added links to COMBI.	2004-04-01
297	SUPERVISION RATING SCALE (SRS)	Added link to PubMed.	2004-04-01
297	SUPERVISION RATING SCALE (SRS)	Added links to COMBI.	2004-04-01

ID	Variable Title	Revision Change	Date of Revision
292c	INCOME AND SOURCE	Added to code label for code 55: "data exist in calculated variable "inc"".	2004-01-12
20Ab	METHOD OF INTERVIEW DATA COLLECTION - PERSON WITH BRAIN INJURY	Added code 7.	2004-01-01
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	Added code "7=No data to be collected at this time (e.g., no funding)", to be used by Center that was not funded for a period of time.	2004-01-01
20Ad	REASON PERSON WITH BRAIN INJURY NOT PROVIDING DATA	Added code 77 (So VA can add fup cases retroactively.)	2004-01-01
200	SYSTEM/SUBJECT/FOLLOW-UP ID	In DEFINITION corrected number of digits--changed from 11 to 9.	2004-01-01
210b	GED	Added note that coding is contingent on subject's high school/college education.	2004-01-01
211a	EMPLOYMENT STATUS	Added DATABASE box. Added that the new variable was added and the old variable was kept in the database.	2004-01-01
211a	EMPLOYMENT STATUS	Added note to code education as full-time or part-time based on self-report.	2004-01-01
211i	ANNUAL EARNINGS	Added note to include tips.	2004-01-01
211i	ANNUAL EARNINGS	Added note explaining why to include only participants who are competitively employed.	2004-01-01
212	CENSUS OCCUPATIONAL CATEGORY	Deleted note referring to primary and secondary employment status (secondary employment was no longer as of 1/1/03).	2004-01-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about scoring Comprehension when person wears eyeglasses.	2004-01-01
273	REHOSPITALIZATION	Added code 99.	2004-01-01
273	REHOSPITALIZATION	Added note that prior to 1/1/02 the code "9=unknown" did not distinguish between "unknown if rehospitalized" and "unknown reason for rehospitalization" (etc)..	2004-01-01
273	REHOSPITALIZATION	Changed field width from 1 to 2.	2004-01-01
292a2	ALCOHOL USE	Added coding instruction for item 2 that 66 should be scored for the item not answered.	2004-01-01
292a2	ALCOHOL USE	Added note to code the higher score if a range is given.	2004-01-01
292a2	ALCOHOL USE	Added note to probe for size of drink and adjust scoring according to answer received.	2004-01-01
20Ab	METHOD OF INTERVIEW DATA COLLECTION - PERSON WITH BRAIN INJURY	Corrected example (added code).	2003-10-01
20Ab	METHOD OF INTERVIEW DATA COLLECTION - PERSON WITH BRAIN INJURY	In note, removed reference to (deleted) neuropsych battery and physical exam.	2003-10-01
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	Reinstated variable in database (otherwise, if SO is only source of information, there is no information about method of interview data collection).	2003-10-01
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	In NOTE, removed reference to CIQ and to significant other-only community integration questions.	2003-10-01

ID	Variable Title	Revision Change	Date of Revision
210b	GED	Corrected example (changed "1" to "3").	2003-10-01
211a	EMPLOYMENT STATUS	Added note to code as employed if hired prior to evaluation but has not yet started work.	2003-10-01
292a2	ALCOHOL USE	Added note that scores for these questions should be based on self-reports and should not be influenced by information available clinically in the Model System.	2003-10-01
292a2	ALCOHOL USE	Added note referring to Appendix G for more information.	2003-10-01
292e	ARRESTS	Changed lookback period from "since the last interview" to "In the past year".	2003-10-01
292f	PSYCHIATRIC PROBLEMS	Replaced "Since the last interview in [month,year]", with "In the past year".	2003-10-01
292g	SATISFACTION WITH LIFE SCALE (SWLS) - FOR PERSON WITH BRAIN INJURY	Added CODE "10=N/A-no data from person w/ TBI"	2003-10-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added answer boxes to individual items. (To assist in data collection; individual item data are not entered into the database.)	2003-10-01
201	DATE OF FOLLOW-UP	For Date of Follow-up, added codes: "05/05/5555=N/A-withdrew authorization", "06/06/6666=N/A-deceased", and "07/07/7777=N/A-other". No longer use "08/08/8888=N/A-no eval" (is still in database).	2003-04-01
201	DATE OF FOLLOW-UP	Added note to use new N/A codes.	2003-04-01
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	Deleted this variable from database.	2003-01-01
20Ad	REASON PERSON WITH BRAIN INJURY NOT PROVIDING DATA	Variable deleted.	2003-01-01
20Ae	IDENTITY OF SIGNIFICANT OTHER	Changed code 88 so "N/A-no SO interviewed" replaces "N/A-no significant other interview".	2003-01-01
200	SYSTEM/SUBJECT/FOLLOW-UP ID	Added codes for 4 new centers.	2003-01-01
200	SYSTEM/SUBJECT/FOLLOW-UP ID	Indicated the 5 defunded centers.	2003-01-01
210a	YEARS OF EDUCATION	Changed code 01 from "1 year" to "1 year or less".	2003-01-01
210a	YEARS OF EDUCATION	Changed code "01 = Var didn't exist at the time this form was filled out" to "66= Var didn't exist at the time this form was filled out".	2003-01-01
211a	EMPLOYMENT STATUS	Deleted Secondary Employment variable; instructions adjusted as needed.	2003-01-01
211a	EMPLOYMENT STATUS	Deleted code "88=No secondary employment status".	2003-01-01
211a	EMPLOYMENT STATUS	Added note to use priority list to determine primary status, regardless of hours worked.	2003-01-01
211d	JOB STABILITY: WEEKS EMPLOYED	Added note about coding infrequent employment.	2003-01-01
248f	MEDICAL MORBIDITY: CRANIAL - Seizures	Added note to collect until 12/31/04 (CA's study needs data until then).	2003-01-01

