

*Ellen Semple*

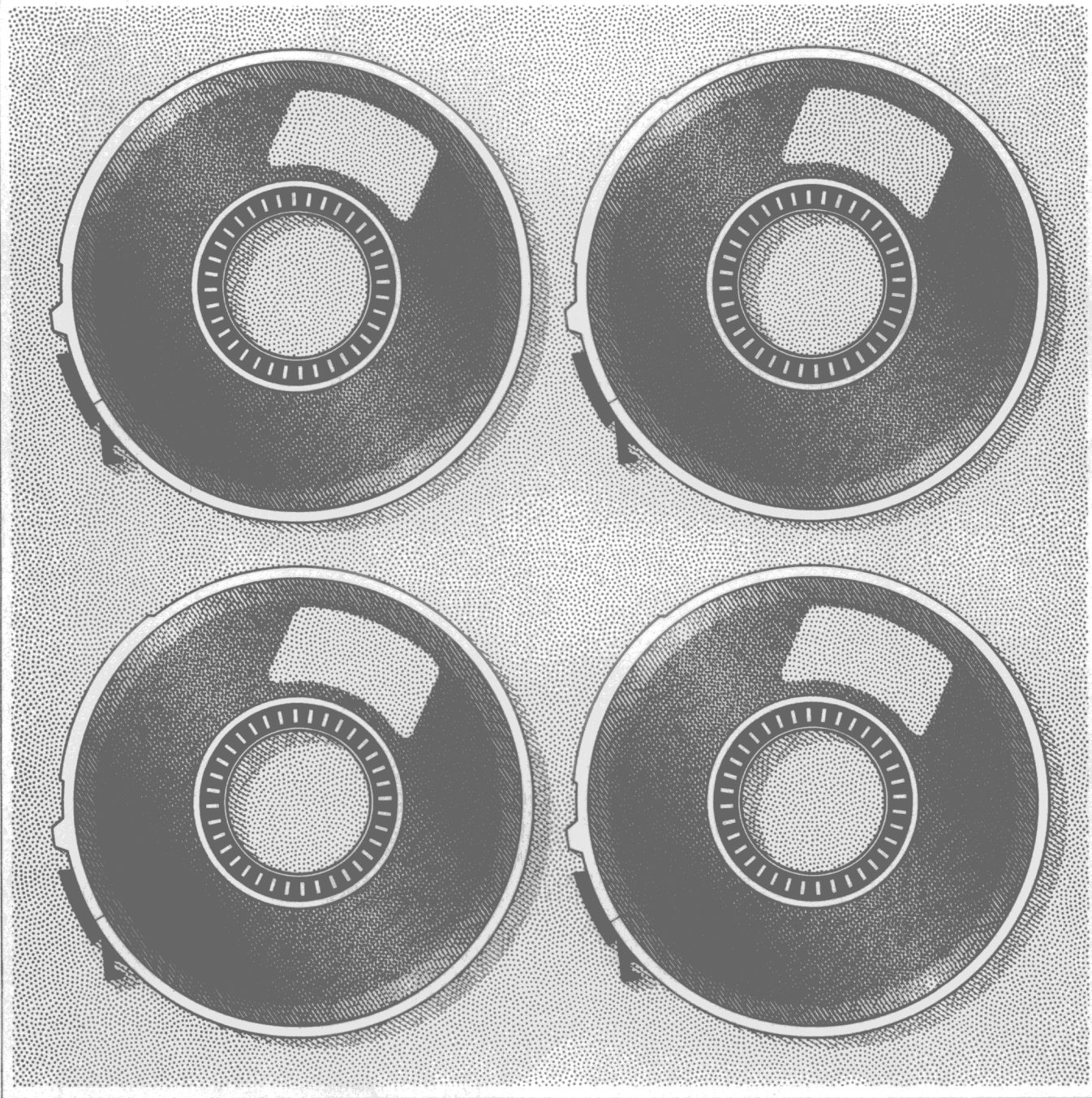
# Public Use Data Tape Documentation



Ophthalmology  
Ages 1-74  
Tape Number 4161

National Health and Nutrition Examination Survey, 1971-75

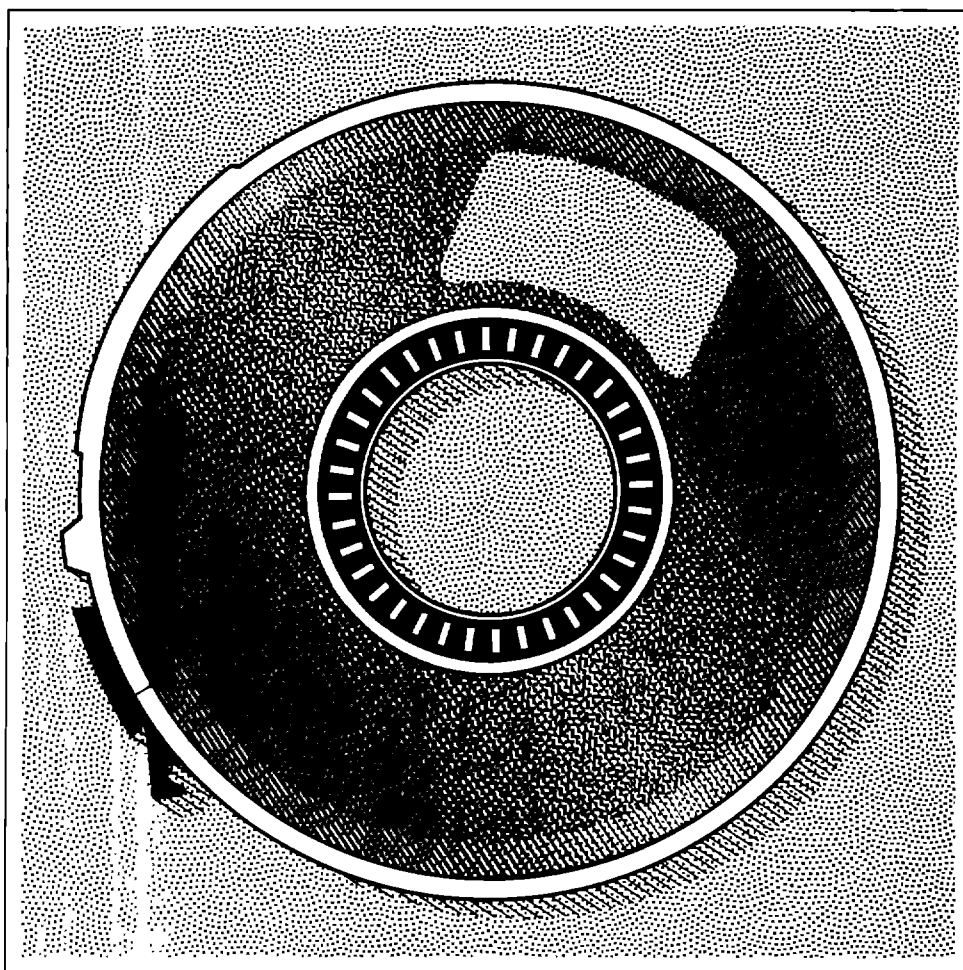
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES • Public Health Service • Office of Health Research, Statistics, and Technology • National Center for Health Statistics



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National Health and Nutrition Examination Survey, 1971-75



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
Office of Health Research, Statistics, and Technology  
National Center for Health Statistics

Hyattsville, Maryland  
May 1981

The data compilation and documentation necessary for the Ophthalmology Data Tape were done by Michael Rowland, Jean Roberts, Everette Collins, Kurt Maurer, Evelyn S. Stanton and Mary Dudley of the Division of Health Examination Statistics, National Center for Health Statistics. A special note of gratitude is due Eugene Sides who patiently typed and retyped this material.

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## OPHTHALMOLOGY DATA TAPE

### Health and Nutrition Examination Survey, HANES I, 1971-1975

Description of Survey: A detailed description of the design, content and operation of HANES I is provided in the following reports: Plan and Operation of the Health and Nutrition Examination Survey, DHEW Pub. No. (HSM) 73-1310, Series 1, Nos. 10a and 10b, Public Health Service, Washington, D. C., U. S. Government Printing Office, February 1973. Also provided is a draft report on the augmentation survey of adults describing the relevant field work conducted between July 1974 and October 1975.

Target Population: HANES I was conducted on a nationwide probability sample of approximately 28,000 persons, ages 1-74 years, from the civilian, noninstitutionalized population of the coterminous United States, excepting those persons residing on Indian reservations. The survey started in April 1971 and for many survey components was completed in June 1974. The HANES I sample was selected so that certain population groups thought to be at high risk of malnutrition (persons with low incomes, preschool children, women of childbearing age and the elderly) were oversampled at known rates. Adjusted sampling weights were then computed within 60 age, sex and race categories in order to inflate the sample in such a manner as to closely reflect the noninstitutionalized population, ages 1-74 years, of the United States at the mid-point of the survey.

Although the main emphasis of HANES I was on nutrition, a subset of those sample persons aged 25-74 received a more detailed health examination which was continued through October 1975. No particular oversampling of subgroups of the population was done in this subsample (e.g., women of childbearing age were not oversampled as they were for the major nutrition component of HANES I). This subsample is also representative of the United States population aged 25-74 during the time of HANES I.

After the nutrition survey was completed, the detailed examination given to the 25-74 age group was continued until the total number of examined persons was approximately double the number of examinees who received the detailed examination during the nutrition survey.

In order to produce national estimates of the nutritional status of the U. S. population at an earlier date, a probability subsample of 35 stands of the 65 stands was selected. This 35-stand subsample also made it possible to produce national estimates of certain other aspects of health status in the population that were critically needed at an earlier date and examination components that for logistic reasons could not be continued for the remainder of the 65 stands. Included among the 35 stands were 10 of the 15 large certainty metropolitan areas and 1 stand from each of the 25 noncertainty superstrata. The reduction from 15 to 10 large metropolitan areas was accomplished by randomly selecting one stand from multiple-stand standard metropolitan statistical areas; e.g., selecting the southern half of the Chicago

SMSA to represent the entire SMSA. (This selection procedure was based on operational considerations, and although unbiased, is recognized as not being statistically optimal.) It is this subsample of 35 stands upon which the findings documented here are based. Altogether, 10,127 persons were examined during the period from April 1971 to October 1972.

Data Collection: Information for all examined sample persons in HANES I was obtained by means of a household interview, a general medical history, a 24-hour dietary intake recall interview, a food frequency interview, a food program questionnaire, a general medical examination, dental, dermatological and ophthalmological examinations, anthropometric measurement, hand-wrist x-rays (of those ages 1-17 only) and 24 hematological, blood chemistry, and urological laboratory determinations.

In addition to the information received on all examined persons by means of the above questionnaires, procedures and measurements, the following data were gathered on the subsample of adults aged 25-74: a medical history supplement; supplementary questionnaires concerning arthritis, respiratory and cardiovascular conditions (when applicable); a health care needs questionnaire; a general well-being questionnaire; an extended medical examination; x-rays of the chest and hip and knee joints; audiometry; electrocardiography; goniometry; spirometry; pulmonary diffusion and tuberculin tests; along with additional laboratory determinations.

Use of HANES Data

With the goal of mutual benefit, NCHS requests the cooperation of recipients of data tapes in certain actions related to their use:

- A. Any published material derived from the data should acknowledge the National Center for Health Statistics as the original source. It should include also a disclaimer which credits any analyses, interpretations, or conclusions reached to the author (recipient of the tape) and not to NCHS, which is responsible only for the initial data.
- B. Consumers who wish to publish a technical description of the data will make a reasonable effort to insure that the description is not inconsistent with that published by NCHS. This does not mean, however, that NCHS will review such descriptions.



### Errors in the Data Sets and Survey Differences

The data users tapes have been subjected to a great deal of careful editing. However, due to the large volume of data in the series, it is likely that a small number of errors or discrepancies remain undetected. We would appreciate if any such errors are detected that they be brought to our attention so that new corrected copies of the tape can be created and errata sheets issued to previous purchasers.

Some of the continuous data items have extremely high or low values and we have verified that they do in fact appear that way on the hard documents; that is, we have verified that the values have not been incorrectly keyed.

In general, we have not attempted to resolve any differences that may exist between estimates derived from the various subsamples of HANES I. Nor have we made any comparisons between estimates from HANES I and previous surveys conducted by the Division of Health Examination Statistics.

## Variance Estimation

Because the Health and Nutrition Examination Survey is based upon a complex sample design, the assumptions of many statistical tests and routinely available statistical programs are not met. For this reason, when estimates of the variances of statistics from HANES are computed, the technique of estimation must be based upon complex sampling theory. In order to provide the user with the capability of estimating the complex sample variances, we have provided Strata and Primary Sampling Unit (PSU) codes on the HANES user tapes in tape positions 194-198. However, these codes are suitable for making variance estimates only for examination locations 1-65 and 1-100. To compute variance estimates for examination locations 1-35 or 66-100, it is necessary to recode the current Strata-PSU codes according to the specifications that follow. The resultant recoded Strata-PSU codes should be used only for locations 1-35 and 66-100.

One computer program that should be widely available sometime around the summer of 1978 as part of the Statistical Analysis System (available from the SAS Institute, Inc., Post Office Box 10066, Raleigh, North Carolina 27605) is capable of using the Strata-PSU codes provided for HANES to compute complex sample variances. Other programs may also be available.

In those Strata, referred to as certainty or self-representing Strata, the PSU codes are actually the segment numbers. Neither the Strata codes nor the PSU codes are the original codes used in the formation of the HANES sample design, but are none-the-less a unique recoding of the original codes. For further discussion of the sample design of HANES, the user should consult the publications of the National Center for Health Statistics-- Series 1-Nos. 10a and 14 and the detailed note for tape positions 158-193.

Recode Specifications for Strata-PSU Codes

First.--Create a file with only those records in the file for examination locations 1-35.\*

Second.--Retain the original Strata-PSU codes in Strata 7-10 and 13 in the original form as the recoded Strata-PSU codes.

Third.--Recode the remaining strata according to the chart below.

Fourth.--Repeat the process for examination locations 66-100.\*

<u>Old Strata #</u> <u>(tape positions 194-195)</u>	<u>New Strata #</u>	<u>New PSU #</u>
01	01	001
02	01	002
03	03	001
06	03	002
04	04	001
05	04	002
11	11	001
12	11	002
14	14	001
21	14	002
15	15	001
16	15	002
17	17	001
20	17	002
18	18	001
19	18	002
22	22	001
25	22	002
23	23	001
24	23	002
26	26	001
27	26	002
28	28	001
29	28	002
30	30	001
35	30	002
31	31	001
32	31	002
33	33	001
34	33	002

\*See detailed note for tape positions 158-193.

TAPE CHARACTERISTICS

Title: Ophthalmology Tape

Catalog Number: 4161

Data Set Name: HEHANESI.DU416104

Record Length: 650

Blocksize: 3900

Number of Records: 10127

Number of Reels: 1

Recording Mode: Fixed Block, EBCDIC

Channel: 9 Track

Created by: Division of Health Examination Statistics  
National Center for Health Statistics  
Hyattsville, Maryland

### General Notes

Asterisks on the Tape Description: Some of the data items were obtained only for a particular subsample of HANES. Consequently some of these items appear to have a great deal of missing data (coded as BLANK) due to nonresponse, but in fact the data are missing because the design of HANES dictated that the item was to be obtained only for a particular subsample. (For further discussion of the various subsamples in HANES the user should see the detailed note for tape positions 158-193.)

To alert the user to this fact asterisks were put on the tape description. One asterisk denotes that the data item was obtained only on examinees receiving the detailed examination.

Demographic Information: An advance letter, announcing the forthcoming arrival of an interviewer from the U. S. Bureau of the Census, was mailed to each household that fell into the sample area. The interviewer subsequently visited the household to ascertain its composition and to administer a questionnaire, the primary purpose of which was to obtain demographic information. The questionnaire was administered to each potential sample person that was available and competent enough to respond to questions. In the event that a potential sample person was not at home at the time of interview, any responsible adult in the household was asked to respond to the questions for the absent person.

Demographic information for each of the examinees appears in tape positions 1-200.

Ophthalmology Examination:

Examinees 1-74 years of age were given an examination which included the taking of an ocular history regarding previously known eye disorders or previous eye surgery and an examination for motility defects. The standardized eye examination for those over 3 years of age included a determination of monocular distance visual acuity with usual correction, if any, and a pinhole test to determine correctability for those with acuity less than 20/20; prescription of present glasses; dilation, and within 20-70 minutes following dilation retinoscopy for detailed examinees 25-74 years with acuity less than 20/40 and spherical trial lens test for nutrition examinees with acuity less than 20/40; applanation tonometry on examinees 20 years and older; and examination of the pupils, lids, globes, conjunctiva, sclera, corneas, anterior chambers, irises, and lenses. The pupils were dilated in most instances for the spherical refraction and retinoscopy and for the examination of the vitreous and retina.

Other Vision Data: Physical examination data relating to the eyes can be found in tape locations 239-245 of the General Medical Examination, 1-74 years (catalogue number 4233). Certain vision-related questions can be found on the Medical History Questionnaire, 1-11 years (catalogue number 4067) and also on the Medical History Questionnaire, 12-74 years (catalogue number 4081).

Monocular visual acuity findings related to selected demographic characteristics are presented in the following publication of the National Center for Health Statistics: Monocular Visual Acuity of Persons 4-74 Years, United States, 1971-72. Vital and Health Statistics. PHS Pub. No. 1000 - Series 11, No. 201. Public Health Service. Washington, D. C. U. S. Government Printing Office, March 1977.

Refraction status, refraction potential, motility defects and medical history findings related to selected demographic characteristics are presented in the following publication of the National Center for Health Statistics: Refraction Status and Motility Defects of Persons 4-74 Years, United States, 1971-72. Vital and Health Statistics. PHS Pub. No. 1000 - Series 11, No. 206. Public Health Service. Washington, D. C. U. S. Government Printing Office, 1978.

DEMOGRAPHIC DATA SUMMARY - HANES I

	<u>Tape</u> <u>Positions</u>
Sample sequence number .....	1
Size of place .....	10
SMSA-not SMSA .....	11
Type of living quarters .....	12
Land usage .....	13
If rural, asked - How many acres of land are included .....	14
If 10 acres or more asked - Sale of crops, etc. amount to \$50 or more ..	15
If 10 acres or less asked - Sale of crops, etc. amount to \$250 or more .	16
Age - head of household .....	17
Sex - head of household .....	19
Highest grade attended - " head of household .....	20
Race - head of household .....	22
Total number of persons in household .....	23
Total sample persons in household .....	25
Number of rooms in house .....	27
Is there piped water .....	28
If yes, is there hot and cold piped water .....	29
If yes to piped water - Does house have a sink with piped water .....	30
Does house have a range or cook stove .....	31
Does house have a refrigerator.....	32
Are kitchen facilities used by anyone not living in household .....	33
Total family income group .....	34
NOTE: The following income questions were asked <u>only</u> if "Total Family Income" was less than \$7,000	
During Past Year Did you or Any Members of Your Family Receive Money From:	
Wages or salaries .....	36
If yes - How much altogether before deductions .....	37
Social Security or Railroad Retirement .....	41
If yes - How much altogether .....	42
Welfare payments or other public assistance .....	46
If yes - How much altogether .....	47
Unemployment or Workman's Compensation .....	51
If yes - How much altogether .....	52
Government employee pensions or private pensions .....	56
If yes - How much altogether .....	57



	<u>Tape</u> <u>Positions</u>
Dividends, interest or rent .....	61
If yes - How much altogether .....	62
Net income from own non-farm business, professional practice or partnership .....	66
If yes - How much altogether .....	67
Net income from a farm .....	71
If yes - How much altogether .....	72
Veteran's payments .....	76
If yes - How much altogether .....	77
Alimony, child support or contributions from persons not living in household .....	81
If yes - How much altogether .....	82
Any other income .....	86
If yes - How much altogether .....	87
Total amount .....	91
Family unit code .....	95
Relationship to head of household .....	100
Age at interview .....	101
Race of examined person .....	103
Sex of examined person .....	104
Marital status .....	105
Date of birth (month and year) .....	106
Place of birth .....	110
Highest grade of regular school ever attended .....	112
Did he finish the grade .....	114
Is he attending school now .....	115
Has he ever attended a school of any kind .....	116
If yes - What kind of school .....	117
Is any language other than English frequently spoken in the household .	118
If yes - What language .....	119
What is your main ancestry or national origin .....	120
What was he doing most of past three months .....	122
If "something else" - What was he doing .....	123
If "keeping house" or "something else" - Did he work at a job or business at any time during the past three months .....	124
If "working" - Did he work full-time or part-time .....	125
Did he work at any time last week or the week before (not around house)	126
If no - Even though he did not work during that time, does he have a job or business .....	127

Tape  
Positions

Was he looking for work or on lay-off from a job .....	128
If yes - Which .....	129
Class of worker .....	130
If self-employed in "own" business and not a farm, is the business incorporated .....	131
Business or industry code .....	132
Occupation code .....	135
Date of examination .....	138
Age at examination .....	144
Farm/non-farm .....	146
Poverty index .....	147
Region .....	150
SAMPLE WEIGHTS .....	158
STRATA - Primary Sampling Unit .....	194

OPHTHALMOLOGY DATA SUMMARY - HANES I

	<u>Tape Positions</u>
CATALOG NUMBER - 4161 .....	201
Examiner Number .....	210
 <u>SIGNIFICANT OCULAR HISTORY</u>	
Yes/No .....	225
Surgery - Strabismus/Cataract .....	226
Other - Injury/Infection .....	232
Other .....	238
 <u>VISUAL ACUITY</u>	
Optotype Used .....	244
Acuity -	
cc OD .....	245
OS .....	247
sc OD .....	249
OS .....	251
If not 20/20, pinhole (Acuity) -	
OD .....	253
OS .....	255
 <u>MOTILITY</u>	
Tropia (Eso/Exo) .....	257
Tropia (Hyper/Not hyper) .....	258
Tropia (Comitant/Incomitant) .....	259
Phoria (Eso/Exo) .....	260
Phoria (Hyper/Not hyper) .....	261
Nystagmus .....	262
 <u>PUPILS</u>	
Anisocoria - location .....	263
Absent light reflex - direct .....	264
Absent light reflex - consensual .....	265
Other .....	266
No abnormality .....	267
 <u>TONOMETRY (Examinees 20 years and over) (Three readings)</u>	
Applanation	
OD .....	268
OS .....	270
OD .....	272
OS .....	274
OD .....	276
OS .....	278

OPHTHALMOLOGY DATA SUMMARY - HANES I

	<u>Tape</u> <u>Positions</u>
<u>DILATATION</u> .....	280
<u>MAXILLARY SINUS TRANSILLUMINATION</u> (For detailed examinees 25-74 years only)	
Right .....	281
Left .....	282
<u>REFRACTION</u> - Present Glasses	
Sphere sign - OD .....	283
Sphere - OD .....	284
Cylinder sign - OD .....	288
Cylinder - OD .....	289
Axis - OD .....	293
Sphere sign - OS .....	296
Sphere - OS .....	297
Cylinder sign - OS .....	301
Cylinder - OS .....	302
Axis - OS .....	306
<u>REFRACTION</u> - If acuity less than 20/40, any improvement with spheres	
Sphere sign - OD .....	309
Sphere - OD .....	310
Cylinder sign - OD .....	314
Cylinder - OD .....	315
Axis - OD .....	319
VA - OD .....	322
PH - OD .....	324
Sphere sign - OS .....	326
Sphere - OS .....	327
Cylinder sign - OS .....	331
Cylinder - OS .....	332
Axis - OS .....	336
VA - OS .....	339
PH - OS .....	341
<u>LIDS</u>	
Blepharitis .....	343
Angular .....	344
Chalazion .....	345
Concretions .....	346
Ectropion .....	347
Entropion .....	348
Hordeolum .....	349
Ptosis .....	350
Other .....	351
No abnormality .....	352

OPHTHALMOLOGY DATA SUMMARY - HANES I

Tape  
Positions

GLOBE

Enucleation .....	353
Exophthalmos .....	354
Microphthalmos .....	355
Other .....	356
No abnormality .....	357

CONJUNCTIVA

Bitot's spot .....	358
Conjunctivitis -	
Allergic .....	359
Follicular .....	360
Infectious .....	361
Bacterial .....	362
Viral .....	363
Follicles (no inflammation) .....	364
Inclusions .....	365
Pingueculum .....	366
Xerosis .....	367
Other .....	368
No abnormality .....	369

SCLERA

Ectasia .....	370
Episcleritis .....	371
Scleritis .....	372
Other .....	373
No abnormality .....	374

CORNEA

Arcus senilis .....	375
Band keratopathy .....	376
Degeneration .....	377
Dystrophy .....	378
Edema - epithelial .....	379
Edema - stromal .....	380
Endothelial KP's .....	381
Guttata .....	382
Keratitis .....	383
Keratomalacia .....	384
Krukenberg spindle .....	385
Opacity .....	386
Superficial stromal .....	387
Pterygium .....	388
Vessels .....	389
Other .....	390
No abnormality .....	391

