

Data Set Name: ad.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ad111	Char	1	11 How often have drink with alcohol
6	ad112	Char	1	12 How many drinks on typical drinking day
7	ad113	Char	1	13 How often have 6+ drinks on one occasion
8	ad114	Char	1	14 How often not able to stop drinking/past year
9	ad115	Char	1	15 How often failed to do expected in last year
10	ad116	Char	1	16 How often need drink in AM after heavy drinking
11	ad117	Char	1	17 How often felt guilt/remorse after drinking
12	ad118	Char	1	18 How often can't remember what happened night before
13	ad119	Char	1	19 Anyone injured as result of your drinking
14	ad120	Char	1	20 Anyone concerned about your drinking
15	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: bg1.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	bg108	Char	1	8 Relatives have liver disease
6	bg109a	Char	1	9a Alcohol related liver disease
7	bg109b	Char	1	9b Viral hepatitis
8	bg109c	Char	1	9c Alpha-1 antitrypsin deficiency
9	bg109d	Char	1	9d Wilson's disease
10	bg109e	Char	1	9e Glycogen storage disease
11	bg109f	Char	1	9f Iron overload
12	bg109g	Char	1	9g Fatty liver disease (NAFLD, NASH)
13	bg109h	Char	1	9h Type of liver disease unknown
14	bg109i	Char	1	9i Other liver disease
15	bg109is	Char	35	9i Specify other liver disease
16	bg110	Char	1	10 Relatives have cirrhosis
17	bg111	Char	1	11 Is cause of cirrhosis unknown
18	bg112	Char	1	12 Relatives have diabetes (Type 1 or 2)
19	bg113	Char	1	13 Relatives have obesity
20	bg114	Char	1	14 Relatives have atrophy of body fat
21	bg115	Char	1	15 Relatives have problem with cholesterol
22	bg117a	Char	1	17a Symptoms for liver disease
23	bg117b	Char	1	17b Evaluated for another illness
24	bg117c	Char	1	17c Routine or insurance physical exam
25	bg117d	Char	1	17d Blood donation
26	bg117e	Char	1	17e Other
27	bg117es	Char	35	17e Specify other type of evaluation
28	bg118a	Char	1	18a Liver biopsy
29	bg118b	Char	1	18b Imaging studies
30	bg118c	Char	1	18c Elevated aminotransferases
31	bg118d	Char	1	18d Other
32	bg118ds	Char	35	18d Specify other test
33	bg119	Char	1	19 Liver biopsy for Database 2
34	bg121	Char	1	21 Will patient have biopsy during screening
35	bg122	Char	1	22 Liver imaging study in past 6 mos
36	bg123	Char	4	23 Patient's birthweight
37	bg124	Char	1	24 Weight pattern over past 5 years

Num	Variable	Type	Len	Label
38	bg125	Char	3	25 Current weight (lbs)
39	bg126	Char	3	26 Most ever weighed
40	bg127	Char	2	27 Age when weighed the most
41	bg128	Char	1	28 Patient age 18 or older
42	bg129	Char	3	29 Least patient has weighed
43	bg130	Char	2	30 Age when weighed the least
44	bg131	Char	1	31 Weigh more than one year ago
45	bg132	Char	3	32 lbs more that patient weighs
46	bg133	Char	1	33 Weigh less than one year ago
47	bg134	Char	3	34 lbs less that patient weighs
48	bg135	Char	1	35 Try to lose or gain weight
49	bg136	Char	1	36 Which did patient try to do
50	bg137	Char	1	37 Patient age 12 or older
51	bg138	Char	1	38 Ever smoked cigarettes
52	bg139	Char	1	39 Smoked cigarettes regularly
53	bg140	Char	2	40 Age first started smoking
54	bg141	Char	2	41 Age stopped smoking
55	bg142	Char	3	42 Number cigarettes smoked per day
56	bg143	Char	1	43 Is patient female
57	bg144	Char	1	44 Has menarche occurred
58	bg145	Char	2	45 Age at menarche
59	bg146	Char	1	46 Characterize menstrual history
60	bg147	Char	1	47 Patient post-menopausal
61	bg148	Char	2	48 Age at menopause
62	bg149a	Char	1	49a Diabetes type 1
63	bg149b	Char	1	49b Diabetes type 2
64	bg149c	Char	1	49c Gestational diabetes
65	bg149d	Char	1	49d Hepatitis B
66	bg149e	Char	1	49e Hepatitis C
67	bg149f	Char	1	49f Autoimmune hepatitis
68	bg149g	Char	1	49g Autoimmune cholestatic liver disorder
69	bg149h	Char	1	49h Wilson's disease
70	bg149i	Char	1	49i Alpha-1-antitrypsin (A1AT) deficiency
71	bg149j	Char	1	49j Glycogen storage disease
72	bg149k	Char	1	49k Iron overload
73	bg149l	Char	1	49l Polycystic liver disease
74	bg149m	Char	1	49m Drug induced liver disease
75	bg149n	Char	1	49n Gilbert's syndrome
76	bg149o	Char	1	49o Esophageal or gastric varices on endoscopy

Num	Variable	Type	Len	Label
77	bg149p	Char	1	49p Bleeding from varices
78	bg149q	Char	1	49q Other gastrointestinal bleeding
79	bg149r	Char	1	49r Ascites
80	bg149s	Char	1	49s Edema
81	bg149t	Char	1	49t Hepatic encephalopathy
82	bg149u	Char	1	49u Portal hypertension
83	bg149v	Char	1	49v Hepatorenal syndrome
84	bg149w	Char	1	49w Hepatopulmonary syndrome
85	bg149x	Char	1	49x Short bowel syndrome
86	bg149y	Char	1	49y Hemophilia
87	bg149z	Char	1	49z HIV positive
88	bg149aa	Char	1	49aa Systemic autoimmune disorder
89	bg149ab	Char	1	49ab Endocrine disease
90	bg149ac	Char	1	49ac Hepatocellular carcinoma
91	bg149ad	Char	1	49ad Other malignancy
92	bg149ae	Char	1	49ae Peripheral neuropathy
93	bg149af	Char	1	49af Seizure disorder or epilepsy
94	bg149ag	Char	1	49ag Drug allergies
95	bg149ah	Char	1	49ah Hypothyroidism
96	bg149ai	Char	1	49ai Hypertension
97	bg149aj	Char	1	49aj Cerebrovascular disease
98	bg149ak	Char	1	49ak Dysbetalipoproteinemia
99	bg149al	Char	1	49al Chronic cholestasis
100	bg149am	Char	1	49am Hyperlipidemia
101	bg149an	Char	1	49an Pancreatitis
102	bg149ao	Char	1	49ao Cholelithiasis
103	bg149ap	Char	1	49ap Coronary artery disease
104	bg149aq	Char	1	49aq Elevated uric acid
105	bg149ar	Char	1	49ar Kidney disease
106	bg149as	Char	1	49as Polycystic ovary syndrome
107	bg149at	Char	1	49at Sleep apnea
108	bg149au	Char	1	49au Dermatologic disorders
109	bg149av	Char	1	49av Myopathy
110	bg149aw	Char	1	49aw Myositis
111	bg149ax	Char	1	49ax Major depression
112	bg149ay	Char	1	49ay Schizophrenia
113	bg149az	Char	1	49az Bipolar disorder
114	bg149ba	Char	1	49ba Obsessive compulsive disorder
115	bg149bb	Char	1	49bb Severe anxiety or personality disorder

Num	Variable	Type	Len	Label
116	bg149bc	Char	1	49bc None of the above
117	bg150a	Char	1	50a Stapling of the stomach
118	bg150b	Char	1	50b Jejunioleal bypass
119	bg150c	Char	1	50c Biliopancreatic diversion
120	bg150d	Char	1	50d Other GI or bariatric surgery
121	bg150ds	Char	35	50d Specify other surgery
122	bg150e	Char	1	50e None of the above
123	bg151a	Char	1	51a Liver transplant ever
124	bg151b	Char	1	51b Organ/limb/bone marrow transplant ever
125	bg152	Char	1	52 Received TPN 6 months prior to liver bx
126	bg153	Char	1	53 Undergoing evaluation for bariatric surgery
127	bg154	Char	1	54 Symptoms of sleep apnea
128	bg155	Char	1	55 Antidiabetic medications
129	bg155a	Char	1	55a Acarbose
130	bg155b	Char	1	55b Acetohexamide
131	bg155c	Char	1	55c Chlorpropamide
132	bg155d	Char	1	55d Glimepiride
133	bg155e	Char	1	55e Glipizide
134	bg155f	Char	1	55f Glyburide
135	bg155g	Char	1	55g Insulin
136	bg155h	Char	1	55h Metformin
137	bg155i	Char	1	55i Miglitol
138	bg155j	Char	1	55j Nateglinide
139	bg155k	Char	1	55k Pioglitazone
140	bg155l	Char	1	55l Repaglinide
141	bg155m	Char	1	55m Rosiglitazone
142	bg155n	Char	1	55n Tolazamide
143	bg155o	Char	1	55o Tolbutamide
144	bg155p	Char	1	55p Other antidiabetic drug
145	bg155ps	Char	35	55p Specify other antidiabetic drug
146	bg156	Char	1	56 Alcohol abuse medications
147	bg156a	Char	1	56a Chlordiazepoxide
148	bg156b	Char	1	56b Clorazepate dipotassium
149	bg156c	Char	1	56c Diazepam
150	bg156d	Char	1	56d Disulfiram
151	bg156e	Char	1	56e Hydroxyzine pamoate
152	bg156f	Char	1	56f Naltrexone hydrochloride
153	bg156g	Char	1	56g Other alcohol abuse drug
154	bg157	Char	1	57 Antihyperlipidemic medications

Num	Variable	Type	Len	Label
155	bg157a	Char	1	57a Atorvastatin
156	bg157b	Char	1	57b Colestipol hydrochloride
157	bg157c	Char	1	57c Clofibrate
158	bg157d	Char	1	57d Gemfibrozil
159	bg157e	Char	1	57e Fenofibrate
160	bg157f	Char	1	57f Fluvastatine sodium
161	bg157g	Char	1	57g Lovastatin
162	bg157h	Char	1	57h Nicotinic acid
163	bg157i	Char	1	57i Pravastatin sodium
164	bg157j	Char	1	57j Rosuvastatin
165	bg157k	Char	1	57k Simvastatin
166	bg157l	Char	1	57l Other antihyperlipidemic drug
167	bg157ls	Char	35	57l Specify other antihyperlipidemic drug
168	bg158	Char	1	58 Antiobesity medications
169	bg158a	Char	1	58a Dexfenfluramine hydrochloride
170	bg158b	Char	1	58b Fenfluramine hydrochloride
171	bg158c	Char	1	58c Methamphetamine hydrochloride
172	bg158d	Char	1	58d Orlistat
173	bg158e	Char	1	58e Phendimetrazine tartrate
174	bg158f	Char	1	58f Phentermine hydrochloride
175	bg158g	Char	1	58g Sibutramine hydrochloride monohydrate
176	bg158h	Char	1	58h Other antiobesity drug
177	bg158hs	Char	35	58h Specify other antiobesity drug
178	bg159	Char	1	59 NSAID or aspirin medications
179	bg159a	Char	1	59a Acetaminophen
180	bg159b	Char	1	59b Aspirin - 325 mg
181	bg159c	Char	1	59c Aspirin - 81 mg
182	bg159d	Char	1	59d Celecoxib
183	bg159e	Char	1	59e Ibuprofen
184	bg159f	Char	1	59f Indomethacin
185	bg159g	Char	1	59g Naproxen
186	bg159h	Char	1	59h Rofecoxib
187	bg159i	Char	1	59i Other NSAID or aspirin drug
188	bg159is	Char	35	59i Specify other NSAID or aspirin drug
189	bg159j	Char	1	59j Other NSAID or aspirin drug
190	bg159js	Char	35	59j Specify other NSAID or aspirin drug
191	bg160	Char	1	60 Opiates containing acetaminophen
192	bg160a	Char	1	60a Darvocet
193	bg160b	Char	1	60b Esgic - Plus

Num	Variable	Type	Len	Label
194	bg160c	Char	1	60c Fioricet
195	bg160d	Char	1	60d Lorcet
196	bg160e	Char	1	60e Lortab
197	bg160f	Char	1	60f Norco
198	bg160g	Char	1	60g Percocet
199	bg160h	Char	1	60h Talacen
200	bg160i	Char	1	60i Tylenol #3
201	bg160j	Char	1	60j Tylenol #4
202	bg160k	Char	1	60k Tylox
203	bg160l	Char	1	60l Vicodin
204	bg160m	Char	1	60m Wygesic
205	bg160n	Char	1	60n Other opiate w/acetaminophen
206	bg160ns	Char	35	60n Specify other opiate w/acetaminophen
207	bg161	Char	1	61 Histamine H2 receptor antagonists
208	bg161a	Char	1	61a Cimetidine
209	bg161b	Char	1	61b Esomeprazole magnesium
210	bg161c	Char	1	61c Famotidine
211	bg161d	Char	1	61d Lansoprazole
212	bg161e	Char	1	61e Nizatidine
213	bg161f	Char	1	61f Omeprazole
214	bg161g	Char	1	61g Ranitidine
215	bg161h	Char	1	61h Ranitidine bismuth citrate
216	bg161i	Char	1	61i Antacids
217	bg161is	Char	35	61i Specify antacids
218	bg161j	Char	1	61j Other
219	bg161js	Char	35	61j Specify other
220	bg162	Char	1	62 Anticoagulant/antiplatelet medications
221	bg162a	Char	1	62a Clopidogrel
222	bg162b	Char	1	62b Dipyridamole
223	bg162c	Char	1	62c Heparin
224	bg162d	Char	1	62d Ticlopidide
225	bg162e	Char	1	62e Warfarin
226	bg162f	Char	1	62f Other anticoagulant
227	bg162fs	Char	35	62f Specify other anticoagulant
228	bg163	Char	1	63 Systemic corticosteroids
229	bg163a	Char	1	63a Betamethasone sodium
230	bg163b	Char	1	63b Cortisol
231	bg163c	Char	1	63c Cortisone
232	bg163d	Char	1	63d Dexamethasone