ID	Variable Title	Revision Change	Date of Revision
251	DISABILITY RATING SCALE	Deleted "less dynamic schedule" instruction (not needed due to less frequent data collection).	2003-01-01
251	DISABILITY RATING SCALE	Deleted code "7=Not due this year".	2003-01-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Deleted "less dynamic schedule" instruction (because FIM is now collected in all years due to reduced schedule).	2003-01-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Deleted codes for "Not due", because data are now being collected in all follow-up years (due to less dynamic follow-up schedule).	2003-01-01
292a1	DRUG USE	Deleted v292a1 1a-f (questions about specific drugs used).	2003-01-01
292a1	DRUG USE	Removed references to this variable as being asked of the person with TBI and added instruction to ask of best source at every annual evaluation.	2003-01-01
292a1	DRUG USE	Deleted code "7=This variable not due this year"	2003-01-01
292a1	DRUG USE	Deleted the question that identified respondent as the person with TBI or significant other.	2003-01-01
292a2	ALCOHOL USE	Removed references to this variable as being asked of the person with TBI.	2003-01-01
292a2	ALCOHOL USE	Deleted codes for "This variable not due this year".	2003-01-01
292a2	ALCOHOL USE	Deleted the question that identifies respondent as the person with TBI or significant other.	2003-01-01
292b	MOTORIZED TRANSPORTATION	Deleted code "7=NA, these questions not due this year" (because the new reduced data collection schedule results in their being due every year).	2003-01-01
292b	MOTORIZED TRANSPORTATION	Deleted the question that identifies respondent as the person with TBI or significant other.	2003-01-01
292c	INCOME AND SOURCE	Deleted v292c2b variables (amount of income from non-employment sources) and made appropriate changes in syllabus.	2003-01-01
292c	INCOME AND SOURCE	Deleted code "66=Not due" (because this variable is always collected in the new, less frequent follow-up schedule).	2003-01-01
292c	INCOME AND SOURCE	Deleted the question that identifies respondent as the person with TBI or significant other.	2003-01-01
292e	ARRESTS	Deleted variables 292e2 (number of arrests) and 292e3 (number of arrests that were for drug-related offenses).	2003-01-01
292e	ARRESTS	Replaced "during the last year" with "Since the last interview in [month, year]".	2003-01-01
292e	ARRESTS	Removed references to this variable being asked of the person with TBI.	2003-01-01
292e	ARRESTS	Deleted code "7=This variable not collected this year".	2003-01-01
292e	ARRESTS	Deleted notes related to number of arrests and number that were drug/alcohol related.	2003-01-01
292e	ARRESTS	Deleted the question identifying respondent as the person with TBI or significant other.	2003-01-01
292f	PSYCHIATRIC PROBLEMS	Replaced "during the last year" with "Since the last interview in [month, year]".	2003-01-01
292f	PSYCHIATRIC PROBLEMS	Deleted code "7=This variable not collected this year".	2003-01-01
292f	PSYCHIATRIC PROBLEMS	Deleted the question identifying respondent as the person with TBI or significant other.	2003-01-01
292g	SATISFACTION WITH LIFE SCALE (SWLS) - FOR PERSON WITH BRAIN INJURY	Deleted code "8=This variable not collected this year".	2003-01-01

ID	Variable Title	Revision Change	Date of Revision
296	GLASGOW OUTCOME SCALE - EXTENDED	Deleted subscore variables.	2003-01-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Changed data entry mask so parts A and B can accept 3-digit codes without decimals.	2002-10-14
292b	MOTORIZED TRANSPORTATION	Added "motorized" to variable label and to definition.	2002-10-14
292b	MOTORIZED TRANSPORTATION	Added code "5 NA-no/negligible motorized transportation".	2002-10-14
296	GLASGOW OUTCOME SCALE - EXTENDED	Now shows the codes for 5b,6b,7b as different than the codes for the other items.	2002-10-14
296	GLASGOW OUTCOME SCALE - EXTENDED	Removed initial question from data collection form that asked if ptn is deceased.	2002-10-14
296	GLASGOW OUTCOME SCALE - EXTENDED	Added note that the two supplemental items are no longer on the data collection form.	2002-10-14
02	VERSION OF FORM II BEING ENTERED	Variable added to syllabus.	2002-07-01
209a	ZIP CODE	Added code "8=NA (lives outside US).	2002-07-01
209a	ZIP CODE	Changed code "99999" to "9" (so is not in valid range).	2002-07-01
211a	EMPLOYMENT STATUS	Added note about minimum wage in foreign country.	2002-07-01
211a	EMPLOYMENT STATUS	Added note about coding if did not work all days in prior month.	2002-07-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added "currently" to code "8=NA".	2002-07-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added instruction to skip this question if the person is not currently competitively employed.	2002-07-01
211c	DATE OF FIRST COMPETITIVE EMPLOYMENT	Changed 08/08/8888 from "not competitively employed" to "no post-injury competitive employment".	2002-07-01
211c	DATE OF FIRST COMPETITIVE EMPLOYMENT	Added note to ask this question even if participant is not currently competitively employed.	2002-07-01
211d	JOB STABILITY: WEEKS EMPLOYED	Added note to ask this question even if person is not currently competitively employed.	2002-07-01
211d	JOB STABILITY: WEEKS EMPLOYED	Changed code 88 to "no competitive employment since last evaluation", from "not competitively employed".	2002-07-01
211i	ANNUAL EARNINGS	Changed code 8 to "not currently competitively employed".	2002-07-01
211i	ANNUAL EARNINGS	Added note to ask this question only if person is currently competitively employed.	2002-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated SOURCE.	2002-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Improved DEFINITION: added first two sentences; added reference to SOURCE; made explicit the requirement to follow current instructions.	2002-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note to record what participant actually does.	2002-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about coding of #8 if participant does not void.	2002-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about assessment time period, including that score is to reflect poorest functioning.	2002-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about coding 8a, 8b, 9a, 9b, including coding of 8b and 9b if information is not available for the full 7-day assessment time period.	2002-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added code "66=Variable did not exist".	2002-07-01

ID	Variable Title	Revision Change	Date of Revision
296	GLASGOW OUTCOME SCALE - EXTENDED	Added "8=N/A-deceased" to item codes.	2002-07-01
02	VERSION OF FORM II BEING ENTERED	Variable added to database.	2002-04-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Added note about instructions for E-codes.	2002-04-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Added reference to Appendix K.	2002-04-01
209a	ZIP CODE	Deleted code "88888=NA (expired in rehab)".	2002-04-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added "not competitively employed" to code "8=NA".	2002-04-01
211d	JOB STABILITY: WEEKS EMPLOYED	Added "not competitively employed during prior year" to code "8=NA".	2002-04-01
211i	ANNUAL EARNINGS	Added "not competitively employed" to code 8=NA.	2002-04-01
248f	MEDICAL MORBIDITY: CRANIAL - Seizures	Corrected example ("2" instead of "1").	2002-04-01
251	DISABILITY RATING SCALE	Corrected code for "Not due this year" for #4-6: changed from "7" to "7.7" (was correct on Form II and in database).	2002-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Corrected the "mode" codes for #14, 17, 18 (alphabetic rather than numeric).	2002-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	In DEFINITION, added reference Center's instruction manual.	2002-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	For #8 and #9, added function modifier items "a=Level of assistance" and "b=Frequency of accidents", the codes for 8b and 9b, and examples for 8a,b & 9a,b.	2002-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note about coding 14 (mode of locomotion) if patient both walks and uses wheelchair.	2002-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Corrected code 4 "Minimal Assist" that ptn does greater than or equal to 75% rather than greater than 75%.	2002-04-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated SOURCE.	2002-04-01
292a2	ALCOHOL USE	In CODES, corrected autofills so will occur when #1 = 1, 5, 7, 8, or 9. Revised format of autofill information.	2002-04-01
292c	INCOME AND SOURCE	Corrected example so code is "99998" rather than "8".	2002-04-01
292c	INCOME AND SOURCE	Added code "55= Data collected before codes 06-11 existed". (Data on such cases are available only in a calculated variable that merges current data with data based on the original 01-06 codes.)	2002-04-01
292c	INCOME AND SOURCE	Updated CODE 3 label to replace "AFDC" with "TA".	2002-04-01
20Ad	REASON PERSON WITH BRAIN INJURY NOT PROVIDING DATA	Added NOTE about if in jail	2002-01-01
209a	ZIP CODE	Added code "0=variable did not exist".	2002-01-01
210a	YEARS OF EDUCATION	Added SOURCE box; added info about NAFFSA website.	2002-01-01
210b	GED	Added code "3=N/A".	2002-01-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Clarified instruction to code this variable if "05=competitive employment" is coded for either the primary or secondary status of V211a.	2002-01-01
211c	DATE OF FIRST COMPETITIVE EMPLOYMENT	Added code to syllabus "06/06/6666 Variable did not exist" [already added to database?].	2002-01-01

