June 27, 2019

National Health Interview Survey (NHIS) 1963-2018 Public Use Files
Reference Information

The National Center for Health Statistics (NCHS) has released public use microdata files from the NHIS in several different ways over time, such as IBM mainframe tapes and cartridges, CD-ROMs, and as downloadable files from the NCHS Internet website. NCHS's current policy is to release NHIS public use microdata files and documentation only as downloadable files from the NCHS Internet website. NCHS will provide file and documentation updates only at the NCHS Internet website. Thus, the most up-to-date NHIS public use microdata files and documentation are guaranteed to be available only at the NCHS Internet website.

This document provides reference information about the NHIS public use files. This information allows users to determine if files they have downloaded are correct (no corruption occurred during the download process). Reference MD5 checksum values can verify with high confidence that a user possesses the most recent version of a given file. (More information on the MD5 checksums is given below.) Additionally, this document summarizes all differences between the most recent versions of files and previously-released versions of the files in ASCII format on CD-ROM. ASCII CD-ROMs for 1969-1986 NHIS data were released in July 2001, with an update of the 1985 CD-ROM in November 2001. The annual data releases of 1993-2002 NHIS data on CD-ROM included ASCII data. No CD-ROMs have been produced for the NHIS after the 2002 data year. For a complete list of the NHIS data released on CD-ROM, refer to "Summary of NHIS Data File Availability", available on the Internet at
ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/summary.pdf

NHIS data also were released on CD-ROM for use in the Statistical Export and Tabulation System (SETS) for 1987 and later years. The SETS system is no longer supported. However, this document does contain reference information about the NHIS data on the SETS CDs.

Introduction to MD5 checksums:

MD5, or MD5sum, are widely available computer programs that can be used to verify the integrity of a downloaded file by generating a 128 bit checksum for the file that displays as a 32 byte character string. Refer, for example, to:

http://www.fourmilab.ch/md5/

We provide MD5sum values for the currently available NHIS public use files on the Internet, and indicate where there are differences from CD-ROMs for those years when CD-ROMs are available. NCHS recommends that data users verify the integrity of downloaded files by comparing the checksums of downloaded files to the reference values given in this document.

```
2018 MD5 sums:


BFC1C33E42707067ED163676E92CCC7C    FAMILYXX.DAT
0316783B8E5A7299A8B60DE9A7373944    HOUSEHLD.DAT
2C39F22671AFF6180ABF0E8E650331C6    PARADATA.DAT
0FB841C63AD945CE7378778CBEDB7B1B    PERSONSX.DAT
18B677E0DBC2BFED5F1B62D57B9782C4    SAMADULT.DAT
12EE2A2601C6143F4E718DD3E2E8DBC6    SAMCHILD.DAT


2017 MD5 sums:


B9CFCDCC79C0FD65931F5041D57570C0    FAMILYXX.DAT
1FA86A2D428AB0557EE1834FE77D4293    FMLYDISB.DAT
66798790948B258DF36318AB38537851    FUNCDISB.DAT
A0305413CA2A9C5BA47269976ACB23E3    HOUSEHLD.DAT
E0A2F898FAF56488285B59236ED53636    INJPOIEP.DAT
17918368956D921415E7A64CB83DA21C    PARADATA.DAT
F41F442AE25F9F3F804F673B1D3B60B3    PERSONSX.DAT
14E33531FE3ADE5F4A2118A3261EA45F    SAMADULT.DAT
E4CEFCB5C189A30D915EC8B5770E6685    SAMCHILD.DAT

2016 MD5 sums:


2C31847F3B628B2E312511BB01DD4A0D    FAMILYXX.DAT (re-release)
BA3ABE0A9A1FEA08328043CF4C890B6F    FMLYDISB.DAT (re-release)
187D152ECCFDCD3D27A45138B5D427FF    FUNCDISB.DAT (re-release)
E6DFFC743F64F5F6A5D4374A47C7F116    HOUSEHLD.DAT (re-release)
B4DA83B549BEA4E1B286669068ADB164    INJPOIEP.DAT (re-release)
45DD7EE394C1A1F61F084FE4CFA82F71    PARADATA.DAT (re-release)
4067320353AA4887C40CC4CA5B663B76    PERSONSX.DAT (re-release)
8C95B9FC3D687236CAD8DA8F384F6B86    SAMADULT.DAT (re-release)
115B40C303EDB83F5043ACC2C56B6654    SAMCHILD.DAT (re-release)


2015 MD5 sums:


2436CBE0F4D75CF0E4E66F64E1C5A464     CANCERXX.DAT(re-release)
5BDF36836D6E6A6C437DC6C48AD7F62D     FAMILYXX.DAT
ECB87B320B2CB798212A145ED5DFB2C5     FMLYDISB.DAT
EB9CE0E5CAF2CAAED4CE4D7394EDF2ED     FUNCDISB.DAT
47ED514D1E667E405B6DE29BA29A7647     HOUSEHLD.DAT
652D25B50FD6DA6004850CAA69B95236     INJPOIEP.DAT
B326C11F242768DD65BE545997E1636A     PARADATA.DAT
6E778F4E5673E34384129FC657719BA2     PERSONSX.DAT
E4B603261614AE296CC09CA20D193F8D     SAMADULT.DAT
BCD45E0C3676AFC69EB037501D2AA556     SAMCHILD.DAT
```