OPHTHALMOLOGY DATA SUMMARY - HANES I

Tape  
Positions

ANTERIOR CHAMBER

Cells .....	393
Flare .....	394
Other .....	395
No abnormality .....	396

IRIS

Synechia - anterior .....	397
Synechia - posterior .....	398
Atrophy .....	399
Coloboma .....	400
Iritis .....	401
Neovascularization .....	402
Other .....	403
No abnormality .....	404

LENS

Aphakia .....	405
Cataract -	
Immature .....	406
Intumescent .....	407
Mature .....	408
Hyperature .....	409
Morgagnian .....	410
Opacity -	
Anterior polar .....	411
Cortical .....	412
Nuclear .....	413
Post subcapsular .....	414
Pigment on surface .....	415
Other .....	416
No abnormality .....	417

VITREOUS

Detachment .....	418
Hemorrhage .....	419
Opacity .....	420
Other .....	421
No abnormality .....	422

OPHTHALMOLOGY DATA SUMMARY - HANES I

Tape  
Positions

RETINA

Disc

Drusen .....	423
Glaucomatous cup .....	424
Neovascularization .....	425
Optic atrophy - primary .....	426
Optic atrophy - secondary .....	427
Papilledema .....	428
Papillitis .....	429
Other .....	430

Macula

Degeneration - senile .....	431
Degeneration - disciform .....	432
Degeneration - circinate .....	433
Diabetic involvement .....	434
Edema .....	435
Hypertensive involvement .....	436
Pigment epith. detach .....	437
Other .....	438

Vessels

Arteries -

Branch occlusion .....	439
Central occlusion .....	440
General narrow (1-4) .....	441
Sclerosis (1-4) .....	442

Veins -

Branch occlusion .....	443
Central occlusion .....	444
Dilatation .....	445
Sausaging .....	446
Sheathing .....	447
Tortuosity .....	448

Capillaries -

Microaneurysms .....	449
Neovascularization .....	450
Other .....	451

Exudates

Cotton wool .....	452
Hard .....	453
Waxy .....	454
Other .....	455

OPHTHALMOLOGY DATA SUMMARY - HANES I

Tape  
Positions

RETINA - continued

Hemorrhages	
Choroidal .....	456
Preretinal .....	457
Retinal - deep .....	458
Retinal - superficial .....	459
Other .....	460
Pigment changes	
Choroidal .....	461
Epithelial -	
Atrophy .....	462
Hyperplasia .....	463
Other .....	464
Angioid streaks .....	465
Detachment .....	466
Drusen .....	467
Inflammation -	
Chorioretinitis .....	468
Active .....	469
Inactive .....	470
Retrolental fibroplasia .....	471
Other .....	472
No abnormality .....	473
Not visualized .....	474
<u>OPHTHALMIC DIAGNOSIS</u> .....	476
Amblyopia .....	477
Condition decreases vision .....	478
Treatment .....	479
Eye affected .....	480
Condition code .....	481
Condition decreases vision .....	487
Treatment .....	488
Eye affected .....	489
Condition code .....	490
Condition decreases vision .....	496
Treatment .....	497
Eye affected .....	498
Condition code .....	499
Condition decreases vision .....	505
Treatment .....	506
Eye affected .....	507



OPHTHALMOLOGY DATA SUMMARY - HANES I

Tape  
Positions

OPHTHALMIC DIAGNOSIS - continued

Condition code .....	508
Condition decreases vision .....	514
Treatment .....	515
Eye affected .....	516
 Condition code .....	 517
Condition decreases vision .....	523
Treatment .....	524
Eye affected .....	525
 Condition code .....	 526
Condition decreases vision .....	532
Treatment .....	533
Eye affected .....	534
 Condition code .....	 535
Condition decreases vision .....	541
Treatment .....	542
Eye affected .....	543
 Condition code .....	 544
Condition decreases vision .....	550
Treatment .....	551
Eye affected .....	552
 Condition code .....	 553
Condition decreases vision .....	559
Treatment .....	560
Eye affected .....	561
 Condition code .....	 562
Condition decreases vision .....	568
Treatment .....	569
Eye affected .....	570

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

LOCATION 1-35  
ALL SAMPLE PERSONS

## DEMOGRAPHIC DATA TAPE

(n = 10127)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>DEMOGRAPHIC DATA</u>		
1-5		5	<u>Sample Sequence Number</u>		
6-9		4	<u>Catalog Number</u> 4271		
10		1	<u>Size of Place</u> 1 - Urbanized area with 3,000,000 or more 2 - Urbanized area with 1,000,000 to 2,999,999 3 - Urbanized area with 250,000 to 999,999 4 - Urbanized area under 250,000 5 - Urban place 25,000 or more outside urbanized area 6 - Urban place 10,000 to 24,999 outside urbanized area 7 - Urban place 2,500 to 9,999 outside urbanized area 8 - Rural	2067 1605 708 1267 213 424 574 3269	Household Questionnaire See Detailed Notes
11		1	<u>SMSA - Not SMSA</u> 1 - In SMSA, in central city 2 - In SMSA, not in central city 4 - Not in SMSA	3943 2617 3567	Household Questionnaire See Detailed Notes
12		1	<u>Type of Living Quarters</u> 1 - Housing Unit 2 - Other unit	10066 61	Household Questionnaire
13		1	<u>Land Usage</u> 1 - All other 2 - Rural	6952 3175	Household Questionnaire
14		1	If Rural, asked <u>How Many Acres of Land Are Included?</u> 1 - 10 or more acres 2 - Less than 10 acres 9 - Not applicable	757 2418 6952	Household Questionnaire

**HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)**

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
15		1	<u>If 10 acres or more, asked if Sale of Crops, Etc. Amount to \$50 or more?</u> 2 - Yes 4 - No 9 - Not applicable	364 393 9370	Household Questionnaire
16		1	<u>If 10 acres or less, asked if Sale of Crops, Etc. Amount to \$250 or more?</u> 3 - Yes 5 - No 9 - Not applicable	82 2336 7709	Household Questionnaire
17-18		2	<u>Age - Head of Household</u> 16-91 as given 00 - Blank, but applicable	10125 2	Household Questionnaire
19		1	<u>Sex - Head of Household</u> 1 - Male 2 - Female	7949 2178	Household Questionnaire
20-21		2	<u>Highest Grade Attended - Head of Household</u> 10 - None 21 - 1st grade 22 - 2nd grade 23 - 3rd grade 24 - 4th grade 25 - 5th grade 26 - 6th grade 27 - 7th grade 28 - 8th grade 31 - 9th grade 32 - 10th grade 33 - 11th grade 34 - 12th grade 41 - First year of college 42 - Second year of college 43 - Third year of college 44 - Fourth year of college 45 - Graduate 88 - Blank, but applicable	148 46 92 222 222 218 390 356 1080 581 763 598 2953 334 522 197 582 527 200	Household Questionnaire

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
22		1	<u>Race - Head of Household</u> 1 - White 2 - Negro 3 - Other	7373 2654 100	Household Questionnaire See Detailed Notes
23-24		2	<u>Total Number of Persons in Household</u> 01-19 - As given	10127	Household Questionnaire
25-26		2	<u>Total Sample Persons in Household</u> 01-07 - As given	10127	Household Questionnaire
27		1	<u>Number of Rooms in House</u> 1-8 - As given 9 - 9 or more	9636 491	Household Questionnaire
28		1	<u>Is there piped water?</u> 1 - Yes 2 - No	9840 287	Household Questionnaire
29		1	If yes <u>Is there hot and cold piped water?</u> 1 - Yes 2 - No 9 - Not applicable	9545 297 285	Household Questionnaire
30		1	If yes to piped water - <u>Does House Have a Sink with Piped Water?</u> 1 - Yes 2 - No 9 - Not applicable	9757 85 285	Household Questionnaire
31		1	<u>Does House Have a Range or Cook Stove?</u> 1 - Yes 2 - No	10043 84	Household Questionnaire

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Type Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
32		1	Does House have a Refrigerator? 1 - Yes 2 - No	10025 102	Household Questionnaire
33		1	Are kitchen facilities used by anyone not living in household? 1 - Yes 2 - No 9 - Not applicable	346 9375 406	Household Questionnaire
34-35		2	Total Family Income Group 11 - Under \$1,000 (including loss) 12 - \$1,000-1,999 13 - \$2,000-2,999 14 - \$3,000-3,999 15 - \$4,000-4,999 16 - \$5,000-5,999 17 - \$6,000-6,999 18 - \$7,000-9,999 19 - \$10,000-14,999 20 - \$15,000-19,999 21 - \$20,000-24,999 22 - \$25,000 and over 88 - Blank, but applicable  NOTE: The following income questions were asked <u>only</u> if "Total Family Income" was less than \$7,000.  DURING PAST YEAR DID YOU OR ANY MEMBERS OF YOUR FAMILY RECEIVE MONEY FROM:	249 647 824 733 623 573 490 2196 1925 849 313 253 452	Household Questionnaire See Detailed Notes
36		1	Wages or Salaries? 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	2453 1730 408 5536	Household Questionnaire

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
37-40		4	<u>If yes to above, how much altogether before deductions?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	2314 547 7266	Household Questionnaire
41		1	<u>Social Security or Railroad Retirement?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	1449 2748 394 5536	Household Questionnaire
42-45		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	1433 410 8284	Household Questionnaire
46		1	<u>Welfare Payments or Other Public Assistance?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	1447 2754 390 5536	Household Questionnaire
47-50		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	1429 408 8290	Household Questionnaire
51		1	<u>Unemployment or Workmen's Compensation?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	270 3933 388 5536	Household Questionnaire

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
52-55		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	258 400 9469	Household Questionnaire
56		1	<u>Government Employee Pensions or Private Pensions?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	264 3937 390 5536	Household Questionnaire
57-60		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	259 395 9473	Household Questionnaire
61		1	<u>Dividends, interest or rent?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	405 3798 387 5537	Household Questionnaire
62-65		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	384 408 9335	Household Questionnaire
66		1	<u>Net income from own non-farm business, professional practice or partnership?</u> 1 - Yes 2 - No 3 - Loss 8 - Blank, but applicable 9 - Not applicable	140 4059 8 384 5536	Household Questionnaire

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
67-70		4	<u>If yes to above, how much altogether?</u> 0001-7500 - As given 8888 - Blank, but applicable 9999 - Not applicable	133 399 9595	Household Questionnaire
71		1	<u>Net income from a farm?</u> 1 - Yes 2 - No 3 - Loss 8 - Blank, but applicable 9 - Not applicable	133 4058 15 385 5536	Household Questionnaire
72-75		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	130 403 9594	Household Questionnaire
76		1	<u>Veteran's Payments</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	206 3996 386 5539	Household Questionnaire
77-80		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	203 389 9535	Household Questionnaire
81		1	<u>Alimony, child support or contributions from persons not living in household?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	206 3996 387 5538	Household Questionnaire



HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
82-85		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	203 390 9534	Household Questionnaire
86		1	<u>Any other income?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	148 4047 392 5540	Household Questionnaire
87-90		4	<u>If yes to above, how much altogether?</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	143 397 9587	Household Questionnaire
91-94		4	<u>Total Amount (Total of Positions 37-90)</u> 0001-6999 - As given 8888 - Blank, but applicable 9999 - Not applicable	3957 634 5536	Household Questionnaire
95-99		5	<u>FAMILY UNIT CODE</u> 00001-23180		Computer generated See Detailed Notes
100		1	<u>Relationship to Head of Household</u> 1 - Head (1 person living alone or with non-relatives) 2 - Head (2 or more related persons in family) 3 - Wife 4 - Child 5 - Other relative	878 2410 2429 3917 493	Household Questionnaire
101-2		2	<u>Age at Interyiew</u> 01-74 - As given	10127	Household Questionnaire

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Type Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
103		1	<u>Race of Examined Person</u> 1 - White 2 - Negro 3 - Other	7356 2666 105	Household Questionnaire See Detailed Notes
104		1	<u>Sex of Examined Person</u> 1 - Male 2 - Female	4332 5795	Household Questionnaire
105		1	<u>Marital Status</u> 1 - Under 17 2 - Married 3 - Widowed 4 - Never married 5 - Divorced 6 - Separated 8 - Blank, but applicable	3449 4412 647 1050 285 275 9	Household Questionnaire
106-9		4	<u>Date of Birth (month, year)</u> 01-12 - Month as given 00-99 - Year (1896-1971) as given	10127 10127	Household Questionnaire
110-11		2	<u>Place of Birth</u> 01-02 04-06 08-13 15-42 } As given 44-51 53-56 60-81 91-97 88 - Blank, but applicable	10059 68	Household Questionnaire See Detailed Notes

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
112-13		2	<u>Highest Grade of regular school ever attended?</u>		Household Questionnaire
			10 - None	149	
			21 - 1st Grade	225	
			22 - 2nd Grade	238	
			23 - 3rd Grade	298	
			24 - 4th Grade	343	
			25 - 5th Grade	338	
			26 - 6th Grade	397	
			27 - 7th Grade	425	
			28 - 8th Grade	839	
			31 - 9th Grade	525	
			32 - 10th Grade	637	
			33 - 11th Grade	460	
			34 - 12th Grade	2202	
			41 - First year of college	293	
			42 - Second year of college	377	
			43 - Third year of college	144	
44 - Fourth year of college	377				
45 - Graduate	262				
77 - Special School	5				
88 - Blank, but applicable	68				
99 - Not applicable	1525				
114		1	<u>Did he finish the grade?</u>		Household Questionnaire
			1 - Yes	5623	
			2 - No	2707	
			8 - Blank, but applicable	123	
			9 - Not applicable	1674	
115		1	<u>Is he attending school now?</u>		Household Questionnaire
			1 - Yes	1978	
			2 - No	208	
			8 - Blank, but applicable	0	
			9 - Not applicable	7941	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
116		1	<u>Has he ever attended a school of any kind?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	353 574 0 9200	Household Questionnaire
117		1	<u>If yes, what kind of school?</u> 1 - Nursery 2 - Kindergarten 3 - Other 4 - Headstart 5 - Daycare 8 - Blank, but applicable 9 - Not applicable	80 189 42 27 15 0 9774	Household Questionnaire
118		1	<u>Is any language other than English frequently spoken in the household?</u> 1 - Yes. 2 - No 8 - Blank, but applicable	1542 8430 155	Household Questionnaire
119		1	<u>If yes, what language?</u> 0 - German 1 - Italian 2 - French 3 - Polish 4 - Russian 5 - Spanish 6 - Chinese 7 - Other language 8 - Blank, but applicable 9 - Not applicable	79 69 335 51 10 790 20 180 163 8430	Household Questionnaire

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	120-21	2	<u>What is your main ancestry or national origin?</u> 00 - German 01 - Irish 02 - Italian 03 - French 04 - Polish 05 - Russian 06 - English 07 - Spanish 08 - Mexican 09 - Chinese 10 - Japanese 11 - American Indian 12 - Negro 13 - Jewish 14 - American 15 - Other 88 - Blank, but applicable 99 - Don't know	1327 1130 322 659 274 79 1121 283 419 25 15 130 2673 31 617 749 65 208	Household Questionnaire
	122	1	<u>What was he doing most of past three months?</u> 1 - Working 2 - Keeping house 3 - Something else 8 - Blank, but applicable 9 - Not applicable	3027 2318 1313 21 3448	Household Questionnaire
	123	1	<u>If "something else" from above, what was he doing?</u> 0 - Laid off 1 - Retired 2 - Student 3 - Other 4 - Ill 5 - Staying home 6 - Looking for work 7 - Unable to work 8 - Blank, but applicable 9 - Not applicable	11 663 341 77 62 36 41 83 20 8793	Household Questionnaire

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
124		1	<p><u>If "keeping house" or "something else" from above, did he work at a job or business at any time during the past three months?</u></p> <p>1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable</p>	<p>443 3183 30 6471</p>	Household Questionnaire
125		1	<p><u>If "Working" from above, did he work full-time or part-time?</u></p> <p>1 - Full-time 2 - Part-time 8 - Blank, but applicable 9 - Not applicable</p>	<p>2711 753 32 6631</p>	Household Questionnaire
126		1	<p><u>Did he work at any time last week or the week before? (not around house)</u></p> <p>1 - Yes. 2 - No 8 - Blank, but applicable 9 - Not applicable</p>	<p>3056 343 97 6631</p>	Household Questionnaire
127		1	<p><u>If "no" to above, even though he did not work during that time, does he have a job or business?</u></p> <p>1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable</p>	<p>205 3320 98 6504</p>	Household Questionnaire
128		1	<p><u>If "no" in Position 126, was he looking for work or on lay-off from a job?</u></p> <p>1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable</p>	<p>309 3216 98 6504</p>	Household Questionnaire

**HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)**

<b>Item #</b>	<b>Tape Loc.</b>	<b>No. of Positions</b>	<b>ITEM DESCRIPTION &amp; CODES</b>	<b>Control Counts</b>	<b>HANES I Data Source</b>
129		1	<u>If yes to above - which?</u> 1 - Looking 2 - Lay-off 3 - Both 8 - Blank, but applicable 9 - Not applicable	237 57 15 98 9720	Household Questionnaire
130		1	<u>Class of Worker</u> 1 - Private paid 2 - Government-Federal 3 - Government-Other 4 - Own 5 - Non-paid 6 - Never worked 8 - Blank, but applicable 9 - Not applicable	2596 145 485 323 51 19 25 6483	Household Questionnaire
131		1	<u>If self-employed in "own" business and not a farm, is the business incorporated?</u> 1 - Yes 2 - No 8 - Blank, but applicable 9 - Not applicable	42 243 25 9817	Household Questionnaire
132-34		3	<u>Business or Industry Code</u> 017-999 - As given	10127	Household Questionnaire See Detailed Notes
135-37		3	<u>Occupation Code</u> 001-995 As given	10127	Household Questionnaire See Detailed Notes
138-43		6	<u>Date of Examination</u> Month - 01-12 as given Day - 01-31 as given Year - 71- as given	10127 10127 10127	Control Record

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Type Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
144-45		2	<u>Age at Examination</u> 01-75 - As given	10127	Computer generated
146		1	<u>Farm</u> 1 - Farm 2 - Nonfarm	446 9681	Computer generated See Detailed Notes
147-49		3	<u>Poverty Index (X.XX)</u> 001-997 - As given 998 - Index computed 998 or greater 999 - Unknown	9656 19 452	Computer generated See Detailed Notes
150		1	<u>Region</u> 1 - Northeast 2 - Midwest 3 - South 4 - West	2342 2511 2430 2844	Computer generated See Detailed Notes
151		1	<u>FOOD PROGRAMS APPLICABILITY</u> 1 - Not applicable 2 - No program available 3 - Food stamps available 4 - Commodities available 8 - Blank, but applicable	6672 108 2925 387 35	Food Programs Quest.
152		1	<u>Are you certified to participate in the food stamp program?</u> 1 - Yes 2 - No 9 - Don't know Blank	1440 1195 68 7424	Food Programs Quest.



## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
153		1	<u>Are you buying stamps now?</u> 1 - Yes, regularly 2 - Yes, occasionally 3 - No 8 - Blank, but applicable Blank	1150 59 225 6 8687	Food Programs Quest.
154		1	<u>What is the main reason you aren't participating in the program?</u> 1 - No need 2 - Not enough money at the time 3 - No transportation 4 - Pride 5 - Other 8 - Blank, but applicable Blank	19 95 7 6 85 13 9902	Food Programs Quest.
155		1	<u>Are you certified to participate in the commodity distribution program?</u> 1 - Yes 2 - No 9 - Don't know Blank	121 225 12 9769	Food Programs Quest.
156		1	<u>Are you receiving commodity foods now for your family?</u> 1 - Yes, regularly 2 - Yes, occasionally 3 - No Blank	79 9 33 10006	Food Programs Quest.
157		1	<u>Why aren't you participating in the program?</u> 1 - No need 2 - No transportation 3 - Pride 4 - Other Blank	16 5 0 12 10094	Food Programs Quest.

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>Sample Weights</u>		
158-163		6	<u>Detailed Persons - Locations 01-35</u> Blank	1892 8235	See Detailed Notes
164-169		6	<u>All Sample Persons - Locations 01-35</u>	10127	See Detailed Notes
170-193		24	<u>Work Area</u>		
194-195		2	<u>Strata</u> <sup>1/</sup>		
196-198		3	<u>Primary Sampling Units</u> <sup>1/</sup>		
199-200		2	<u>Data User Work Area</u>		
<p><sup>1/</sup> Use only for producing variance estimates for examination locations 1-65 or 1-100. See the General Note titled "Variance Estimation" for producing variance estimates for examination locations 1-35 or 66-100.</p>					

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

## OPHTHALMOLOGY

(n=10127)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	201-204	4	Catalog Number - 4161		Ophthalmology Examination Recording Form
	205-209	5	Blank - Work area		
	210-211	2	<u>Examiner Number</u> 01-72, 74-95, 97-99 - Number as given 96 - Blank, but applicable Blank	9880 3 244	
	212-224	13	Blank - Work area		
	225	1	<u>SIGNIFICANT OCULAR HISTORY</u> 1 - Yes 2 - No Blank	1291 8592 244	
	226-231	6	<u>Surgery - Strabismus/Cataract</u> 616100-789974 - Code as given 990000-997074 - Code as given Blank	662 572 8893	See Detailed Notes.
	232-237	6	<u>Other - Injury/Infection</u> 626058-789998 - Code as given 990000-996500 - Code as given Blank	107 60 9960	See Detailed Notes.
	238-243	6	<u>Other</u> 635398-789000 - Code as given 990000-999974 - Code as given Blank	36 9 10082	See Detailed Notes.

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>VISUAL ACUITY</u>		
	244	1	<u>Optotype Used</u> 1 - Snellen 2 - III.E 3 - Landolt 4 - Picture 8 - Blank, but applicable 9 - Not applicable (under 3 years old) Blank	8272 552 13 171 7 889 223	Ophthalmology Examination Recording Form
			<u>ACUITY</u>		
	245- 246	2	<u>CC OD</u> 02-19 - as given 88 - Blank, but applicable Blank	3556 10 6561	See Detailed Notes.
	247- 248	2	<u>OS</u> 02-19 - as given 88 - Blank, but applicable Blank	3556 7 6564	See Detailed Notes.
	249- 250	2	<u>SC OD</u> 01-19 - as given 88 - Blank, but applicable Blank	5813 19 4295	See Detailed Notes.
	251- 252	2	<u>OS</u> 01-19 - as given 88 - Blank, but applicable Blank	5812 20 4295	See Detailed Notes.