ID	Variable Title	Revision Change	Date of Revision
211d	JOB STABILITY: WEEKS EMPLOYED	Added code "66=Variable did not exist".	2002-01-01
211i	ANNUAL EARNINGS	Definition modified to instruct not to take into account known future changes in earning.	2002-01-01
211i	ANNUAL EARNINGS	Removed note added in 10/1/01 regarding taking into account future changes in income.	2002-01-01
211i	ANNUAL EARNINGS	Added note that this variable can be collected along with V292c.	2002-01-01
211i	ANNUAL EARNINGS	Replaced code "66=Not due" with "66=Variable did not exist" (error in syllabus, not forms).	2002-01-01
212	CENSUS OCCUPATIONAL CATEGORY	Added note to code this variable if V211a is 05 or 08 in either primary or secondary occupation.	2002-01-01
251	DISABILITY RATING SCALE	Added code "7 =Not due this year" for #1-6.	2002-01-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added code "8=Not due" to #14 & 18 in these pages.	2002-01-01
273	REHOSPITALIZATION	Added clarification to code 9.	2002-01-01
292c	INCOME AND SOURCE	Added note that this variable can be collected along with V211i.	2002-01-01
292c	INCOME AND SOURCE	In example, changed "0" to "8" in 2b when 2a = 1(No).	2002-01-01
292c	INCOME AND SOURCE	Added note about calculated variable that includes new and old cases.	2002-01-01
292c	INCOME AND SOURCE	Added code "99995 Variable did not exist".	2002-01-01
292c	INCOME AND SOURCE	Corrected syllabus: code 99998 changed from "NA not due this year" to "NA no income from this source", which matches Form II.	2002-01-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added note that the 2 "supplemental" questions are not required.	2002-01-01
211i	ANNUAL EARNINGS	Definition modified to emphasize this is an annualized estimate based on current jobs.	2001-10-01
211i	ANNUAL EARNINGS	Note added to take into account definite future changes in income.	2001-10-01
292c	INCOME AND SOURCE	Added income codes to match V211i.	2001-10-01
296	GLASGOW OUTCOME SCALE - EXTENDED	New administration and scoring instructions added to Form II.	2001-10-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Revised the reference to Appendix O in DEFINITION.	2001-10-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added new overview and instructions in Appendix O.	2001-10-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Removed references to the GOS-E Structured Interview (superceded by new instructions in Form II).	2001-10-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added note that GOS-E is a "best source" variable.	2001-10-01
20Ab	METHOD OF INTERVIEW DATA COLLECTION - PERSON WITH BRAIN INJURY	Note added about how to code if multiple methods are used to collect data.	2001-08-20
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	Note added about multiple methods of collecting data.	2001-08-20
207	MARITAL STATUS	Instruction added to obtain from the "Best Source of Information".	2001-08-20
208	PRIMARY PERSON LIVING WITH	Instruction added to obtain from the "Best Source of Information".	2001-08-20

ID	Variable Title	Revision Change	Date of Revision
209	RESIDENCE	Instruction added to obtain information from "Best Source of Information".	2001-08-20
209a	ZIP CODE	Instruction added to obtain data from "Best Source of Information".	2001-08-20
209a	ZIP CODE	Purpose added.	2001-08-20
209a	ZIP CODE	Note added about estimating zip code if homeless.	2001-08-20
210b	GED	Variable added to database.	2001-08-20
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added code "66=Variable did not exist".	2001-08-20
211c	DATE OF FIRST COMPETITIVE EMPLOYMENT	Added notes.	2001-08-20
292c	INCOME AND SOURCE	Added note about excluding legal fees from settlement amount.	2001-08-20
292e	ARRESTS	Added note about pre-injury crimes in which the arrest is post-injury.	2001-08-20
292f	PSYCHIATRIC PROBLEMS	Variable V292f and V293f combined to create V300d (best source of information). But, V300d not added to database. Instead, the variable number was reverted to V292f (in combination with V292f1).	2001-08-20
296	GLASGOW OUTCOME SCALE - EXTENDED	Corrected code labels, as follows: Added DEAD=1; Changed VEGETATIVE STATE 1->2, LSD 2->3, USD 3->4, LMD 4->5, UMD 5->6, LGR 6->7, UGR 7->8, UNK 8->9.	2001-08-20
209	RESIDENCE	Zip Code removed and made into V209a.	2001-07-01
209a	ZIP CODE	Zip Code made into separate variable.	2001-07-01
210a	YEARS OF EDUCATION	Note added that actual years of education may not equal the actual number of years in school.	2001-07-01
210a	YEARS OF EDUCATION	Note added to not count GED, trade school, or other types of education not listed toward years of education.	2001-07-01
211a	EMPLOYMENT STATUS	Replaced "at annual evaluation" with "in the month prior to the annual evaluation".	2001-07-01
211a	EMPLOYMENT STATUS	For code 7, replaced "Homemaker" with "Taking care of house or family".	2001-07-01
211a	EMPLOYMENT STATUS	For code 10, added "(looking for work in the last 4 weeks)".	2001-07-01
211a	EMPLOYMENT STATUS	Added code "12=Retired (disability)".	2001-07-01
211a	EMPLOYMENT STATUS	Added code "13=Unemployed (not looking for work in the last 4 weeks)".	2001-07-01
211a	EMPLOYMENT STATUS	Added code "14 =Hospitalized without pay during most of the last 4 weeks".	2001-07-01
211a	EMPLOYMENT STATUS	Added code "15=Retired (other)".	2001-07-01
211a	EMPLOYMENT STATUS	Removed [i]source of income support for disability[/i] as a criterion for classification.	2001-07-01
211a	EMPLOYMENT STATUS	Revised the prioritization list as follows: "taking care of house or family" replaces "home management (homemaker)", "job-directed/on-the-job training" reverses position with "supported employment", "volunteer work" replaces "volunteer activity", "retirement (age-related), retirement (disability-related)" replaces "active leisure/retirement, disability-related retirement".	2001-07-01
211a	EMPLOYMENT STATUS	Added note that for the code "09=Retired (age)", accept the respondent's statement as to whether age was the cause of retirement.	2001-07-01