Num	Variable	Type	Len	Label
233	bg163e	Char	1	63e Hydrocortisone
234	bg163f	Char	1	63f Methylprednisolone
235	bg163g	Char	1	63g Prednisolone
236	bg163h	Char	1	63h Prednisone
237	bg163i	Char	1	63i Triamcinolone
238	bg163j	Char	1	63j Other systemic corticosteroids
239	bg163js	Char	35	63j Specify other systemic corticosteroids
240	bg164	Char	1	64 Cardiovascular/antihypertensive medications
241	bg164a	Char	1	64a Amiodarone
242	bg164b	Char	1	64b Amlodipine besylate
243	bg164c	Char	1	64c Atenolol
244	bg164d	Char	1	64d Benazepril
245	bg164e	Char	1	64e Captopril
246	bg164f	Char	1	64f Clonidine
247	bg164g	Char	1	64g Digoxin
248	bg164h	Char	1	64h Diltiazem
249	bg164i	Char	1	64i Doxazosin
250	bg164j	Char	1	64j Enalapril
251	bg164k	Char	1	64k Felodipine
252	bg164l	Char	1	64l Furosemide
253	bg164m	Char	1	64m Hydrochlorothiazide
254	bg164n	Char	1	64n Hydrochlorothiazide + triamterene
255	bg164o	Char	1	64o Lisinopril
256	bg164p	Char	1	64p Losartan potassium
257	bg164q	Char	1	64q Losartan potassium with hydrochlorothiazide
258	bg164r	Char	1	64r Metoprolol
259	bg164s	Char	1	64s Nifedipine
260	bg164t	Char	1	64t Perhexiline maleate
261	bg164u	Char	1	64u Propranolol
262	bg164v	Char	1	64v Quinapril
263	bg164w	Char	1	64w Terazosin
264	bg164x	Char	1	64x Timolol maleate
265	bg164y	Char	1	64y Valsartan
266	bg164z	Char	1	64z Verapamil
267	bg164aa	Char	1	64aa Other cardiovascular/antihypertensive
268	bg164aas	Char	35	64aa Specify other cardiovascular/antihypertensive
269	bg164ab	Char	1	64ab Other cardiovascular/antihypertensive
270	bg164abs	Char	35	64ab Specify other cardiovascular/antihypertensive
271	bg165	Char	1	65 Estrogen, progestin, HRT medications

Num	Variable	Type	Len	Label
272	bg165a	Char	1	65a Conjugated estrogen
273	bg165b	Char	1	65b Diethylstilbestrol and methyltestosterone
274	bg165c	Char	1	65c Esterified estrogen
275	bg165d	Char	1	65d Estradiol
276	bg165e	Char	1	65e Ethinyl estradiol
277	bg165f	Char	1	65f Fluoxymesterone
278	bg165g	Char	1	65g Levonorgestrel
279	bg165h	Char	1	65h Medroxyprogesterone
280	bg165i	Char	1	65i Megestrol
281	bg165j	Char	1	65j Methyltestosterone
282	bg165k	Char	1	65k Nandrolone
283	bg165l	Char	1	65l Norethindrone
284	bg165m	Char	1	65m Norgestrel
285	bg165n	Char	1	65n Oral contraceptives
286	bg165o	Char	1	65o Oxandrolone
287	bg165p	Char	1	65p Oxymetholone
288	bg165q	Char	1	65q Progesterone
289	bg165r	Char	1	65r Raloxifene
290	bg165s	Char	1	65s Tamoxifen
291	bg165t	Char	1	65t Other hormone replacements
292	bg165ts	Char	35	65t Specify other hormone replacements
293	bg165u	Char	1	65u Other hormone replacements
294	bg165us	Char	35	65u Specify other hormone replacements
295	bg166	Char	1	66 Allergy or asthma medications
296	bg166a	Char	1	66a Beclomethasone dipropionate
297	bg166b	Char	1	66b Budesonide
298	bg166c	Char	1	66c Fluticasone propionate
299	bg166d	Char	1	66d Loratadine
300	bg166e	Char	1	66e Mometasone furoate
301	bg166f	Char	1	66f Triamcinolone acetonide
302	bg166g	Char	1	66g Other asthma medications
303	bg166gs	Char	35	66g Specify other asthma medications
304	bg166h	Char	1	66h Other asthma medications
305	bg166hs	Char	35	66h Specify other asthma medications
306	bg167	Char	1	67 Taken a multivitamin in past 6 months
307	bg168	Char	1	68 Taken other vitamins in past 6 months
308	bg169a	Char	1	69a Vitamin B
309	bg169b	Char	1	69b Vitamin C
310	bg169c	Char	1	69c Vitamin D

Num	Variable	Type	Len	Label
311	bg169d	Char	1	69d Vitamin E
312	bg169e	Char	1	69e Other vitamins
313	bg169es	Char	35	69e Specify other vitamins
314	bg170	Char	1	70 Supplements in past 3 months
315	bg170a	Char	1	70a Alpha-lipoic acid
316	bg170b	Char	1	70b Alpha-tocopherol
317	bg170c	Char	1	70c Beta-carotene
318	bg170d	Char	1	70d Betaine
319	bg170e	Char	1	70e Calcium
320	bg170f	Char	1	70f Carnitine
321	bg170g	Char	1	70g Chondroitin
322	bg170h	Char	1	70h Choline + methionine...+ pyridoxine
323	bg170i	Char	1	70i Cod liver oil
324	bg170j	Char	1	70j Coenzyme Q
325	bg170k	Char	1	70k Dichloroacetate
326	bg170l	Char	1	70l Echinacea
327	bg170m	Char	1	70m Fish oil
328	bg170n	Char	1	70n Flax seed oil
329	bg170o	Char	1	70o Garlic
330	bg170p	Char	1	70p Ginkgo biloba
331	bg170q	Char	1	70q Glucosamine
332	bg170r	Char	1	70r Lecithin
333	bg170s	Char	1	70s Magnesium
334	bg170t	Char	1	70t Milk thistle
335	bg170u	Char	1	70u N-acetyl-cysteine
336	bg170v	Char	1	70v Potassium
337	bg170w	Char	1	70w S-adenylmethionine
338	bg170x	Char	1	70x Saw palmetto
339	bg170y	Char	1	70y Selenium
340	bg170z	Char	1	70z St John's Wort
341	bg170aa	Char	1	70aa Taurine
342	bg170ab	Char	1	70ab Zinc picolinate
343	bg170ac	Char	1	70ac Other supplements
344	bg170acs	Char	35	70ac Specify other supplements
345	bg170ad	Char	1	70ad Other supplements
346	bg170ads	Char	35	70ad Specify other supplements
347	bg171	Char	1	71 Other medications/supplements
348	bg171a	Char	1	71a Demeclocycline
349	bg171b	Char	1	71b Divalproex

Num	Variable	Type	Len	Label
350	bg171c	Char	1	71c Doxycycline
351	bg171d	Char	1	71d Isotretinoin
352	bg171e	Char	1	71e Levothyroxine
353	bg171f	Char	1	71f Liothyronine
354	bg171g	Char	1	71g Methotrexate
355	bg171h	Char	1	71h Minocycline
356	bg171i	Char	1	71i Oxytetracycline
357	bg171j	Char	1	71j Penicillamine
358	bg171k	Char	1	71k Tetracycline
359	bg171l	Char	1	71l Trientine hydrochloride
360	bg171m	Char	1	71m Ursodeoxycholic acid
361	bg171n	Char	1	71n Valproate sodium
362	bg171o	Char	1	71o Valproic acid
363	bg171p	Char	1	71p Other
364	bg171ps	Char	35	71p Specify other
365	bg171q	Char	1	71q Other
366	bg171qs	Char	35	71q Specify other
367	bg171r	Char	1	71r Other
368	bg171rs	Char	35	71r Specify other
369	formdate	Num	8	4 Form date (days since enrollment)
370	bg116	Num	8	16 Diagnosis date: fatty liver dx or cirrhosis (days since enrollment)
371	bg120	Num	8	20 Date of liver biopsy (days since enrollment)

Data Set Name: bg2.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	bg208	Char	1	8 Relatives have liver disease
6	bg208a	Char	1	8a Relatives died of liver disease
7	bg209a	Char	1	9a Alcohol related liver disease
8	bg209b	Char	1	9b Viral hepatitis
9	bg209c	Char	1	9c Alpha-1 antitrypsin deficiency
10	bg209d	Char	1	9d Wilson's disease
11	bg209e	Char	1	9e Glycogen storage disease
12	bg209f	Char	1	9f Iron overload
13	bg209g	Char	1	9g Fatty liver disease (NAFLD, NASH)
14	bg209h	Char	1	9h Type of liver disease unknown
15	bg209i	Char	1	9i Other liver disease
16	bg209is	Char	35	9i Specify other liver disease
17	bg210	Char	1	10 Relatives have cirrhosis
18	bg211	Char	1	11 Is cause of cirrhosis unknown
19	bg212	Char	1	12 Relatives have diabetes (Type 1 or 2)
20	bg213	Char	1	13 Relatives have obesity
21	bg214	Char	1	14 Relatives have atrophy of body fat
22	bg215	Char	1	15 Relatives have problem with cholesterol
23	bg217a	Char	1	17a Symptoms for liver disease
24	bg217b	Char	1	17b Evaluated for another illness
25	bg217c	Char	1	17c Routine or insurance physical exam
26	bg217d	Char	1	17d Blood donation
27	bg217e	Char	1	17e Other
28	bg217es	Char	35	17e Specify other type of evaluation
29	bg218a	Char	1	18a Liver biopsy
30	bg218b	Char	1	18b Imaging studies
31	bg218c	Char	1	18c Elevated aminotransferases
32	bg218d	Char	1	18d Other
33	bg218ds	Char	35	18d Specify other test
34	bg219	Char	1	19 Liver biopsy for Database 2
35	bg221	Char	1	21 Will patient have biopsy during screening
36	bg222	Char	1	22 Liver imaging study in past 6 mos
37	bg223	Char	4	23 Patient's birthweight

Num	Variable	Type	Len	Label
38	bg224	Char	1	24 Weight pattern over past 5 years
39	bg225	Char	3	25 Current weight (lbs)
40	bg226	Char	3	26 Most ever weighed
41	bg227	Char	2	27 Age when weighed the most
42	bg228	Char	1	28 Patient age 18 or older
43	bg229	Char	3	29 Least patient has weighed
44	bg230	Char	2	30 Age when weighed the least
45	bg231	Char	1	31 Weigh more than one year ago
46	bg232	Char	3	32 lbs more that patient weighs
47	bg233	Char	1	33 Weigh less than one year ago
48	bg234	Char	3	34 lbs less that patient weighs
49	bg235	Char	1	35 Try to lose or gain weight
50	bg236	Char	1	36 Which did patient try to do
51	bg237	Char	1	37 Patient age 12 or older
52	bg238	Char	1	38 Ever smoked cigarettes
53	bg239	Char	1	39 Smoked cigarettes regularly
54	bg240	Char	2	40 Age first started smoking
55	bg241	Char	2	41 Age stopped smoking
56	bg242	Char	3	42 Number cigarettes smoked per day
57	bg243	Char	1	43 Is patient female
58	bg244	Char	1	44 Has menarche occurred
59	bg245	Char	2	45 Age at menarche
60	bg246	Char	1	46 Characterize menstrual history
61	bg247	Char	1	47 Patient post-menopausal
62	bg248	Char	2	48 Age at menopause
63	bg249a	Char	1	49a Diabetes type 1
64	bg249b	Char	1	49b Diabetes type 2
65	bg249c	Char	1	49c Gestational diabetes
66	bg249d	Char	1	49d Hepatitis B
67	bg249e	Char	1	49e Hepatitis C
68	bg249f	Char	1	49f Autoimmune hepatitis
69	bg249g	Char	1	49g Autoimmune cholestatic liver disorder
70	bg249h	Char	1	49h Wilson's disease
71	bg249i	Char	1	49i Alpha-1-antitrypsin (A1AT) deficiency
72	bg249j	Char	1	49j Glycogen storage disease
73	bg249k	Char	1	49k Iron overload
74	bg249l	Char	1	49l Polycystic liver disease
75	bg249m	Char	1	49m Drug induced liver disease
76	bg249n	Char	1	49n Gilbert's syndrome