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>IF NOT 20/20 PINHOLE (ACUITY)</u>		
	253- 254	2	<u>OD</u> 02-19 - as given 88 - Blank, but applicable Blank	3121 8 6998	Ophthalmology Examination Recording Form See Detailed Notes.
	255- 256	2	<u>OS</u> 02-19 - as given 88 - Blank, but applicable Blank	3083 9 7035	See Detailed Notes.
			<u>MOTILITY</u>		
	257	1	<u>Tropia</u> 1 - Eso 2 - Exo 3 - Neither 8 - Blank, but applicable Blank	123 275 9344 1 384	
	258	1	<u>Tropia</u> 1 - Hyper 2 - Not hyper 8 - Blank, but applicable Blank	61 246 1 9819	
	259	1	<u>Tropia</u> 1 - Comitant 2 - Incomitant 8 - Blank, but applicable Blank	218 31 1 9877	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source	
-07-	260	1	<u>Phoria</u>			
			1 - Eso	175	Ophthalmology Examination Recording Form	
			2 - Exo	1351		
			3 - Neither	8073		
			8 - Blank, but applicable	1		
	Blank	527				
	261	1	<u>Phoria</u>			
			1 - Hyper	38		
			2 - Not hyper	862		
			8 - Blank, but applicable	1		
	262	1	<u>Nystagmus</u>			
			1 - Pendular	3		
2 - Jerk-horiz			21			
3 - Jerk-vert			3			
4 - Jerk-rotary			25			
5 - No nystagmus			9830			
8 - Blank, but applicable			1			
Blank			244			
<u>PUPILS</u>						
263			1	<u>Anisocoria - location</u>		
				1 - OD	25	
	2 - OS	21				
	3 - OU	95				
	Blank	9986				
264	1	<u>Absent light reflex - direct</u>				
		1 - OD	26			
		2 - OS	21			
		3 - OU	17			
		Blank	10063			

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	265	1	<u>Absent light reflex - consensual</u> 1 - OD 2 - OS 3 - OU Blank	21 14 18 10074	Ophthalmology Examination Recording Form
	266	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	35 33 70 9989	
	267	1	<u>No abnormality</u> 1 - OD 2 - OS 3 - OU Blank	33 34 9579 481	
			<u>TONOMETRY (Examinees 20 years and over) (Three readings)</u>		
	268- 269	2	<u>Applanation - OD</u> 06-70 - Reading as given 88 - Blank, but applicable 99 - Unsatisfactory test Blank	5444 15 651 4017	
	270- 271	2	<u>Applanation - OS</u> 05-70 - Reading as given 88 - Blank, but applicable Blank	5437 3 4687	
	272- 273	2	<u>Applanation - OD</u> 05-68 - Reading as given 88 - Blank, but applicable Blank	5174 3 4950	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source	
-42-	274-275	2	<u>Applanation - OS</u> 03-68 - Reading as given 88 - Blank, but applicable Blank	5158 2 4967	Ophthalmology Examination Recording Form	
	276-277	2	<u>Applanation - OD</u> 06-71 - Reading as given 88 - Blank, but applicable Blank	5162 3 4962		
	278-279	2	<u>Applanation - OS</u> 04-68 - Reading as given 88 - Blank, but applicable Blank	5148 2 4977		
	280	1	<u>Dilatation (1 gtt. 10% Phenylephrine OU)</u> 1 - Not dilated 2 - Mydriasis unadequate for fundus copy 3 - Dilatation adequate 4 - 1 + 2 5 - 1 + 3 6 - 2 + 3 8 - Blank, but applicable Blank	522 115 8681 6 16 13 530 244		
			<u>MAXILLARY SINUS TRANSILLUMINATION (For detailed examinees 25-74 years only)</u>			
	281	1	<u>Right</u> 1 - Normal 2 - Dull 3 - Opaque 8 - Blank, but applicable Blank	1142 379 180 140 8286		*



HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	282	1	<u>Left</u> 1 - Normal 2 - Dull 3 - Opaque 8 - Blank, but applicable Blank  <u>REFRACTION - Present Glasses</u>	1146 378 176 141 8286	Ophthalmology Examination Recording Form *
	283	1	<u>Sphere Sign - OD</u> 1 - Plus 2 - Minus 3 - Zero 8 - Blank, but applicable Blank	1734 1270 145 6 6972	
	284- 287	4	<u>Sphere - OD (XX.XX - decimal not shown on tape)</u> 0000-1700 - Diopters as given 8888 - Blank, but applicable Blank	3150 5 6972	
	288	1	<u>Cylinder Sign - OD</u> 1 - Plus 2 - Minus 3 - Zero 8 - Blank, but applicable Blank	1201 838 27 4 8057	
	289- 292	4	<u>Cylinder - OD (XX.XX - decimal not shown on tape)</u> 0000-1500 - Diopters as given 8888 - Blank, but applicable Blank	2065 5 8057	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-77-	293- 295	3	<u>Axis - OD</u> 000-180 - Degrees as given 888 - Blank, but applicable Blank	2035 5 8087	Ophthalmology Examination Recording Form
	296	1	<u>Sphere Sign - OS</u> 1 - Plus 2 - Minus 3 - Zero 8 - Blank, but applicable Blank	1726 1280 127 9 6985	
	297- 300	4	<u>Sphere - OS</u> (XX.XX - decimal not shown on tape) 0000-1700 - Diopters as given 8888 - Blank, but applicable Blank	3135 7 6985	
	301	1	<u>Cylinder Sign - OS</u> 1 - Plus 2 - Minus 3 - Zero 8 - Blank, but applicable Blank	1203 809 35 4 8076	
	302- 305	4	<u>Cylinder - OS</u> (XX.XX - decimal not shown on tape) 0000-0900 - Diopters as given 8888 - Blank, but applicable Blank	2046 5 8076	
	306- 308	3	<u>Axis - OS</u> 000-180 - Degrees as given 888 - Blank, but applicable Blank	2011 5 8111	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>REFRACTION - IF ACUITY LESS THAN 20/40, ANY IMPROVEMENT WITH SPHERES</u>		Ophthalmology Examination Recording Form
	309	1	<u>Sphere Sign - OD</u> 1 - Plus 2 - Minus 3 - Zero 8 - Blank, but applicable Blank	263 243 13 1 9607	
	310- 313	4	<u>Sphere - OD (XX.XX - decimal not shown on tape)</u> 0000-1475 - Diopters as given 8888 - Blank, but applicable Blank	519 1 9607	
	314	1	<u>Cylinder Sign - OD</u> 1 - Plus 2 - Minus 3 - Zero Blank	82 11 47 9987	*
	315- 318	4	<u>Cylinder - OD (XX.XX - decimal not shown on tape)</u> 0000-0450 - Diopters as given Blank	141 9986	*
	319- 321	3	<u>Axis - OD</u> 000-180 - Degrees as given Blank	92 10035	*
	322- 323	2	<u>VA - OD</u> 03-15 - as given 88 - Blank, but applicable Blank	515 3 9609	See Detailed Notes.

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	324- 325	2	<u>PH - OD</u> 03-15 - as given Blank	66 10061	Ophthalmology Examination Recording Form See Detailed Notes.
	326	1	<u>Sphere Sign - OS</u> 1 - Plus 2 - Minus 3 - Zero 8 - Blank, but applicable Blank	244 232 5 5 9641	*
	327- 330	4	<u>Sphere - OS</u> 0000-1400 - Diopters as given 8888 - Blank, but applicable Blank	481 5 9641	
	331	1	<u>Cylinder Sign - OS</u> 1 - Plus 2 - Minus 3 - Zero Blank	74 9 42 10002	*
	332- 335	4	<u>Cylinder - OS (XX.XX - decimal not shown on tape)</u> 0000-0650 - Diopters as given Blank	126 10001	*
	336- 338	3	<u>Axis - OS</u> 005-180 - Degrees as given Blank	84 10043	*
	339- 340	2	<u>VA - OS</u> 02-18 - as given 88 - Blank, but applicable Blank	477 2 9648	See Detailed Notes.

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-47-	341- 342	2	<u>PH - OS</u> 03-18 - as given Blank	54 10073	Ophthalmology Examination Recording Form See Detailed Notes.
			<u>LIDS</u>		*
	343	1	<u>Blepharitis</u> 1 - OD 2 - OS 3 - OU Blank	14 12 234 9867	
	344	1	<u>Angular</u> 1 - OD 2 - OS 3 - OU Blank	3 0 12 10112	
	345	1	<u>Chalazion</u> 1 - OD 2 - OS 3 - OU Blank	23 9 7 10088	
	346	1	<u>Concretions</u> 1 - OD 2 - OS 3 - OU Blank	19 16 120 9972	
	347	1	<u>Ectropion</u> 1 - OD 2 - OS 3 - OU Blank	5 4 13 10105	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-87-	348	1	<u>Entropion</u> 1 - OD 2 - OS 3 - OU Blank	3 0 3 10121	Ophthalmology Examination Recording Form
	349	1	<u>Hordeolum</u> 1 - OD 2 - OS 3 - OU Blank	6 4 2 10115	
	350	1	<u>Ptosis</u> 1 - OD 2 - OS 3 - OU Blank	36 32 10 10049	
	351	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	133 125 216 9653	
	352	1	<u>No Abnormality</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	101 112 8920 1 993	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>GLOBE</u>		Ophthalmology Examination Recording Form
	353	1	<u>Enucleation</u>		
			1 - OD	9	
			2 - OS	6	
			3 - OU	0	
			Blank	10112	
	354	1	<u>Exophthalmos</u>		
			1 - OD	3	
			2 - OS	1	
			3 - OU	25	
			Blank	10098	
	355	1	<u>Microphthalmos</u>		
			1 - OD	0	
			2 - OS	1	
			3 - OU	3	
			Blank	10123	
	356	1	<u>Other</u>		
			1 - OD	1	
			2 - OS	7	
			3 - OU	6	
			Blank	10113	
	357	1	<u>No Abnormality</u>		
			1 - OD	9	
			2 - OS	10	
			3 - OU	9823	
			Blank	285	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>CONJUNCTIVA</u>		Ophthalmology Examination Recording Form
	358	1	<u>Bitot's Spot</u> 1 - OD 2 - OS 3 - OU Blank	0 0 3 10124	
			<u>Conjunctivitis</u>		
	359	1	<u>Allergic</u> 1 - OD 2 - OS 3 - OU Blank	3 4 63 10057	
			<u>Follicular</u>		
	360	1	1 - OD 2 - OS 3 - OU Blank	2 1 58 10066	
			<u>Infectious</u>		
	361	1	1 - OD 2 - OS 3 - OU Blank	4 3 11 10109	
			<u>Bacterial</u>		
	362	1	1 - OD 2 - OS 3 - OU Blank	1 1 10 10115	



HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-51-	363	1	<u>Viral</u> 1 - OD 2 - OS 3 - OU Blank	0 0 8 10119	Ophthalmology Examination Recording Form
	364	1	<u>Follicles (no inflammation)</u> 1 - OD 2 - OS 3 - OU Blank	31 37 1238 8821	
	365	1	<u>Inclusions</u> 1 - OD 2 - OS 3 - OU Blank	59 62 429 9577	
	366	1	<u>Pingueculum</u> 1 - OD 2 - OS 3 - OU Blank	53 67 1044 8963	
	367	1	<u>Xerosis</u> 1 - OD 2 - OS 3 - OU Blank	0 1 1 10125	
	368	1	<u>Other</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	53 48 185 1 9840	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	369	1	<u>No Abnormality</u> 1 - OD 2 - OS 3 - OU Blank	83 82 6986 2976	Ophthalmology Examination Recording Form
			<u>SCLERA</u>		
	370	1	<u>Ectasia</u> 1 - OD 2 - OS 3 - OU Blank	2 2 6 10117	
			<u>Episcleritis</u>		
	371	1	1 - OD 2 - OS 3 - OU Blank	0 3 4 10120	
			<u>Scleritis</u>		
	372	1	1 - OD 2 - OS 3 - OU Blank	0 1 1 10125	
			<u>Other</u>		
	373	1	1 - OD 2 - OS 3 - OU Blank	7 5 24 10091	
			<u>No Abnormality</u>		
	374	1	1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	2 6 9829 1 289	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
7	375	1	<u>CORNEA</u>		Ophthalmology Examination Recording Form
			<u>Arcus Senilis</u>		
			1 - OD	8	
			2 - OS	7	
			3 - OU	1236	
Blank	8876				
376	1	1	<u>Band Keratopathy</u>		
			1 - OD	3	
			2 - OS	6	
			3 - OU	6	
			Blank	10112	
377	1	1	<u>Degeneration</u>		
			1 - OD	4	
			2 - OS	6	
			3 - OU	31	
			Blank	10086	
378	1	1	<u>Dystrophy</u>		
			1 - OD	3	
			2 - OS	2	
			3 - OU	7	
			Blank	10115	
379	1	1	<u>Edema - Epithelial</u>		
			1 - OD	8	
			2 - OS	11	
			3 - OU	5	
			Blank	10103	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	380	1	<u>Edema - Stromal</u> 1 - OD 2 - OS 3 - OU Blank	8 8 2 10109	Ophthalmology Examination Recording Form
	381	1	<u>Endothelial KP's</u> 1 - OD 2 - OS 3 - OU Blank	22 21 60 10024	
	382	1	<u>Guttata</u> 1 - OD 2 - OS 3 - OU Blank	7 7 207 9906	
	383	1	<u>Keratitis</u> 1 - OD 2 - OS 3 - OU Blank	8 14 16 10089	
	384	1	<u>Keratomalacia</u> 1 - OD 2 - OS 3 - OU Blank	0 1 0 10126	
	385	1	<u>Krukenberg Spindle</u> 1 - OD 2 - OS 3 - OU Blank	4 10 38 10075	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
7          -55-	386	1	<u>Opacity</u> 1 - OD 2 - OS 3 - OU Blank	71 71 37 9948	Ophthalmology Examination Recording Form
	387	1	<u>Superficial Stromal</u> 1 - OD 2 - OS 3 - OU Blank	124 95 43 9865	
	388	1	<u>Pterygium</u> 1 - OD 2 - OS 3 - OU Blank	76 53 85 9913	
	389	1	<u>Vessels</u> 1 - OD 2 - OS 3 - OU Blank	17 15 16 10079	
	390	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	41 50 175 9861	
	391	1	<u>No Abnormality</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	110 136 7823 1 2057	
	392	1	Work Area		

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>ANTERIOR CHAMBER</u>		Ophthalmology Examination Recording Form
	393	1	<u>Cells</u> 1 - OD 2 - OS 3 - OU Blank	11 11 12 10093	
	394	1	<u>Flare</u> 1 - OD 2 - OS 3 - OU Blank	9 5 11 10102	
	395	1	<u>Other</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	7 10 49 1 10060	
	396	1	<u>No Abnormality</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	9 13 9773 1 331	
			<u>IRIS</u>		
	397	1	<u>Synechia - Anterior</u> 1 - OD 2 - OS 3 - OU Blank	15 12 4 10096	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
7 -57-	398	1	<u>Synechiae - Posterior</u> 1 - OD 2 - OS 3 - OU Blank	14 17 4 10092	Ophthalmology Examination Recording Form
	399	1	<u>Atrophy</u> 1 - OD 2 - OS 3 - OU Blank	4 6 41 10076	
	400	1	<u>Coloboma</u> 1 - OD 2 - OS 3 - OU Blank	17 18 29 10063	
	401	1	<u>Iritis</u> 1 - OD 2 - OS 3 - OU Blank	0 3 0 10124	
	402	1	<u>Neovascularization</u> 1 - OD 2 - OS 3 - OU Blank	2 2 1 10122	
	403	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	36 30 40 10021	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	404	1	<u>No Abnormality</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	31 33 9637 1 425	Ophthalmology Examination Recording Form
	405	1	<u>LENS</u>  <u>Aphakia</u> 1 - OD 2 - OS 3 - OU Blank	17 23 38 10049	
	406	1	<u>CATARACT</u>  <u>Immature</u> 1 - OD 2 - OS 3 - OU Blank	49 41 355 9682	
	407	1	<u>Intumescent</u> 1 - OD 2 - OS 3 - OU Blank	1 6 14 10106	
	408	1	<u>Mature</u> 1 - OD 2 - OS 3 - OU Blank	7 13 4 10103	



HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-59-	409	1	<u>Hypermaturation</u>		Ophthalmology Examination Recording Form
			1 - OD	3	
			2 - OS	3	
			3 - OU	0	
			Blank	10121	
410	1	<u>Morgagnian</u>			
		1 - OD	0		
		2 - OS	1		
		3 - OU	1		
		Blank	10125		
		<u>OPACITY</u>			
411	1	<u>Anterior Polar</u>			
		1 - OD	8		
		2 - OS	9		
		3 - OU	34		
		Blank	10076		
412	1	<u>Cortical</u>			
		1 - OD	65		
		2 - OS	76		
		3 - OU	528		
		Blank	9458		
413	1	<u>Nuclear</u>			
		1 - OD	29		
		2 - OS	24		
		3 - OU	639		
		Blank	9435		

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
414		1	<u>Post Subcapsular</u>		Ophthalmology Examination Recording Form
			1 - OD	39	
			2 - OS	39	
			3 - OU	122	
			Blank	9927	
415		1	<u>Pigment on Surface</u>		
			1 - OD	63	
			2 - OS	61	
			3 - OU	84	
			Blank	9919	
416		1	<u>Other</u>		
			1 - OD	11	
			2 - OS	17	
			3 - OU	28	
			Blank	10071	
417		1	<u>No Abnormality</u>		
			1 - OD	83	
			2 - OS	77	
			3 - OU	8282	
			8 - Blank, but applicable	1	
			Blank	1684	
			<u>VITREOUS</u>		
418		1	<u>Detachment</u>		
			1 - OD	20	
			2 - OS	18	
			3 - OU	67	
			Blank	10022	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-19-	419	1	<u>Hemorrhage</u> 1 - OD 2 - OS 3 - OU Blank	2 3 3 10119	Ophthalmology Examination Recording Form
	420	1	<u>Opacity</u> 1 - OD 2 - OS 3 - OU Blank	44 28 55 10000	
	421	1	<u>Other</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	28 27 57 2 10013	
	422	1	<u>No Abnormality</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	30 33 9564 2 498	
	423	1	<u>RETINA</u> <u>DISC</u> <u>Drusen</u> 1 - OD 2 - OS 3 - OU Blank	6 10 21 10090	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-62-	424	1	<u>Glaucomatous Cup</u> 1 - OD 2 - OS 3 - OU Blank	24 14 34 10055	Ophthalmology Examination Recording Form
	425	1	<u>Neovascularization</u> 1 - OD 2 - OS 3 - OU Blank	3 5 3 10116	
			<u>OPTIC ATROPHY</u>		
	426	1	<u>Primary</u> 1 - OD 2 - OS 3 - OU Blank	4 9 6 10108	
	427	1	<u>Secondary</u> 1 - OD 2 - OS 3 - OU Blank	10 6 5 10106	
	428	1	<u>Papilledema</u> 1 - OD 2 - OS 3 - OU Blank	2 2 3 10120	
	429	1	<u>Papillitis</u> 1 - OD 2 - OS 3 - OU Blank	1 2 1 10123	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-63-	430	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank  <u>MACULA</u>  <u>DEGENERATION</u>	32 30 121 9944	Ophthalmology Examination Recording Form
	431	1	<u>Senile</u> 1 - OD 2 - OS 3 - OU Blank	25 25 133 9944	
	432	1	<u>Disciform</u> 1 - OD 2 - OS 3 - OU Blank	7 5 2 10113	
	433	1	<u>Circinate</u> 1 - OD 2 - OS 3 - OU Blank	2 2 1 10122	
	434	1	<u>Diabetic Involvement</u> 1 - OD 2 - OS 3 - OU Blank	3 3 15 10106	
	435	1	<u>Edema</u> 1 - OD 2 - OS 3 - OU Blank	3 3 1 10120	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-79-	436	1	<u>Hypertensive Involvement</u> 1 - OD 2 - OS 3 - OU Blank	2 2 9 10114	Ophthalmology Examination Recording Form
	437	1	<u>Pigment Epith. Detach</u> 1 - OD 2 - OS 3 - OU Blank	1 2 0 10124	
	438	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	41 40 135 9911	
			<u>VESSELS</u>		
			<u>ARTERIES</u>		
	439	1	<u>Branch Occlusion</u> 1 - OD 2 - OS 3 - OU Blank	3 3 1 10120	
	440	1	<u>Central Occlusion</u> 1 - OD 2 - OS 3 - OU Blank	5 4 1 10117	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	441	1	<u>General Narrow (1-4)</u> 1 - OD 2 - OS 3 - OU Blank	9 10 530 9578	Ophthalmology Examination Recording Form
	442	1	<u>Sclerosis (1-4)</u> 1 - OD 2 - OS 3 - OU Blank  <u>VEINS</u>	10 14 882 9221	
	443	1	<u>Branch Occlusion</u> 1 - OD 2 - OS 3 - OU Blank	4 4 1 10118	
	444	1	<u>Central Occlusion</u> 1 - OD 2 - OS 3 - OU Blank	2 2 1 10122	
	445	1	<u>Dilatation</u> 1 - OD 2 - OS 3 - OU Blank, but applicable Blank	3 7 120 1 9996	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	446	1	<u>Sausaging</u> 1 - OD 2 - OS 3 - OU Blank	4 5 48 10070	Ophthalmology Examination Recording Form
	447	1	<u>Sheathing</u> 1 - OD 2 - OS 3 - OU Blank	4 3 5 10115	
	448	1	<u>Tortuosity</u> 1 - OD 2 - OS 3 - OU Blank	8 3 119 9997	
			<u>CAPILLARIES</u>		
	449	1	<u>Microaneurysms</u> 1 - OD 2 - OS 3 - OU Blank	8 7 18 10094	
	450	1	<u>Neovascularization</u> 1 - OD 2 - OS 3 - OU Blank	3 5 7 10112	
	451	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	5 6 23 10093	



## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>EXUDATES</u>		Ophthalmology Examination Recording Form
	452	1	<u>Cotton Wool</u> 1 - OD 2 - OS 3 - OU Blank	9 5 7 10106	
	453	1	<u>Hard</u> 1 - OD 2 - OS 3 - OU Blank	15 10 33 10069	
	454	1	<u>Waxy</u> 1 - OD 2 - OS 3 - OU Blank	5 2 3 10117	
	455	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	2 2 3 10120	
			<u>HEMORRHAGES</u>		
	456	1	<u>Choroidal</u> 1 - OD 2 - OS 3 - OU Blank	3 1 0 10123	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
457		1	<u>Preretinal</u>		Ophthalmology Examination Recording Form
			1 - OD	3	
			2 - OS	1	
			3 - OU	1	
			Blank	10122	
458		1	<u>Deep-Retinal</u>		
			1 - OD	6	
			2 - OS	2	
			3 - OU	11	
			Blank	10108	
459		1	<u>Superficial-Retinal</u>		
			1 - OD	9	
			2 - OS	14	
			3 - OU	10	
			Blank	10094	
460		1	<u>Other</u>		
			1 - OD	0	
			2 - OS	2	
			3 - OU	0	
			Blank	10125	
			<u>PIGMENT CHANGES</u>		
461		1	<u>Choroidal</u>		
			1 - OD	14	
			2 - OS	12	
			3 - OU	19	
			Blank	10082	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>EPITHELIAL</u>		Ophthalmology Examination Recording Form
	462	1	<u>Atrophy</u> 1 - OD 2 - OS 3 - OU Blank	16 16 32 10063	
	463	1	<u>Hyperplasia</u> 1 - OD 2 - OS 3 - OU Blank	21 22 13 10071	
	464	1	<u>Other</u> 1 - OD 2 - OS 3 - OU Blank	16 15 15 10081	
	465	1	<u>Angioid Streaks</u> 1 - OD 2 - OS 3 - OU Blank	0 1 0 10126	
	466	1	<u>Detachment</u> 1 - OD 2 - OS 3 - OU Blank	5 8 2 10112	
	467	1	<u>Drusen</u> 1 - OD 2 - OS 3 - OU Blank	31 24 241 9831	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
			<u>INFLAMMATION</u>		
	468	1	<u>Chorioretinitis</u>		Ophthalmology Examination Recording Form
			1 - OD	12	
			2 - OS	13	
			3 - OU	8	
			Blank	10094	
	469	1	<u>Active</u>		
			1 - OD	0	
			2 - OS	2	
			3 - OU	1	
			Blank	10124	
	470	1	<u>Inactive</u>		
			1 - OD	20	
			2 - OS	22	
			3 - OU	12	
			Blank	10073	
	471	1	<u>Retrolental Fibroplasia</u>		
			1 - OD	0	
			2 - OS	1	
			3 - OU	1	
			Blank	10125	
	472	1	<u>Other</u>		
			1 - OD	16	
			2 - OS	21	
			3 - OU	104	
			Blank	9986	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
- 71 -	473	1	<u>No Abnormality</u> 1 - OD 2 - OS 3 - OU Blank	102 92 7838 2095	Ophthalmology Examination Recording Form
	474	1	<u>Not Visualized</u> 1 - OD 2 - OS 3 - OU Blank	11 11 2 10103	
	475	1	Blank - Work area		
	476	1	<u>Ophthalmic Diagnosis</u> 1 - Incomplete exam 2 - No abnormality 3 - Abnormality 4 - 1 and 2 both checked 5 - 1 and 3 both checked Blank	495 4958 3933 315 178 248	
	477	1	<u>Amblyopia</u> 1 - Present Blank	257 9870	
	478	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 8 - Blank, but applicable Blank	197 50 1 9879	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	479	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed 8 - Blank, but applicable Blank	35 52 118 1 9921	Ophthalmology Examination Recording Form
	480	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	82 94 34 1 9916	
	481- 486	6	<u>Condition Code</u> 616100-789900 - Code as given 990000-997076 - Code as given Blank	3933 8 6186	See Detailed Notes.
	487	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code 8 - Blank, but applicable Blank	678 2169 986 7 6287	See Detailed Notes.
	488	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed 8 - Blank, but applicable Blank	366 333 2161 7 7260	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
	489	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	745 654 2424 7 6297	Ophthalmology Examination Recording Form
	490-495	6	<u>Condition Code</u> 616100-789900 - Code as given 990000-999974 - Code as given Blank	2013 6 8108	See Detailed Notes.
	496	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code 8 - Blank, but applicable Blank	289 964 713 4 8157	See Detailed Notes.
	497	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed 8 - Blank, but applicable Blank	142 136 988 4 8857	
	498	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	335 349 1279 4 8160	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-74-	499-504	6	<u>Condition Code</u> 616100-789998 - Code as given 990000-999900 - Code as given Blank	1133 1 8993	Ophthalmology Examination Recording Form See Detailed Notes.
	505	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code Blank	116 421 567 9023	See Detailed Notes.
	506	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed Blank	48 72 430 9577	
	507	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU Blank	178 161 750 9038	
	508-513	6	<u>Condition Code</u> 616100-789900 - Code as given 990000-999900 - Code as given Blank	666 4 9457	See Detailed Notes.
	514	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code Blank	62 191 406 9468	See Detailed Notes.



## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-75-	515	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed Blank	20 33 204 9870	Ophthalmology Examination Recording Form
	516	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU Blank	116 96 433 9482	
	517- 522	6	<u>Condition Code</u> 616100-789900 - Code as given 990000-999900 - Code as given Blank	382 1 9744	See Detailed Notes.
	523	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code Blank	21 67 291 9748	See Detailed Notes.
	524	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed Blank	8 16 64 10039	
	525	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU Blank	80 65 218 9764	

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
					Ophthalmology Examination Recording Form
	520-531	6	<u>Condition Code</u> 626000-789900 - Code as given Blank	191 9936	See Detailed Notes.
	532	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code 8 - Blank, but applicable Blank	5 18 165 1 9938	See Detailed Notes.
	533	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed 8 - Blank, but applicable Blank	0 5 19 1 10102	
	534	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	46 40 93 1 9947	
	535-540	6	<u>Condition Code</u> 636000-789900 - Code as given Blank	95 10032	See Detailed Notes.
	541	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code Blank	1 3 91 10032	See Detailed Notes.

## HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
-77-	542	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed Blank	0 1 3 10123	Ophthalmology Examination Recording Form
	543	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU Blank	34 20 38 10035	
	544- 549	6	<u>Condition Code</u> 652000-789900 - Code as given Blank	51 10076	See Detailed Notes.
	550	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code Blank	1 4 46 10076	See Detailed Notes.
	551	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed Blank	0 2 2 10123	
	552	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU Blank	19 18 11 10079	

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
					Ophthalmology Examination Recording Form
	553-558	6	<u>Condition Code</u> 650000-786400 - Code as given Blank	31 10096	See Detailed Notes.
	559	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code Blank	2 1 27 10097	See Detailed Notes.
	560	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed Blank	0 2 1 10124	
	561	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU Blank	10 11 6 10100	
	562-567	6	<u>Condition Code</u> 636000-789900 - Code as given Blank	17 10110	See Detailed Notes.
	568	1	<u>Condition decreases vision</u> 1 - Yes 2 - No 3 - National Eye Institute Code Blank	0 1 16 10110	See Detailed Notes.

HEALTH AND NUTRITION EXAMINATION SURVEY (HANES I)

Item #	Tape Loc.	No. of Positions	ITEM DESCRIPTION & CODES	Control Counts	HANES I Data Source
7	569	1	<u>Treatment</u> 1 - Needed 2 - Under care 3 - Not needed Blank	0 1 0 10126	Ophthalmology Examination Recording Form
	570	1	<u>Eye Affected</u> 1 - OD 2 - OS 3 - OU 8 - Blank, but applicable Blank	0 0 0 0 10127	
-79-	571-650	80	Blank - Data User Work Area		

DETAILED NOTES

TAPE POSITION 10

Size of Place

Size of place classification was derived from the 1960 census. According to the definition used in the 1960 census, the urban population was comprised of all persons living in (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, villages and towns (except towns in New York, New England, and Wisconsin); (b) the densely settled urban fringe, whether incorporated or unincorporated, of urbanized areas; (c) towns in New England and townships in New Jersey and Pennsylvania which contained no incorporated municipalities as subdivisions and had either 2,500 inhabitants or more, or a population of 2,500 to 25,000 and a density of 1,500 persons or more per square mile; (d) counties in states other than the New England states, New Jersey, and Pennsylvania, that had no incorporated municipalities within their boundaries and had a density of 1,500 persons per square mile; and (e) unincorporated places of 2,500 inhabitants or more not included in any urban fringe. The remaining population was classified as rural.

Urban areas are further classified by population size for places within urbanized areas and other places outside urbanized areas.

DETAILED NOTES

TAPE POSITION 11

SMSA

A standard metropolitan statistical area is basically a county or a group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to the 1960 Census, they are socially and economically integrated with the central city. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities.

DETAILED NOTES  
TAPE POSITIONS 22 AND 103

Race

The race of the respondent was marked by observation and it was assumed the race of all related persons was the same as the respondent unless otherwise learned. The race categories were "White", "Negro" or "other." If the appropriate category could not be marked by observation, then race was asked. Persons of races other than White or Negro, such as Japanese, Chinese, American Indian, Korean, Hindu, Eskimo, etc. were reported as "Other." Mexicans were included with "White" unless definitely known to be American Indian or of other nonwhite race.



DETAILED NOTES

TAPE POSITIONS 34-35

Total Family Income Group

The income group represents the total combined family income for the past twelve (12) months. It includes income from all sources such as wages, salaries, social security or retirement benefits, help from relatives, rent from property and so forth. The income groups were not reconciled to the component parts (tape positions 36-94). The income component parts were not asked when the gross income was greater than \$6,999 per annum. However, amounts greater than \$6,999 appear in tape positions 37-40, 67-70, and 72-75. Some respondents reported a loss of income from their nonfarm business, professional practice, partnership or farm and this explains why some data fields are greater than \$6,999, but the individual total in tape positions 91-94 does not exceed this figure.

DETAILED NOTES

TAPE POSITIONS 95-99

Family Unit Code

All related sample persons in the same family unit have the same computer generated family unit code. This will enable detailed analysis of the individual family unit.

DETAILED NOTES  
TAPE POSITIONS 110-111

UNITED STATES			OUTLYING AREAS OF THE U.S.	
	Standard Abbreviation	Code	Name of Place	Code
ALABAMA	Ala.	01	American Samoa	60
ALASKA	Alaska	02	Canal Zone	61
ARIZONA	Ariz.	04	Canton and Enderbury Islands	62
ARKANSAS	Ark.	05	Caroline Islands	63
CALIFORNIA	Calif.	06	Cook Islands	64
COLORADO	Colo.	08	Gilbert and Ellice Islands	65
CONNECTICUT	Conn.	09	Guam	66
DELAWARE	Del.	10	Johnston Atoll	67
DIST. OF COLUMBIA	D.C.	11	Line Islands - Southern	68
FLORIDA	Fla.	12	Mariana Islands	69
GEORGIA	Ga.	13	Marshall Islands	70
HAWAII	Hawaii	15	Midway Islands	71
IDAHO	Idaho	16	Puerto Rico	72
ILLINOIS	Ill.	17	Ryukyn Islands - Southern	73
INDIANA	Ind.	18	Swan Islands	74
IOWA	Iowa	19	Tokelau Islands	75
KANSAS	Kans.	20	U.S. Misc. Caribbean	76
KENTUCKY	Ky.	21	U.S. Misc. Pacific Islands	77
LOUISIANA	La.	22	Virgin Islands	78
MAINE	Maine	23	Wake Islands	79
MARYLAND	Md.	24	Cuba	80
MASSACHUSETTS	Mass.	25	West Indies	81
MICHIGAN	Mich.	26	North America	91
MINNESOTA	Minn.	27	South America	92
MISSISSIPPI	Miss.	28	Europe	93
MISSOURI	Mo.	29	Africa	94
MONTANA	Mont.	30	Asia	95
NEBRASKA	Nebr.	31	Australasia	96
NEVADA	Nev.	32	Pacific Islands	97
NEW HAMPSHIRE	N.H.	33		
NEW JERSEY	J.J.	34		
NEW MEXICO	N. Mex.	35		
NEW YORK	N.Y.	36		
NORTH CAROLINA	N.C.	37		
NORTH DAKOTA	N. Dak.	38		
OHIO	Ohio	39		
OKLAHOMA	Okla.	40		
OREGON	Oreg.	41		
PENNSYLVANIA	Pa.	42		
RHODE ISLAND	R.I.	44		
SOUTH CAROLINA	S.C.	45		
SOUTH DAKOTA	S. Dak.	46		
TENNESSEE	Tenn.	47		
TEXAS	Tex.	48		
UTAH	Utah	49		
VERMONT	Vt.	50		
VIRGINIA	Va.	51		
WASHINGTON	Wash.	53		
WEST VIRGINIA	W. Va.	54		
WISCONSIN	Wis.	55		
WYOMING	Wyo.	56		

DETAILED NOTES

TAPE POSITIONS 132-134 AND 135-137

Industry and Occupation Codes

A person's occupation may be defined as his principal job or business. For this survey purpose, the principal job or business of a respondent is defined in one of the following ways: If the person worked during the two week interview period or had a job or business, the question concerning his occupation (or work) applies to his job during that period. If the respondent held more than one job, the question is directed to the one at which he spent the most time. It refers to the one he considers most important when equal time is spent at each job. A person who has not begun work at a new job, is looking for work, or is on layoff from work is questioned about his last full-time civilian job. A full-time job is defined as one at which the person spent 35 or more hours per week and which lasted two consecutive weeks or more. A person who has a job to which he has not yet reported and has never had a previous job or business is classified as a "new worker."

The 1970 census of population Alphabetical Index of Industries and Occupations was used in the coding of both the industry and occupation.

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DETAILED NOTES

TAPE POSITION 146

Land used for farming purposes (Code 1 in Tape Position 146) was identified as being rural land (Code 2 in Tape Position 13) consisting of 10 or more acres (Code 1 in Tape Position 14) with crop sales amounting to \$50 or more (Code 2 in Tape Position 15), or rural land (Code 2 in Tape Position 13) consisting of less than 10 acres (Code 2 in Tape Position 14) with crop sales amounting to \$250 or more (Code 3 in Tape Position 16). All Other land is classified as nonfarm (Code 2 in Tape Position 146).

DETAILED NOTES

TAPE POSITIONS 147-149

Poverty Index--Income status was determined by the Poverty Income Ratio (PIR). Poverty statistics published in the Census Bureau reports<sup>1/</sup> were based on the poverty index developed by the Social Security Administration in 1964. (For a detailed discussion of the SSA poverty standards, see reference 2.) Modifications in the definition of poverty were adopted in 1969.<sup>3/</sup> The standard data series in poverty for statistical use by all executive departments and establishments has been established.<sup>4/</sup>

The two components of the PIR are the total income of the household (numerator) and a multiple of the total income necessary to maintain a family with given characteristics on a nutritionally adequate food plan<sup>3/</sup> (denominator). The dollar value of the denominator of the PIR is constructed from a food plan (economy plan) necessary to maintain minimum recommended daily nutritional requirements. The economy plan is designated by the Department of Agriculture for "emergency or temporary use when funds are low."

For families of three or more persons, the poverty level was set at three times the cost of the economy food plan. For smaller families and persons living alone, the cost of the economy food plan was adjusted by the relatively higher fixed expenses of these smaller households.

The denominator or poverty income cutoff adjusts the family poverty income maintenance requirements by the family size, the sex of the family head, the age of the family head in families with one or two members, and the place of residence (farm, nonfarm). Annual revisions of the poverty income cutoffs are based on the changes in the average cost of living as reflected in the Consumer Price Index.

As shown in the table, the annual income considered to be the poverty level increases as the family size increases. A family with any combination of characteristics and with the same income as shown in the table has been designated as having a PIR or poverty level of 1.0. The same family with twice the income found in the table would have a PIR of 2.0. Ratios of less than 1.0 can be described as "below poverty," ratios greater than or equal to 1.0, as "at or above poverty."

Poverty thresholds are computed on a national basis only. No attempt has been made to adjust these thresholds for regional, State, or other local variation in the cost of living (except for the farm, nonfarm difference). None of the noncash public welfare benefits such as food stamp bonuses or free food commodities are included in the income of the low income families receiving these benefits.

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<sup>1/</sup>Current Population Reports, "Consumer Income," Series P-60, No. 77, May 7, 1971

<sup>2/</sup>Orshansky, M.: "Counting the Poor: Another Look at the Poverty Profile," Social Security Bulletin, January 1965; "Who's Who Among the Poor: A Demographic View of Poverty," Social Security Bulletin, July 1965.

<sup>3/</sup>Current Population Reports, "Special Studies," Series P-23, No. 28, August 12, 1969.

<sup>4/</sup>Circular No. A-46, Transmitted Memorandum No. 9, Executive Office of the President, Bureau of the Budget, August 29, 1969, and Exhibit L (rev.).

DETAILED NOTES  
TAPE POSITIONS 147-149

Weighted average thresholds at the low income level in 1971 by size of family and sex of head, by farm-nonfarm residence

Size of family	Total	Nonfarm			Farm		
		Total	Male <sup>1</sup> head	Female <sup>1</sup> head	Total	Male <sup>1</sup> head	Female <sup>1</sup> head
All unrelated individuals-----	\$2,033	\$2,040	\$2,136	\$1,978	\$1,727	\$1,783	\$1,569
Under 65 years-----	2,093	2,098	2,181	2,017	1,805	1,853	1,715
65 years and over-----	1,931	1,940	1,959	1,934	1,652	1,666	1,643
All families-----	3,700	3,724	3,764	3,428	3,235	3,242	3,079
2 persons-----	2,612	2,633	2,641	2,581	2,219	2,224	2,130
Head under 65 years-----	2,699	2,716	2,731	2,635	2,317	2,322	2,195
Head 65 years and over-----	2,424	2,448	2,450	2,437	2,082	2,081	2,089
3 persons-----	3,207	3,229	3,246	3,127	2,745	2,749	2,627
4 persons-----	4,113	4,137	4,139	4,116	3,527	3,528	3,513
5 persons-----	4,845	4,880	4,884	4,837	4,159	4,159	4,148
6 persons-----	5,441	5,489	5,492	5,460	4,688	4,689	4,656
7 persons or more-----	6,678	6,751	6,771	6,583	5,736	5,749	5,516

<sup>1</sup>For unrelated individuals, sex of the individual.

SOURCE: U.S. Department of Commerce, Social and Economic Statistics Administration, U.S. Bureau of the Census "Characteristics of the Low Income Population: 1971," Current Population Reports, Series P-60, No. 86, p. 18.

DETAILED NOTES

TAPE POSITION 150

Region

The United States was divided into four broad geographic regions of approximately equal population. Those regions, which deviate somewhat from the groups used by the Bureau of the Census, are as follows:

<u>Region</u>	<u>States Included</u>
Northeast	Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, and Pennsylvania
South	Delaware, Maryland, District of Columbia, West Virginia, Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Arkansas
Midwest	Ohio, Illinois, Indiana, Michigan, Wisconsin, Minnesota, Iowa, Missouri
West	Washington, Oregon, California, Nevada, New Mexico, Arizona, Texas, Oklahoma, Kansas, Nebraska, North Dakota, South Dakota, Idaho, Utah, Colorado, Montana, and Wyoming.



## DETAILED NOTES

### TAPE POSITIONS 158-193

HANES is a multistage, stratified, probability sample of loose clusters of persons in land-based segments. In addition, HANES is composed of two distinct examination components—a nutrition screening examination (taken by all examinees) and a more detailed examination taken by a pre-selected subsample of all examinees, ages 25-74. For the nutrition screening examination, locations 1-35 and 1-65 constituted national probability samples and for the detailed examination, locations 1-35, 1-65, 66-100 and 1-100 all constitute national probability samples. In other words, HANES is composed of six distinct subsamples of the U.S. population. For a more detailed discussion of the sample design see Series 1, No. 10a.

Since each of these six subsamples is a distinct subsample of the U.S. population, each subsample requires a different set of weights. The weights are based upon the probability of selection into the sample, adjustments for nonresponse and further adjustments to approximate the U.S. noninstitutionalized population as of the midpoint of each subsample.

In order to select all of those examinees in a particular subsample, i.e. received a particular exam component, it is necessary to exclude all examinees with a weight of zero or blank. It is also necessary to exclude all zero or blank weights because that is the only way to differentiate missing data due to nonresponse from data that is missing because the sample design dictated that a particular examinee was not supposed to receive a particular examination component.

It is suggested that any analyses that are desired by the researcher be performed using the greatest number of examinees possible; that is, if the researcher is interested in an exam component of the nutrition screening examination he should use the weight and consequently the data from the 65 location subsample rather than the 35 location subsample. For the detailed examination, the researcher should use the 100 location subsample rather than one of the others. However, some exam components were only done in a particular subsample; for example, only at the first 35 locations. In that case, the researcher has no choice in selecting a particular subsample.

There may be occasions when a researcher may want to make comparisons of estimates obtained from various subsamples. For example, the prevalence of some disease condition as estimated from the first 35 locations could be compared with an estimate based upon locations 66-100. The researcher may also want to formulate hypotheses using one subsample and test those hypotheses using another subsample.

DETAILED NOTES

TAPE POSITIONS 226-231, 232-237, 238-243,  
481-486, 490-495, 499-504, 508-513, 517-522,  
526-531, 535-540, 544-549, 553-558 AND 562-567

Ophthalmic Disease Code (ODC)

Each code is six digits long, all numerical. Digits 1 and 2 refer to the site of the disease or injury. Digits 3 and 4 refer to the type of disease, injury, or surgical or nonsurgical treatment. Digits 5 and 6 refer to the etiology of disease, agent or injury, nonsurgical or surgical treatment indicator, and postoperative state indicator. A description of the adaptation of the ophthalmic disease code (ODC) for the Health and Nutrition Examination Survey is enclosed. Further information regarding the ODC is available from the National Eye Institute, Office of Biometry and Epidemiology, Building 31, Room 6A-20, 9000 Rockville Pike, Bethesda, Maryland 20014.

DETAILED NOTES

TAPE POSITIONS 245-246, 247-248,  
249-250, 251-252, 253-254, 255-256,  
322-323, 324-325, 339-340, 341-342

<u>Acuity</u>	<u>Code</u>
20/10	01
20/15	02
20/20	03
20/25	04
20/30	05
20/40	06
20/50	07
20/60	08
20/70	09
20/80	10
20/100	11
20/200	12
20/400	13
Finger counting	15
Hand movement	16
Light perception with projection	17
Bare light perception with projection	18
No light perception or anophthalmos	19

DETAILED NOTES

TAPE POSITIONS 487, 496, 505, 514,  
523, 532, 541, 550, 559, AND 568

The code of "3" and the corresponding condition code was assigned by the headquarters staff of the National Eye Institute based on a review of the record.

## OPHTHALMIC DISEASE CODE ADAPTED FOR HANES (ODCA)

## Numerical Listing

This listing contains codes for the diagnostic terms which examiners recorded in the history and diagnosis sections (Sections A and T) of the ophthalmology examinations and their replicates for Stands 1 through 35 of HANES. It also contains terms which the examiners did not record.

## CROSS REFERENCES, SITE NOT SPECIFIED

.. .. Cicatrix--See scar  
 .. .. Crescent or crest, disc--See Conus  
 .. .. Double vision--See Diplopia  
 .. .. Detachment, retina, aphakic--See Aphakia and Detachment, retina  
 .. .. Hypersensitive, Hypersensitivity--See Allergy or specific condition  
 .. .. Pigment, Pigmentary disturbance--See Pigment, Pigmentary changes of part of eye involved  
 .. .. 29 Adenovirus infection  
 .. .. 4. Injury--See Trauma or specific condition  
 .. .. 51 Sensitivity to drops or ointment--See Allergy to drops or ointment  
 .. .. 98 Operation, Operative procedure, history of--See Postoperative state  
 .. .. 98 Postoperative state, not listed--For missing digits, see the condition for which operation was done. /If operation was for trauma of unspecified type, code both trauma and postoperative state in History, Section A/  
 .. .. 98 Postoperative state, tumor--See Tumor  
 .. .. 98 Scar, surgical--See Postoperative state  
 .. .. 98 Surgery, history of--See Postoperative state  
 .. .. 1. Congenital anomaly, defect, malformation--See Anomaly, congenital, or specific condition  
 .. .. 42 .. Dirt in eyes--See Foreign body of part of eye involved  
 .. .. 42 98 Postoperative state, foreign body removal--See Foreign body, removed, of part of eye involved  
 .. .. 43 42 Burn, lime--See Burn, alkali, of part of eye involved  
 .. .. 5. .. Neoplasm--See Tumor or specific condition

## 61. REFRACTIVE ERROR

61 00 00 Error, refractive NOS  
 61 00 09 Emmetropia  
 61 00 09 Error, refractive, none  
 61 01 96 \*Therapy, nonsurgical, contact lens  
 61 02 96 \*Therapy, nonsurgical, visual aids  
 61 61 00 Changes, myopic (central) (macular)  
 61 61 00 Conus, disc, myopic (atrophic) (choroidal) (chorioretinal) (peripapillary) (pigment, -ary) (retinal) (temporal)  
 61 61 00 Myopia NOS  
 61 61 00 Myopia, simple  
 61 61 00 Myopic changes (atrophic) (peripapillary) (temporal)  
 61 61 00 Myopic conus (atrophic) (peripapillary) (temporal)  
 61 61 00 Myopic crescent (atrophic) (peripapillary) (temporal)  
 61 61 00 Myopic cup  
 61 61 00 Myopic disc (atrophic) (peripapillary) (temporal)  
 61 61 00 Myopic pigment atrophy, (choroid) (epithelium)  
 61 61 00 Myopic thinning, pigment epithelium  
 61 61 00 Pigment crest (myopic)  
 61 62 00 Hypermetropia  
 61 63 00 Astigmatism  
 61 65 00 Anisometropia  
 61 65 00 Aniseikonia  
 61 99 00 Error, refractive, type specified, NEC

62. ORBIT

62 00 00 Disease, orbit NOS  
 62 00 00 Pain, periorbital  
 62 00 40 Trauma, orbit NEC or NOS (floor)  
 62 00 97 \*Surgery, orbit  
 62 00 98 Postoperative state, orbit NOS  
 62 10 00 Anomaly, congenital, orbit NOS  
 62 19 00 Anomaly, congenital, orbit, type specified NEC  
 62 19 00 Exophthalmos, congenital  
 62 14 00 Hypertelorism  
 62 20 00 Inflammation, orbit (acute) (chronic) (subacute)  
 62 21 00 Cellulitis, orbit NOS  
 62 22 00 Abscess, orbit NOS  
 62 41 40 Trauma, periorbital, penetrating  
 62 42 40 Foreign body, orbit NOS (metallic)  
 62 42 49 Foreign body, orbit, retained (metallic)  
 62 42 98 Foreign body, orbit, removed (metallic)  
 62 44 40 Fracture, orbit (blowout) (floor) (ethmoid) (frontal) (lacrimal bone) (maxilla) (palatine) (rim) (sphenoid) (zygoma)  
 62 44 98 Implant, orbital plate  
 62 44 98 Orbital plate implant  
 62 44 98 Postoperative state, fracture, orbit  
 62 50 00 Tumor, orbit NOS  
 62 53 00 Tumor, orbit, benign  
 62 56 00 Tumor, orbit, malignant  
 62 60 .. Exophthalmos, other specified. Refer  
 62 60 00 Exophthalmos NOS  
 62 60 58 Exophthalmos, endocrine  
 62 60 58 Exophthalmos, dysthyroid  
 62 61 00 Exophthalmos, pulsating NOS  
 62 61 74 Exophthalmos, pulsating, due to cavernous sinus thrombosis  
 62 62 00 Enophthalmos (senile)  
 62 62 40 Enophthalmos, traumatic  
 62 63 00 Pseudotumor, orbit  
 62 64 00 Emphysema, orbit  
 62 65 00 Hematoma, orbit  
 62 99 00 Asymmetry, orbit  
 62 99 00 Disease, orbit, type specified NEC  
 62 99 00 Herniation, orbital fat

63. EYELIDS

63 .. .. Eyebrow. /Code as Eyelid/  
 63 00 00 Blinking, infrequent  
 63 00 00 Disease, eyelid NOS  
 63 00 00 Hypertelelevation, eyelid  
 63 00 00 Keloid, eyelid (scar)  
 63 00 00 Mass, eyelid (soft) (subcutaneous)  
 63 00 00 Nodule, eyelid  
 63 00 00 Papule, eyelid  
 63 00 00 Pigment, eyelid (area) (lesion)  
 63 00 00 Scar, eyelid NOS  
 63 00 00 Swelling, eyelid NOS  
 63 00 08 \*Other checked, not described, lids  
 63 00 29 Scar, eyelid, due to smallpox  
 63 00 30 Infection, eyelids NOS  
 63 00 40 Coloboma, eyelid, traumatic  
 63 00 40 Ecchymosis, eyelid  
 63 00 40 Insect bite, eyelid