ID	Variable Title	Revision Change	Date of Revision
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	In the definition, added "usually worked in all" prior to "paid competitive"; replaced "employment" with "jobs"; added "in the month prior to the" before "annual evaluation".	2001-07-01
211c	DATE OF FIRST COMPETITIVE EMPLOYMENT	Variable added to database.	2001-07-01
211d	JOB STABILITY: WEEKS EMPLOYED	Variable added to database.	2001-07-01
211i	ANNUAL EARNINGS	Variable added to database.	2001-07-01
251	DISABILITY RATING SCALE	Added instruction that the first 6 items of the DRS have been classified as "less dynamic" variables and are to be obtained in years 1,2,5,10, and every 5 years thereafter.	2001-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added definition of FIM.	2001-07-01
292b	MOTORIZED TRANSPORTATION	V292b became a "Best source of information" variable, incorporating V293b. (This "best source" variable was originally named V300b, but reverted to V292b before a change in the database occurred.)	2001-07-01
292c	INCOME AND SOURCE	Added amount of income obtained monthly from each non-employment source.	2001-07-01
292c	INCOME AND SOURCE	Integrated with V293c to create a "best source of information" variable. (Initially, was named V300c, but reverted to V292c plus V292c1 before variable was renamed in the database.)	2001-07-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Instructions for data collection have been modified so questions 2b,5b,6b,7b, and 8b are not asked (coded 8=N/A) if participant has no disability.	2001-07-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added codes "8=N/A, no disability" and "9=unknown".	2001-07-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Corrected code labels: added "Upper GR" to 8a(1); added "Lower GR" to 8a(2).	2001-07-01
297	SUPERVISION RATING SCALE (SRS)	Corrected errors that were implemented on 7/1/00 in the Form II, as follows: the heading [u]"Overnight supervision"[/u] replaces [u]"Independent at night"[/u]; for code 03 the label "Supervised only at night" replaces "Usually supervised during day"; for code 04 the label "Supervised at night and selected day times" replaces "Supervision always at night and at selected day times"; for code 05 the label "Supervised and night and part-time during day; not supervised during working hours (full time)" replaces "Supervised at night, and most day times, except during work"; the heading [u]"Full time indirect supervision"[/u] replaces [u]"Full time supervision"[/u]; for code 08 the label "Full time indirect supervision; does not check more than once every 30 minutes" replaces "Full time direct supervision, at least every 30 minutes"; for code 09 the label "Same as 08, and requires overnight safety precautions (lock, etc.)" replaces "Same as 08, and requires special safety precautions (lock, etc.)"; for code 10 the label "Full time direct supervision; checked more than once every thirty minutes" replaces "Full time supervision, more than once every thirty minutes"; for code 11 the label "Full time direct supervision in confined, controlled setting" replaces "Full time supervision in confined, controlled setting".	2001-07-01
209	RESIDENCE	Added Zip Code.	2001-01-01
209a	ZIP CODE	Zip Code added to database.	2001-01-01

ID	Variable Title	Revision Change	Date of Revision
210a	YEARS OF EDUCATION	Variable added.	2001-01-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Changed collection schedule to years 1,2,5,10 and every 5 years thereafter.	2001-01-01
292a2	ALCOHOL USE	Added/revised coding instructions.	2001-01-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Subscores to be entered into database.	2001-01-01
20Ad	REASON PERSON WITH BRAIN INJURY NOT PROVIDING DATA	Combined "01=physically unable" and "02=cognitively unable" into "03=physically or cognitively unable".	2000-07-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Adopted extended version of Glasgow Outcome Scale (Glasgow Outcome Scale-Extended).	2000-07-01
211a	EMPLOYMENT STATUS	Added use of job coach to code 8.	1999-10-01
211a	EMPLOYMENT STATUS	Added list to prioritize employment status if more than 1.	1999-10-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Revised note and unknown code used if patient does not perform activity.	1999-10-01
273	REHOSPITALIZATION	Dropped date fields and changed reason for rehospitalization from text field to a categorical variable.	1999-10-01
292a1	DRUG USE	Revised time period from 6-12 months to 12 months.	1999-10-01
292a2	ALCOHOL USE	Dropped QFVI, replaced with alcohol questions from NHSDA and BRFSS module 13.	1999-10-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Deleted FAM items.	1999-07-01
201	DATE OF FOLLOW-UP	Revised unknown date codes to be compatible with new software.	1999-04-02
211a	EMPLOYMENT STATUS	Added clarification for some codes.	1999-04-02
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added note regarding coding hours greater than 98 and hours for more than one job.	1999-04-02
273	REHOSPITALIZATION	Revised unknown date codes to be compatible with new software.	1999-04-02
296	GLASGOW OUTCOME SCALE - EXTENDED	Added note regarding scoring persons not employed prior to injury.	1999-04-02
200	SYSTEM/SUBJECT/FOLLOW-UP ID	Corrected name for center 17.	1999-01-01
251	DISABILITY RATING SCALE	Added note regarding .5 ratings.	1998-09-01
273	REHOSPITALIZATION	Added clarification of how to code if more than two rehospitalizations.	1998-09-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Added ABIC checklist for scoring GOS, amended example and source.	1998-09-01
297	SUPERVISION RATING SCALE (SRS)	Dropped code "77=not due", added code "00=variable did not exist".	1998-09-01
200	SYSTEM/SUBJECT/FOLLOW-UP ID	Added codes for 12 new centers.	1998-08-15
201	DATE OF FOLLOW-UP	Year expanded to 4 digits.	1998-08-15
221	SUBSEQUENT TRAUMATIC BRAIN INJURY	Year expanded to four digits.	1998-08-15
273	REHOSPITALIZATION	Year expanded to 4 digits.	1998-08-15
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note how to code optional FAM items not collected.	1998-04-15
292b	MOTORIZED TRANSPORTATION	Split "N/A" code into "N/A, not due this year" and "N/A, no SO".	1998-04-15
292c	INCOME AND SOURCE	Changed code N/A, not due this year or no SO.	1998-04-15