Num	Variable	Type	Len	Label
77	bg249o	Char	1	49o Esophageal or gastric varices on endoscopy
78	bg249p	Char	1	49p Bleeding from varices
79	bg249q	Char	1	49q Other gastrointestinal bleeding
80	bg249r	Char	1	49r Ascites
81	bg249s	Char	1	49s Edema
82	bg249t	Char	1	49t Hepatic encephalopathy
83	bg249u	Char	1	49u Portal hypertension
84	bg249v	Char	1	49v Hepatorenal syndrome
85	bg249w	Char	1	49w Hepatopulmonary syndrome
86	bg249x	Char	1	49x Short bowel syndrome
87	bg249y	Char	1	49y Hemophilia
88	bg249z	Char	1	49z HIV positive
89	bg249aa	Char	1	49aa Systemic autoimmune disorder
90	bg249ab	Char	1	49ab Endocrine disease
91	bg249ac	Char	1	49ac Hepatocellular carcinoma
92	bg249ad	Char	1	49ad Other malignancy
93	bg249ae	Char	1	49ae Peripheral neuropathy
94	bg249af	Char	1	49af Seizure disorder or epilepsy
95	bg249ag	Char	1	49ag Drug allergies
96	bg249ah	Char	1	49ah Hypothyroidism
97	bg249ai	Char	1	49ai Hypertension
98	bg249aj	Char	1	49aj Cerebrovascular disease
99	bg249ak	Char	1	49ak Dysbetalipoproteinemia
100	bg249al	Char	1	49al Chronic cholestasis
101	bg249am	Char	1	49am Hyperlipidemia
102	bg249an	Char	1	49an Pancreatitis
103	bg249ao	Char	1	49ao Cholelithiasis
104	bg249ap	Char	1	49ap Coronary artery disease
105	bg249aq	Char	1	49aq Elevated uric acid
106	bg249ar	Char	1	49ar Kidney disease
107	bg249as	Char	1	49as Polycystic ovary syndrome
108	bg249at	Char	1	49at Sleep apnea
109	bg249au	Char	1	49au Dermatologic disorders
110	bg249av	Char	1	49av Myopathy
111	bg249aw	Char	1	49aw Myositis
112	bg249ax	Char	1	49ax Major depression
113	bg249ay	Char	1	49ay Schizophrenia
114	bg249az	Char	1	49az Bipolar disorder
115	bg249ba	Char	1	49ba Obsessive compulsive disorder

Num	Variable	Type	Len	Label
116	bg249bb	Char	1	49bb Severe anxiety or personality disorder
117	bg249bc	Char	1	49bc None of the above
118	bg250a	Char	1	50a Stapling of the stomach
119	bg250b	Char	1	50b Jejunioileal bypass
120	bg250c	Char	1	50c Biliopancreatic diversion
121	bg250d	Char	1	50d Other GI or bariatric surgery
122	bg250ds	Char	35	50d Specify other surgery
123	bg250e	Char	1	50e None of the above
124	bg251a	Char	1	51a Liver transplant ever
125	bg251b	Char	1	51b Organ/limb/bone marrow transplant ever
126	bg252	Char	1	52 Received TPN 6 months prior to liver bx
127	bg253	Char	1	53 Undergoing evaluation for bariatric surgery
128	bg254	Char	1	54 Symptoms of sleep apnea
129	bg255	Char	1	55 Antidiabetic medications
130	bg255a	Char	1	55a Acarbose
131	bg255b	Char	1	55b Acetohexamide
132	bg255c	Char	1	55c Chlorpropamide
133	bg255d	Char	1	55d Glimepiride
134	bg255e	Char	1	55e Glipizide
135	bg255f	Char	1	55f Glyburide
136	bg255g	Char	1	55g Insulin
137	bg255h	Char	1	55h Metformin
138	bg255i	Char	1	55i Miglitol
139	bg255j	Char	1	55j Nateglinide
140	bg255k	Char	1	55k Pioglitazone
141	bg255l	Char	1	55l Repaglinide
142	bg255m	Char	1	55m Rosiglitazone
143	bg255n	Char	1	55n Tolazamide
144	bg255o	Char	1	55o Tolbutamide
145	bg255p	Char	1	55p Other antidiabetic drug
146	bg255ps	Char	35	55p Specify other antidiabetic drug
147	bg256	Char	1	56 Alcohol abuse medications
148	bg256a	Char	1	56a Chlordiazepoxide
149	bg256b	Char	1	56b Clorazepate dipotassium
150	bg256c	Char	1	56c Diazepam
151	bg256d	Char	1	56d Disulfiram
152	bg256e	Char	1	56e Hydroxyzine pamoate
153	bg256f	Char	1	56f Naltrexone hydrochloride
154	bg256g	Char	1	56g Other alcohol abuse drug

Num	Variable	Type	Len	Label
155	bg256gs	Char	35	56g Specify other alcohol abuse drug
156	bg257	Char	1	57 Antihyperlipidemic medications
157	bg257a	Char	1	57a Atorvastatin
158	bg257b	Char	1	57b Colestipol hydrochloride
159	bg257c	Char	1	57c Clofibrate
160	bg257d	Char	1	57d Gemfibrozil
161	bg257e	Char	1	57e Fenofibrate
162	bg257f	Char	1	57f Fluvastatine sodium
163	bg257g	Char	1	57g Lovastatin
164	bg257h	Char	1	57h Nicotinic acid
165	bg257i	Char	1	57i Pravastatin sodium
166	bg257j	Char	1	57j Rosuvastatin
167	bg257k	Char	1	57k Simvastatin
168	bg257l	Char	1	57l Other antihyperlipidemic drug
169	bg257ls	Char	35	57l Specify other antihyperlipidemic drug
170	bg258	Char	1	58 Antiobesity medications
171	bg258a	Char	1	58a Dexfenfluramine hydrochloride
172	bg258b	Char	1	58b Fenfluramine hydrochloride
173	bg258c	Char	1	58c Methamphetamine hydrochloride
174	bg258d	Char	1	58d Orlistat
175	bg258e	Char	1	58e Phendimetrazine tartrate
176	bg258f	Char	1	58f Phentermine hydrochloride
177	bg258g	Char	1	58g Sibutramine hydrochloride monohydrate
178	bg258h	Char	1	58h Other antiobesity drug
179	bg258hs	Char	35	58h Specify other antiobesity drug
180	bg259	Char	1	59 NSAID or aspirin medications
181	bg259a	Char	1	59a Acetaminophen
182	bg259b	Char	1	59b Aspirin - 325 mg
183	bg259c	Char	1	59c Aspirin - 81 mg
184	bg259d	Char	1	59d Celecoxib
185	bg259e	Char	1	59e Ibuprofen
186	bg259f	Char	1	59f Indomethacin
187	bg259g	Char	1	59g Naproxen
188	bg259h	Char	1	59h Rofecoxib
189	bg259i	Char	1	59i Other NSAID or aspirin drug
190	bg259is	Char	35	59i Specify other NSAID or aspirin drug
191	bg259j	Char	1	59j Other NSAID or aspirin drug
192	bg259js	Char	35	59j Specify other NSAID or aspirin drug
193	bg260	Char	1	60 Opiates containing acetaminophen

Num	Variable	Type	Len	Label
194	bg260a	Char	1	60a Darvocet
195	bg260b	Char	1	60b Esgic - Plus
196	bg260c	Char	1	60c Fioricet
197	bg260d	Char	1	60d Lorcet
198	bg260e	Char	1	60e Lortab
199	bg260f	Char	1	60f Norco
200	bg260g	Char	1	60g Percocet
201	bg260h	Char	1	60h Talacen
202	bg260i	Char	1	60i Tylenol #3
203	bg260j	Char	1	60j Tylenol #4
204	bg260k	Char	1	60k Tylox
205	bg260l	Char	1	60l Vicodin
206	bg260m	Char	1	60m Wygesic
207	bg260n	Char	1	60n Other opiate w/acetaminophen
208	bg260ns	Char	35	60n Specify other opiate w/acetaminophen
209	bg261	Char	1	61 Histamine H2 receptor antagonists
210	bg261a	Char	1	61a Cimetidine
211	bg261b	Char	1	61b Esomeprazole magnesium
212	bg261c	Char	1	61c Famotidine
213	bg261d	Char	1	61d Lansoprazole
214	bg261e	Char	1	61e Nizatidine
215	bg261f	Char	1	61f Omeprazole
216	bg261g	Char	1	61g Ranitidine
217	bg261h	Char	1	61h Ranitidine bismuth citrate
218	bg261i	Char	1	61i Antacids
219	bg261is	Char	35	61i Specify antacids
220	bg261j	Char	1	61j Other
221	bg261js	Char	35	61j Specify other
222	bg262	Char	1	62 Anticoagulant/antiplatelet medications
223	bg262a	Char	1	62a Clopidogrel
224	bg262b	Char	1	62b Dipyridamole
225	bg262c	Char	1	62c Heparin
226	bg262d	Char	1	62d Ticlopidide
227	bg262e	Char	1	62e Warfarin
228	bg262f	Char	1	62f Other anticoagulant
229	bg262fs	Char	35	62f Specify other anticoagulant
230	bg263	Char	1	63 Systemic corticosteroids
231	bg263a	Char	1	63a Betamethasone sodium
232	bg263b	Char	1	63b Cortisol

Num	Variable	Type	Len	Label
233	bg263c	Char	1	63c Cortisone
234	bg263d	Char	1	63d Dexamethasone
235	bg263e	Char	1	63e Hydrocortisone
236	bg263f	Char	1	63f Methylprednisolone
237	bg263g	Char	1	63g Prednisolone
238	bg263h	Char	1	63h Prednisone
239	bg263i	Char	1	63i Triamcinolone
240	bg263j	Char	1	63j Other systemic corticosteroids
241	bg263js	Char	35	63j Specify other systemic corticosteroids
242	bg264	Char	1	64 Cardiovascular/antihypertensive medications
243	bg264a	Char	1	64a Amiodarone
244	bg264b	Char	1	64b Amlodipine besylate
245	bg264c	Char	1	64c Atenolol
246	bg264d	Char	1	64d Benazepril
247	bg264e	Char	1	64e Captopril
248	bg264f	Char	1	64f Clonidine
249	bg264g	Char	1	64g Digoxin
250	bg264h	Char	1	64h Diltiazem
251	bg264i	Char	1	64i Doxazosin
252	bg264j	Char	1	64j Enalapril
253	bg264k	Char	1	64k Felodipine
254	bg264l	Char	1	64l Furosemide
255	bg264m	Char	1	64m Hydrochlorothiazide
256	bg264n	Char	1	64n Hydrochlorothiazide + triamterene
257	bg264o	Char	1	64o Lisinopril
258	bg264p	Char	1	64p Losartan potassium
259	bg264q	Char	1	64q Losartan potassium with hydrochlorothiazide
260	bg264r	Char	1	64r Metoprolol
261	bg264s	Char	1	64s Nifedipine
262	bg264t	Char	1	64t Perhexiline maleate
263	bg264u	Char	1	64u Propranolol
264	bg264v	Char	1	64v Quinapril
265	bg264w	Char	1	64w Terazosin
266	bg264x	Char	1	64x Timolol maleate
267	bg264y	Char	1	64y Valsartan
268	bg264z	Char	1	64z Verapamil
269	bg264aa	Char	1	64aa Other cardiovascular/antihypertensive
270	bg264aas	Char	35	64aa Specify other cardiovascular/antihypertensive
271	bg264ab	Char	1	64ab Other cardiovascular/antihypertensive

Num	Variable	Type	Len	Label
272	bg264abs	Char	35	64ab Specify other cardiovascular/antihypertensive
273	bg265	Char	1	65 Estrogen, progestin, HRT medications
274	bg265a	Char	1	65a Conjugated estrogen
275	bg265b	Char	1	65b Diethylstilbestrol and methyltestosterone
276	bg265c	Char	1	65c Esterified estrogen
277	bg265d	Char	1	65d Estradiol
278	bg265e	Char	1	65e Ethinyl estradiol
279	bg265f	Char	1	65f Fluoxymesterone
280	bg265g	Char	1	65g Levonorgestrel
281	bg265h	Char	1	65h Medroxyprogesterone
282	bg265i	Char	1	65i Megestrol
283	bg265j	Char	1	65j Methyltestosterone
284	bg265k	Char	1	65k Nandrolone
285	bg265l	Char	1	65l Norethindrone
286	bg265m	Char	1	65m Norgestrel
287	bg265n	Char	1	65n Oral contraceptives
288	bg265o	Char	1	65o Oxandrolone
289	bg265p	Char	1	65p Oxymetholone
290	bg265q	Char	1	65q Progesterone
291	bg265r	Char	1	65r Raloxifene
292	bg265s	Char	1	65s Tamoxifen
293	bg265t	Char	1	65t Other hormone replacements
294	bg265ts	Char	35	65t Specify other hormone replacements
295	bg265u	Char	1	65u Other hormone replacements
296	bg265us	Char	35	65u Specify other hormone replacements
297	bg266	Char	1	66 Allergy or asthma medications
298	bg266a	Char	1	66a Beclomethasone dipropionate
299	bg266b	Char	1	66b Budesonide
300	bg266c	Char	1	66c Fluticasone propionate
301	bg266d	Char	1	66d Loratadine
302	bg266e	Char	1	66e Mometasone furoate
303	bg266f	Char	1	66f Triamcinolone acetonide
304	bg266g	Char	1	66g Other asthma medications
305	bg266gs	Char	35	66g Specify other asthma medications
306	bg266h	Char	1	66h Other asthma medications
307	bg266hs	Char	35	66h Specify other asthma medications
308	bg267	Char	1	67 Taken a multivitamin in past 6 months
309	bg268	Char	1	68 Taken other vitamins in past 6 months
310	bg269a	Char	1	69a Vitamin B