63 00 40 Scar, eyelid, traumatic  
63 00 40 Trauma, eyelid NEC or NOS  
63 00 97 \*Surgery, eyelid NOS  
63 00 90 Postoperative state, eyelid NOS  
63 10 00 Anomaly, congenital, eyelid NOS  
63 11 00 Entropion, congenital  
63 19 00 Anomaly, congenital, eyelid, type specified NEC  
63 19 00 Distichiasis  
63 19 00 Epicanthus, in Mongolism (fold)  
63 19 00 Epicanthus, absence of (fold)  
63 19 00 Fold, epicanthal, in Mongolism  
63 19 00 Notch, eyelid, congenital  
63 20 .. Swelling, eyelids, allergic--See Blepharitis, allergic  
63 20 00 Blepharitis NOS (acute) (chronic) (subacute)  
63 20 00 Granulated eyelid  
63 20 10 Blepharitis, bacterial, organism not specified (acute) (chronic) (subacute)  
63 20 19 Blepharitis, bacterial, organism specified NEC (acute) (chronic) (subacute)  
63 20 19 Blepharitis, staphylococcal (acute) (chronic) (subacute)  
63 20 20 Blepharitis, viral, organism not specified (acute) (chronic) (subacute)  
63 20 29 Blepharitis, viral, organism specified NEC (acute) (chronic) (subacute)  
63 20 30 Blepharitis, infective, organism not specified (acute) (chronic) (subacute)  
63 20 38 Blepharitis, fungal (acute) (chronic) (subacute)  
63 20 39 Blepharitis, infective, organism specified NEC (acute) (chronic) (subacute)  
63 20 51 Allergy, eyelid, due to medicinal drops or ointment (acute) (chronic) (subacute)  
63 20 51 Blepharitis, allergic, due to medicinal drops or ointment (acute) (chronic) (subacute)  
63 20 52 Allergy, eyelid NOS  
63 20 52 Allergy, eyelid, other than that due to medicinal drops or ointment (acute) (chronic) (subacute)  
63 20 52 Blepharitis, allergic NOS  
63 20 52 Blepharitis, allergic, other than that due to medicinal drops or ointment (acute) (chronic) (subacute)  
63 20 57 Blepharitis, angular (acute) (chronic) (subacute)  
63 21 .. Blepharitis, marginal--See Blepharitis, seborrhic  
63 21 .. Blepharitis, squamous (simple)--See Blepharitis, seborrhic  
63 21 00 Blepharitis, seborrhic (acute) (chronic) (marginal) (simple) (squamous) (subacute)  
63 21 19 Blepharitis, seborrhic, staphylococcal (acute) (chronic) (squamous) (subacute)  
63 29 00 Blepharitis, sebaceous (acute) (chronic) (subacute)  
63 29 00 Blepharitis, other specified type NEC  
63 29 22 Herpes zoster, eyelid  
63 29 68 Acne rosacea blepharitis  
63 29 68 Blepharitis, acne rosacea  
63 30 00 Hordeolum  
63 30 00 Stye  
63 31 00 Chalazion  
63 31 98 Postoperative state, chalazion  
63 32 00 Dermatitis, eyelid (atopic)  
63 32 00 Rash, eyelid, NOS  
63 32 29 Pustule, eyelid, due to chickenpox  
63 33 00 Meibomianitis  
63 35 00 Eczema, eyelid  
63 40 40 Abrasion, eyelid  
63 40 40 Contusion, eyelid  
63 40 40 Erosion, eyelid, traumatic  
63 40 98 Skin graft, eyelid, following trauma  
63 41 40 Laceration, eyelid  
63 42 40 Foreign body, eyelid NOS (metallic)  
63 42 49 Foreign body, eyelid, retained (metallic)  
63 42 98 Foreign body, eyelid, removed (metallic)  
63 43 40 Burn, eyelid NOS  
63 43 41 Burn, eyelid, chemical NOS  
63 43 42 Burn, eyelid, alkali (chemical)  
63 43 43 Burn, eyelid, acid (chemical)  
63 43 46 Burn, eyelid, radiation

63 43 46 Burn, eyelid, physical  
63 50 00 Growth, eyelid  
63 50 00 Tumor, eyelid NOS  
63 53 00 Angioma, eyelid (benign)  
63 53 00 Fibroma, eyelid (cutaneous)  
63 53 00 Hemangioma, eyelid (benign) (strawberry)  
63 53 00 Mole, eyelid (benign) (epidermal) (pedunculated) (pigmented)  
63 53 00 Nevus, eyelid (benign) (compound) (dermal) (intradermal) (margin) (pigmented) (strawberry)  
63 53 00 Papilloma, eyelid (epidermal) (pigmented) (squamous)  
63 53 00 Syringoma, eyelid (benign)  
63 53 00 Tumor, eyelid, benign  
63 56 00 Carcinoma, eyelid (basal cell) (squamous cell)  
63 56 00 Tumor, eyelid, malignant  
63 60 00 Blepharochalasis (senile)  
63 60 00 Dermochalasis  
63 60 00 Dermatochalasis  
63 60 00 Elastosis, eyelid  
63 61 00 Entropion NOS  
63 62 00 Ectropion (senile)  
63 62 40 Ectropion, traumatic  
63 63 00 Symblepharon NOS  
63 64 00 Xanthelasma (eyelid)  
63 65 00 Trichiasis NOS  
63 66 00 Concretion, eyelid  
63 67 00 Cyst, eyelid NOS (epidermal) (epithelial) (inclusion) (sebaceous) (Zeiss gland)  
63 67 00 Milia, Milius, eyelid  
63 67 98 Postoperative state, cyst, eyelid (sebaceous)  
63 99 00 Absent eyelashes (area) (complete) (partial) (self-induced)  
63 99 00 Angioma, spider, eyelid  
63 99 00 Cilia, aberrant  
63 99 00 Cafe au lait spot (area), eyelid  
63 99 00 Disease, eyelid, type specified NEC  
63 99 00 Epicanthus (fold)  
63 99 00 Fold, epicanthal  
63 99 00 Horn, cutaneous, eyelid  
63 99 00 Hypopigmentation, eyelids  
63 99 00 Keratosis, eyelid (sebaceous) (seborrheic) (senile)  
63 99 00 Lagophthalmos (eyelid)  
63 99 00 Molluscum, eyelid (contagiosum) (pseudocarcinomatous) (sebaceous)  
63 99 00 Notch, eyelid  
63 99 00 Nevus, eyelid, spider  
63 99 00 Poliosis, eyelashes  
63 99 00 Retraction, eyelid  
63 99 00 Skin tag, eyelid  
63 99 00 Verruca, eyelid (plana) (vulgaris)  
63 99 00 Wart, eyelid  
63 99 01 Absent eyelashes, secondary to other lid disease  
63 99 01 Blepharospasm, due to light sensitivity or photophobia  
63 99 41 Absent eyelashes, due to chemical not specified as medicinal  
63 99 70 Parkinsonism, eyelid manifestation of

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#### 64. LACRIMAL APPARATUS

64 .. .. Obstruction, nasolacrimal--See Obstruction, lacrimal apparatus  
64 00 00 Disease, lacrimal apparatus NOS (nasolacrimal)  
64 00 00 Epiphora  
64 00 00 Tearing (excessive)  
64 00 40 Trauma, lacrimal apparatus NEC or NOS (nasolacrimal)  
64 00 97 \*Surgery, lacrimal apparatus NEC or NOS (nasolacrimal)



64 00 98 Postoperative state, dacrocystorhinostomy  
64 00 98 Postoperative state, lacrimal apparatus NOS (nasolacrimal)  
64 10 00 Anomaly, congenital, lacrimal apparatus NOS (nasolacrimal)  
64 19 00 Anomaly, congenital, lacrimal apparatus, type specified NEC (nasolacrimal)  
64 20 00 Inflammation, lacrimal apparatus (acute) (chronic) (nasolacrimal) (subacute)  
64 21 00 Dacryoadenitis  
64 25 .. Inflammation, nasolacrimal sac--See Dacryocystitis  
64 25 00 Dacryocystitis  
64 25 30 Dacryocystitis, infective  
64 25 30 Infection, nasolacrimal sac  
64 25 30 Infection, nasolacrimal  
64 42 40 Foreign body, lacrimal apparatus NOS (nasolacrimal) (metallic)  
64 42 49 Foreign body, lacrimal apparatus, retained (nasolacrimal) (metallic)  
64 42 98 Foreign body, lacrimal apparatus, removed (nasolacrimal) (metallic)  
64 50 00 Tumor, lacrimal apparatus NOS (nasolacrimal)  
64 51 00 Tumor, lacrimal gland NOS  
64 52 00 Tumor, lacrimal sac NOS (nasolacrimal)  
64 53 00 Tumor, lacrimal apparatus, benign (nasolacrimal)  
64 54 00 Tumor, lacrimal gland, benign  
64 55 00 Tumor, lacrimal sac, benign (nasolacrimal)  
64 56 00 Tumor, lacrimal apparatus, malignant (nasolacrimal)  
64 57 00 Tumor, lacrimal gland, malignant  
64 58 00 Tumor, lacrimal sac, malignant (nasolacrimal)  
64 60 00 Obstruction, lacrimal apparatus NOS (nasolacrimal)  
64 60 00 Punctum, eyelid, closed or obstructed  
64 60 00 Stenosis, lacrimal apparatus (nasolacrimal)  
64 60 30 Obstruction, lacrimal apparatus, infective (nasolacrimal)  
64 60 30 Stenosis, lacrimal apparatus, infective (nasolacrimal)  
64 60 40 Obstruction, lacrimal apparatus, traumatic (nasolacrimal)  
64 60 40 Stenosis, lacrimal apparatus, traumatic (nasolacrimal)  
64 60 98 Postoperative state, obstruction, lacrimal (nasolacrimal)  
64 60 98 Probing, lacrimal or tear duct  
64 99 00 Cyst, lacrimal gland  
64 99 00 Disease, lacrimal apparatus, type specified NEC (nasolacrimal)

#### 65. CONJUNCTIVA

65 00 00 Disease, conjunctiva NOS  
65 00 00 Dilation, Dilatation, conjunctiva, vessel  
65 00 00 Dilation, Dilatation, conjunctiva, capillary (with venous stasis)  
65 00 00 Gray conjunctiva  
65 00 00 Hyperemia, conjunctiva  
65 00 00 Hyperplasia, conjunctiva  
65 00 00 Hemosiderin, conjunctiva (pigmentation)  
65 00 00 Hypertrophy, conjunctiva, papillary  
65 00 00 Injection, conjunctiva (due to upper respiratory infection)  
65 00 00 Mascara, follicles, conjunctiva (embedded) (particles)  
65 00 00 Micropools, conjunctiva  
65 00 00 Microaneurysm, conjunctiva  
65 00 00 Pale, Pallor, conjunctiva  
65 00 00 Papillae, conjunctiva  
65 00 00 Tortuosity, conjunctival vessels  
65 00 00 Vascularity, increased, conjunctiva  
65 00 00 Vessels, conjunctiva (blood)  
65 00 00 Vasodilation, conjunctiva (red eyes)  
65 00 00 Vascularization, conjunctiva  
65 00 08 "Other" checked, not described, conjunctiva  
65 00 40 Bleb, conjunctiva, traumatic (filtering)  
65 00 40 Trauma, conjunctiva NEC or NOS

65 00 44 Adrenochrome granules, conjunctiva  
65 00 44 Injection, conjunctiva, pharmacologic  
65 00 97 \*Surgery, conjunctiva NOS  
65 00 98 Pigmented lesion, conjunctiva, removal of  
65 00 98 Postoperative state, conjunctiva NOS  
65 10 00 Anomaly, congenital, conjunctiva NOS  
65 19 00 Anomaly, congenital, conjunctiva, type specified NEC  
65 20 00 Conjunctivitis NOS (acute) (angular) (chronic) (follicular) (purulent) (subacute)  
65 20 00 Inflammation, conjunctiva NOS (acute) (chronic) (subacute)--See also Conjunctivitis  
65 20 10 Conjunctivitis, bacterial, organism not specified (follicular) (infection) (infective) (acute) (chronic) (purulent) (subacute)  
65 20 10 Infection, conjunctiva, bacterial, organism not specified (acute) (chronic) (purulent) (subacute)  
65 20 10 Pink eye  
65 20 19 Conjunctivitis, staphylococcal (acute) (chronic) (purulent) (subacute)  
65 20 19 Conjunctivitis, bacterial, organism specified NEC (acute) (chronic) (purulent) (subacute)  
65 20 19 Infection, conjunctiva, bacterial, organism specified NEC (acute) (chronic) (purulent) (subacute)  
65 20 20 Conjunctivitis, rickettsial, organism not specified (acute) (chronic) (infection) (infective) (subacute)  
65 20 20 Conjunctivitis, viral, type not specified (acute) (chronic) (follicular) (infection) (infective) (subacute)  
65 20 20 Infection, conjunctiva, rickettsial, organism not specified (acute) (chronic) (subacute)  
65 20 20 Infection, conjunctiva, viral, organism not specified (acute) (chronic) (subacute)  
65 20 21 Conjunctivitis, due to herpes simplex (acute) (chronic) (infection) (infective) (subacute)  
65 20 24 Conjunctivitis, due to trachoma (acute) (chronic) (infection) (infective) (purulent) (subacute)  
65 20 29 Conjunctivitis, due to inclusion virus (acute) (chronic) (infection) (infective) (subacute)  
65 20 29 Conjunctivitis, rickettsial, organism specified NEC (acute) (chronic) (subacute)  
65 20 29 Conjunctivitis, viral, type specified NEC (acute) (chronic) (subacute)  
65 20 29 Infection, conjunctiva, viral, organism specified NEC (acute) (chronic) (subacute)  
65 20 29 Infection, conjunctiva, rickettsial, organism specified NEC (acute) (chronic) (subacute)  
65 20 29 Infection, conjunctiva, inclusion virus (acute) (chronic) (subacute)  
65 20 30 Conjunctivitis, infective, organism not specified (follicular) (acute) (chronic) (purulent) (subacute)  
65 20 30 Infection, conjunctiva, organism not specified (acute) (chronic) (purulent) (subacute)  
65 20 38 Conjunctivitis, fungal (acute) (chronic) (infection) (infective) (subacute)  
65 20 38 Infection, conjunctiva, fungal (acute) (chronic) (subacute)  
65 20 39 Conjunctivitis, infective, organism specified NEC (acute) (chronic) (follicular) (subacute)  
65 20 39 Infection, conjunctiva, organism specified NEC (acute) (chronic) (purulent) (subacute)  
65 20 40 Conjunctivitis, due to smoke (chemical)  
65 20 41 Conjunctivitis, chemical  
65 20 46 Conjunctivitis, thermal (acetylene torch)  
65 20 51 Allergy, conjunctiva, due to medicinal drops or ointment (acute) (chronic) (follicular) (subacute)  
65 20 51 Conjunctivitis, allergic, due to medicinal drops or ointment (acute) (chronic) (follicular) (subacute)  
65 20 52 Allergy, conjunctiva NOS  
65 20 52 Allergy, conjunctiva, other than that due to medicinal drops or ointment (acute) (chronic) (follicular) (subacute) (vernal)  
65 20 52 Cataract, limbal vernal  
65 20 52 Conjunctivitis, due to hay fever  
65 20 52 Conjunctivitis, allergic, other than that due to medicinal drops or ointment (acute) (chronic) (follicular) (subacute) (vernal)  
65 20 52 Injection, conjunctiva, allergic  
65 20 52 Injection, conjunctiva, due to hay fever  
65 41 40 Laceration, conjunctiva  
65 42 .. Conjunctivitis, due to foreign body (irritation) (traumatic)--See Foreign body, conjunctiva  
65 42 .. Fly, in eye, site not specified--See Foreign body, conjunctiva  
65 42 40 Foreign body, conjunctiva NOS (metallic)  
65 42 49 Foreign body, conjunctiva, retained (metallic)  
65 42 98 Foreign body, conjunctiva, removed (fly) (metallic)  
65 43 40 Burn, conjunctiva NOS  
65 43 41 Burn, conjunctiva, chemical NOS  
65 43 42 Burn, conjunctiva, alkali (chemical)  
65 43 43 Burn, conjunctiva, acid (chemical)  
65 43 46 Burn, conjunctiva, radiation  
65 43 46 Burn, conjunctiva, physical  
65 44 45 Contact lens overwear  
65 44 45 Irritation, conjunctiva, due to contact lens

65 44 45 Vessels, conjunctiva, due to contact lens  
65 50 00 Tumor, conjunctiva NOS  
65 53 00 Hemangioma, conjunctiva (benign)  
65 53 00 Lipoma, conjunctiva  
65 53 00 Nevus, conjunctiva (benign) (caruncle) (cystic) (junctional) (with melanosis) (nonpigmented) (pigmented)  
65 53 00 Tumor, conjunctiva, benign  
65 53 80 Cyst, conjunctiva, dermoid  
65 53 80 Dermoid, conjunctiva (cyst)  
65 53 80 Dermolipoma, conjunctiva  
65 53 98 Postoperative state, nevus, conjunctiva (benign) (pigmented)  
65 56 00 Tumor, conjunctiva, malignant  
65 64 50 Anemic conjunctiva (pale)  
65 64 50 Manifestation of systemic disease, conjunctival  
65 64 68 Manifestation of skin disease, conjunctival  
65 65 00 Hematoma, subconjunctival  
65 65 00 Hemorrhage, subconjunctival  
65 66 00 Hemorrhage, conjunctiva (petechial)  
65 69 00 Melanosis oculi, conjunctiva  
65 70 00 Degeneration, conjunctiva NOS  
65 71 00 Pingueculum  
65 72 00 Pterygium (conjunctiva)  
65 00 00 Cyst, conjunctiva (epithelial) (fluid filled) (inclusion) (lymphatic) (lymphoid) (mucous)  
65 80 45 Cyst, conjunctiva, following surgery  
65 87 40 Opacity, conjunctiva, due to foreign body  
65 67 40 Rust lesion, pigmentation, ring, or stain, conjunctiva  
65 89 00 Scar, conjunctiva  
65 99 00 Disease, conjunctiva, type specified NEC  
65 99 57 Bitot's spot  
65 99 57 Xerosis

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#### 66. EYEBALL

66 00 00 Asymmetry, one eye higher than other (facial)  
66 00 00 Eye higher than other eye  
66 00 08 "Other" checked, not described, globe  
66 00 40 Trauma, eye, multiple sites NEC or NOS  
66 00 97 \*Surgery, eyeball, multiple sites  
66 01 98 Anophthalmos, surgical  
66 01 98 Absent eye, postoperative  
66 01 98 Enucleation  
66 01 98 Evisceration (eye)  
66 10 00 Anomaly, congenital, eye, multiple or generalized NOS  
66 10 23 Anomaly, congenital, eye, multiple or generalized NOS, due to rubella  
66 11 00 Anophthalmos, congenital  
66 12 00 Microphthalmos  
66 19 00 Anomaly, congenital, eye, multiple or generalized, type specified NEC  
66 20 00 Inflammation, diffuse, type not specified (acute) (chronic) (subacute)  
66 21 01 Cyclitic membrane  
66 21 01 Membrane, cyclitic  
66 25 00 Panophthalmitis NOS  
66 30 00 Endophthalmitis NOS  
66 40 40 Trauma, eye, multiple sites, nonpenetrating  
66 41 40 Trauma, eye, multiple sites, penetrating  
66 42 40 Foreign body, intraocular, multiple sites NOS (metallic)  
66 42 49 Foreign body, intraocular, multiple sites, retained (metallic)  
66 42 98 Foreign body, intraocular, multiple sites, removed (metallic)  
66 43 40 Burn, eye, multiple sites NOS  
66 43 41 Burn, eye, multiple sites, chemical NOS  
66 43 42 Burn, eye, multiple sites, alkali (chemical)  
66 43 43 Burn, eye, multiple sites, acid (chemical)

66 43 46 Burn, eye, multiple sites, radiation and physical  
 66 44 98 Anophthalmos, surgical, following injury  
 66 44 98 Absent eye, postoperative, following injury  
 66 44 98 Evisceration (eye) following trauma  
 66 44 98 Enucleation following trauma  
 66 61 01 Buphthalmos. /Code glaucoma also/  
 66 62 .. Prephthisis (bulbi)--See Phthisis  
 66 62 00 Phthisis (bulbi) NOS  
 66 62 40 Phthisis (bulbi), traumatic  
 66 99 00 Disease, eye, generalized, other specified NEC

67. CORNEA

67 .. .. Leukoma (adherent)--See Opacity, cornea  
 67 .. .. Macula, cornea--See Opacity, cornea  
 67 .. .. Nebula, cornea--See Opacity, cornea  
 67 .. .. Scar, cornea--See Opacity, cornea  
 67 00 00 Bullous area, cornea, endothelial  
 67 00 00 Disease, cornea NOS  
 67 00 00 Descemet's membrane, thickened  
 67 00 00 Erosion, cornea (epithelial) (superficial)  
 67 00 00 Fold, Descemet's membrane, cornea (linear)  
 67 00 00 Irregular surface, cornea  
 67 00 00 Membrane, retrocorneal  
 67 00 00 Melanosis, cornea  
 67 00 00 Pigment, cornea (area) (deposit) (Descemet's) (dust) (endothelial) (epithelial) (granules) (limbus) (posterior) (scattered). /If recorded under Opacity, code as Opacity/  
 67 00 00 Stain, staining, cornea (punctate) (superficial)  
 67 00 00 Wrinkle, Descemet's membrane  
 67 00 01 Defect, cornea, due to trichiasis (epithelial)  
 67 00 00 "Other" checked, not described, cornea  
 67 00 40 Stain, staining, cornea, traumatic (superficial)  
 67 00 40 Trauma, cornea NEC or NOS  
 67 00 97 \*Surgery, cornea  
 67 00 98 Opacity, cornea, surgical (limbus)  
 67 00 98 Postoperative state, cornea NOS  
 67 10 00 Anomaly, congenital, cornea NOS  
 67 19 00 Anomaly, congenital, cornea, type specified NEC  
 67 19 00 Embryotoxon, posterior, cornea (prominent Schwalbe's line)  
 67 19 00 Megalocornea  
 67 19 00 Macrocornea  
 67 19 00 Myelinated nerve fibers, cornea  
 67 19 00 Schwalbe's line, prominent  
 67 20 .. Keratoblepharconjunctivitis--See Keratitis  
 67 20 .. Keratoconjunctivitis, other than sicca--See Keratitis  
 67 20 00 Keratitis (acute) (chronic) (inactive) (interstitial) (punctate) (stromal) (subacute) (superficial)  
 67 20 10 Infection, cornea, bacterial, organism not specified (acute) (chronic) (subacute)  
 67 20 10 Keratitis, bacterial, organism not specified (acute) (chronic) (punctate) (subacute)  
 67 20 19 Infection, cornea, bacterial, organism specified NEC (acute) (chronic) (subacute)  
 67 20 19 Keratitis, due to leprosy (interstitial)  
 67 20 19 Keratitis, bacterial, organism specified NEC (acute) (chronic) (punctate) (subacute)  
 67 20 20 Infection, cornea, rickettsial, organism not specified (acute) (chronic) (subacute)  
 67 20 20 Infection, cornea, viral, organism not specified (acute) (chronic) (subacute)  
 67 20 20 Keratitis, rickettsial, organism not specified (acute) (chronic) (punctate) (subacute)  
 67 20 20 Keratitis, viral, organism not specified (acute) (chronic) (punctate) (subacute)  
 67 20 21 Keratitis, due to Herpes (acute) (chronic) (simplex) (subacute)  
 67 20 29 Infection, cornea, rickettsial, organism specified NEC (acute) (chronic) (subacute)  
 67 20 29 Infection, cornea, viral, organism specified NEC (acute) (chronic) (subacute)  
 67 20 29 Keratitis, viral, organism specified NEC (acute) (chronic) (punctate) (subacute)  
 67 20 29 Keratitis, due to measles

67 20 29 Keratitis, rickettsial, organism specified NEC (acute) (chronic) (punctate) (subacute)  
67 20 30 Infection, cornea, organism not specified (acute) (chronic) (subacute)  
67 20 30 Keratitis, infective, organism not specified (acute) (chronic) (punctate) (subacute)  
67 20 38 Infection, cornea, fungal (acute) (chronic) (subacute)  
67 20 38 Keratitis, fungal NEC (acute) (chronic) (punctate) (subacute)  
67 20 38 Keratitis, fungal NOS (acute) (chronic) (punctate) (subacute)  
67 20 39 Infection, cornea, organism specified NEC (acute) (chronic) (subacute)  
67 20 39 Keratitis, infective, organism specified NEC (acute) (chronic) (punctate) (subacute)  
67 20 40 Keratitis, traumatic  
67 20 41 Keratitis, chemical  
67 20 46 Keratitis, due to ultraviolet (arc welding) (light)  
67 20 51 Allergy, cornea, due to medicinal drops or ointment (acute) (chronic) (subacute)  
67 20 51 Keratitis, allergic, due to medicinal drops or ointment (acute) (chronic) (punctate) (subacute)  
67 20 52 Allergy, cornea, NOS  
67 20 52 Allergy, cornea, other than that due to medicinal drops or ointment (acute) (chronic) (subacute)  
67 20 52 Keratitis, allergic NOS (acute) (chronic) (punctate) (subacute)  
67 20 52 Keratitis, allergic, other than that due to medicinal drops or ointment (acute) (chronic) (punctate) (subacute)  
67 29 00 Descemetocoele  
67 30 00 Ulcer, cornea NOS  
67 30 21 Ulcer, cornea, due to Herpes (simplex)  
67 30 30 Ulcer, cornea, due to infection NOS  
67 31 21 Ulcer, cornea, dendritic NOS  
67 31 21 Ulcer, cornea, dendritic due to Herpes (simplex)  
67 31 22 Ulcer, cornea, dendritic, due to Herpes Zoster  
67 32 00 Ulcer, cornea, marginal  
67 33 00 Ulcer, cornea, central  
67 34 00 Ulcer, cornea, geographic  
67 35 00 Ulcer, cornea, peripheral  
67 39 00 Ulcer, cornea, other specified  
67 40 40 Abrasion, cornea (epithelial)  
67 40 45 Abrasion, cornea, due to contact lens (epithelial)  
67 40 45 Edema, cornea, due to contact lens (epithelial)  
67 40 45 Keratitis, punctate, due to contact lens  
67 41 40 Laceration, cornea  
67 42 40 Foreign body, cornea NOS (intracorneal) (metallic) (stain, staining)  
67 42 40 Stain, staining, cornea, due to foreign body  
67 42 49 Foreign body, cornea, retained (intracorneal) (metallic)  
67 42 98 Foreign body, cornea, removed (intracorneal) (metallic)  
67 43 40 Burn, cornea NOS  
67 43 41 Burn, cornea, chemical NOS  
67 43 42 Burn, cornea, alkali (chemical)  
67 43 43 Burn, cornea, acid (chemical)  
67 43 46 Burn, cornea, physical  
67 43 46 Burn, cornea, flash  
67 43 46 Burn, cornea, radiation  
67 44 40 Downgrowth, epithelial, cornea, traumatic  
67 44 45 Downgrowth, epithelial, cornea, following surgery. /Use instead of NOS if person has aphakia, history of cataract surgery, and NO history of trauma/  
67 44 49 Downgrowth, epithelial, cornea NOS  
67 45 40 Flood staining, cornea, traumatic  
67 45 45 Flood staining, cornea, following surgery  
67 45 49 Blood staining, cornea NOS  
67 46 45 Stripping, Descemet's membrane, cornea, due to surgery  
67 50 00 Growth, limbus  
67 50 00 Tumor, cornea NOS  
67 53 00 Tumor, cornea, benign  
67 53 80 Dermoid, cornea (cyst)  
67 56 00 Tumor, cornea, malignant  
67 57 00 Bowen's tumor, cornea  
67 57 00 Tumor, Bowen's, cornea  
67 60 00 Dystrophy, cornea NOS