ID	Variable Title	Revision Change	Date of Revision
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added note that the 12 FAM items are now optional for collection.	1998-04-01
292e	ARRESTS	Changed code description and example to reflect how to code when no arrests are drug/ETOH related.	1998-04-01
292g	SATISFACTION WITH LIFE SCALE (SWLS) - FOR PERSON WITH BRAIN INJURY	Dropped quality of life and health questions, added Satisfaction With Life Scale (self-assessment by person with brain injury).	1998-04-01
296	GLASGOW OUTCOME SCALE - EXTENDED	Variable added to database.	1998-04-01
297	SUPERVISION RATING SCALE (SRS)	Variable added to database.	1998-04-01
200	SYSTEM/SUBJECT/FOLLOW-UP ID	Added new codes for OSU and MOSS.	1997-10-01
292e	ARRESTS	Expanded items 2-3 to 2 characters, clarified wording #3.	1997-04-01
292a1	DRUG USE	Expanded variable, moved alcohol questions to separate variable.	1997-01-01
292a2	ALCOHOL USE	Moved drug question to separate variable.	1997-01-01
292e	ARRESTS	Expanded variable.	1997-01-01
292f	PSYCHIATRIC PROBLEMS	Variable added to database.	1997-01-01
292g	SATISFACTION WITH LIFE SCALE (SWLS) - FOR PERSON WITH BRAIN INJURY	Quality of Life and Health - new variable added to database.	1997-01-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Corrected note.	1996-11-01
292a2	ALCOHOL USE	Added code for additional CIQ questions not due this year.	1996-04-01
292b	MOTORIZED TRANSPORTATION	Added code for additional CIQ questions not due this year.	1996-04-01
292b	MOTORIZED TRANSPORTATION	Dropped items 3 & 4.	1996-04-01
292b	MOTORIZED TRANSPORTATION	Revised codes 1 & 2.	1996-04-01
292c	INCOME AND SOURCE	Added code 7 for additional CIQ questions not due this year.	1996-04-01
292e	ARRESTS	Added code for additional CIQ questions not due this year.	1996-04-01
20Ab	METHOD OF INTERVIEW DATA COLLECTION - PERSON WITH BRAIN INJURY	Clarified that this variable refers to interview data collection only.	1996-01-01
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	Clarified that this variable refers to interview data collection only.	1996-01-01
20Ad	REASON PERSON WITH BRAIN INJURY NOT PROVIDING DATA	Revised codes to combine information from v20Ad and V20Ag.	1996-01-01
201	DATE OF FOLLOW-UP	Added note to clarify coding of date of follow-up evaluation.	1995-07-01
208	PRIMARY PERSON LIVING WITH	Dropped 2nd and 3rd persons living with.	1995-07-01

ID	Variable Title	Revision Change	Date of Revision
208	PRIMARY PERSON LIVING WITH	Dropped code 88.	1995-07-01
209	RESIDENCE	Revised codes, moved dorm thru farmworkers camp from 3 to 1, moved skilled nursing facility from 2 to 10, moved all 11 to 3, added new code 10=subacute.	1995-07-01
211a	EMPLOYMENT STATUS	Dropped reference to variable 112 so coding is consistent among employment-related vars.	1995-07-01
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Added note clarifying when to code variable in relationship to variable V211a.	1995-07-01
212	CENSUS OCCUPATIONAL CATEGORY	Added note clarifying when to code variable in relationship to variable V211a.	1995-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Dropped mode of locomotion code "b" for item #14.	1995-07-01
292b	MOTORIZED TRANSPORTATION	Dropped item "2=advanced notice for transportation required".	1995-07-01
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added unknown code for mode items 14,17 and 18.	1995-03-24
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Dropped 3rd ICD-9 code and 2nd and 3rd E-codes.	1995-01-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Revised code description for 999.99 and 999.9.	1995-01-01
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Added codes 777.77 and 777.7.	1995-01-01
200	SYSTEM/SUBJECT/FOLLOW-UP ID	Added 2 digits to number to identify year of annual follow-up evaluation.	1995-01-01
201	DATE OF FOLLOW-UP	Dropped date of injury.	1995-01-01
201	DATE OF FOLLOW-UP	Clarified code descriptions for date of follow-up evaluation and date of death.	1995-01-01
201	DATE OF FOLLOW-UP	Added date of death code 77/77/77= person expired but unknown date.	1995-01-01
251	DISABILITY RATING SCALE	Dropped total score.	1995-01-01
251	DISABILITY RATING SCALE	Added NOTE and reference to Appendix J.	1995-01-01
273	REHOSPITALIZATION	Dropped rehospitalizations #3-#6.	1995-01-01
207	MARITAL STATUS	Dropped code 6=cohabitation.	1994-09-13
209	RESIDENCE	Added "adult foster care" to code 3.	1994-09-13
211a	EMPLOYMENT STATUS	Dropped third employment status.	1994-09-13
212	CENSUS OCCUPATIONAL CATEGORY	Converted to using the 1990 Census codes and only coding major category of occupation instead of specific classification.	1994-09-13
221	SUBSEQUENT TRAUMATIC BRAIN INJURY	Revised coding to enter date instead of just yes/no.	1994-09-13
251	DISABILITY RATING SCALE	Removed comment about completing DRS annually until two normal ratings have occurred.	1994-09-13
251	DISABILITY RATING SCALE	Revised items 4-8 to a .5 scale.	1994-09-13
251	DISABILITY RATING SCALE	Dropped date of assessment.	1994-09-13
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added unknown code.	1994-09-13
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Added notes for coding clarification.	1994-09-13
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Deleted date of assessment.	1994-09-13
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated source to include FIM Version 4.0.	1994-09-13