Num	Variable	Type	Len	Label
311	bg269b	Char	1	69b Vitamin C
312	bg269c	Char	1	69c Vitamin D
313	bg269d	Char	1	69d Vitamin E
314	bg269e	Char	1	69e Other vitamins
315	bg269es	Char	35	69e Specify other vitamins
316	bg270	Char	1	70 Supplements in past 3 months
317	bg270a	Char	1	70a Alpha-lipoic acid
318	bg270b	Char	1	70b Alpha-tocopherol
319	bg270c	Char	1	70c Beta-carotene
320	bg270d	Char	1	70d Betaine
321	bg270e	Char	1	70e Calcium
322	bg270f	Char	1	70f Carnitine
323	bg270g	Char	1	70g Chondroitin
324	bg270h	Char	1	70h Choline + methionine...+ pyridoxine
325	bg270i	Char	1	70i Cod liver oil
326	bg270j	Char	1	70j Coenzyme Q
327	bg270k	Char	1	70k Dichloroacetate
328	bg270l	Char	1	70l Echinacea
329	bg270m	Char	1	70m Fish oil
330	bg270n	Char	1	70n Flax seed oil
331	bg270o	Char	1	70o Garlic
332	bg270p	Char	1	70p Ginkgo biloba
333	bg270q	Char	1	70q Glucosamine
334	bg270r	Char	1	70r Lecithin
335	bg270s	Char	1	70s Magnesium
336	bg270t	Char	1	70t Milk thistle
337	bg270u	Char	1	70u N-acetyl-cysteine
338	bg270v	Char	1	70v Potassium
339	bg270w	Char	1	70w S-adenylmethionine
340	bg270x	Char	1	70x Saw palmetto
341	bg270y	Char	1	70y Selenium
342	bg270z	Char	1	70z St John's Wort
343	bg270aa	Char	1	70aa Taurine
344	bg270ab	Char	1	70ab Zinc picolinate
345	bg270ac	Char	1	70ac Other supplements
346	bg270acs	Char	35	70ac Specify other supplements
347	bg270ad	Char	1	70ad Other supplements
348	bg270ads	Char	35	70ad Specify other supplements
349	bg271	Char	1	71 Other medications/supplements

Num	Variable	Type	Len	Label
350	bg271a	Char	1	71a Demeclocycline
351	bg271b	Char	1	71b Divalproex
352	bg271c	Char	1	71c Doxycycline
353	bg271d	Char	1	71d Isotretinoin
354	bg271e	Char	1	71e Levothyroxine
355	bg271f	Char	1	71f Liothyronine
356	bg271g	Char	1	71g Methotrexate
357	bg271h	Char	1	71h Minocycline
358	bg271i	Char	1	71i Oxytetracycline
359	bg271j	Char	1	71j Penicillamine
360	bg271k	Char	1	71k Tetracycline
361	bg271l	Char	1	71l Trientine hydrochloride
362	bg271m	Char	1	71m Ursodeoxycholic acid
363	bg271n	Char	1	71n Valproate sodium
364	bg271o	Char	1	71o Valproic acid
365	bg271p	Char	1	71p Other
366	bg271ps	Char	35	71p Specify other
367	bg271q	Char	1	71q Other
368	bg271qs	Char	35	71q Specify other
369	bg271r	Char	1	71r Other
370	bg271rs	Char	35	71r Specify other
371	formdate	Num	8	4 Form date (days since enrollment)
372	bg216	Num	8	16 Diagnosis date: fatty liver dx or cirrhosis (days since enrollment)
373	bg220	Num	8	20 Date of liver biopsy (days since enrollment)

Data Set Name: bq.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	bq108a	Char	1	08a Water- How often do you drink
6	bq108b	Char	1	08b Water- How much each time
7	bq109a	Char	1	09a 100 percent fruit juice- How often do you drink
8	bq109b	Char	1	09b 100 percent fruit juice- How much each time
9	bq110a	Char	1	10a Sweetened fruit juice- How often do you drink
10	bq110b	Char	1	10b Sweetened fruit juice- How much each time
11	bq111a	Char	1	11a Whole milk- How often do you drink
12	bq111b	Char	1	11b Whole milk- How much each time
13	bq112a	Char	1	12a Reduced fat milk- How often do you drink
14	bq112b	Char	1	12b Reduced fat milk- How much each time
15	bq113a	Char	1	13a Low fat/Fat free milk- How often do you drink
16	bq113b	Char	1	13b Low fat/Fat free milk- How much each time
17	bq114a	Char	1	14a Soft drinks regular- How often do you drink
18	bq114b	Char	1	14b Soft drinks regular- How much each time
19	bq115a	Char	1	15a Diet soft drinks- How often do you drink
20	bq115b	Char	1	15b Diet soft drinks- How much each time
21	bq116a	Char	1	16a Sweetened tea- How often do you drink
22	bq116b	Char	1	16b Sweetened tea- How much each time
23	bq117a	Char	1	17a Tea/coffee with cream/sugar- How often do you drink
24	bq117b	Char	1	17b Tea/coffee with cream/sugar- How much each time
25	bq118a	Char	1	18a Tea/coffee black- How often do you drink
26	bq118b	Char	1	18b Tea/coffee black- How much each time
27	bq119a	Char	1	19a Beer, ale, wine, coolers- How often do you drink
28	bq119b	Char	1	19b Beer, ale, wine, coolers- How much each time
29	bq120a	Char	1	20a Hard liquor- How often do you drink
30	bq120b	Char	1	20b Hard liquor- How much each time
31	bq121a	Char	1	21a Wine (red or white)- How often do you drink
32	bq121b	Char	1	21b Wine (red or white)- How much each time
33	bq122a	Char	1	22a Energy/sports drinks- How often do you drink
34	bq122b	Char	1	22b Energy/sports drinks- How much each time
35	bq123a	Char	1	23a Other drinks- How often do you drink
36	bq123b	Char	1	23b Other drinks- How much each time

Num	Variable	Type	Len	Label
37	bq123	Char	35	23 Specify other drinks
38	formdate	Num	8	4 Form date (days since enrollment)

Data Set Name: cg1.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	cg108	Char	1	8 DNA banked for previous NASH CRN study
6	cg110	Char	1	10 Consent to current genetic NAFLD research
7	cg111	Char	1	11 Consent to future genetic NAFLD research
8	cg112	Char	1	12 Consent to future genetic non NAFLD research
9	cg114	Char	1	14 Consented to collection of blood for DNA banking
10	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: cg2.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	cg208	Char	1	8 DNA banked for previous NASH CRN study
6	cg210	Char	1	10 Consent to current genetic NAFLD research
7	cg211	Char	1	11 Consent to future genetic NAFLD research
8	cg212	Char	1	12 Consent to future genetic non NAFLD research
9	cg214	Char	1	14 Consented to collection of blood for DNA banking
10	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: cr2.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	2	7 Study
5	cr210	Char	2	10 Biopsy length
6	cr211	Char	1	11 Tissue adequate
7	cr213a	Char	1	13a Steatosis grade
8	cr213b	Char	1	13b Steatosis location
9	cr213c	Char	1	13c Type of macrovesicular steatosis
10	cr213d	Char	1	13d Microvesicular steatosis, contiguous
11	cr214a	Char	1	14a Amount of lobular inflammation
12	cr214b	Char	1	14b Microgranulomas seen
13	cr214c	Char	1	14c Large lipogranulomas seen
14	cr214d	Char	1	14d Amount of portal, chronic inflammation
15	cr215a	Char	1	15a Ballooning
16	cr215b	Char	1	15b Severe ballooning present
17	cr215c	Char	1	15c Classical balloon cells present
18	cr215d	Char	1	15d Acidophil bodies
19	cr215e	Char	1	15e Pigmented macrophages
20	cr215f	Char	1	15f Megamitochondria
21	cr216	Char	1	16 Mallory bodies
22	cr217	Char	1	17 Glycogen nuclei
23	cr218	Char	1	18 Glycogenosis
24	cr219a	Char	2	19a Fibrosis stage
25	cr219b	Char	1	19b Perisinusoidal fibrosis stage
26	cr219c	Char	1	19c Predominant location of fibrosis
27	cr220a	Char	1	20a Hepatocellular iron grade
28	cr220b	Char	1	20b Hepatocellular iron distribution
29	cr220c	Char	1	20c Nonhepatocellular iron grade
30	cr220d	Char	1	20d Nonhepatocellular iron distribution
31	cr221	Char	2	21 Is this steatohepatitis
32	cr222	Char	1	22 Is cirrhosis present
33	cr223	Char	1	23 Is this cryptogenic cirrhosis
34	cr224a	Char	1	24a Mallory-Denk bodies (r/o cholate stasis)
35	cr224b	Char	1	24b Perisinusoidal fibrosis away from septa
36	cr224c	Char	1	24c Hepatocyte ballooning
37	cr224d	Char	1	24d Megamitochondria

Num	Variable	Type	Len	Label
38	cr224e	Char	1	24e Other
39	formdate	Num	8	4 Form date (days since enrollment)
40	cr208	Num	8	8 Date of biopsy (days since enrollment)

Data Set Name: cr3.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	2	7 Study
5	cr310	Char	2	10 Biopsy length
6	cr311	Char	1	11 Tissue adequate
7	cr313a	Char	1	13a Steatosis grade
8	cr313b	Char	1	13b Steatosis location
9	cr313c	Char	1	13c Type of macrovesicular steatosis
10	cr313d	Char	1	13d Microvesicular steatosis, contiguous
11	cr314a	Char	1	14a Amount of lobular inflammation
12	cr314d	Char	1	14d Amount of portal, chronic inflammation
13	cr315a	Char	1	15a Ballooning
14	cr315b	Char	1	15b Severe ballooning present
15	cr315c	Char	1	15c Classical balloon cells present
16	cr315d	Char	1	15d Acidophil bodies
17	cr315f	Char	1	15f Megamitochondria
18	cr316	Char	1	16 Mallory-Denk bodies
19	cr318	Char	1	18 Glycogenosis
20	cr319a	Char	2	19a Fibrosis stage
21	cr319b	Char	1	19b Perisinusoidal fibrosis stage
22	cr319c	Char	1	19c Predominant location of fibrosis
23	cr320a	Char	1	20a Hepatocellular iron grade
24	cr320b	Char	1	20b Hepatocellular iron distribution
25	cr320c	Char	1	20c Nonhepatocellular iron grade
26	cr320d	Char	1	20d Nonhepatocellular iron distribution
27	cr321	Char	2	21 Is this steatohepatitis
28	formdate	Num	8	4 Form date (days since enrollment)
29	cr308	Num	8	8 Date of biopsy (days since enrollment)

Data Set Name: cr4.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	2	7 Study
5	cr410	Char	2	10 Biopsy length
6	cr411	Char	1	11 Adequate tissue
7	cr413a	Char	1	13a Steatosis grade
8	cr413b	Char	1	13b Steatosis location
9	cr413c	Char	1	13c Type of microvesicular steatosis
10	cr413d	Char	1	13d Microvesicular steatosis, contiguous
11	cr414a	Char	1	14a Amount of lobular inflammation
12	cr414b	Char	1	14b Amount of portal, chronic inflammation
13	cr414c	Char	1	14c Amount of portal, chronic inflammation expanded
14	cr414d	Char	1	14d Amount of periportal inflammation
15	cr414e	Char	1	14e Ductular reaction
16	cr415a	Char	1	15a Ballooning
17	cr415b	Char	1	15b Severe ballooning
18	cr415c	Char	1	15c Classical balloon cells present
19	cr415d	Char	1	15d Mallory-Denk bodies
20	cr416a	Char	2	16a Fibrosis stage
21	cr416b	Char	1	16b Perisinusoidal fibrosis grade
22	cr416c	Char	1	16c Predominant location of fibrosis
23	cr417a	Char	1	17a Hepatocellular iron grade
24	cr417b	Char	1	17b Non-hepatocellular iron grade
25	cr418	Char	2	18 Steatohepatitis
26	cr419	Char	1	19 Features of regression
27	formdate	Num	8	4 Form date (days since enrollment)
28	cr408	Num	8	8 Date of biopsy (days since enrollment)