67 61 00 Keratopathy, band NOS  
67 61 44 Keratopathy, band, due to vitamin D poisoning  
67 61 54 Keratopathy, band, in Still's disease  
67 61 58 Keratopathy, band, due to hyperparathyroidism  
67 61 61 Keratopathy, band, due to sarcoidosis  
67 62 58 Dystrophy, cornea, lipid NOS  
67 62 58 Keratopathy, lipid NOS  
67 62 58 Metabolic deposits, cornea NOS. Excludes: Keratopathy, band  
67 62 83 Dystrophy, cornea, due to cystinosis  
67 62 83 Metabolic deposits, cornea, due to cystinosis  
67 63 00 Dystrophy, Fuch's (cornea) (endothelial) (epithelial) (senile)  
67 64 00 Dystrophy, cornea, Coqan's (epithelial) (maplike) (microcystic)  
67 64 00 Dystrophy, cornea, anterior  
67 64 00 Dystrophy, cornea, epithelial  
67 64 81 Dystrophy, Meesman's, hereditary origin established (cornea) (epithelial)  
67 64 82 Dystrophy, Meesman's NOS (cornea) (epithelial)  
67 65 00 Dystrophy, cornea, stromal (posterior)  
67 65 00 Dystrophy, cornea, macular  
67 65 82 Dystrophy, cornea, lattice  
67 65 82 Degeneration, cornea, lattice  
67 66 .. Limbal gutter, cornea--See Dystrophy, cornea, marginal for missing digits  
67 66 00 Dystrophy, cornea, marginal  
67 66 54 Dystrophy, cornea, marginal, associated with rheumatoid arthritis  
67 66 55 Dystrophy, cornea, marginal, associated with polyarteritis (nodosa)  
67 67 00 Dystrophy, cornea, posterior. Excludes: Fuch's dystrophy  
67 67 00 Dystrophy, cornea, endothelial. Excludes: Fuch's dystrophy  
67 68 00 Cornea guttata (endothelial)  
67 69 00 Dystrophy, Salzmann's nodular, (cornea)  
67 69 00 Dystrophy, cornea, other specified NEC (granular)  
67 70 00 Cornea farinata  
67 70 00 Degeneration, cornea NOS  
67 71 00 Degeneration, cornea, marginal (senile)  
67 71 00 Degeneration, cornea, peripheral (senile)  
67 71 00 Degeneration, cornea, limbal (lipoidal)  
67 72 00 Pterygium, cornea  
67 72 98 Opacity, cornea, surgical, due to removal of pterygium  
67 72 98 Postoperative state, pterygium, cornea  
67 73 00 Keratoconus  
67 74 00 Keratomalacia  
67 75 .. Conjunctivitis sicca--See Keratitis sicca  
67 75 .. Keratoconjunctivitis sicca--See Keratitis sicca  
67 75 00 Dry eye syndrome (dellen)  
67 75 00 Degeneration, cornea, due to drying (dellen)  
67 75 00 Degeneration, cornea, due to deficient tears (dellen)  
67 75 00 Keratitis sicca NOS (punctate)  
67 75 01 Keratitis sicca, secondary to other ocular disease (punctate). /Code also the other ocular disease/  
67 75 01 Keratitis sicca, congenital (punctate). /Code also Congenital anomaly of lacrimal apparatus/  
67 75 01 Keratitis sicca, traumatic (punctate). /Code also Trauma of lacrimal apparatus/  
67 76 00 Drying, precorneal film (dellen) (quick)  
67 76 00 Dry spot, cornea (dellen) (easy or quick development of)  
67 76 00 Tears, deficient, cornea  
67 77 00 Degeneration, cornea, endothelial  
67 80 00 Krukenberg spindle  
67 81 00 Pannus  
67 81 00 Vessels, cornea (blood) (deep) (limbal arcade) (superficial)  
67 81 00 Vascularization, cornea  
67 81 22 Pannus, due to herpes zoster  
67 81 24 Pannus, due to trachoma  
67 81 40 Pannus, traumatic  
67 81 45 Vascularization, filtering bleb, cornea  
67 82 00 Vascular lesion, cornea (epithelial) (fleshy)

67 87 40 Opacity, cornea, due to foreign body (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 87 40 Opacity, cornea, metallic (like)  
67 87 40 Rust lesion, pigmentation, ring, scar, or stain, cornea (stroma) (superficial)  
67 88 40 Opacity, cornea, due to burn NOS (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 88 41 Opacity, cornea, due to burn, chemical NOS (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 88 42 Opacity, cornea, due to burn, alkali (chemical) (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 88 43 Opacity, cornea, due to burn, acid (chemical) (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 88 46 Opacity, cornea, due to burn, physical (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 88 46 Opacity, cornea, due to burn, radiation (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 00 Opacity, cornea NOS (disciform) (endothelial) (epithelial) (limbus) (linear) (microcysts, epithelial) (pigment) (stromal) (superficial)  
67 89 00 Opaque cornea  
67 89 01 Opacity, cornea, due to keratitis (exposure) (marginal) (stromal)  
67 89 01 Opacity, cornea, due to old or healed ulcer  
67 89 10 Opacity, cornea, due to bacterial infection, organism not specified (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 12 Opacity, cornea, due to syphilis (ghost vessels)  
67 89 19 Opacity, cornea, due to Staphylococcus  
67 89 19 Opacity, cornea, due to bacterial infection, organism specified NEC (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 20 Opacity, cornea, due to viral infection, organism not specified (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 21 Opacity, cornea, due to Herpes (simplex) (ulcer)  
67 89 29 Opacity, cornea, due to viral infection, organism specified NEC (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 30 Opacity, cornea, due to infection, organism not specified (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 38 Opacity, cornea, due to fungal infection (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 39 Opacity, cornea, due to infection, organism specified NEC (endothelial) (epithelial) (pigment) (stromal) (superficial)  
67 89 40 Opacity, cornea, due to trauma NEC or NOS (endothelial) (epithelial) (lacerating) (limbus) (pigment) (stromal) (superficial)  
67 89 45 Opacity, cornea, due to contact lens (epithelial) (punctate)  
67 99 00 Bulla, cornea (epithelial)  
67 99 00 Disease, cornea, type specified NEC  
67 99 00 Ectasia, cornea  
67 99 00 Edema, cornea (epithelial) (stromal)  
67 99 00 Girdle, limbal (cornea) (white)  
67 99 00 Girdle of Vogt (cornea) (limbus)  
67 99 00 Hudson-Stahli line (pigmentation)  
67 99 00 KP's (endothelial) (pigment -ed)  
67 99 00 Keratitis, bullous  
67 99 00 Keratopathy, bullous  
67 99 00 Opacity, limbal girdle (cornea) (white)  
67 99 00 Precipitates, keratic (pigment -ed)  
67 99 00 Precipitates, endothelial (pigment -ed)  
67 99 00 Waite-Bestham lines  
67 99 43 Edema, cornea, due to burn, acid (chemical)  
67 99 45 Edema, cornea, due to vitreous touch following surgery (epithelial)

#### 68. SCLERA

68 00 00 Dilation, Dilatation, sclera, vessel  
68 00 00 Disease, sclera NOS  
68 00 00 Episcleral vein, large  
68 00 00 Scar, sclera NOS  
68 00 08 "Other" checked, not described, sclera  
68 00 40 Trauma, sclera NEC or NOS  
68 00 97 \*Surgery, sclera  
68 00 98 Postoperative state, sclera NOS  
68 10 00 Anomaly, congenital, sclera NOS

68 19 00 Anomaly, congenital, sclera, type specified NEC  
68 19 00 Thinning, sclera, congenital  
68 20 00 Scleritis (acute) (chronic) (subacute)  
68 25 00 Episcleritis (acute) (chronic) (subacute)  
68 30 00 Scleromalacia NOS (perforans)  
68 30 54 Scleromalacia in rheumatoid arthritis (perforans)  
68 41 40 Laceration, sclera  
68 42 .. Foreign body, episclera--See Foreign body, sclera  
68 42 40 Foreign body, sclera NOS (metallic)  
68 42 49 Foreign body, sclera, retained (metallic)  
68 42 98 Foreign body, sclera, removed (metallic)  
68 50 00 Tumor, sclera NOS  
68 53 60 Tumor, sclera, benign  
68 56 00 Tumor, sclera, malignant  
68 61 00 Ectasia, scleral NOS (acquired)  
68 61 00 Sclerectasia NOS (acquired)  
68 61 00 Staphyloma, sclera NOS (acquired)  
68 61 01 Ectasia, scleral, secondary to glaucoma (acquired). /Code glaucoma also/  
68 61 01 Sclerectasia, secondary to glaucoma (acquired). /Code Glaucoma also/  
68 61 01 Staphyloma, sclera, secondary to glaucoma (acquired). /Code glaucoma also/  
68 61 40 Ectasia, scleral, traumatic  
68 61 40 Sclerectasia, traumatic (acquired)  
68 61 40 Staphyloma, sclera, traumatic (acquired)  
68 61 45 Sclerectasia, following surgery  
68 62 00 Blue spots, sclera (coloration)  
68 62 00 Melanosis, sclera (benign) (oculi)  
68 62 00 Melanotic lesion, sclera  
68 62 00 Pigmentation, sclera  
68 63 00 Cogan's plaques, sclera  
68 99 00 Disease, sclera, type specified NEC  
68 99 00 Icterus (conjunctiva) (sclera)  
68 99 00 Jaundice (conjunctiva) (sclera)  
68 99 00 Plaque, sclera, calcified (lateral rectus insertion)  
68 99 00 Plaque, sclera (hyaline) (senile)  
68 99 00 Thinning, sclera (localized)  
68 99 00 Translucent areas, sclera  
68 99 00 Yellow (tint), conjunctiva or sclera

#### 69. ANTERIOR CHAMBER AND INTRAOCULAR PRESSURE

69 .. .. Cup, Cupping, glaucomatous (optic disc, nerve head)--See Glaucoma  
69 .. .. Glaucomatous cup, cupping--See Glaucoma  
69 .. .. Glaucoma, borderline--See Glaucoma suspect  
69 .. .. Saucerization, glaucomatous (optic disc) (nerve head)--See Glaucoma  
69 .. 98 Bleb, filtering--See Glaucoma for missing digits  
69 .. 98 Postoperative state, glaucoma--See Glaucoma for missing digits  
69 00 00 Disease, anterior chamber NOS  
69 00 00 Suspicious anterior chamber  
69 00 08 "Other" checked, not described, anterior chamber  
69 00 40 Recession, angle, anterior chamber (traumatic)  
69 00 40 Trauma, anterior chamber NEC or NOS  
69 00 97 \*Surgery, anterior chamber NOS  
69 00 98 Postoperative state, anterior chamber NOS  
69 01 97 \*Paracentesis, anterior chamber  
69 01 98 Postoperative state, paracentesis  
69 10 00 Anomaly, congenital, anterior chamber or intraocular pressure NOS  
69 11 00 Glaucoma, congenital NOS  
69 11 23 Glaucoma, congenital, due to rubella  
69 11 81 Glaucoma, congenital, hereditary origin established



69 19 00 Anomaly, congenital, anterior chamber or intraocular pressure, type specified NEC  
69 19 00 Schwalbe's line, anterior insertion of  
69 20 00 Inflammation, anterior chamber (acute) (chronic) (subacute)  
69 30 00 Hypopyon (anterior chamber)  
69 42 40 Foreign body, anterior chamber NOS (metallic)  
69 42 49 Foreign body, anterior chamber, retained (metallic)  
69 42 98 Foreign body, anterior chamber, removed (metallic)  
69 44 40 Cyst, implantation, anterior chamber, traumatic  
69 44 40 Downgrowth, epithelial, anterior chamber, traumatic  
69 44 45 Cyst, implantation, anterior chamber, following surgery /Use instead of NOS if person has aphakia, history of  
cataract surgery, and NO history of trauma/  
69 44 45 Downgrowth, epithelial, anterior chamber, following surgery. /Use instead of NOS if person has aphakia, history of  
cataract surgery, and NO history of trauma/  
69 44 45 Tube, endothelial, anterior chamber, following surgery (from cornea to iris)  
69 44 49 Cyst, implantation, anterior chamber NOS  
69 44 49 Downgrowth, epithelial, anterior chamber NOS  
69 60 00 Hyphema (anterior chamber) NOS  
69 60 40 Hyphema (anterior chamber), traumatic  
69 60 45 Hyphema (anterior chamber), following surgery  
69 61 00 Flat anterior chamber NOS (with cornea/iris apposition or touch)  
69 61 00 Narrow anterior chamber NOS  
69 61 00 Shallow anterior chamber NOS (with cornea/iris apposition or touch)  
69 61 01 Shallow anterior chamber, due to cataract  
69 61 45 Flat anterior chamber following surgery (with cornea/iris apposition or touch)  
69 61 45 Shallow anterior chamber, following surgery (with cornea/iris apposition or touch)  
69 62 00 Hypotony  
69 62 00 Hypotension, ocular  
69 70 00 Glaucoma NOS  
69 70 50 Glaucoma, associated with systemic disease NOS  
69 70 97 \*Surgery, glaucoma  
69 71 00 Glaucoma, primary NOS  
69 72 00 Glaucoma, open angle (chronic) (primary)  
69 72 00 Glaucoma, wide angle (chronic) (primary)  
69 72 00 Glaucoma, simple or simplex (chronic) (primary)  
69 73 00 Glaucoma, narrow angle (primary)  
69 73 00 Glaucoma, angle closure (primary)  
69 73 00 Glaucoma, closed angle (primary)  
69 74 00 Glaucoma, closed angle, secondary  
69 74 00 Glaucoma, wide angle, secondary  
69 74 00 Glaucoma, narrow angle, secondary  
69 74 00 Glaucoma, secondary NEC  
69 74 00 Glaucoma, open angle, secondary  
69 74 00 Glaucoma, secondary NOS  
69 74 40 Glaucoma, angle recess. /Code also Recession, angle/  
69 74 40 Glaucoma, traumatic (secondary)  
69 74 44 Glaucoma, drug-induced  
69 74 45 Glaucoma, aphakic (secondary). Excludes: Glaucoma, malignant, 69 79 45  
69 75 00 Glaucoma, secondary, pigmentary  
69 76 00 Glaucoma, secondary to uveitis, chronic. /Code etiology of uveitis if known/  
69 76 12 Glaucoma, luetic (secondary)  
69 76 54 Glaucoma, secondary to uveitis, chronic, associated with rheumatoid arthritis  
69 77 00 Glaucoma, phacolytic  
69 77 00 Glaucoma, phacoanaphylactic  
69 78 00 Glaucoma, rubeotic  
69 78 00 Glaucoma, hemorrhagic  
69 78 56 Glaucoma, hemorrhagic, associated with diabetes  
69 78 56 Glaucoma, rubeotic, associated with diabetes  
69 79 45 Glaucoma, malignant  
69 80 00 Posner-Schlossman glaucomatocyclitic crisis  
69 81 00 Glaucoma, absolute  
69 82 00 Glaucoma, juvenile

69 83 00 Glaucoma, pigmentary NOS  
 69 87 00 Glaucoma suspect, open or wide angle (primary)  
 69 87 00 Glaucoma suspect, simple (primary)  
 69 88 00 Glaucoma suspect, narrow angle  
 69 88 00 Glaucoma suspect, angle closure  
 69 88 00 Narrow angle, grade 0, I, or II, or occludable  
 69 88 00 Shallow angle, grade 0, I, or II  
 69 89 00 Elevation, intraocular tension--Code only in history  
 69 89 00 Glaucoma suspect NOS  
 69 89 00 Increase, intraocular tension--Code only in history  
 69 89 00 Tension, intraocular, elevated or increased--Code only in history  
 69 99 00 Cells, anterior chamber (pigment)  
 69 99 00 Disease, anterior chamber, type specified NEC  
 69 99 00 Flare, anterior chamber

70. UVEAL TRACT INFLAMMATION

70 .. .. Choroiditis, other than NOS--See Inflammation, uveal, of type reported  
 70 .. .. Uveitis--See Inflammation, uveal  
 70 .. 40 Inflammation, uveal, traumatic. /See type of uveitis reported for missing digits/  
 70 00 00 Inflammation, uveal NOS  
 70 01 00 Inflammation, uveal, active  
 70 01 40 Inflammation, uveal, traumatic, active  
 70 02 00 Inflammation, uveal, inactive  
 70 02 40 Inflammation, uveal, traumatic, inactive  
 70 03 00 Inflammation, uveal, granulomatous  
 70 03 40 Inflammation, uveal, traumatic, granulomatous  
 70 04 00 Inflammation, uveal, active, granulomatous  
 70 04 40 Inflammation, uveal, traumatic, active, granulomatous  
 70 05 00 Inflammation, uveal, inactive, granulomatous  
 70 05 40 Inflammation, uveal, traumatic, inactive, granulomatous  
 70 06 00 Inflammation, uveal, nongranulomatous  
 70 06 40 Inflammation, uveal, traumatic, nongranulomatous  
 70 07 00 Inflammation, uveal, active, nongranulomatous  
 70 07 40 Inflammation, uveal, traumatic, active, nongranulomatous  
 70 08 00 Inflammation, uveal, inactive, nongranulomatous  
 70 08 40 Inflammation, uveal, traumatic, inactive, nongranulomatous  
 70 1. .. Chorioretinitis, congenital--See Inflammation, uveal, congenital  
 70 1. .. Cyclitis, congenital--See Inflammation, uveal, congenital  
 70 1. .. Iridocyclitis, congenital--See Inflammation, uveal, congenital  
 70 1. .. Iritis, congenital--See Inflammation, uveal, congenital  
 70 1. .. Retinochoroiditis, congenital--See Inflammation, uveal, congenital  
 70 10 00 Inflammation, uveal, congenital NOS  
 70 11 00 Inflammation, uveal, congenital, active  
 70 12 00 Inflammation, uveal, congenital, inactive  
 70 13 00 Inflammation, uveal, congenital, granulomatous  
 70 13 12 Inflammation, uveal, congenital, due to syphilis (granulomatous)  
 70 13 29 Inflammation, uveal, congenital, due to cytomegalic inclusion disease (granulomatous)  
 70 13 31 Inflammation, uveal, congenital, due to toxoplasmosis (granulomatous)  
 70 14 00 Inflammation, uveal, congenital, active, granulomatous  
 70 14 12 Inflammation, uveal, congenital, due to syphilis, active (granulomatous)  
 70 14 29 Inflammation, uveal, congenital, due to cytomegalic inclusion disease, active (granulomatous)  
 70 14 31 Inflammation, uveal, congenital, due to toxoplasmosis, active (granulomatous)  
 70 15 00 Inflammation, uveal, congenital, inactive, granulomatous  
 70 15 12 Inflammation, uveal, congenital, due to syphilis, inactive (granulomatous)  
 70 15 29 Inflammation, uveal, congenital, due to cytomegalic inclusion disease, inactive (granulomatous)  
 70 15 31 Inflammation, uveal, congenital, due to toxoplasmosis, inactive (granulomatous)  
 70 16 00 Inflammation, uveal, congenital, nongranulomatous  
 70 16 23 Inflammation, uveal, congenital, due to rubella (nongranulomatous)

70 17 00 Inflammation, uveal, congenital, active, nongranulomatous  
70 17 23 Inflammation, uveal, congenital, due to rubella, active (nongranulomatous)  
70 18 00 Inflammation, uveal, congenital, inactive, nongranulomatous  
70 18 23 Inflammation, uveal, congenital, due to rubella, inactive (nongranulomatous)  
70 23 00 Inflammation, uveal, lens-induced (granulomatous)  
70 23 40 Inflammation, uveal, lens-induced, following surgery for traumatic cataract (granulomatous)  
70 23 40 Inflammation, uveal, lens-induced, traumatic (granulomatous)  
70 23 45 Inflammation, uveal, lens-induced, following surgery for cataract (granulomatous).  
Excludes: Following surgery for traumatic cataract  
70 23 52 Inflammation, uveal, lens-induced, due to hypermature cataract (granulomatous)  
70 24 00 Inflammation, uveal, lens-induced, active (granulomatous)  
70 24 40 Inflammation, uveal, lens-induced, following surgery for traumatic cataract, active (granulomatous)  
70 24 40 Inflammation, uveal, lens-induced, traumatic, active (granulomatous)  
70 24 45 Inflammation, uveal, lens-induced, following surgery for cataract, active (granulomatous).  
Excludes: Following surgery for traumatic cataract  
70 24 52 Inflammation, uveal, lens-induced, due to hypermature cataract, active (granulomatous)  
70 25 00 Inflammation, uveal, lens-induced, inactive (granulomatous)  
70 25 40 Inflammation, uveal, lens-induced, traumatic, inactive (granulomatous)  
70 25 40 Inflammation, uveal, lens-induced, following surgery for traumatic cataract, inactive (granulomatous)  
70 25 45 Inflammation, uveal, lens-induced, following surgery for cataract, inactive (granulomatous).  
Excludes: Following surgery for traumatic cataract  
70 25 52 Inflammation, uveal, lens-induced, due to hypermature cataract, inactive (granulomatous)  
70 3. . . Ophthalmia, sympathetic--See Inflammation, uveal, sympathetic  
70 3. . . Ophthalmitis, sympathetic--See Inflammation, uveal, sympathetic  
70 33 00 Inflammation, uveal, sympathetic (granulomatous)  
70 33 40 Inflammation, uveal, sympathetic, traumatic (granulomatous)  
70 33 45 Inflammation, uveal, sympathetic, following operation (granulomatous)  
70 34 00 Inflammation, uveal, sympathetic, active (granulomatous)  
70 34 40 Inflammation, uveal, sympathetic, traumatic, active (granulomatous)  
70 34 45 Inflammation, uveal, sympathetic, following operation, active (granulomatous)  
70 35 00 Inflammation, uveal, sympathetic, inactive (granulomatous)  
70 35 40 Inflammation, uveal, sympathetic, traumatic, inactive (granulomatous)  
70 35 45 Inflammation, uveal, sympathetic, following operation, inactive (granulomatous)  
70 5. . . Cyclitis, other than congenital--See Inflammation, uveal, anterior  
70 5. . . Iritis, other than congenital--See Inflammation, uveal, anterior  
70 5. . . Iridocyclitis, other than congenital--See Inflammation, uveal, anterior  
70 50 00 Inflammation, uveal, anterior  
70 51 00 Inflammation, uveal, anterior, active  
70 51 40 Inflammation, uveal, anterior, traumatic, active  
70 52 00 Inflammation, uveal, anterior, inactive  
70 53 00 Inflammation, uveal, anterior, granulomatous  
70 54 00 Inflammation, uveal, anterior, active, granulomatous  
70 55 00 Inflammation, uveal, anterior, inactive, granulomatous  
70 56 00 Inflammation, uveal, anterior, nongranulomatous  
70 57 00 Inflammation, uveal, anterior, active, nongranulomatous  
70 58 00 Inflammation, uveal, anterior, inactive, nongranulomatous  
70 6. . . Chorioretinitis, other than congenital (central) (macular)--See Inflammation, uveal, posterior  
70 6. . . Choroiditis NOS--See Inflammation, uveal, posterior  
70 6. . . Retinchoroiditis, other than congenital--See Inflammation, uveal, posterior  
70 6. 12 Pigment, Pigmentary changes, retina, due to syphilis (bone spicule)--See Inflammation, uveal, posterior,  
due to syphilis  
70 60 00 Inflammation, uveal, posterior  
70 60 12 Inflammation, uveal, posterior, due to syphilis  
70 60 32 Inflammation, uveal, posterior, due to histoplasmosis  
70 61 00 Inflammation, uveal, posterior, active  
70 61 12 Inflammation, uveal, posterior, due to syphilis, active  
70 61 32 Inflammation, uveal, posterior, due to histoplasmosis, active  
70 62 00 Inflammation, uveal, posterior, inactive  
70 62 12 Inflammation, uveal, posterior, due to syphilis, inactive  
70 62 32 Inflammation, uveal, posterior, due to histoplasmosis, inactive  
70 62 40 Inflammation, uveal, posterior, traumatic, inactive