ID	Variable Title	Revision Change	Date of Revision
252	FUNCTIONAL INDEPENDENCE MEASURE (FIM)	Updated descriptors for #16, 23, and 25.	1994-09-13
292a2	ALCOHOL USE	Added Appendix G including standard drink chart.	1994-09-13
20Aa	LIVING STATUS OF PERSON WITH BRAIN INJURY	Corrected references to E-codes, corrected description of Not applicable code to be consistent with V146.	1994-08-19
20Ab	METHOD OF INTERVIEW DATA COLLECTION - PERSON WITH BRAIN INJURY	Added code 8 to be consistent with data collection form.	1994-08-19
20Ac	METHOD OF INTERVIEW DATA COLLECTION - SIGNIFICANT OTHER	Added code 8 to be consistent with data collection form.	1994-08-19
207	MARITAL STATUS	Removed note regarding collecting data from subject and SO.	1994-08-19
207	MARITAL STATUS	Corrected descriptions to be consistent with V107.	1994-08-19
208	PRIMARY PERSON LIVING WITH	Removed note regarding collecting data from subject and SO.	1994-08-19
208	PRIMARY PERSON LIVING WITH	Added code 88 and added 88's to example.	1994-08-19
208	PRIMARY PERSON LIVING WITH	Added note about selecting the person to record, if subject is living with more than one person.	1994-08-19
209	RESIDENCE	Removed note regarding collecting data from subject and SO.	1994-08-19
209	RESIDENCE	Dropped code 88.	1994-08-19
211a	EMPLOYMENT STATUS	Removed note regarding collecting data from subject and SO.	1994-08-19
211a	EMPLOYMENT STATUS	Added code 88 and added 88's to example.	1994-08-19
211a	EMPLOYMENT STATUS	Added notes to be consistent with V111a.	1994-08-19
211b	HOURS OF PAID COMPETITIVE EMPLOYMENT	Removed note regarding collecting data from subject and SO.	1994-08-19
212	CENSUS OCCUPATIONAL CATEGORY	Removed note regarding collecting data from subject and SO.	1994-08-19
212	CENSUS OCCUPATIONAL CATEGORY	Added "1970" to clarify which codes are being used.	1994-08-19
212	CENSUS OCCUPATIONAL CATEGORY	Added note to refer to Appendix D for codes.	1994-08-19
221	SUBSEQUENT TRAUMATIC BRAIN INJURY	Definition clarified per Medical Committee.	1994-08-19
221	SUBSEQUENT TRAUMATIC BRAIN INJURY	Dropped date of subsequent TBI from syllabus page, it has never been collected.	1994-08-19
292b	MOTORIZED TRANSPORTATION	Clarified what "little/no advanced notice" refers to.	1994-08-19
292b	MOTORIZED TRANSPORTATION	Corrected example.	1994-08-19
292b	MOTORIZED TRANSPORTATION	Clarified that items 2-4 refer to the primary mode of transportation.	1994-08-19
292c	INCOME AND SOURCE	Clarified #1 by adding "total" family income.	1994-08-19
292c	INCOME AND SOURCE	Removed statement from #2 "in addition to employment income".	1994-08-19
292e	ARRESTS	Added clarification to description to refer to current follow-up period.	1994-08-19
292e	ARRESTS	Corrected example.	1994-08-19

ID	Variable Title	Revision Change	Date of Revision
292a2	ALCOHOL USE	Added note for coding someone who does not drink at all.	1994-08-12
292a2	ALCOHOL USE	Corrected example.	1994-08-12
292a2	ALCOHOL USE	Added full reference for Cahalan/Cisin article.	1994-08-12
292a2	ALCOHOL USE	QFVI added to Form II.	1991-03-21

Traumatic Brain Injury Model System National Database Live Syllabus

New/Updated Variable Pages for V9.7 (4th Quarter 2004)

- V 101a DATES (AND TIMES)
- V109 Residence pre-injury
- V192a2 Premorbid alcohol use
- V209 Residence at follow-up
- V292a2 Alcohol use

DATES (AND TIMES)

Variable 101a

Date of last revision: 10/01/04

DEFINITION:

The "Dates" set of variables includes the following:

1. Date of injury
2. Date admitted to Model System emergency department
3. Date discharged from acute care
4. Date admitted to inpatient rehabilitation facility
5. Date discharged from inpatient rehabilitation facility
6. Date of death

CODE:

MM/DD/YYYY

08/08/8888 = Not Applicable

09/09/9999 = Unknown

CHARACTERS:

8 date

NOTE:

If a patient completes acute care and inpatient rehabilitation and is then transferred to an alternate level of care (regardless of whether it is a designated Model System facility or not), this is considered the rehabilitation discharge date and the residence at discharge (V109) should reflect this alternate level of care discharge.

An alternate level of care is defined as a transfer of a patient from inpatient rehabilitation to a lower level of care (usually with maintenance therapy) after he/she is medically stable and reaches functional plateau (as determined by a medical doctor and utilization review committee).

If a patient is transferred to an alternate level of care within the designated Model System prior to inpatient rehabilitation, the ALC length of stay should be added to the Model System acute care stay or inpatient rehabilitation stay, which ever is most applicable.

Day hospital treatment should not to be included as part of inpatient rehabilitation stay.

Do not assume that the date of discharge from the acute care hospital is the same as the date of admission to inpatient rehab.

Do not include rehab in a day hospital as part of the inpatient stay.

EXAMPLE:

Date of injury was April 13, 1988.

04/13/1988

VARIABLE HISTORY:

Date of last Revision	Description
2004-10-01	In DEFINITION, numbered the six parts of this item. (In order to make them easier to identify.)
2003-01-01	Deleted 101B: Times of Injury and ER Admission
2002-04-01	Removed typo from first 1/1/02 note.
2002-04-01	Removed second 1/1/02 note (regarding family consent).
2002-01-01	Added NOTE to not assume that date of acute discharge is the same as admission to inpatient rehab.
2002-01-01	Added NOTE about consent from family if patient dies before consent.
1999-04-01	Revised unknown date codes to be compatible with the new software.

Date of last Revision	Description
1998-08-15	Year expanded to four digits.
1995-07-01	Added codes for unknown time less than 8 hours or less than 24 hours to correspond to new inclusion criteria.
1995-07-01	Clarified code 99:99. Now refers only to unknown time of ED admit.
1994-09-13	Deleted these date variables: "admitted to acute care", "first acute rehab services", "admitted to/discharged from an alternate level of care".
1994-09-13	Added notes for clarification of ALC (alternative level of care).
1994-02-01	Added note to clarify what the Date of First Acute Care Rehab Services refers to.

RESIDENCE

Variable 109

Date of last revision: 10/01/04

DEFINITION:

Where the person with brain injury is living:

- at the time just prior to injury
- at discharge from Rehabilitation.

CODE:

- 01 **Private Residence** (includes house, apartment, mobile home, foster home, condominium, dormitory (school, church, college), military barracks, boarding school, boarding home, rooming house, bunk-house, boys ranch, fraternity/sorority house, commune,*, migrant farmworkers camp)
- 02 **Nursing Home** (includes medi-center, residential, institutions licensed as hospitals but providing essentially long-term, custodial, chronic disease care, etc.)
- 03 **Adult Home** (includes adult foster care, indep. living center, transitional living facility, assisted living, supported living, group home)
- 04 **Correctional Institution** (includes prison, jail, penitentiary, correctional center, labor camp, halfway house, etc.)
- 05 **Hotel/Motel** (includes YWCA, YMCA, guest ranch, inn)
- 06 **Homeless** *(includes a shelter for the homeless)
- 07 **Hospital - Acute Care**
- 08 **Hospital - Rehabilitation**
- 09 **Hospital - Other** (includes mental hospital, * inpatient drug treatment)
- 10 **Subacute care** (includes subacute hospital bed, skilled nursing facility)
- 77 **Other**
- 88 **Not Applicable** (patient expired in rehab)
- 99 **Unknown**

CHARACTERS:

2 numeric

NOTE:

If category is not applicable, then field should be coded 88. Do not leave blank.

EXAMPLE:

Patient lived at home at time of injury, and lived in a transitional living facility after rehabilitation.