Data Set Name: hi.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	hi109	Char	4	9 Visit code of last followup medical history
6	hi110	Char	1	10 Liver biopsy since last visit
7	hi111	Char	1	11 Abdominal imaging study since last visit
8	hi112	Char	1	12 Patient age 12 or older
9	hi113	Char	1	13 How often had alcoholic drink
10	hi114	Char	1	14 Number of drinks on a typical day when drinking
11	hi115	Char	1	15 How often had 6 or more drinks
12	hi116	Char	1	16 Smoked cigarettes regularly since last visit
13	hi117	Char	1	17 Number of days smoked per week
14	hi118	Char	3	18 Number cigarettes smoked per day
15	hi119a	Char	1	19a Diabetes type 1
16	hi119b	Char	1	19b Diabetes type 2
17	hi119c	Char	1	19c Gestational diabetes
18	hi119d	Char	1	19d Hepatitis B
19	hi119e	Char	1	19e Hepatitis C
20	hi119f	Char	1	19f Autoimmune hepatitis
21	hi119g	Char	1	19g Autoimmune cholestatic liver disorder
22	hi119h	Char	1	19h Wilson's disease
23	hi119i	Char	1	19i Alpha-1 antitrypsin deficiency
24	hi119j	Char	1	19j Iron overload
25	hi119k	Char	1	19k Drug induced liver disease
26	hi119l	Char	1	19l Gilbert's syndrome
27	hi119m	Char	1	19m Esophageal or gastric varices on endoscopy
28	hi119n	Char	1	19n Bleeding from varices
29	hi119o	Char	1	19o Other gastrointestinal bleeding
30	hi119p	Char	1	19p Ascites
31	hi119q	Char	1	19q Edema
32	hi119r	Char	1	19r Hepatic encephalopathy
33	hi119s	Char	1	19s Portal hypertension
34	hi119t	Char	1	19t Hepatorenal syndrome
35	hi119u	Char	1	19u Hepatopulmonary syndrome
36	hi119v	Char	1	19v Short bowel syndrome
37	hi119w	Char	1	19w Hemophilia

Num	Variable	Type	Len	Label
38	hi119x	Char	1	19x Systemic autoimmune disorder
39	hi119y	Char	1	19y Endocrine disease
40	hi119z	Char	1	19z Hepatocellular carcinoma
41	hi119aa	Char	1	19aa Other malignancy
42	hi119ab	Char	1	19ab Peripheral neuropathy
43	hi119ac	Char	1	19ac Seizure disorder or epilepsy
44	hi119ad	Char	1	19ad Drug allergies
45	hi119ae	Char	1	19ae Hypothyroidism
46	hi119af	Char	1	19af Hypertension
47	hi119ag	Char	1	19ag Cerebrovascular disease
48	hi119ah	Char	1	19ah Dysbetalipoproteinemia
49	hi119ai	Char	1	19ai Hyperlipidemia
50	hi119aj	Char	1	19aj Pancreatitis
51	hi119ak	Char	1	19ak Cholelithiasis
52	hi119al	Char	1	19al Coronary artery disease
53	hi119am	Char	1	19am Elevated uric acid
54	hi119an	Char	1	19an Kidney disease
55	hi119ao	Char	1	19ao Polycystic ovary syndrome
56	hi119ap	Char	1	19ap Sleep apnea
57	hi119aq	Char	1	19aq Dermatologic disorders
58	hi119ar	Char	1	19ar Myopathy
59	hi119as	Char	1	19as Myositis
60	hi119at	Char	1	19at Major depression
61	hi119au	Char	1	19au Schizophrenia
62	hi119av	Char	1	19av Bipolar disorder
63	hi119aw	Char	1	19aw Obsessive compulsive disorder
64	hi119ax	Char	1	19ax Severe anxiety or personality disorder
65	hi119ay	Char	1	19ay None of the above
66	hi120a	Char	1	20a Stapling of the stomach
67	hi120b	Char	1	20b Jejunioileal bypass
68	hi120c	Char	1	20c Biliopancreatic diversion
69	hi120d	Char	1	20d Other GI or bariatric surgery
70	hi120ds	Char	35	20d Specify other
71	hi120e	Char	1	20e None of the above
72	hi121	Char	1	21 Received organ/limb/bone marrow transplant
73	hi122	Char	1	22 Received TPN since last visit
74	hi123	Char	1	23 Undergoing evaluation for bariatric surgery
75	hi124	Char	1	24 Been hospitalized since the last visit
76	hi125	Char	1	25 Had any serious health problem not already reported

Num	Variable	Type	Len	Label
77	hi126	Char	1	26 Used any antidiabetic medications
78	hi126a	Char	1	26a Acarbose
79	hi126b	Char	1	26b Acetohexamide
80	hi126c	Char	1	26c Chlorpropamide
81	hi126d	Char	1	26d Glimepiride
82	hi126e	Char	1	26e Glipizide
83	hi126f	Char	1	26f Glyburide
84	hi126g	Char	1	26g Insulin
85	hi126h	Char	1	26h Metformin
86	hi126i	Char	1	26i Miglitol
87	hi126j	Char	1	26j Nateglinide
88	hi126k	Char	1	26k Pioglitazone
89	hi126l	Char	1	26l Repaglinide
90	hi126m	Char	1	26m Rosiglitazone
91	hi126n	Char	1	26n Tolazamide
92	hi126o	Char	1	26o Tolbutamide
93	hi126p	Char	1	26p Other
94	hi126ps	Char	35	26p Specify other
95	hi127	Char	1	27 Alcohol abuse medication
96	hi128	Char	1	28 Antihyperlipidemic medications
97	hi128a	Char	1	28a Atorvastatin
98	hi128b	Char	1	28b Colestipol hydrochloride
99	hi128c	Char	1	28c Clofibrate
100	hi128d	Char	1	28d Gemfibrozil
101	hi128e	Char	1	28e Fenofibrate
102	hi128f	Char	1	28f Fluvastatine sodium
103	hi128g	Char	1	28g Lovastatin
104	hi128h	Char	1	28h Nicotinic acid
105	hi128i	Char	1	28i Pravastatin sodium
106	hi128j	Char	1	28j Rosuvastatin
107	hi128k	Char	1	28k Simvastatin
108	hi128l	Char	1	28l Other
109	hi128ls	Char	35	28l Specify other
110	hi129	Char	1	29 Antiobesity medication since last visit
111	hi130	Char	1	30 Systemic corticosteroids since last visit
112	hi131	Char	1	31 Cardiovascular/antihypertensives
113	hi131a	Char	1	31a Amiodarone
114	hi131b	Char	1	31b Amlodipine besylate
115	hi131c	Char	1	31c Atenolol

Num	Variable	Type	Len	Label
116	hi131d	Char	1	31d Benazepril
117	hi131e	Char	1	31e Captopril
118	hi131f	Char	1	31f Clonidine
119	hi131g	Char	1	31g Digoxin
120	hi131h	Char	1	31h Diltiazem
121	hi131i	Char	1	31i Doxazosin
122	hi131j	Char	1	31j Enalapril
123	hi131k	Char	1	31k Felodipine
124	hi131l	Char	1	31l Furosemide
125	hi131m	Char	1	31m Hydrochlorothiazide
126	hi131n	Char	1	31n Hydrochlorothiazide + triamterene
127	hi131o	Char	1	31o Lisinopril
128	hi131p	Char	1	31p Losartan potassium
129	hi131q	Char	1	31q Losartan potassium with hydrochlorothiazide
130	hi131r	Char	1	31r Metoprolol
131	hi131s	Char	1	31s Nifedipine
132	hi131t	Char	1	31t Perhexiline maleate
133	hi131u	Char	1	31u Propranolol
134	hi131v	Char	1	31v Quinapril
135	hi131w	Char	1	31w Terazosin
136	hi131x	Char	1	31x Timolol maleate
137	hi131y	Char	1	31y Valsartan
138	hi131z	Char	1	31z Verapamil
139	hi131aa	Char	1	31aa Other
140	hi131aas	Char	31	31aa Specify other
141	hi131ab	Char	1	31ab Other
142	hi131abs	Char	31	31ab Specify other
143	hi132	Char	1	32 Hormones since last visit
144	hi132a	Char	1	32a Oral contraceptives
145	hi132b	Char	1	32b Raloxifene
146	hi132c	Char	1	32c Tamoxifen
147	hi132d	Char	1	32d Other
148	hi132ds	Char	35	32d Specify other
149	hi133	Char	1	33 Vitamins or supplements
150	hi133a	Char	1	33a Multivitamin
151	hi133b	Char	1	33b Vitamin B
152	hi133c	Char	1	33c Vitamin C
153	hi133d	Char	1	33d Vitamin D
154	hi133e	Char	1	33e Vitamin E

Num	Variable	Type	Len	Label
155	hi133f	Char	1	33f Alpha-lipoic acid
156	hi133g	Char	1	33g Alpha-tocopherol
157	hi133h	Char	1	33h Beta-carotene
158	hi133i	Char	1	33i Betaine
159	hi133j	Char	1	33j Calcium
160	hi133k	Char	1	33k Carnitine
161	hi133l	Char	1	33l Choline + methionine...+ pyridoxine
162	hi133m	Char	1	33m Cod liver oil
163	hi133n	Char	1	33n Coenzyme Q
164	hi133o	Char	1	33o Echinacea
165	hi133p	Char	1	33p Fish oil
166	hi133q	Char	1	33q Flax seed oil
167	hi133r	Char	1	33r Garlic
168	hi133s	Char	1	33s Ginko biloba
169	hi133t	Char	1	33t Glucosamine
170	hi133u	Char	1	33u Lecithin
171	hi133v	Char	1	33v Milk thistle
172	hi133w	Char	1	33w N-acetyl-cysteine
173	hi133x	Char	1	33x S-adenylmethionine
174	hi133y	Char	1	33y Saw palmetto
175	hi133z	Char	1	33z Selenium
176	hi133aa	Char	1	33aa St John's Wort
177	hi133ab	Char	1	33ab Taurine
178	hi133ac	Char	1	33ac Zinc picolinate
179	hi133ad	Char	1	33ad Other
180	hi133ads	Char	35	33ad Specify other
181	hi134	Char	1	34 Other supplements/medications
182	hi134a	Char	1	34a Demeclocycline
183	hi134b	Char	1	34b Divalproex
184	hi134c	Char	1	34c Doxycycline
185	hi134d	Char	1	34d Isotretinoin
186	hi134e	Char	1	34e Levothyroxine
187	hi134f	Char	1	34f Liothyronine
188	hi134g	Char	1	34g Methotrexate
189	hi134h	Char	1	34h Minocycline
190	hi134i	Char	1	34i Oxytetracycline
191	hi134j	Char	1	34j Tetracycline
192	hi134k	Char	1	34k Ursodeoxycholic acid
193	hi134l	Char	1	34l Valproate sodium

Num	Variable	Type	Len	Label
194	hi134m	Char	1	34m Valproic acid
195	hi134n	Char	1	34n Other
196	hi134ns	Char	35	34n Specify other
197	hi134o	Char	1	34o Other
198	hi134os	Char	35	34o Specify other
199	hi135	Char	1	35 Aspirin, anti-inflammatory
200	hi136a	Char	1	36a Rate the patient's ascites
201	hi136b	Char	1	36b Rate the patient's hepatic encephalopathy
202	formdate	Num	8	4 Form date (days since enrollment)
203	hi108	Num	8	8 Date of last HI form (days since enrollment)

Data Set Name: id.sas7bdat

Num	Variable	Type	Len	Label
1	nash	Char	4	Original NASH ID number
2	id	Char	4	Limited Use Dataset ID number
3	subject_id	Char	8	NIDDK Subject ID
4	repos_id	Char	8	Repository ID
5	study	Char	1	Study number
6	study_txt	Char	3	Study - DB2

Data Set Name: ie1.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ie113a	Char	1	13a General anesthesia
6	ie113b	Char	1	13b Study procedure related event
7	ie113c	Char	1	13c Drug interaction
8	ie113d	Char	1	13d Worsening of co-morbid illness
9	ie113e	Char	1	13e Hypoglycemia
10	ie113f	Char	1	13f New-onset diabetes
11	ie113g	Char	1	13g Pregnancy
12	ie113h	Char	1	13h Other type of event
13	ie114a	Char	1	14a Emergency room visit
14	ie114b	Char	1	14b Hospitalization
15	ie114c	Char	1	14c Infectious episode
16	ie114d	Char	1	14d Surgical intervention
17	ie116	Char	1	16 No short name for AE
18	ie116s	Char	35	16 Short name for AE
19	ie116t	Char	35	16 Short name for AE
20	ie117	Char	1	17 Severity grade
21	formdate	Num	8	4 Form date (days since enrollment)
22	ie112	Num	8	12, Date event started (days since enrollment)
23	ie118	Num	8	18, Date event resolved (days since enrollment)

Data Set Name: ie2.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ie213a	Char	1	13a General anesthesia
6	ie213b	Char	1	13b Study procedure related event
7	ie213c	Char	1	13c Drug interaction
8	ie213d	Char	1	13d Worsening of co-morbid illness
9	ie213e	Char	1	13e Hypoglycemia
10	ie213f	Char	1	13f New-onset diabetes
11	ie213g	Char	1	13g Pregnancy
12	ie213h	Char	1	13h Cirrhosis
13	ie213i	Char	1	13i Hepatocellular carcinoma
14	ie213j	Char	1	13j Other type of event
15	ie214a	Char	1	14a Emergency room visit
16	ie214b	Char	1	14b Hospitalization
17	ie214c	Char	1	14c Infectious episode
18	ie214d	Char	1	14d Surgical intervention
19	ie216s	Char	50	16 Short name for AE
20	ie217	Char	1	17 Severity grade
21	formdate	Num	8	4 Form date (days since enrollment)
22	ie212	Num	8	12, Date event started (days since enrollment)
23	ie218	Num	8	18, Date event resolved (days since enrollment)