70 63 00 Inflammation, uveal, posterior, granulomatous  
70 63 31 Inflammation, uveal, posterior, due to toxoplasmosis (granulomatous)  
70 64 00 Inflammation, uveal, posterior, active, granulomatous  
70 64 31 Inflammation, uveal, posterior, due to toxoplasmosis, active (granulomatous)  
70 65 00 Inflammation, uveal, posterior, inactive, granulomatous  
70 65 31 Inflammation, uveal, posterior, due to toxoplasmosis, inactive (granulomatous)  
70 66 31 Scar, choriorotinal, due to toxoplasmosis  
70 66 00 Inflammation, uveal, posterior, nongranulomatous  
70 67 00 Inflammation, uveal, posterior, active, nongranulomatous  
70 68 00 Inflammation, uveal, posterior, inactive, nongranulomatous  
70 73 00 Vogt-Koyanagi-Harada's disease (granulomatous)  
70 74 00 Vogt-Koyanagi-Harada's disease, active (granulomatous)  
70 75 00 Vogt-Koyanagi-Harada's disease, inactive (granulomatous)  
70 80 00 Iritis  
70 91 00 Iritis, active  
70 82 00 Iritis, inactive  
70 83 00 Iritis, granulomatous  
70 84 00 Iritis, active, granulomatous  
70 85 00 Iritis, inactive, granulomatous  
70 86 00 Iritis, nongranulomatous  
70 87 00 Iritis, active, nongranulomatous  
70 88 00 Iritis, inactive, nongranulomatous  
70 9. . . Panuveitis--See Inflammation, uveal, other  
70 90 00 Inflammation, uveal, other specified type  
70 91 00 Inflammation, uveal, other specified type, active  
70 92 00 Inflammation, uveal, other specified type, inactive  
70 93 00 Inflammation, uveal, other specified type, granulomatous  
70 94 00 Inflammation, uveal, other specified type, active, granulomatous  
70 95 00 Inflammation, uveal, other specified type, inactive, granulomatous  
70 96 00 Inflammation, uveal, other specified type, nongranulomatous  
70 97 00 Inflammation, uveal, other specified type, active, nongranulomatous  
70 98 00 Inflammation, uveal, other specified type, inactive, nongranulomatous

## 71. IRIS AND PUPIL

71 00 00 Bulge, iris  
71 00 00 Disease, pupil NOS  
71 00 00 Disease, iris NOS  
71 00 00 Dilation, dilatation, pupils (spontaneous)  
71 00 00 Eccentric pupil  
71 00 00 Fibrous tissue, iris (scar) (tuft)  
71 00 00 Vessel, iris, arcuate, large  
71 00 08 "Other" checked, not described, pupils  
71 00 08 "Other" checked, not described, iris  
71 00 40 Iridodialysis  
71 00 40 Rupture, sphincter, iris (muscle) (traumatic)  
71 00 40 Trauma, iris NEC or NOS  
71 00 70 Central nervous system disease manifestation, iris and pupil  
71 00 97 \*Surgery, iris and pupil  
71 00 98 Postoperative state, iris and pupil NOS  
71 10 00 Anomaly, congenital, iris and pupil NOS  
71 11 00 Aniridia  
71 12 00 Coloboma, iris, congenital  
71 13 00 Pupillary membrane, persistent (congenital)  
71 14 00 Pupillary membrane remnant (congenital)  
71 13 00 Remnant, pupillary membrane (congenital)  
71 12 00 Remnant, iris, embryologic  
71 10 00 Retinotoxic, posterior, anterior chamber or iris  
71 10 00 Anomaly, congenital, iris and pupil, type specified NEC

71 19 00 Brushfield spots  
 71 19 00 Marcus-Gunn pupil  
 71 19 00 Tunica vasculosa lentis, iris  
 71 42 40 Foreign body, iris NOS (metallic)  
 71 42 49 Foreign body, iris, retained (metallic)  
 71 42 98 Foreign body, iris, removed (metallic)  
 71 44 40 Atrophy, iris, traumatic  
 71 45 40 Incarceration, iris, traumatic  
 71 45 40 Prolapse, iris, traumatic  
 71 45 45 Incarceration, iris, following operation. Exclude: Incarceration done as treatment for glaucoma  
 71 45 45 Iris, adherent to or drawn to wound, following operation  
 71 45 45 Prolapse, iris, following surgery. /Use instead of NOS if person has aphakia, history of cataract surgery,  
 and NO history of trauma/  
 71 45 49 Prolapse, iris NOS  
 71 50 00 Pigmentation, iris (sector)  
 71 50 00 Tumor, iris NOS  
 71 53 00 Ephelis, iris  
 71 53 00 Freckle, iris  
 71 53 00 Melanosis, iris, benign  
 71 53 00 Nevus, iris (benign)  
 71 53 00 Tumor, iris, benign. Excludes: Neurofibroma  
 71 54 00 Neurofibroma, iris  
 71 56 00 Tumor, iris, malignant  
 71 60 00 Heterochromia (iridis)  
 71 61 00 Atrophy, iris NOS (marginal) (partial) (segmental) (sphincter) (stromal)  
 71 62 01 Atrophy, iris, secondary. /Code also precipitating disease/  
 71 63 00 Atrophy, iris, essential  
 71 66 00 Iridodonesis  
 71 68 00 Coloboma NOS  
 71 68 40 Coloboma, iris, traumatic  
 71 60 98 Coloboma, iris, surgical  
 71 60 98 Iridectomy (sector) (peripheral)  
 71 70 00 Iris bombe  
 71 71 00 Synechia NOS  
 71 72 00 PAS  
 71 72 00 Synechia, anterior (peripheral)  
 71 73 00 Synechia, posterior  
 71 73 00 Seclusion, pupil  
 71 74 00 Neovascularization, iris  
 71 74 00 Rubeosis (iridis)  
 71 80 .. Oval pupil--See Anisocoria  
 71 80 .. Peaked pupil (in certain direction)--See Anisocoria  
 71 80 00 Anisocoria NOS (surgical)  
 71 80 00 Dilation, dilatation, pupil, unilateral  
 71 80 40 Anisocoria, traumatic  
 71 80 40 Dilation, Dilatation, pupil, unilateral, traumatic  
 71 60 40 Hydrasis, traumatic, unilateral  
 71 80 70 Anisocoria due to central nervous system disease  
 71 80 74 Anisocoria, due to intracranial aneurysm  
 71 85 00 Iridoplegia  
 71 05 40 Iridoplegia, traumatic  
 71 88 .. Constriction, pupil--See Miosis  
 71 88 00 Miosis  
 71 80 44 Miosis, due to methadone  
 71 99 00 Cyst, iris  
 71 99 00 Corectopia  
 71 99 00 Disease, pupil, type specified NEC  
 71 99 00 Disease, iris, type specified NEC  
 71 99 00 Ectropion uveae (with pigment layer protrusion into pupil)  
 71 99 00 Entropion uveae  
 71 99 00 Iridoschisis

71 99 00 Nodule, iris  
71 99 00 Pupillary membrane  
71 99 70 Argyll-Robertson pupil  
71 99 70 Disassociation, light-near, pupil

#### 72. CILIARY BODY

72 00 00 Disease, ciliary body NOS  
72 00 40 Trauma, ciliary body NEC or NOS  
72 00 97 \*Surgery, ciliary body  
72 00 98 Postoperative state, cyclocryotherapy NOS  
72 00 98 Postoperative state, cyclodialysis NOS  
72 00 99 Postoperative state, cyclodiathermy NOS  
72 00 98 Postoperative state, ciliary body NOS  
72 10 00 Anomaly, congenital, ciliary body NOS  
72 19 00 Anomaly, congenital, ciliary body, type specified NEC  
72 42 40 Foreign body, ciliary body NOS (metallic)  
72 42 49 Foreign body, ciliary body, retained (metallic)  
72 42 98 Foreign body, ciliary body, removed (metallic)  
72 50 00 Tumor, ciliary body NOS  
72 53 00 Tumor, ciliary body, benign  
72 56 00 Tumor, ciliary body, malignant  
72 60 00 Detachment, ciliary body  
72 99 00 Disease, ciliary body, type specified NEC

#### 73. CHOROID

73 00 00 Disease, choroid NOS  
73 00 40 Tear, choroid (traumatic)  
73 00 40 Trauma, choroid NEC or NOS  
73 00 97 \*Surgery, choroid NOS  
73 00 98 Postoperative state, choroid NOS  
73 10 00 Anomaly, congenital, choroid NOS  
73 11 00 Coloboma, choroid (congenital)  
73 19 00 Anomaly, congenital, choroid, type specified NEC  
73 42 40 Foreign body, choroid NOS (metallic)  
73 42 49 Foreign body, choroid, retained (metallic)  
73 42 98 Foreign body, choroid, removed (metallic)  
73 44 40 Rupture, choroid  
73 50 00 Tumor, choroid NOS  
73 53 00 Nevus, choroid (benign)  
73 53 00 Tumor, choroid, benign  
73 56 00 Tumor, choroid, malignant  
73 60 00 Detachment, choroid  
73 61 81 Choroideremia, hereditary origin established  
73 61 82 Choroideremia NOS  
73 62 00 Atrophy, choroid, gyrate  
73 62 00 Atrophia gyrata  
73 63 00 Drusen, choroid  
73 63 00 Drusen, retina  
73 63 00 Drusen, macula  
73 63 00 Hyaloid excrescence, macula  
73 64 00 Sclerosis, choroidal (central areolar) (peripapillary)  
73 69 00 Atrophy, choroid NOS (focal) (pigment))  
73 70 00 Hemorrhage, choroid  
73 99 00 Disease, choroid, type specified NEC  
73 99 00 Pigment, Pigmentary changes, choroidal (irregularity) (peripapillary)

74. CRYSTALLINE LENS

- 74 .. .. Changes, lens, punctate--See Opacity, lens
- 74 .. .. Ectopia lentis--See Dislocation, lens
- 74 .. .. Luxation, lens (crystalline)--See Dislocation, lens (crystalline)
- 74 .. .. Subluxation, lens (crystalline)--See Dislocation, lens (crystalline)
- 74 .. 45 After-cataract--See Cataract for missing digits
- 74 .. 45 Cataract, secondary, following cataract extraction--See Cataract for missing digits
- 74 .. 45 Remains, Remnants, lens (anterior) (capsule) (crystalline) (posterior)--See Cataract for missing digits
- 74 .. 45 Remains, Remnants, cataract--See Cataract for missing digits
- 74 .. 45 Secondary membrane--See Cataract for missing digits
- 74 .. 98 Aphakia following removal of dislocated lens (crystalline)--See Dislocation, lens for missing digits
- 74 .. 98 Aphakia following cataract extraction--See Cataract for missing digits
- 74 .. 98 Postoperative state, dislocated lens removed--See Dislocation, lens, for missing digits
- 74 .. 98 Postoperative state, cataract extraction--See Cataract for missing digits
- 74 00 00 Aberration, lenticular
- 74 00 00 Disease, lens (crystalline) NOS
- 74 00 08 "Other" checked, not described, lens
- 74 00 97 \*Surgery, lens (crystalline) NOS
- 74 10 00 Anomaly, congenital, lens (crystalline) NOS
- 74 11 00 Cataract, congenital (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 11 23 Cataract, congenital, due to rubella (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 12 00 Cataract, morgagnian, congenital (hyperature)
- 74 13 98 Cataract, congenital, incompletely or partly absorbed following surgery
- 74 15 00 Microphakia
- 74 15 00 Spherophakia
- 74 16 00 Dislocation, lens (crystalline), congenital (anterior) (posterior)
- 74 18 00 Mitterdorf dot or spot (congenital) (lens)
- 74 18 00 Opacity, lens, congenital (anterior) (coronary) (cortical) (crystalline) (embryonal nucleus) (fetal nucleus) (nuclear) (polar) (post. or posterior) (punctate) (scattered) (sclerosis) (subcapsular) (suture)
- 74 18 00 Opacity, lens, Y suture (anterior)
- 74 18 00 Opacity, lens, sutural
- 74 19 00 Anomaly, congenital, lens (crystalline), type specified NEC
- 74 40 40 Trauma, lens (crystalline) NFC or NOS
- 74 42 40 Foreign body, lens (crystalline) NOS (metallic)
- 74 42 49 Foreign body, lens (crystalline), retained (metallic)
- 74 42 98 Foreign body, lens (crystalline), removed (metallic)
- 74 43 46 Cataract, due to infrared (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 44 46 Cataract, due to x-ray (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 45 44 Cataract, due to drug (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 47 40 Cataract, traumatic NOS (anterior) (cortical) (foreign body) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 47 98 Aphakia, traumatic
- 74 48 40 Dislocation, lens (crystalline), traumatic (anterior) (posterior)
- 74 60 00 Cataract NOS (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (snowflake) (stellate) (subcapsular)
- 74 60 50 Cataract, associated with systemic disease NOS (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 60 56 Cataract, diabetic (snowflake)
- 74 60 58 Cataract, metabolic (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)
- 74 60 68 Cataract, senile (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)

74 60 02 Cataract, due to myotonic dystrophy  
74 60 98 Aphakia NOS  
74 62 00 Cataract, morgagnian (hyperature)  
74 63 00 Cataract, secondary  
74 64 01 Cataract complicata (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular)  
74 64 01 Cataract, secondary to other eye disease (anterior) (cortical) (hyperature) (immature) (intumescent) (mature) (nuclear) (polar) (posterior) (subcapsular) /Code also precipitating disease/  
74 64 01 Cataract, complicated  
74 70 00 Dislocation, lens (crystalline) NOS (anterior) (posterior)  
74 71 81 Dislocation, lens (crystalline), in Marfan's, hereditary origin established (anterior) (posterior)  
74 71 02 Dislocation, lens (crystalline), in Marfan's NOS (anterior) (posterior)  
74 72 83 Dislocation, lens (crystalline), in homocystinuria (anterior) (posterior)  
74 75 00 Dislocation, lens (crystalline), other specified NEC  
74 76 00 Exfoliation, lens (crystalline) (true)  
74 77 00 Pseudoexfoliation, lens (capsule) (crystalline)  
74 85 00 Presenile lens change. Exclude: Opacity  
74 85 00 Water cleft, lens  
74 89 00 Opacity, lens (adult nucleus) (anterior) (cortical) (crystalline) (embryonal nucleus) (fetal nucleus) (nuclear) (polar) (post. or posterior) (punctate) (scattered) (sclerosis) (snowflake) (subcapsular)  
74 89 00 Spoking, lens (anterior)  
74 89 00 Sclerosis, nuclear  
74 89 01 Opacity, lens, secondary to other eye disease. /Code also precipitating disease/  
74 89 56 Opacity, lens, diabetic (snowflake)  
74 99 00 Disease, lens (crystalline), type specified NEC  
74 99 00 Pigment, lens surface (capsule) (epithelium) (dust) (granules) (iris) (spicules)  
74 99 40 Pigment, lens surface, traumatic (capsule) (granules) (iris)

#### 75. VITREOUS

75 .. .. Separation, vitreous (posterior)--See Detachment, vitreous  
75 00 00 Disease, vitreous NOS  
75 00 00 Granular vitreous  
75 00 00 Liquefaction, liquid vitreous  
75 00 00 Pigment, vitreous (granules)  
75 00 00 Syneresis (vitreous)  
75 00 08 "Other" checked, not described, vitreous  
75 00 40 Trauma, vitreous NEC or NOS  
75 00 97 \*Surgery, vitreous NOS  
75 00 98 Postoperative state, vitreous NOS  
75 10 00 Anomaly, congenital, vitreous NOS  
75 19 00 Anomaly, congenital, vitreous, type specified NEC  
75 19 00 Opacity, vitreous, congenital (remnant)  
75 19 00 Remnant, vitreous, congenital (opacity)  
75 20 00 Inflammation, vitreous NOS  
75 41 40 Loss of vitreous, traumatic  
75 41 45 Loss of vitreous, due to surgery. /Use instead of NOS if person has aphakia, history of cataract surgery, and NO history of trauma/  
75 41 49 Loss of vitreous NOS  
75 42 40 Foreign body, vitreous NOS (metallic)  
75 42 49 Foreign body, vitreous, retained (metallic)  
75 42 98 Foreign body, vitreous, removed (metallic)  
75 44 .. Herniation, vitreous--See Prolapse, vitreous  
75 44 .. Rupture, hyaloid face, vitreous--See Prolapse, vitreous  
75 44 .. Vitreous touch--See Vitreous adherent to or against cornea  
75 44 40 Prolapse, vitreous, traumatic  
75 44 40 Vitreous in anterior chamber or pupil, traumatic (band)  
75 44 40 Vitreous adherent to or against cornea, traumatic (band)  
75 44 45 Prolapse, vitreous, following surgery. /Use instead of NOS if patient has aphakia, history of cataract



surgery, and NO history of trauma/  
 75 44 45 Vitreous in anterior chamber or pupil, due to surgery (band) (degenerated). /Use instead of NOS if person has aphakia, history of cataract surgery, and NO history of trauma/  
 75 44 45 Vitreous adherent to or against cornea, due to surgery (band). /Use instead of NOS if person has aphakia, history of cataract surgery, and NO history of trauma/  
 75 44 49 Prolapse, vitreous NOS  
 75 44 49 Vitreous adherent to or against cornea (band)  
 75 44 49 Vitreous in anterior chamber or pupil (band) (degenerated)  
 75 45 45 Vitreous in, or adherent, or attached to cataract incision or wound (band)  
 75 60 00 Myalitis, asteroid  
 75 60 00 Opacity, asteroid, vitreous  
 75 61 00 Synchrony scintillans  
 75 62 00 Detachment, vitreous (base) (posterior)  
 75 63 00 Blood, vitreous (old)  
 75 63 00 Hemorrhage, vitreous  
 75 64 00 Floater (vitreous)  
 75 64 00 Muscae volitantes  
 75 64 00 Opacity, vitreous (glass-like) (hemorrhage, due to) (myopic) (retrolental) (vitreous degeneration, due to)  
 75 99 00 Disease, vitreous, type specified NEC  
 75 99 00 Membrane, preretinal, vitreous

#### 76. RETINA

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 76 .. 98 Detachment, retina, postoperative state--See Detachment, retina, for missing digits  
 76 .. 96 Postoperative state, detachment, retina--See Detachment, retina, for missing digits  
 76 00 00 Arterial sclerosis, retina (grade 1, 2, 3, or 4) (vessel)  
 76 00 00 Arteriosclerotic vascular disease, retina  
 76 00 00 Arteriosclerotic retinopathy (grade 1,2,3, or 4)  
 76 00 00 Arteriosclerotic changes, retina (grade 1, 2, 3, or 4) (vessel)  
 76 00 00 Arteriosclerosis, retina (grade 1, 2, 3, or 4) (vessel)  
 76 00 00 Arteriolo-sclerotic retinopathy (grade 1,2,3, or 4)  
 76 00 00 Arteriolo-sclerotic changes, retina (grade 1, 2, 3, or 4) (vessel)  
 76 00 00 Arteriolo-sclerotic changes, retina (grade 1, 2, 3, or 4) (vessel)  
 76 00 00 Arteriolo-sclerotic changes, retina (grade 1, 2, 3, or 4) (vessel)  
 76 00 00 Arteriolar sclerosis, retina (grade 1, 2, 3, or 4) (vessel)  
 76 00 00 Cholesterol plaque, retinal vessels  
 76 00 00 Changes, retinal vessels (grade 1, 2, 3, or 4)  
 76 00 00 Changes, paramacular  
 76 00 00 Dilation, Dilatation, retinal veins  
 76 00 00 Dilation, Dilatation, retinal capillary  
 76 00 00 Disease, retina NOS  
 76 00 00 Edema, retina  
 76 00 00 Exudates, retina (cotton wool) (drusen-like) (hard) (waxy)  
 76 00 00 Generalized narrowing, retinal arteries  
 76 00 00 Hemorrhage, retina (blot) (deep) (flame-shaped) (preretinal) (superficial)  
 76 00 00 Lesion, paramacular  
 76 00 00 Microaneurysms, retina NOS (macula)  
 76 00 00 Narrowing, arterial, arteriolar, retina (general)  
 76 00 00 Neovascularization, retina NOS  
 76 00 00 Paramacular changes, lesion  
 76 00 00 Retina, disease NOS  
 76 00 00 Retinopathy, arteriosclerotic (grade 1, 2, 3, or 4)  
 76 00 00 Retinopathy, arteriolo-sclerotic (grade 1, 2, 3, or 4)  
 76 00 00 Sclerosis, retinal vessels  
 76 00 00 Sausaging, veins, retina  
 76 00 00 Sclerosis, retinal arteries  
 76 00 00 Tortuosity, retinal vessels (arteries) (veins)  
 76 00 00 Vitreoretinal interface change  
 76 00 00 Venous engorgement, retina  
 76 00 00 "Other" checked, not described, exudates, retina

76 00 08 "Other" checked, not described, vessels, retina  
 76 00 08 "Other" checked, not described, retina  
 76 00 08 "Other" checked, not described, macula  
 76 00 08 "Other" checked, not described, hemorrhage, retina  
 76 00 40 Lesion, retinal, traumatic (refractile)  
 76 00 40 Trauma, retina NEC or NOS  
 76 00 41 Trauma, retina, chemical or poison, nontherapeutic or NOS  
 76 00 44 Trauma, retina, chemical or poison, therapeutic (drug)  
 76 00 46 Trauma, retina, x-ray  
 76 00 97 \*Surgery, retina NOS  
 76 00 98 Postoperative state, retina NOS  
 76 10 00 Anomaly, congenital, retina NOS  
 76 10 00 Pigmentation, retina, congenital  
 76 10 00 Spot, retina, congenital  
 76 11 00 Coloboma, retina (congenital)  
 76 12 00 Medullated nerve fibers  
 76 17 00 Myelinated nerve fibers  
 76 13 83 Albinism (ocular)  
 76 14 00 Dialysis, retina, congenital  
 76 14 00 Disinsertion, retina, congenital  
 76 15 00 Color blindness, congenital  
 76 19 00 Anomaly, congenital, retina, type specified NEC  
 76 14 00 Bear track, retinal pigment epithelial hyperplasia (congenital)  
 76 19 00 Pigment epithelial hyperplasia, retina, bear track (congenital)  
 76 19 00 Tortuosity, retinal vessels, congenital (arteries) (veins)  
 76 20 00 Retinitis, activity unknown  
 76 20 00 Sheathing, retinal veins or vessels  
 76 21 00 Retinitis, active  
 76 22 00 Retinitis, inactive  
 76 23 00 Vasculitis, retina (active) (inactive)  
 76 27 00 Coats' disease  
 76 27 00 Disease, Coats'  
 76 28 00 Disease, Eales'  
 76 28 00 Eales' disease  
 76 30 00 Retinopathy, central serous NOS  
 76 30 01 Retinopathy, central serous NOS, tumor underlying. /Code also Tumor of choroid, orbit, or site not specified/  
 76 30 50 Retinopathy, central serous NOS, associated with systemic disease, type not specified  
 76 31 00 Retinopathy, central serous, neuroepithelial detachment  
 76 31 50 Retinopathy, central serous, neuroepithelial detachment, associated with systemic disease NOS  
 76 32 00 Detachment, pigment epithelial (macula) (retina)  
 76 32 00 Retinopathy, central serous, retinal pigment epithelial detachment  
 76 32 50 Retinopathy, central serous, retinal pigment epithelial detachment, associated with systemic disease NOS  
 76 35 00 Retinopathy NOS  
 76 35 53 Retinopathy, due to blood dyscrasias  
 76 35 56 Diabetic involvement, macula  
 76 35 56 Retinopathy, diabetic  
 76 35 64 Arteriolar sclerosis, hypertensive  
 76 35 64 Changes, hypertensive (retina)  
 76 35 64 Involvement, hypertensive, macula  
 76 35 64 Nicking, arteriovenous, retina, hypertensive  
 76 35 64 Retinopathy, hypertensive  
 76 42 40 Foreign body, retina NOS (metallic)  
 76 42 49 Foreign body, retina, retained (metallic)  
 76 42 98 Foreign body, retina, removed (metallic)  
 76 44 40 Commotio retinae  
 76 44 40 Edema, macular, traumatic  
 76 45 40 Hole, macula, traumatic (retina)  
 76 46 40 Detachment, retina, traumatic  
 76 47 40 Detachment, retina, rhegmatogenous, traumatic  
 76 48 40 Detachment, retina, nonrhegmatogenous, traumatic  
 76 50 00 Tumor, retina NOS