At time of injury 01
After rehab discharge 03

VARIABLE HISTORY:

Date of last Revision	Description
2004-10-01	Deleted "shelter" from code 01. Added "shelter for the homeless" to code 06.
2004-10-01	Deleted "involuntary" from "involuntary inpatient drug treatment program", a category of code "09=Hospital--other".
2001-08-20	Added "Involuntary inpatient drug treatment program" to "Hospital-Other" category.
2001-07-01	Zip Code question becomes a separate variable (V109a).
2001-01-01	Zip Code collected.
1996-04-01	Added halfway house to code 4=correctional institution.
1995-07-01	Moved dorm thru farmworkers camp from code 3 to code 1.
1995-07-01	Moved skilled nursing facility from code 2 to code 10.
1995-07-01	Moved all code 11 to code 3.
1995-07-01	Added new code 10=subacute.
1994-09-13	Dropped "residence at time of acute discharge".
1994-09-13	Added "adult foster care" to code 3.
1994-02-01	Deleted references to Level I data collection.

PREMORBID ALCOHOL USE

Variable 192a2

Date of last revision: 10/01/04

DEFINITION:

- 1) During the month before the injury, have you had at least one drink of any alcoholic beverage such as beer, wine, wine coolers, or liquor?
- 2) During the month before the injury, how many days per week or per month did you drink any alcoholic beverages, on the average?
- 3) A drink is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. On the days when you drank, about how many drinks did you drink on the average?
- 4) Considering all types of alcoholic beverages, how many times during the month before the injury did you have five or more drinks on an occasion?

A "drink" is defined in: 20a.Standard Drink Chart (http://syllabus/pdf/20a_Standard_drink_chart.pdf), in Appendix G.

CODE:

Item 1):

- 1 No (autofills items 2-4 with 66=NA)
- 2 Yes
- 7 Refused (autofills items 2-4 with 77=Refused)
- 8 Variable did not exist when data collected (autofills items 2-4 with "88=Variable did not exist")
- 9 Unknown/Don't know/Not sure (autofills items 2-4 with "99=Unknown/Don't know/Not sure")

Item 2):

- a) ## enter number of days per week
- b) ## enter number of days per month
- a)& b) 66 N/A - Not Applicable (Use for item not answered; use for both items if item 1 = No.)
- 77 Refused
- 88 Variable did not exist when data collected
- 99 Unknown/Don't know/Not sure

Item 3) ## enter number of drinks

- 66 N/A - Not Applicable (use only if item 1 = No)
- 77 Refused
- 88 Variable did not exist when data collected
- 99 Unknown/Don't know/Not sure

Item 4) ## enter number of times

- 00 None
- 66 N/A (use only if item 1 = No)
- 77 Refused
- 88 Variable did not exist when data collected
- 99 Unknown/Don't know/Not sure

CHARACTERS:

- 1 numeric
- 2 numeric

NOTE:

Base the data recorded for these questions on self-response. Do not be influenced by information about drinking habits that may be available from hospital records, etc.

Use the higher score if a range (in # of drinks) is given.

Probe for size of drink, and adjust scoring according to answer received.

A report on substance use that is based on TBIMS data can be found on COMBI:

Problematic Substance Use Identified in the TBIMS National Dataset (<http://www.tbims.org/combi/subst/index.html>)

*For ease of data entry, the pull-down menus in the data entry screens now (as of 7/1/04) accommodate the missing data codes (7, 9) that were switched starting with V9.5. Data may now be entered AS IS from forms 9.5 and newer and from forms 9.4 and older.

SOURCE:

Centers for Disease Control and Prevention. Behavioral Risk Factor Surveillance System User's Guide. Atlanta: U.S. Department of Health and Human Services, 1998. National Household Survey on Drug Abuse. Substance Abuse and Mental Health Services Administration, Office of Applied Studies.

EXAMPLE:

Prior to his/her injury, person with brain injury had a single glass of wine with dinner every night, but never consumed more than that amount.

- 1) 2
- 2a) 66
- 2b) 30
- 3) 1
- 4) 00

VARIABLE HISTORY:

Date of last Revision	Description
2004-10-01	Added NOTE that data entry screens are programmed so pull-down menu items 7 and 9 (switched starting with V9.5) now adjust for forms 9.4 and earlier and for form 9.5 and later. Data from all forms can now be entered AS IS. (This change was made in the database last quarter (9.6) but too late to add to syllabus page.)
2004-07-01	Moved NOTE explaining why there are some cases prior to 1/1/97 that have data, to CHARACTERISTICS OF DATA.
2004-07-01	Corrected EXAMPLE so 2a is "66".
2004-04-01	Added "Unknown" to code "Don't know/Not sure"
2004-04-01	Reversed the codes for "Refused" (was 9, now 7) and "Unknown/Don't know/Not sure" (was 7, now 9)
2004-04-01	Added NOTE explaining why there are some cases prior to 1/1/97 that have data.
2004-04-01	Added NOTE that a report on alcohol use based on TBIMS data is on COMBI.
2004-01-01	Added coding instruction for item 2 that 66 should be scored for the item not answered.
2004-01-01	Added NOTE box with 2 notes (use self-report; reference to appendix G for definition of "drink") from the syllabus page for V292a2.
2004-01-01	Added note to code the higher score if a range is given.
2004-01-01	Added note to probe for size of drink, and adjust scoring according to answer received.
2002-04-01	In CODES, corrected autofills so will occur when #1 = 1, 5, 7, 8, or 9. Revised format of autofill information.
2001-01-01	Added/revised coding instructions.
1999-10-01	Dropped QFVI, replaced with alcohol questions from NHSDA and BRFSS module 13.
1997-01-01	Variable added to Form I database.

RESIDENCE

Variable 209

Date of last revision: 10/01/04

DEFINITION:

Where the person with brain injury is living at time of follow-up evaluation, according to the best source of information (person with brain injury unless unavailable or unreliable).

CODE:

01 **Private Residence** (includes house, apartment, mobile home, foster home, condominium, dormitory [school, church, college], military barracks, boarding school, boarding home, rooming house, bunk-house, boys' ranch, fraternity/sorority house, commune,*, migrant farmworkers' camp)
 02 **Nursing Home** (includes medi-center, residential, institutions licensed as hospitals but providing essentially long-term, custodial, chronic disease care, etc.)
 03 **Adult Home** (adult foster care, independent living center, transitional living facility, group home)
 04 **Correctional Institution** (includes prison, jail, penitentiary, correctional center, labor camp, etc.) For a list of on-line databases of incarcerated persons, see: [25a.List of online offender databases](http://syllabus/pdf/25a_Incarceration_databases.pdf) (http://syllabus/pdf/25a_Incarceration_databases.pdf) in Appendix L.
 05 **Hotel/Motel** (includes YWCA, YMCA, guest ranch, inn)
 06 **Homeless** *([includes a shelter for the homeless](#))
 07 **Hospital - Acute Care**
 08 **Hospital - Rehabilitation**
 09 **Hospital - Other** (includes mental hospital, *[inpatient drug rehabilitation](#))
 10 **Subacute care** (includes subacute hospital bed, skilled nursing facility)
 77 **Other**
 99 **Unknown**

CHARACTERS:

2 numeric

EXAMPLE:

Patient lived at home at time of evaluation.