Data Set Name: ie3.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ie313a	Char	1	13a General anesthesia
6	ie313b	Char	1	13b Study procedure related event
7	ie313c	Char	1	13c Drug interaction
8	ie313d	Char	1	13d Worsening of co-morbid illness
9	ie313e	Char	1	13e Hypoglycemia
10	ie313f	Char	1	13f New-onset diabetes
11	ie313g	Char	1	13g Pregnancy
12	ie313h	Char	1	13h Cirrhosis
13	ie313i	Char	1	13i Hepatocellular carcinoma
14	ie313j	Char	1	13j Other type of event
15	ie314a	Char	1	14a Emergency room visit
16	ie314b	Char	1	14b Hospitalization
17	ie314c	Char	1	14c Infectious episode
18	ie314d	Char	1	14d Surgical intervention
19	ie316	Char	1	16 Event listed in NCI's CTCAE
20	ie316as	Char	50	16a Specify short name of event
21	ie316at	Char	50	16a Specify short name of event
22	ie317	Char	1	17 Severity grade
23	formdate	Num	8	4 Form date (days since enrollment)
24	ie312	Num	8	12, Date event started (days since enrollment)
25	ie318	Num	8	18, Date event resolved (days since enrollment)

Data Set Name: ir.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ir108	Char	1	8 Upper abdominal ultrasound in past 6 mos/since last visit
6	ir110a	Char	1	10a Fatty infiltration
7	ir110b	Char	1	10b Cirrhosis
8	ir110c	Char	1	10c Hepatomegaly
9	ir110d	Char	1	10d Hepatic mass
10	ir110e	Char	1	10e Intrahepatic biliary dilatation
11	ir110f	Char	1	10f Extrahepatic biliary dilatation
12	ir110g	Char	1	10g Gallstones/cholelithiasis
13	ir110h	Char	1	10h Gall bladder polyps
14	ir110i	Char	1	10i Cholecystectomy
15	ir110j	Char	1	10j Splenomegaly
16	ir110k	Char	1	10k Ascites
17	ir110l	Char	1	10l Other features of portal hypertension
18	ir110ls	Char	35	10l Specify features of portal hypertension
19	ir110lt	Char	35	10l Specify features of portal hypertension
20	ir110m	Char	1	10m Other abnormality
21	ir110ms	Char	35	10m Specify other abnormality
22	ir110mt	Char	35	10m Specify other abnormality
23	ir110n	Char	1	10n None of the above
24	ir111	Char	1	11 Upper abdominal CT scan in past 6 mos/since last visit
25	ir113a	Char	1	13a Fatty infiltration
26	ir113b	Char	1	13b Cirrhosis
27	ir113c	Char	1	13c Hepatomegaly
28	ir113d	Char	1	13d Hepatic mass
29	ir113e	Char	1	13e Hepatic hemangioma
30	ir113f	Char	1	13f Hepatic cyst
31	ir113g	Char	1	13g Intrahepatic biliary dilation
32	ir113h	Char	1	13h Extrahepatic biliary dilation
33	ir113i	Char	1	13i Gallstones/cholelithiasis
34	ir113j	Char	1	13j Gall bladder polyps
35	ir113k	Char	1	13k Cholecystectomy
36	ir113l	Char	1	13l Splenomegaly
37	ir113m	Char	1	13m Ascites

Num	Variable	Type	Len	Label
38	ir113n	Char	1	13n Other features of portal hypertension
39	ir113ns	Char	35	13n Specify features of portal hypertension
40	ir113nt	Char	35	13n Specify features of portal hypertension
41	ir113o	Char	1	13o Other abnormality
42	ir113os	Char	35	13o Specify other abnormality
43	ir113ot	Char	35	13o Specify other abnormality
44	ir113p	Char	1	13p None of the above
45	ir114	Char	1	14 Upper abdominal MRI in past 6 mos/since last visit
46	ir116a	Char	1	16a Fatty infiltration
47	ir116b	Char	1	16b Cirrhosis
48	ir116c	Char	1	16c Hepatomegaly
49	ir116d	Char	1	16d Hepatic mass
50	ir116e	Char	1	16e Hepatic hemangioma
51	ir116f	Char	1	16f Hepatic cyst
52	ir116g	Char	1	16g Intrahepatic biliary dilation
53	ir116h	Char	1	16h Extrahepatic biliary dilation
54	ir116i	Char	1	16i Splenomegaly
55	ir116j	Char	1	16j Ascites
56	ir116k	Char	1	16k Other features of portal hypertension
57	ir116ks	Char	35	16k Specify features of portal hypertension
58	ir116kt	Char	35	16k Specify features of portal hypertension
59	ir116l	Char	1	16l Other abnormality
60	ir116ls	Char	35	16l Specify other abnormality
61	ir116lt	Char	35	16l Specify other abnormality
62	ir116m	Char	1	16m None of the above
63	formdate	Num	8	4 Form date (days since enrollment)
64	ir109	Num	8	9, Date of most recent upper abdominal ultrasound (days since enrollment)
65	ir112	Num	8	12, Date of most recent upper abdominal CT scan (days since enrollment)
66	ir115	Num	8	15, Date of most recent upper abdominal MRI (days since enrollment)

Data Set Name: ld.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ld108	Char	1	8 Ever had at least one drink of alcohol...
6	ld109a	Char	2	9a Age when began regular drinking: years
7	ld109b	Char	2	9b Age when began regular drinking: months
8	ld110a	Char	2	10a Age at end of first stage: years
9	ld110b	Char	2	10b Age at end of first stage: months
10	ld111	Char	2	11 No. drinks on average per occasion
11	ld112	Char	2	12 No. days per month at this level
12	ld113	Char	2	13 Maximum number of drinks in one day
13	ld114a	Char	3	14 Beer (%)
14	ld114b	Char	3	14 Liquor (%)
15	ld114c	Char	3	14 Wine (%)
16	ld115	Char	1	15 Usual style of drinking
17	ld116	Char	1	16 Events that altered usual drinking habits
18	ld117a	Char	1	17a Marital/family
19	ld117b	Char	1	17b Work
20	ld117c	Char	1	17c School
21	ld117d	Char	1	17d Medical
22	ld117e	Char	1	17e Residence
23	ld117f	Char	1	17f Legal/jail
24	ld117g	Char	1	17g Financial
25	ld117h	Char	1	17h Peer group
26	ld117i	Char	1	17i Drug abuse
27	ld117j	Char	1	17j Treatment
28	ld117k	Char	1	17k Death
29	ld117l	Char	1	17l Emotional
30	ld118a	Char	3	18 Drink alone (%)
31	ld118b	Char	3	18 Drink with others (%)
32	ld119a	Char	3	19 Drink in the morning (%)
33	ld119b	Char	3	19 Drink in the afternoon (%)
34	ld119c	Char	3	19 Drink in the evening (%)
35	ld120	Char	1	20 Events in life changed drinking habits
36	ld121a	Char	2	21a Age at the beginning of phase: years
37	ld121b	Char	2	21b Age at the beginning of phase: months

Num	Variable	Type	Len	Label
38	ld122a	Char	2	22a Age at end of this phase: years
39	ld122b	Char	2	22b Age at end of this phase: months
40	ld123	Char	2	23 No. drinks on average per occasion
41	ld124	Char	2	24 No. days per month at this level
42	ld125	Char	2	25 Maximum number of drinks in one day
43	ld126a	Char	3	26 Beer (%)
44	ld126b	Char	3	26 Liquor (%)
45	ld126c	Char	3	26 Wine (%)
46	ld127	Char	1	27 Usual style of drinking
47	ld128	Char	1	28 Events that altered usual drinking habits
48	ld129a	Char	1	29a Marital/family
49	ld129b	Char	1	29b Work
50	ld129c	Char	1	29c School
51	ld129d	Char	1	29d Medical
52	ld129e	Char	1	29e Residence
53	ld129f	Char	1	29f Legal/jail
54	ld129g	Char	1	29g Financial
55	ld129h	Char	1	29h Peer group
56	ld129i	Char	1	29i Drug abuse
57	ld129j	Char	1	29j Treatment
58	ld129k	Char	1	29k Death
59	ld129l	Char	1	29l Emotional
60	ld130a	Char	3	30 Drink alone (%)
61	ld130b	Char	3	30 Drink with others (%)
62	ld131a	Char	3	31 Drink in the morning (%)
63	ld131b	Char	3	31 Drink in the afternoon (%)
64	ld131c	Char	3	31 Drink in the evening (%)
65	ld132	Char	1	32 Events in life changed drinking habits
66	ld133a	Char	2	33a Age at the beginning of phase: years
67	ld133b	Char	2	33b Age at the beginning of phase: months
68	ld134a	Char	2	34a Age at end of this phase: years
69	ld134b	Char	2	34b Age at end of this phase: months
70	ld135	Char	2	35 No. drinks on average per occasion
71	ld136	Char	2	36 No. days per month at this level
72	ld137	Char	2	37 Maximum number of drinks in one day
73	ld138a	Char	3	38 Beer (%)
74	ld138b	Char	3	38 Liquor (%)
75	ld138c	Char	3	38 Wine (%)
76	ld139	Char	1	39 Usual style of drinking

Num	Variable	Type	Len	Label
77	ld140	Char	1	40 Events that altered usual drinking habits
78	ld141a	Char	1	41a Marital/family
79	ld141b	Char	1	41b Work
80	ld141c	Char	1	41c School
81	ld141d	Char	1	41d Medical
82	ld141e	Char	1	41e Residence
83	ld141f	Char	1	41f Legal/jail
84	ld141g	Char	1	41g Financial
85	ld141h	Char	1	41h Peer group
86	ld141i	Char	1	41i Drug abuse
87	ld141j	Char	1	41j Treatment
88	ld141k	Char	1	41k Death
89	ld141l	Char	1	41l Emotional
90	ld142a	Char	3	42 Drink alone (%)
91	ld142b	Char	3	42 Drink with others (%)
92	ld143a	Char	3	43 Drink in the morning (%)
93	ld143b	Char	3	43 Drink in the afternoon (%)
94	ld143c	Char	3	43 Drink in the evening (%)
95	ld144	Char	1	44 Events that altered usual drinking habits
96	ld145a	Char	2	45a Age at the beginning of phase: years
97	ld145b	Char	2	45b Age at the beginning of phase: months
98	ld146a	Char	2	46a Age at end of this phase: years
99	ld146b	Char	2	46b Age at end of this phase: months
100	ld147	Char	2	47 No. drinks on average per occasion
101	ld148	Char	2	48 No. days per month at this level
102	ld149	Char	2	49 Maximum number of drinks in one day
103	ld150a	Char	3	50 Beer (%)
104	ld150b	Char	3	50 Liquor (%)
105	ld150c	Char	3	50 Wine (%)
106	ld151	Char	1	51 Usual style of drinking
107	ld152	Char	1	52 Events that altered usual drinking habits
108	ld153a	Char	1	53a Marital/family
109	ld153b	Char	1	53b Work
110	ld153c	Char	1	53c School
111	ld153d	Char	1	53d Medical
112	ld153e	Char	1	53e Residence
113	ld153f	Char	1	53f Legal/jail
114	ld153g	Char	1	53g Financial
115	ld153h	Char	1	53h Peer group

Num	Variable	Type	Len	Label
116	ld153i	Char	1	53i Drug abuse
117	ld153j	Char	1	53j Treatment
118	ld153k	Char	1	53k Death
119	ld153l	Char	1	53l Emotional
120	ld154a	Char	3	54 Drink alone (%)
121	ld154b	Char	3	54 Drink with others (%)
122	ld155a	Char	3	55 Drink in the morning (%)
123	ld155b	Char	3	55 Drink in the afternoon (%)
124	ld155c	Char	3	55 Drink in the evening (%)
125	ld156	Char	1	56 Events that altered usual drinking habits
126	ld157a	Char	2	57a Age at the beginning of phase: years
127	ld157b	Char	2	57b Age at the beginning of phase: months
128	ld158a	Char	2	58a Age at end of this phase: years
129	ld158b	Char	2	58b Age at end of this phase: months
130	ld159	Char	2	59 No. drinks on average per occasion
131	ld160	Char	2	60 No. days per month at this level
132	ld161	Char	2	61 Maximum number of drinks in one day
133	ld162a	Char	3	62 Beer (%)
134	ld162b	Char	3	62 Liquor (%)
135	ld162c	Char	3	62 Wine (%)
136	ld163	Char	1	63 Usual style of drinking
137	ld164	Char	1	64 Events that altered usual drinking habits
138	ld165a	Char	1	65a Marital/family
139	ld165b	Char	1	65b Work
140	ld165c	Char	1	65c School
141	ld165d	Char	1	65d Medical
142	ld165e	Char	1	65e Residence
143	ld165f	Char	1	65f Legal/jail
144	ld165g	Char	1	65g Financial
145	ld165h	Char	1	65h Peer group
146	ld165i	Char	1	65i Drug abuse
147	ld165j	Char	1	65j Treatment
148	ld165k	Char	1	65k Death
149	ld165l	Char	1	65l Emotional
150	ld166a	Char	3	66 Drink alone (%)
151	ld166b	Char	3	66 Drink with others (%)
152	ld167a	Char	3	67 Drink in the morning (%)
153	ld167b	Char	3	67 Drink in the afternoon (%)
154	ld167c	Char	3	67 Drink in the evening (%)