76 53 00 Tuberos sclerosis (mulberry lesion)  
76 53 00 Tumor, retina, benign  
76 56 00 Tumor, retina, malignant  
76 60 00 Atrophy, retina (peripapillary)  
76 61 00 Anoid streaks  
76 62 00 Degeneration, retina, peripheral NOS  
76 63 00 Degeneration, retina, peripheral, cystic, cystoid  
76 64 00 Degeneration, retina, peripheral, retinoschisis, senile  
76 65 00 Degeneration, retina, peripheral, lattice  
76 66 00 Degeneration, retina, peripheral, paving stone  
76 67 00 Degeneration, retina, peripheral, other specified (senile)  
76 68 00 Degeneration, retina, myopic  
76 68 00 Myopia, degenerative  
76 68 00 Myopia, pathologic  
76 68 00 Myopia, malignant  
76 68 00 Myopia, progressive  
76 69 00 Degeneration, retina NOS (peripapillary)  
76 70 00 Cyst, macula  
76 70 00 Degeneration, macular (retina) (circinate) (disciform) (pigmentary)  
76 70 00 Hole, macula NOS (retina)  
76 70 40 Degeneration, macular (retina) traumatic (pigmentary)  
76 70 41 Degeneration, macular (retina) due to chemical, nontherapeutic or NOS (pigmentary)  
76 70 44 Degeneration, macular (retina) due to drug (pigmentary)  
76 70 82 Degeneration, macular, hereditary (retina)  
76 71 00 Degeneration, macular (retina) juvenile (pigmentary)  
76 72 00 Degeneration, macular (retina) senile (choroidal) (circinate) (disciform) (pigmentary)  
76 74 00 Hemorrhage, macula NOS  
76 75 00 Retinitis pigmentosa NOS  
76 75 81 Retinitis pigmentosa, hereditary origin established  
76 76 00 Atrophy, peripapillary (disc)  
76 76 00 Conus, disc, atrophic (chorioretinal) (choroidal) (peripapillary) (pigmentary) (retinal)  
76 79 00 Hole, retina  
76 80 00 Occlusion, retinal vessel NOS  
76 81 00 Occlusion, retinal artery NOS  
76 82 00 Occlusion, retinal artery, central  
76 82 40 Occlusion, retinal artery, central, traumatic  
76 83 00 Occlusion, retinal artery, branch  
76 84 00 Occlusion, retinal vein NOS  
76 85 00 Occlusion, retinal vein, central  
76 86 00 Occlusion, retinal vein, branch  
76 87 44 Fibroplasia, retrolental  
76 87 44 Retrolental fibroplasia  
76 88 00 Color blindness, acquired  
76 88 00 Color blindness NOS  
76 89 00 Night blindness  
76 89 00 Night vision, decreased or poor  
76 90 00 Detachment, retina NOS  
76 91 00 Detachment, retina, rhegmatogenous  
76 92 00 Detachment, retina, nonrhegmatogenous  
76 93 00 Disinsertion, retina NOS  
76 93 00 Dialysis, retina NOS  
76 93 40 Disinsertion, retina, traumatic  
76 93 40 Dialysis, retina, traumatic  
76 94 00 Atrophy, pigment epithelial (retina)  
76 94 00 Freckle, retina  
76 94 00 Hyperplasia, pigment epithelial (retina)  
76 94 00 Hypopigmentation, retina  
76 94 00 Pigment, Pigmentation, adjacent to disc (areas)  
76 94 00 Pigment, Pigmentary changes, retina (atrophy) (clumping) (depigmentation) (epithelial) (focal) (freckle) (hyperplasia) (hypopigmentation) (lesion) (mottling) (peripapillary) (spot)  
76 94 00 Salt and pepper fundus

76 94 08 "Other" checked, not described, pigment changes, retina  
 76 94 40 Atrophy, pigment epithelial, traumatic (retina)  
 76 94 40 Hyperplasia, pigment epithelial, traumatic (retina)  
 76 95 00 Atrophy, pigment epithelial, macula  
 76 95 00 Depigmentation, macular  
 76 95 00 Granularity, macula, mottled  
 76 95 00 Hypopigmentation, macula  
 76 95 00 Pigment, Pigmentary changes, macula (accumulation) (atrophy) (clumping) (clumps) (depigmentation) (derangement) (dispersion) (disturbance) (epithelial) (fine) (hyperpigmentation) (irregularity) (mottling) (scattered) (stippling)  
 76 95 00 Stippling, macular (pigment) (pigmentary)  
 76 95 40 Atrophy, pigment epithelial, macula, traumatic  
 76 95 40 Pigment, Pigmentary changes, macula, traumatic (accumulation) (atrophy) (clumping) (clumps) (derangement) (disturbance) (fine) (irregularity) (mottling) (scattered) (stippling)  
 76 95 82 Pigment, Pigmentary changes, macula, hereditary (mottling)  
 76 96 00 Inflammatory lesion, macular, old  
 76 96 00 Scar, macula  
 76 97 00 Scar, chorioretinal or choroid (inactive) (pigment-ary, -ed)  
 76 97 00 Scar, retina (inactive) (peripapillary) (pigment-ary, -ed)  
 76 97 40 Scar, chorioretinal or choroid, traumatic  
 76 99 00 Beaten silver appearance, macula  
 76 99 00 Disease, macula NEC or NOS  
 76 99 00 Disease, retina, type specified NEC  
 76 99 00 Edema, macular NOS  
 76 99 00 Hollenhorst plaque, retina  
 76 99 00 Refractile body or lesion, macula  
 76 99 45 Edema, macular, following surgery (cataract extraction) (cystoid) (retinal detachment surgery)

## 77. OPTIC NERVE

77 .. .. Saucerization, disc or nerve head--See cup, cupping, disc  
 77 00 00 Blurred disc margins  
 77 00 00 Cup, Cupping, disc or nerve head (asymmetric) (one eye more than other) (saucerization)  
 77 00 00 Depigmentation, disc margin  
 77 00 00 Deterioration, optic nerve  
 77 00 00 Disease, optic nerve NOS  
 77 00 00 Elevation, optic disc or nerve head  
 77 00 00 Fibrosis, edge of disc (optic)  
 77 00 00 Irregular disc  
 77 00 00 Pseudopapilledema  
 77 00 00 Pigment, disc (granules) (inferior) (irregularities) (nasal) (spot) (superior) (temporal)  
 77 00 00 Pallor, disc (temporal)  
 77 00 00 Scar, disc  
 77 00 08 "Other" checked, not described, disc  
 77 00 40 Trauma, optic nerve NEC or NOS  
 77 00 41 Trauma, optic nerve, chemical or poison, nontherapeutic or NOS  
 77 00 44 Trauma, optic nerve, chemical or poison, therapeutic (drug)  
 77 00 72 Disease, optic nerve, type not specified, associated with demyelinating disease  
 77 00 77 Disease, optic nerve, type not specified, associated with multiple sclerosis  
 77 00 76 Disease, optic nerve, type not specified, due to intracranial neoplasm (pressure)  
 77 00 97 \*Surgery, optic nerve NOS  
 77 00 90 Postoperative state, optic nerve NOS  
 77 10 00 Anomaly, congenital, optic disc or nerve NOS  
 77 19 00 Anomaly, congenital, optic disc or nerve, vascular or vessel  
 77 19 00 Anomaly, congenital, optic disc or nerve, type specified NEC  
 77 19 00 Bergmeister's papilla  
 77 19 00 Coloboma, disc (congenital) (optic)  
 77 19 00 Cup, Cupping, disc or nerve head, congenital  
 77 19 00 Elliptical disc, congenital  
 77 19 00 Glial membrane, in front of disc

77 19 00 Hyaloid vessel, disc (remnant)  
77 19 00 Hyaloid artery, persistence of, disc  
77 19 00 Loop, vascular, disc (congenital) (inferior temporal artery) (optic)  
77 19 00 Loop, venous, disc, congenital  
77 19 00 Membrane, epipapillary  
77 19 00 Oblique insertion, disc  
77 19 00 Pit, disc (congenital) (optic)  
77 19 00 Papilla, Bergmeister's  
77 19 00 Remnant, hyaloid, disc (fibrotic) (vessel) (system)  
77 19 00 Situs inversus, optic nerve  
77 19 00 Vertically elongated shaped disc (congenital)  
77 20 00 Neuritis, optic NOS  
77 20 41 Neuritis, optic, due to chemical or poison, nontherapeutic or NOS  
77 20 44 Neuritis, optic, due to chemical or poison, therapeutic (drug)  
77 21 00 Papillitis NOS  
77 22 00 Neuritis, retrobulbar NOS  
77 22 41 Neuritis, retrobulbar, due to chemical or poison (nontherapeutic)  
77 22 44 Neuritis, retrobulbar, due to chemical or poison, therapeutic (drug)  
77 22 72 Neuritis, retrobulbar, associated with multiple sclerosis  
77 22 72 Neuritis, retrobulbar, associated with demyelinating disease  
77 42 40 Foreign body, optic nerve NOS (metallic)  
77 42 49 Foreign body, optic nerve, retained (metallic)  
77 42 98 Foreign body, optic nerve, removed (metallic)  
77 50 00 Tumor, optic nerve NOS  
77 53 00 Melanocytoma, optic disc (benign)  
77 53 00 Tumor, optic nerve, benign  
77 56 00 Tumor, optic nerve, malignant  
77 60 00 Papilledema  
77 60 70 Papilledema, due to pseudotumor cerebri  
77 60 76 Papilledema, due to intracranial neoplasm  
77 61 00 Atrophy, optic (nerve) NOS (temporal)  
77 61 40 Atrophy, optic (nerve), traumatic  
77 61 41 Atrophy, optic (nerve), due to chemical or poison, nontherapeutic  
77 61 41 Atrophy, optic (nerve), due to chemical or poison NOS  
77 61 44 Atrophy, optic (nerve), due to chemical or poison, therapeutic (drug)  
77 62 00 Atrophy, optic (nerve), primary NOS  
77 62 40 Atrophy, optic (nerve), traumatic, primary  
77 62 72 Atrophy, optic (nerve), associated with multiple sclerosis (primary)  
77 62 72 Atrophy, optic (nerve), associated with demyelinating disease (primary)  
77 63 00 Atrophy, optic (nerve), secondary NOS (ischemic)  
77 63 40 Atrophy, optic (nerve), traumatic, secondary  
77 64 81 Atrophy, optic (nerve), Leber's, hereditary origin established  
77 64 82 Atrophy, optic (nerve), Leber's NOS  
77 67 00 Colloid bodies, disc  
77 67 00 Drusen, disc (colloid bodies) (hyalin bodies)  
77 67 00 Drusen, optic nerve (colloid bodies) (hyalin bodies)  
77 67 00 Hyalin bodies, disc  
77 70 00 Conus, disc (choroidal) (chorioretinal) (peripapillary) (pigment, -ary) (retinal) (temporal)  
77 99 00 Crescent, disc NOS--Refer  
77 99 00 Disease, optic nerve, type specified NEC  
77 99 00 Neovascularization, disc (optic)  
77 99 00 Pigment clump, disc (nasal)

#### 78. NEUROMUSCULAR

78 .. .. Hypotropia--See Hypertropia  
78 .. .. Paralysis, paresis, extraocular (inferior) (lateral) (left) (medial) (muscle) (oblique) (rectus) (right) (superior)--See Esotropia, exotropia, hypertropia, or strabismus  
78 .. .. Palsy--See Paralysis

78 00 00 Paralysis, Paresis, nerve, abducens, facial, oculomotor, trochlear, third, fourth, sixth, or seventh  
 --See Paralysis, Paresis, cranial nerve

78 00 00 Strabismus, external--See Exotropia

78 00 00 Strabismus, internal--See Esotropia

78 00 00 Weakness, cranial nerve--See Paralysis, Paresis, cranial nerve

78 00 97 \*Surgery, ptosis--See Ptosis for missing digits

78 00 98 Postoperative state, ptosis--See Ptosis for missing digits

78 00 00 Decreased or diminished light reflex

78 00 00 Disease, neuromuscular NOS

78 00 00 Muscles, weak

78 00 00 Orthoptics

78 00 00 Sluggish light reflex

78 00 40 Sluggish light reflex, traumatic

78 00 40 Trauma, neuromuscular NEC or NOS

78 00 97 \*Surgery, neuromuscular NOS

78 00 98 Postoperative state, neuromuscular NOS

78 10 00 Anomaly, congenital, neuromuscular NOS

78 11 00 Nystagmus, congenital (horizontal) (jerk) (pendular) (rotary) (vertical)

78 12 00 Marcus-Gunn phenomenon with ptosis

78 12 00 Marcus-Gunn ptosis

78 12 00 Ptosis, due to cranial nerve paralysis, congenital

78 12 00 Ptosis in Marcus-Gunn phenomenon

78 12 00 Ptosis, congenital

78 13 00 Esotropia, congenital (comitant) (incomitant) (intermittent) (alternating) (with overaction or underaction of oblique)

78 13 99 Postoperative state, esotropia, congenital

78 14 00 Exotropia, congenital (comitant) (incomitant) (intermittent) (alternating) (with overaction or underaction of oblique)

78 14 98 Postoperative state, exotropia, congenital

78 15 00 Hypertropia, congenital (alternating) (comitant) (incomitant) (intermittent) (in left or right lateral gaze) (vertical)

78 15 98 Postoperative state, hypertropia, congenital

78 16 00 Strabismus, congenital

78 16 98 Postoperative state, strabismus, congenital

78 18 00 Paralysis, Paresis, cranial nerve, congenital (abducens) (facial) (oculomotor) (trochlear) (third) (fourth) (sixth) (seventh)

78 19 00 Anomaly, congenital, neuromuscular, type specified NEC

78 19 00 Duane's syndrome

78 40 40 Diplopia, due to concussion

78 40 40 Diplopia, traumatic

78 42 40 Foreign body, neuromuscular NOS (metallic)

78 42 49 Foreign body, neuromuscular, retained (metallic)

78 42 98 Foreign body, neuromuscular, removed (metallic)

78 44 40 Esotropia, traumatic (incomitant) (intermittent) (alternating) (with overaction or underaction of oblique)

78 45 40 Exotropia, traumatic (incomitant) (intermittent) (alternating) (with overaction or underaction of oblique)

78 46 40 Hypertropia, traumatic (alternating) (incomitant) (intermittent) (in left or right lateral gaze) (vertical)

78 60 00 Nystagmus NOS (fixational) (gaze) (horizontal) (jerk) (pendular) (rotary) (vertical)

78 60 97 \*Surgery, nystagmus

78 60 98 Postoperative state, nystagmus

78 61 00 Crossed eye

78 61 00 Strabismus NOS

78 61 00 Squint

78 61 40 Strabismus, traumatic

78 61 97 \*Surgery, strabismus NOS

78 61 98 Postoperative state, strabismus NOS

78 62 00 Esotropia (accommodative) (acquired) (alternating) (comitant) (hyperopic) (incomitant) (intermittent) (with overaction or underaction of oblique)

78 62 00 Turning in of eyes

78 62 45 Esotropia, secondary to surgery

78 62 74 Esotropia, due to cerebrovascular accident or stroke

78 62 97 \*Surgery, esotropia

78 62 98 Postoperative state, esotropia

78 63 00 Esophoria

78 64 00 Exotropia (acquired) (alternating) (comitant) (fever, due to) (incomitant) (intermittent)  
(with overaction or underaction of oblique)

78 64 00 Turning out of eyes

78 64 45 Exotropia, secondary to surgery

78 64 97 \*Surgery, exotropia

78 64 98 Postoperative state, exotropia

78 65 00 Exophoria

78 66 00 Hypertropia (alternating) (comitant) (incomitant) (intermittent) (in left or right lateral gaze) (vertical)

78 66 45 Hypertropia, due to surgery (in left or right lateral gaze) (secondary) (vertical)

78 66 58 Hypertropia, due to thyroid disease (in left or right lateral gaze) (vertical)

78 66 74 Hypertropia, due to cranial nerve paralysis, due to aneurysm

78 66 97 \*Surgery, vertical muscles squint

78 66 98 Postoperative state, hypertropia

78 66 98 Postoperative state, vertical muscles squint

78 67 00 Hyperphoria

78 68 00 Bell's palsy, causing ptosis

78 68 00 Ptosis, due to Bell's palsy (acquired)

78 68 00 Ptosis, senile

78 68 00 Ptosis, due to cranial nerve paralysis

78 68 00 Ptosis, acquired

78 68 00 Ptosis, due to cerebrovascular accident (stroke)

78 68 40 Ptosis, traumatic, due to cranial nerve paralysis

78 68 45 Ptosis, secondary to surgery

78 68 74 Ptosis, due to cranial nerve paralysis, due to aneurysm

78 69 00 Ptosis NOS

78 79 00 Amblyopia, strabismic

78 79 00 Amblyopia, refractive

78 79 00 Amblyopia, due to anisometropia

78 79 00 Amblyopia ex anopsia

78 79 00 Lazy eye

78 80 00 Ophthalmoplegia, total

78 81 00 Ophthalmoplegia, internuclear

78 82 00 Horner's syndrome

78 82 00 Syndrome, Horner's

78 83 00 Raeder's syndrome

78 83 00 Syndrome, Raeder's

78 84 00 Dyskinesia, lid

78 85 00 Cerebellum and eye movements

78 85 00 Movements, eye, and cerebellum

78 86 00 Labyrinth and nystagmus

78 86 00 Nystagmus and labyrinth

78 90 00 Bell's palsy

78 90 00 Paralysis, Paresis, cranial nerve (abducens) (facial) (oculomotor) (trochlear) (third) (fourth) (sixth) (seventh)

78 90 40 Paralysis, Paresis, cranial nerve, traumatic (abducens) (facial) (oculomotor) (trochlear) (third) (fourth) (sixth) (seventh)

78 99 00 Absent light reflex (consensual) (direct)

78 99 00 Disease, neuromuscular, type specified NEC

78 99 72 Diplopia, due to multiple sclerosis

78 99 74 Diplopia, due to cerebrovascular accident

78 99 74 Diplopia, due to intracranial aneurysm

78 99 98 Postoperative state, tic douloureux

78 99 98 Postoperative state, trigeminal neuralgia

99. SITE NOT SPECIFIED

99 00 00 Amaurosis

99 00 00 Amblyopia NOS

99 00 00 Blindness NOS

99 00 00 Cyst, site and type not specified (excretory) (obstructed)

99 00 00 Circulation, impaired, poor, site not specified  
99 00 00 Discharge from eyes. /Code only if causative condition is unknown/  
99 00 00 Diplopia. /Code only if causative condition is unknown/  
99 00 00 Dry eye  
99 00 00 Disease, eye, site and type not specified  
99 00 00 Film, eye (AM) (in) (morning) (on) (over)  
99 00 00 Foreign body sensation  
99 00 00 Itching, eye  
99 00 00 Irritation  
99 00 00 Light, sensitivity to  
99 00 00 NLP (no light perception). /Code only if cause of vision loss is unknown/  
99 00 00 Photophobia  
99 00 00 Pain, eye, site not specified  
99 00 00 Redness, eye (with tearing)  
99 00 00 Skin over eye  
99 00 00 Swelling, eye  
99 00 00 Veil, eye (transient)  
99 00 00 Vision blurred, cloudy, decreased, impaired, nil or poor (associated with heart attack or pregnancy). /Code only if cause of impaired vision is unknown/  
99 00 00 Weak eye  
99 00 10 Infection, eye, site not specified, bacterial, organism not specified  
99 00 19 Staphylococcal infection, eye, site not specified  
99 00 19 Scarlet fever, affecting eye NOS  
99 00 20 Infection, eye, site not specified, viral, virus not specified  
99 00 22 Herpes zoster, site not specified (infection)  
99 00 23 German measles, site and type not specified (noncongenital)  
99 00 30 Infection, eye, site not specified, organism not specified (abscess) (acute) (chronic) (external) (subacute)  
99 00 38 Infection, eye, site not specified, fungal  
99 00 39 Infection, eye, site not specified, organism specified NEC (acute) (chronic) (subacute)  
99 00 40 Black eye  
99 00 40 ED, eye, site not specified  
99 00 40 blow, eye  
99 00 40 Grease splash  
99 00 40 Scratch, eye  
99 00 40 Trauma, eye, site and type not specified (bullet)  
99 00 40 Ulcer, traumatic  
99 00 41 Liquid plumber, eye, site not specified  
99 00 41 Trauma, eye, site not specified, chemical, nonmedicinal  
99 00 48 Birth injury  
99 00 56 Diabetes, site not specified  
99 00 57 Burning eyes, due to poor diet  
99 00 64 Eclampsia with vision disturbance NOS  
99 00 65 Flood vessel broken, burst, or ruptured behind eye  
99 00 65 Blood clot behind the eye  
99 00 70 Amblyopia, due to fever (from infection)  
99 00 70 Dyslexia  
99 00 70 Pseudotumor cerebri  
99 00 70 Scotoma, due to migraine headache (scintillating)  
99 00 70 Water tumor, brain  
99 00 74 Stroke, causing ocular symptoms  
99 00 74 Vision impaired, due to cerebrovascular accident. /If CVA is reported in Section A, assume ocular impairment unless examiner specifically states there was none/  
99 00 81 Disease, eye, site and type not specified, familial or hereditary  
99 00 81 Familial eye disease  
99 00 81 Hereditary eye disease  
99 00 98 Postoperative state, cyst, site and type not specified  
99 00 98 Postoperative state, eye, site and type not specified  
99 10 00 Anomaly, congenital, eye, site and type not specified  
99 10 00 Amblyopia, congenital  
99 10 00 Blindness since birth  
99 10 00 Disease, eye, site and type not specified, congenital



99 10 00 Vision blurred, cloudy, decreased, impaired, nil or poor, since birth  
 99 10 12 Syphilis, congenital, site not specified  
 99 10 23 Anomaly, congenital, eye, site and type not specified, due to rubella  
 99 10 23 Rubella syndrome, site and type of eye anomaly not specified (congenital)  
 99 10 30 Infection, eye, site not specified, congenital or intrauterine, organism not specified  
 99 20 00 Inflammation, eye, site and type not specified (acute) (chronic) (subacute)  
 99 20 00 Pus, eye, site not specified  
 99 20 51 Allergy, site not specified, due to medicinal drops or ointment (atropine) (carbachol) (epinephrine) (eye) (lidocaine) (neosporin) (penicillin) (phospholine iodide) (pilocarpine) (xylocaine) (acute) (chronic) (subacute)  
 99 20 52 Allergy, site not specified, other or NOS (acute) (chronic) (subacute) (vernal)  
 99 20 52 Hay fever, site not specified (acute) (chronic) (subacute) (vernal)  
 99 30 00 Ulcer, eye, site not specified (perforated)  
 99 40 40 Abrasion, eye, site not specified  
 99 40 40 Trauma, eye, site not specified, nonpenetrating. Includes: Abrasion, blunt trauma, concussion, erosion  
 99 41 40 Trauma, eye, site not specified, cutting, lacerating, penetrating, or perforating  
 99 42 40 Cinder, eye, site not specified, not specified if retained or removed (intraocular)  
 99 42 40 Foreign body, eye, site not specified, not specified if retained or removed (intraocular) (metallic)  
 99 42 49 Foreign body, eye, site not specified, retained (intraocular) (metallic)  
 99 42 96 Foreign body, eye, site not specified, removed (intraocular) (metallic)  
 99 43 40 Burn, site not specified NOS  
 99 43 41 Burn, site not specified, chemical NOS  
 99 43 42 Burn, site not specified, alkali (chemical)  
 99 43 43 Burn, site not specified, acid (chemical)  
 99 43 46 Burn, site not specified, radiation  
 99 43 46 Burn, site not specified, physical  
 99 43 46 Burn, site not specified, welder's (arc) (flash)  
 99 43 46 Burn, site not specified, thermal  
 99 43 46 Burn, site not specified, steam  
 99 43 49 Burn, site not specified, powder (due to firecracker)  
 99 50 00 Growth, eye, site not specified  
 99 50 00 Tumor, eye, site not specified NOS  
 99 53 00 Nevus, site not specified (benign)  
 99 53 00 Tumor, eye, site not specified, benign  
 99 55 00 Meningioma, sphenoid ridge  
 99 56 00 Melanoma, site not specified  
 99 56 00 Tumor, eye, site not specified, malignant  
 99 59 00 Tumor, eye, site not specified, metastatic  
 99 59 00 Tumor, eye, site not specified, secondary  
 99 59 00 Ulcer, rodent, secondary in eye (maxillary) (sinus) (skin)  
 99 65 00 Blood vessel broken, burst, or ruptured in eye  
 99 65 00 Hemorrhage, intraocular  
 99 65 00 Hemorrhage, eye, site not specified  
 99 65 00 Rupture, blood vessel, eye, site not specified  
 99 65 40 Hemorrhage, eye, site not specified, traumatic  
 99 65 64 Hemorrhage, intraocular, due to hypertension  
 99 66 00 Thrombosis, eye, site not specified (artery) (vein) (vessel)  
 99 70 .. Visual field defect--See Defect, field  
 99 70 00 Defect, field (visual)  
 99 70 00 Hemianopia, Hemianopsia  
 99 70 40 Defect, field, traumatic (visual)  
 99 70 74 Defect, field, due to cerebrovascular accident (visual)  
 99 70 76 Defect, field, due to meningioma, sphenoid ridge (visual)  
 99 99 00 Disease, eye, site not specified, type specified NEC  
 99 99 00 Drusen, site not specified  
 99 99 74 Ischemic episodes, transient, affecting vision