01

VARIABLE HISTORY:

Date of last Revision	Description
2004-10-01	Added "Inpatient drug rehabilitation" as a type of code "09=Hospital-other".
2004-10-01	Deleted "shelter" as a category of "01=Private". Added "shelter for the homeless" to code "06=Homeless".
2004-07-01	Added instruction in DEFINITION to obtain from the "best source". (This instruction was not added on 8/20/2001 as stated).
2004-04-01	In CODES, added note about availability of incarceration online databases in Appendix L.
2001-08-20	Instruction added to obtain information from "Best Source of Information".
2001-07-01	Zip Code removed and made into V209a.
2001-01-01	Added Zip Code.
1995-07-01	Revised codes, moved dorm thru farmworkers camp from 3 to 1, moved skilled nursing facility from 2 to 10, moved all 11 to 3, added new code 10=subacute.
1994-09-13	Added "adult foster care" to code 3.
1994-08-19	Removed note regarding collecting data from subject and SO.
1994-08-19	Dropped code 88.

ALCOHOL USE

Variable 292a2

Date of last revision: 10/01/04

DEFINITION:

A "drink" is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. (See: 20a.Standard Drink Chart (http://syllabus/pdf/20a_Standard_drink_chart.pdf) in Appendix G.)

- 1) During the past month, have you had at least one drink of any alcoholic beverage such as beer, wine, wine coolers, or liquor?
- 2) During the past month, how many days per week or per month did you drink any alcoholic beverages, on the average?
- 3) A drink is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. On the days when you drank, about how many drinks did you drink on the average?
- 4) Considering all types of alcoholic beverages, how many times during the past month did you have five or more drinks on an occasion?

CODE:

Item 1):

- 1 No (autofills items 2-4 with 66=N/A)
- 2 Yes
- 5 Not due this year [Code no longer used; data now collected in all follow-up years.]
- 7 Refused (autofills items 2-4 with 7=Refused)
- 8 Variable did not exist when data collected (autofills items 2-4 with 88=Variable did not exist).
- 9 Unknown/Don't know/Not sure (autofills items 2-4 with 99=Unknown/Don't know/Not sure)

Item 2):

- a) ## enter number of days per week
- b) ## enter number of days per month
- a)& b)
- 55 Not due this year. [Code no longer used; data now collected in all follow-up years.]
- 66 N/A-Not Applicable (use for item not answered; use for both items if item 1=No)
- 77 Refused
- 88 Variable did not exist when data collected
- 99 Unknown/Don't know/Not sure

Item 3):

- ## enter number of drinks
- 55 Not due this year. [Code no longer used; data now collected in all follow-up years.]
- 66 N/A - Not Applicable (use only if item 1=no)
- 77 Refused
- 88 Variable did not exist when data collected
- 99 Unknown/Don't know/Not sure

Item 4):

- ## enter number of times
- 00 None
- 55 Not due this year. [Code no longer used; data now collected in all follow-up years.]
- 66 N/A (use only if item 1 = no)
- 77 Refused
- 88 Variable did not exist when data collected
- 99 Unknown/Don't know/Not sure

CHARACTERS:

- 2 numeric
- 1 numeric

NOTE:

Base the data recorded for these questions on self-response. Do not be influenced by information about drinking habits that may be available from hospital records, etc.

Code the higher score if a range is given.

Probe for size of drink and adjust scoring according to answer received.

A report on substance use that is based on TBIMS data can be found on COMBI: [Problematic Substance Use Identified in the TBIMS National Dataset \(http://www.tbims.org/combi/subst/index.html\)](http://www.tbims.org/combi/subst/index.html)

*For ease of data entry, the pull-down menus in the data entry screens now (as of 7/1/04) accommodate the missing data codes (7, 9) that were switched starting with V9.5. Data may now be entered AS IS from forms 9.5 and newer and from forms 9.4 and older.

SOURCE:

Centers for Disease Control and Prevention. *Behavioral Risk Factor Surveillance System User's Guide*. Atlanta: U.S. Department of Health and Human Services, 1998. National Household Survey on Drug Abuse. Substance Abuse and Mental Health Services Administration, Office of Applied Studies.

EXAMPLE:

During the past month, person with brain injury had a single glass of wine with dinner every night, but never consumed more than that amount.

- 1) 2
- 2a) *66
- 2b) 30
- 3) 1
- 4) 00

VARIABLE HISTORY:

Date of last Revision	Description
2004-10-01	Added NOTE that data entry screens are programmed so pull-down menu items 7 and 9 (switched starting with V9.5) now adjust for forms 9.4 and earlier and for form 9.5 and later. Data from all forms can now be entered AS IS. (This change was made in the database last quarter (9.6) but too late to add to syllabus page.)
2004-07-01	Corrected EXAMPLE so 2a is "66".
2004-07-01	In CODES, added back in the code for "Not due this year" plus statement that this code is no longer used.
2004-04-01	Added "Unknown" to code "Don't know/Not sure"
2004-04-01	Reversed the codes for "Refused" (was 9, now 7) and "Unknown/Don't know/Not sure" (was 7, now 9)
2004-04-01	Added a NOTE that a report on alcohol use based on TBIMS data is on COMBI.
2004-01-01	Added coding instruction for item 2 that 66 should be scored for the item not answered.
2004-01-01	Added note to code the higher score if a range is given.
2004-01-01	Added note to probe for size of drink and adjust scoring according to answer received.
2003-10-01	Added note that scores for these questions should be based on self-reports and should not be influenced by information available clinically in the Model System.
2003-10-01	Added note referring to Appendix G for more information.
2003-01-01	Removed references to this variable as being asked of the person with TBI.
2003-01-01	Deleted codes for "This variable not due this year".
2003-01-01	Deleted the question that identifies respondent as the person with TBI or significant other.
2002-04-01	In CODES, corrected autofills so will occur when #1 = 1, 5, 7, 8, or 9. Revised format of autofill information.
2001-01-01	Added/revised coding instructions.
1999-10-01	Dropped QFVI, replaced with alcohol questions from NHSDA and BRFSS module 13.
1997-01-01	Moved drug question to separate variable.

Date of last Revision	Description
1996-04-01	Added code for additional CIQ questions not due this year.
1994-09-13	Added Appendix G including standard drink chart.
1994-08-12	Added note for coding someone who does not drink at all.
1994-08-12	Corrected example.
1994-08-12	Added full reference for Cahalan/Cisin article.
1991-03-21	QFVI added to Form II.