Num	Variable	Type	Len	Label
155	ld168	Char	1	68 Events that altered usual drinking habits
156	ld169a	Char	2	69a Age at the beginning of phase: years
157	ld169b	Char	2	69b Age at the beginning of phase: months
158	ld170a	Char	2	70a Age at end of this phase: years
159	ld170b	Char	2	70b Age at end of this phase: months
160	ld171	Char	2	71 No. drinks on average per occasion
161	ld172	Char	2	72 No. days per month at this level
162	ld173	Char	2	73 Maximum number of drinks in one day
163	ld174a	Char	3	74 Beer (%)
164	ld174b	Char	3	74 Liquor (%)
165	ld174c	Char	3	74 Wine (%)
166	ld175	Char	1	75 Usual style of drinking
167	ld176	Char	1	76 Events that altered usual drinking habits
168	ld177a	Char	1	77a Marital/family
169	ld177b	Char	1	77b Work
170	ld177c	Char	1	77c School
171	ld177d	Char	1	77d Medical
172	ld177e	Char	1	77e Residence
173	ld177f	Char	1	77f Legal/jail
174	ld177g	Char	1	77g Financial
175	ld177h	Char	1	77h Peer group
176	ld177i	Char	1	77i Drug abuse
177	ld177j	Char	1	77j Treatment
178	ld177k	Char	1	77k Death
179	ld177l	Char	1	77l Emotional
180	ld178a	Char	3	78 Drink alone (%)
181	ld178b	Char	3	78 Drink with others (%)
182	ld179a	Char	3	79 Drink in the morning (%)
183	ld179b	Char	3	79 Drink in the afternoon (%)
184	ld179c	Char	3	79 Drink in the evening (%)
185	ld180	Char	1	80 Additional phases
186	formdate	Num	8	4 Form date (days since enrollment)

Data Set Name: lr1.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	lr109	Num	8	9 Hemoglobin (g/dL)
6	lr110	Num	8	10 Hematocrit (%)
7	lr111	Num	8	11 Mean corpuscular volume (MCV) (fL)
8	lr112	Num	8	12 White blood cell count (WBC) (10 ^3 cells/uL)
9	lr113	Num	8	13 Platelet count (cells/mm3)
10	lr115	Num	8	15 Blood urea nitrogen (BUN) (mg/dL)
11	lr116	Num	8	16 Creatinine (mg/dL)
12	lr117	Num	8	17 Uric acid (mg/dL)
13	lr119	Num	8	19 HbA1c (%)
14	lr121	Num	8	21 Bilirubin (total) (mg/dL)
15	lr122	Num	8	22 Bilirubin (conjugated or direct) (mg/dL)
16	lr123	Num	8	23 Aspartate aminotransferase (AST) (U/L)
17	lr123a	Num	8	23a AST upper limit of normal (U/L)
18	lr124	Num	8	24 Alanine aminotransferase (ALT) (U/L)
19	lr124a	Num	8	24a ALT upper limit of normal (U/L)
20	lr125	Num	8	25 Alkaline phosphatase (U/L)
21	lr125a	Num	8	25a Alkaline phosphatase ULN (U/L)
22	lr126	Num	8	26 Gamma glutamyl transferase (GGT) (U/L)
23	lr127	Num	8	27 Total protein (g/dL)
24	lr128	Num	8	28 Albumin (g/dL)
25	lr129	Num	8	29 Prothrombin time (PT) (sec)
26	lr130	Num	8	30 International normalized ratio (INR)
27	lr131	Num	8	31 Fasting for at least 8 hours
28	lr132a	Num	8	32a Triglycerides (mg/dL)
29	lr132b	Num	8	32b Total cholesterol (mg/dL)
30	lr132c	Num	8	32c HDL cholesterol (mg/dL)
31	lr132d	Num	8	32d LDL cholesterol (mg/dL)
32	lr133	Num	8	33 Fasting for at least 8 hours
33	lr134a	Num	8	34a Serum glucose (mg/dL)
34	lr134b	Num	8	34b Serum insulin (uU/mL)
35	formdate	Num	8	4 Form date (days since enrollment)
36	lr108	Num	8	8 Date of blood draw for CBC (days since enrollment)
37	lr114	Num	8	14 Date of blood draw for chemistries (days since enrollment)

Num	Variable	Type	Len	Label
38	lr118	Num	8	18 Date of blood draw for HbA1c (days since enrollment)
39	lr120	Num	8	20 Date of blood draw for liver panel (days since enrollment)
40	lr132	Num	8	32 Blood draw date for fasting lipid profile (days since enrollment)
41	lr134	Num	8	34 Blood draw date for fasting glucose and insulin (days since enrollment)

Data Set Name: lr2.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	lr109	Num	8	9 Hemoglobin (g/dL)
6	lr110	Num	8	10 Hematocrit (%)
7	lr111	Num	8	11 Mean corpuscular volume (MCV) (fL)
8	lr112	Num	8	12 White blood cell count (WBC) (10 ^3 cells/uL)
9	lr213	Num	8	13 Platelet count (cells/mm3)
10	lr215	Num	8	15 Blood urea nitrogen (BUN) (mg/dL)
11	lr216	Num	8	16 Creatinine (mg/dL)
12	lr217	Num	8	17 Uric acid (mg/dL)
13	lr219	Num	8	19 HbA1c (%)
14	lr221	Num	8	21 Bilirubin (total) (mg/dL)
15	lr222	Num	8	22 Bilirubin (conjugated or direct) (mg/dL)
16	lr223	Num	8	23 Aspartate aminotransferase (AST) (U/L)
17	lr223a	Num	8	23a AST upper limit of normal (U/L)
18	lr224	Num	8	24 Alanine aminotransferase (ALT) (U/L)
19	lr224a	Num	8	24a ALT upper limit of normal (U/L)
20	lr225	Num	8	25 Alkaline phosphatase (U/L)
21	lr225a	Num	8	25a Alkaline phosphatase ULN (U/L)
22	lr226	Num	8	26 Gamma glutamyl transferase (GGT) (U/L)
23	lr227	Num	8	27 Total protein (g/dL)
24	lr228	Num	8	28 Albumin (g/dL)
25	lr229	Num	8	29 Prothrombin time (PT) (sec)
26	lr230	Num	8	30 International normalized ratio (INR)
27	lr231	Num	8	31 Fasting for at least 8 hours
28	lr232a	Num	8	32a Triglycerides (mg/dL)
29	lr232b	Num	8	32b Total cholesterol (mg/dL)
30	lr232c	Num	8	32c HDL cholesterol (mg/dL)
31	lr232d	Num	8	32d LDL cholesterol (mg/dL)
32	lr233	Num	8	33 Fasting for at least 8 hours
33	lr234a	Num	8	34a Serum glucose (mg/dL)
34	lr234b	Num	8	34b Serum insulin (uU/mL)
35	formdate	Num	8	4 Form date (days since enrollment)
36	lr208	Num	8	8 Date of blood draw for CBC (days since enrollment)
37	lr214	Num	8	14 Date of blood draw for chemistries (days since enrollment)

Num	Variable	Type	Len	Label
38	lr218	Num	8	18 Date of blood draw for HbA1c (days since enrollment)
39	lr220	Num	8	20 Date of blood draw for liver panel (days since enrollment)
40	lr232	Num	8	32 Blood draw date for fasting lipid profile (days since enrollment)
41	lr234	Num	8	34 Blood draw date for fasting glucose and insulin (days since enrollment)

Data Set Name: lr3.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	lr309	Num	8	9 Hemoglobin (g/dL)
6	lr310	Num	8	10 Hematocrit (%)
7	lr311	Num	8	11 Mean corpuscular volume (MCV) (fL)
8	lr312a	Num	8	12a White blood cell count (WBC) (10 ³ cells/uL)
9	lr312b	Num	8	12b Red blood cell count (RBC) (cells/mcL)
10	plate	Num	8	13 Platelet count (cells/mm3)
11	lr315	Num	8	15 Blood urea nitrogen (BUN) (mg/dL)
12	lr316	Num	8	16 Creatinine (mg/dL)
13	lr317	Num	8	17 Uric acid (mg/dL)
14	lr319	Num	8	19 HbA1c (%)
15	lr321	Num	8	21 Bilirubin (total) (mg/dL)
16	lr322	Num	8	22 Bilirubin (conjugated or direct) (mg/dL)
17	lr323	Num	8	23 Aspartate aminotransferase (AST) (U/L)
18	lr323a	Num	8	23a AST upper limit of normal (U/L)
19	lr324	Num	8	24 Alanine aminotransferase (ALT) (U/L)
20	lr324a	Num	8	24a ALT upper limit of normal (U/L)
21	lr325	Num	8	25 Alkaline phosphatase (U/L)
22	lr325a	Num	8	25a Alkaline phosphatase ULN (U/L)
23	lr326	Num	8	26 Gamma glutamyl transferase (GGT) (U/L)
24	lr327	Num	8	27 Total protein (g/dL)
25	lr328	Num	8	28 Albumin (g/dL)
26	lr329	Num	8	29 Prothrombin time (PT) (sec)
27	lr330	Num	8	30 International normalized ratio (INR)
28	lr331	Num	8	31 Fasting for at least 8 hours
29	lr332a	Num	8	32a Triglycerides (mg/dL)
30	lr332b	Num	8	32b Total cholesterol (mg/dL)
31	lr332c	Num	8	32c HDL cholesterol (mg/dL)
32	lr332d	Num	8	32d LDL cholesterol (mg/dL)
33	lr333	Num	8	33 Fasting for at least 8 hours
34	lr334a	Num	8	34a Serum glucose (mg/dL)
35	lr334b	Num	8	34b Serum insulin (uU/mL)
36	formdate	Num	8	4 Form date (days since enrollment)
37	lr308	Num	8	8 Date of blood draw for CBC (days since enrollment)

Num	Variable	Type	Len	Label
38	lr314	Num	8	14 Date of blood draw for chemistries (days since enrollment)
39	lr318	Num	8	18 Date of blood draw for HbA1c (days since enrollment)
40	lr320	Num	8	20 Date of blood draw for liver panel (days since enrollment)
41	lr332	Num	8	32 Blood draw date for fasting lipid profile (days since enrollment)
42	lr334	Num	8	34 Blood draw date for fasting glucose and insulin (days since enrollment)

Data Set Name: Is1.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	Is108	Char	1	8 Continuing from DB, PIVENS, or TONIC
6	Is109	Char	1	9 New labs available from continuing patient
7	Is110a	Char	1	10a Hepatitis B surface antigen
8	Is110b	Char	1	10b Hepatitis B core total antibody
9	Is110c	Char	1	10c Hepatitis B surface antibody
10	Is110d	Char	1	10d Hepatitis C antibody
11	Is110e	Char	1	10e Hepatitis C virus RNA
12	Is110f	Char	1	10f Hepatitis A virus antibody
13	Is111a	Num	8	11a Iron (ug/dL)
14	Is111b	Num	8	11b Total iron binding capacity (ug/dL)
15	Is111c	Num	8	11c Ferritin (ng/ml)
16	Is112	Char	1	12 Hepatic iron index available
17	Is113	Num	8	13 Hepatic iron index (umol/g/year)
18	Is114	Char	1	14 Abnormality in iron overload
19	Is116	Char	1	16 Type of abnormality
20	Is117	Char	1	17 Patient 40 years or younger
21	Is119	Num	8	19 Ceruloplasmin (mg/dL)
22	Is119a	Num	8	19a Ceruloplasmin ULN (mg/dL)
23	Is119b	Num	8	19b Ceruloplasmin LLN (mg/dL)
24	Is121	Num	8	21 Alpha-1 antitrypsin concentration (mg/dL)
25	Is121a	Num	8	21a AIAT ULN (mg/dL)
26	Is121b	Num	8	21b AIAT LLN (mg/dL)
27	Is122a	Char	1	22a Pi Z heterozygote
28	a1atpizz	Char	1	22b Pi ZZ homozygote
29	Is123	Char	1	23 AIAT deficiency contributing to liver dx
30	Is125	Char	1	25 Antinuclear antibody (ANA)
31	Is125a	Num	8	25a ANA titer
32	Is125b	Num	8	25b ANA units
33	asma	Char	1	26 Antismooth muscle antibody (ASMA)
34	Is126a	Num	8	26a ASMA titer
35	Is126b	Num	8	26b ASMA units
36	Is127	Char	1	27 Antimitochondrial antibody (AMA)
37	Is127a	Num	8	27a AMA titer

Num	Variable	Type	Len	Label
38	Is127b	Num	8	27b AMA units
39	Is128	Char	1	Patient 18 or older
40	Is129	Char	1	29 Lymphocytotoxic antibody (LCA)
41	Is129a	Num	8	29a LCA titer
42	Is129b	Num	8	29b LCA units
43	Is130	Char	1	30 Liver-kidney microsomal antigen (LKM1)
44	Is130a	Num	8	30a LKM1 titer
45	Is130b	Num	8	30b LKM1 units
46	Is131	Char	1	31 Rheumatoid factor (RF)
47	Is131a	Num	8	31a RF units
48	Is132	Char	1	32 Immunoglobulin levels available
49	Is134	Num	8	34 IgA
50	Is135	Num	8	35 IgG
51	Is136	Num	8	36 IgM
52	Is138	Num	8	38 Thyroid stimulating hormone (TSH)
53	formdate	Num	8	4 Form date (days since randomization)
54	Is110	Num	8	10 Date of blood draw for serological assays (days since enrollment)
55	Is111	Num	8	11 Date of blood draw for iron overload scening (days since enrollment)
56	Is115	Num	8	15 Date of blood draw for HFE gene analysis (days since enrollment)
57	Is118	Num	8	18 Date of blood draw for ceruloplasmin (days since enrollment)
58	Is120	Num	8	20 Date of blood draw for alpha-1 antitrypsin (days since enrollment)
59	Is124	Num	8	24 Date of blood draw for autoantibody tests (days since enrollment)
60	Is133	Num	8	33 Date of blood draw for immunoglobulin levels (days since enrollment)
61	Is137	Num	8	37 Date of blood draw for thyroid stimulating hormone (TSH) (days since enrollment)

Data Set Name: ls2.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ls208	Char	1	8 Continuing from DB, PIVENS, or TONIC
6	ls209	Char	1	9 New labs available from continuing patient
7	ls210a	Char	1	10a Hepatitis B surface antigen
8	ls210b	Char	1	10b Hepatitis B core total antibody
9	ls210c	Char	1	10c Hepatitis B surface antibody
10	ls210d	Char	1	10d Hepatitis C antibody
11	ls210e	Char	1	10e Hepatitis C virus RNA
12	ls210f	Char	1	10f Hepatitis A virus antibody
13	ls211a	Num	8	11a Iron (ug/dL)
14	ls211b	Num	8	11b Total iron binding capacity (ug/dL)
15	ls211c	Num	8	11c Ferritin (ng/ml)
16	ls212	Char	1	12 Hepatic iron index available
17	ls213	Num	8	13 Hepatic iron index (umol/g/year)
18	ls214	Char	1	14 Abnormality in iron overload
19	ls216	Char	1	16 Type of abnormality
20	ls217	Char	1	17 Patient 40 years or younger
21	ls217a	Char	1	17a Ceruloplasmin value available
22	ls219	Num	8	19 Ceruloplasmin (mg/dL)
23	ls219a	Num	8	19a Ceruloplasmin ULN (mg/dL)
24	ls219b	Num	8	19b Ceruloplasmin LLN (mg/dL)
25	ls221	Num	8	21 Alpha-1 antitrypsin concentration (mg/dL)
26	ls221a	Num	8	21a AIAT ULN (mg/dL)
27	ls221b	Num	8	21b AIAT LLN (mg/dL)
28	ls222a	Char	1	22a Pi Z heterozygote
29	a1atpizz	Char	1	22b Pi ZZ homozygote
30	ls223	Char	1	23 AIAT deficiency contributing to liver dx
31	ls225	Char	1	25 Antinuclear antibody (ANA)
32	ls225a	Num	8	25a ANA titer
33	ls225b	Num	8	25b ANA units
34	asma	Char	1	26 Antismooth muscle antibody (ASMA)
35	ls226a	Num	8	26a ASMA titer
36	ls226b	Num	8	26b ASMA units
37	ls227	Char	1	27 Antimitochondrial antibody (AMA)

Num	Variable	Type	Len	Label
38	Is227a	Num	8	27a AMA titer
39	Is227b	Num	8	27b AMA units
40	Is228	Char	1	Patient 18 or older
41	Is229	Char	1	29 Lymphocytotoxic antibody (LCA)
42	Is229a	Num	8	29a LCA titer
43	Is229b	Num	8	29b LCA units
44	Is230	Char	1	30 Liver-kidney microsomal antigen (LKM1)
45	Is230a	Num	8	30a LKM1 titer
46	Is230b	Num	8	30b LKM1 units
47	Is231	Char	1	31 Rheumatoid factor (RF)
48	Is231a	Num	8	31a RF units
49	Is232	Char	1	32 Immunoglobulin levels available
50	Is234	Num	8	34 IgA
51	Is235	Num	8	35 IgG
52	Is236	Num	8	36 IgM
53	Is238	Num	8	38 Thyroid stimulating hormone (TSH)
54	formdate	Num	8	4 Form date (days since enrollment)
55	Is210	Num	8	10 Date of blood draw for serological assays (days since enrollment)
56	Is211	Num	8	11 Date of blood draw for iron overload sceening (days since enrollment)
57	Is215	Num	8	15 Date of blood draw for HFE gene analysis (days since enrollment)
58	Is218	Num	8	18 Date of blood draw for ceruloplasmin (days since enrollment)
59	Is220	Num	8	20 Date of blood draw for alpha-1 antitrypsin (days since enrollment)
60	Is224	Num	8	24 Date of blood draw for autoantibody tests (days since enrollment)
61	Is233	Num	8	33 Date of blood draw for immunoglobulin levels (days since enrollment)
62	Is237	Num	8	37 Date of blood draw for thyroid stimulating hormone (TSH) (days since enrollment)

Data Set Name: ls3.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	ls308	Char	1	8 Continuing from DB, PIVENS, or TONIC
6	ls309	Char	1	9 New labs available from continuing patient
7	ls310a	Char	1	10a Hepatitis B surface antigen
8	ls310b	Char	1	10b Hepatitis B core total antibody
9	ls310c	Char	1	10c Hepatitis B surface antibody
10	ls310d	Char	1	10d Hepatitis C antibody
11	ls310e	Char	1	10e Hepatitis C virus RNA
12	ls310f	Char	1	10f Hepatitis A virus antibody
13	ls311a	Num	8	11a Iron (ug/dL)
14	ls311b	Num	8	11b Total iron binding capacity (ug/dL)
15	ls311c	Num	8	11c Ferritin (ng/ml)
16	ls312	Char	1	12 Hepatic iron index available
17	ls313	Num	8	13 Hepatic iron index (umol/g/year)
18	ls314	Char	1	14 Abnormality in iron overload
19	ls316	Char	1	16 Type of abnormality
20	ls317	Char	1	17 Patient 40 years or younger
21	ls317a	Char	1	17a Ceruloplasmin value available
22	ls319	Num	8	19 Ceruloplasmin (mg/dL)
23	ls319a	Num	8	19a Ceruloplasmin ULN (mg/dL)
24	ls319b	Num	8	19b Ceruloplasmin LLN (mg/dL)
25	ls321	Num	8	21 Alpha-1 antitrypsin concentration (mg/dL)
26	ls321a	Num	8	21a AIAT ULN (mg/dL)
27	ls321b	Num	8	21b AIAT LLN (mg/dL)
28	ls322	Char	1	22 A1AT phenotype
29	ls323	Char	1	23 AIAT deficiency contributing to liver dx
30	ls325	Char	1	25 Antinuclear antibody (ANA)
31	ls325a	Num	8	25a ANA titer
32	ls325b	Num	8	25b ANA units
33	asma	Char	1	26 Antismooth muscle antibody (ASMA)
34	ls326a	Num	8	26a ASMA titer
35	ls326b	Num	8	26b ASMA units
36	ls327	Char	1	27 Antimitochondrial antibody (AMA)
37	ls327a	Num	8	27a AMA titer

Num	Variable	Type	Len	Label
38	Is327b	Num	8	27b AMA units
39	Is328	Char	1	Patient 18 or older
40	Is329	Char	1	29 Lymphocytotoxic antibody (LCA)
41	Is329a	Num	8	29a LCA titer
42	Is329b	Num	8	29b LCA units
43	Is330	Char	1	30 Liver-kidney microsomal antigen (LKM1)
44	Is330a	Num	8	30a LKM1 titer
45	Is330b	Num	8	30b LKM1 units
46	Is331	Char	1	31 Rheumatoid factor (RF)
47	Is331a	Num	8	31a RF units
48	Is332	Char	1	32 Immunoglobulin levels available
49	Is334	Num	8	34 IgA
50	Is335	Num	8	35 IgG
51	Is336	Num	8	36 IgM
52	Is338	Num	8	38 Thyroid stimulating hormone (TSH)
53	formdate	Num	8	4 Form date (days since enrollment)
54	Is310	Num	8	10 Date of blood draw for serological assays (days since enrollment)
55	Is311	Num	8	11 Date of blood draw for iron overload scening (days since enrollment)
56	Is315	Num	8	15 Date of blood draw for HFE gene analysis (days since enrollment)
57	Is318	Num	8	18 Date of blood draw for ceruloplasmin (days since enrollment)
58	Is320	Num	8	20 Date of blood draw for alpha-1 antitrypsin (days since enrollment)
59	Is324	Num	8	24 Date of blood draw for autoantibody tests (days since enrollment)
60	Is333	Num	8	33 Date of blood draw for immunoglobulin levels (days since enrollment)
61	Is337	Num	8	37 Date of blood draw for thyroid stimulating hormone (TSH) (days since enrollment)

Data Set Name: pe.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	pe108a	Num	8	8a Height (1st measurement)
6	pe108b	Num	8	8b Height (2nd measurement)
7	pe108c	Num	8	8c Units of height measurement
8	pe109a	Num	8	9a Weight (1st measurement)
9	pe109b	Num	8	9b Weight (2nd measurement)
10	pe109c	Num	8	9c Units of weight measurement
11	pe110a	Num	8	10a Waist circumference (1st measurement)
12	pe110b	Num	8	10b Waist circumference (2nd measurement)
13	pe110c	Num	8	10c Units for waist measurement
14	pe111a	Num	8	11a Hip circumference (1st measurement)
15	pe111b	Num	8	11b Hip circumference (2nd measurement)
16	pe111c	Num	8	11c Units for hip measurement
17	pe112a	Num	8	12a Temperature (degrees)
18	pe112b	Num	8	12b Scale for temperature
19	pe113a	Num	8	13a Systolic BP (mmHg)
20	pe113b	Num	8	13b Diastolic BP (mmHg)
21	pe114	Num	8	14 Resting radial pulse (beats/min)
22	pe115	Num	8	15 Respiratory rate (breaths/min)
23	pe116a	Char	1	16a No acanthosis nigricans
24	pe116b	Char	1	16b Acanthosis nigricans-neck
25	pe116c	Char	1	16c Acanthosis nigricans-axilla
26	pe116d	Char	1	16d Acanthosis nigricans-elbows
27	pe116e	Char	1	16e Acanthosis nigricans-elbows
28	pe116f	Char	1	16f Acanthosis nigricans-knuckles
29	pe116g	Char	1	16g Acanthosis nigricans-periumbilical
30	pe117a	Char	1	17a No abdomen abnormalities
31	pe117b	Char	1	17b Ascites
32	pe117c	Char	1	17c Obese
33	pe117d	Char	1	17d Splenomegaly
34	pe17e	Char	1	17e Hepatomegaly
35	pe117es	Num	8	17e Hepatomegaly span (cm)
36	pe118a	Char	1	18a No liver signs
37	pe118b	Char	1	18b Jaundice

Num	Variable	Type	Len	Label
38	pe118c	Char	1	18c Palmar erythema
39	pe118d	Char	1	18d Contractures
40	pe118e	Char	1	18e Pedal edema
41	pe118f	Char	1	18f Spider angiomata
42	pe118g	Char	1	18g Asterixis
43	pe118h	Char	1	18h Hepatic encephalopathy
44	pe118i	Char	1	18i Other liver signs
45	pe118is	Char	35	18is Specify liver signs
46	pe119	Char	1	19 Tanner staging required
47	pe120	Char	1	20 Is patient female
48	pe121	Char	1	21 Male genital stage
49	pe122	Char	1	22 Male pubic hair stage
50	pe123	Char	1	23 Female breast stage
51	pe124	Char	1	24 Female pubic hair stage
52	pe125	Char	1	25 Has menarche occurred
53	pe126	Num	8	26 Age at menarche
54	formdate	Num	8	4 Form date (days since randomization)

Data Set Name: rg.sas7bdat

Num	Variable	Type	Len	Label
1	id	Char	4	Limited Use Dataset ID number
2	visit	Char	4	5 Visit ID code
3	form	Char	4	6 Form/revision
4	study	Char	1	7 Study
5	rg108	Char	1	8 Signed informed consent
6	rg110	Char	2	10 Age at last birthday
7	rg111	Char	1	11 Gender
8	rg112	Char	1	12 Ethnic category
9	rg113	Char	1	13 Hispanic origin
10	rg113s	Char	35	13 Specify other Spanish culture
11	rg114a	Char	1	14a American Indian/Alaska Native
12	rg114b	Char	1	14b Asian
13	rg114c	Char	1	14c Black/African American
14	rg114d	Char	1	14d Native Hawaiian/Pacific Islander
15	rg114e	Char	1	14e White
16	rg114f	Char	1	14f Refused
17	rg115	Char	1	15 Country of birth
18	rg115s	Char	35	15 Specify other country
19	rg116	Char	1	16 Highest educational level
20	rg117	Char	1	17 Currently employed
21	rg118	Char	35	18 Current occupation
22	rg119	Char	2	19 Hours/week work each week
23	rg120	Char	1	20 Occupational history category
24	rg120s	Char	35	20 Specify other category
25	rg121	Char	1	21 Marital status
26	rg122	Char	1	22 Annual household income
27	rg123	Char	1	23 NASH ID previously assigned
28	rg124a	Char	1	24a Database
29	rg124b	Char	1	24b PIVENS
30	rg124c	Char	1	24c TONIC
31	rg124d	Char	1	24d Other NASH study
32	rg124ds	Char	35	24d Specify other study
33	formdate	Num	8	4 Form date (days since randomization)
34	rg109	Num	8	9 Birth date (days before randomization)