2014 MD5 sums:

```
86D92AE2DD992DC72196F9D548413070    FAMILYXX.DAT
CB462703EADB0395C5160668AD8677CE    FMLYDISB.DAT
DCAC8E76115D3D4AA0CA98C36727B1EF    FUNCDISB.DAT
5A245921470FD643869E41B061634788    HOUSEHLD.DAT
686D415CCEAB57D9DB7C1F509D57E863    INJPOIEP.DAT(re-release)
5CFCB497898827539A660ADA9D27FACE    PARADATA.DAT
3F2F1E04CE3C520BD83E0F289DDC6AAD    PERSONSX.DAT
16C7E923FE7DA8479DD1A5EA5EF10A6F    SAMADULT.DAT
F1CF17329B4CC2B93C7B6CC5216CC505    SAMCHILD.DAT
```

2013 MD5 sums:

```
059D6F71C8762E873144DB88EAE20B23    FAMILYXX.DAT
33A37E821580A64B9E8C30023D6AD5EE    FMLYDISB.DAT
A25DFC7A30C811FBDB7E1143764E1EB3    FUNCDISB.DAT
E53B3D6C00C48E3A5FD53C2D7C4A43EF    HOUSEHLD.DAT
ACC682B9B500B41AA0A14E8D41A6C374    INJPOIEP.DAT
7DC5FC4C2EDFF6098B2A0934A874261D    PARADATA.DAT
315C15E6FAA02C10519508F63A304E85    PERSONSX.DAT (re-release)
BE4ECFAA8C8626D56E9AA08985BA1463    SAMADULT.DAT
58FD9EBD2FDFE9C792385E2E5B9C599C    SAMCHILD.DAT
```

2012 MD5sums:

```
C7FF7C4EC0AA8615220E1787A41E3B85    ADLTDISB.DAT
CAB6359170F2839C833F9669FCEC7D59    ALTHEALT.DAT
F9F5111E36CE06CFEB4F097795C00127    CHILDCAM.DAT
4EAE0E00274140BDD9E3C493660E7CA6    CHLDDISB.DAT
9FB88D605D338276C5218B1A1496395A    FAMILYXX.DAT
10F5026A5AFEF443E311520CDA9BF159    FMLYDISB.DAT
5D8290DA8CDB18E4DD87F5A262B99527    FUNCDISB.DAT
5C900FB736FC6A711070E306E41289FC    HOUSEHLD.DAT
1710C20AC2DBDAD14FABFFB2DFD85AB3    INJPOIEP.DAT
FD21C3E9DDE078D60B7A0B73C45605C7    PARADATA.DAT
0CF31B57D95CEDAA451775B8E3A11A88    PERSONSX.DAT (re-release)
60260502DF1DF667E622447D102A1891    SAMADULT.DAT
49B43CEC084A649BBFA62CF7C7DDF918    SAMCHILD.DAT
```

2011 MD5sums:

```
7D93D944FF4E6A73CC5C3AAEC4782301    ADLTDISB.DAT
CACB0A58BF5A4EE970A6D351DC1D7F0C    CHLDDISB.DAT
1BD7C92C1FD596452CF824F2772B6D05    FMLYDISB.DAT
353855B22A173B3E15B235224BC88AF1    FUNCDISB.DAT
6CF8C6D3102D6D987E7FC20ED5A4B159    FAMILYXX.DAT
EFD6CE0CD9B3F66DD4EE636760532AC2    HOUSEHLD.DAT
8D1EB641C5B11D28C7769E69EA0321E3    INJPOIEP.DAT
EE2A24889CA47299C99195562CA3418B    PARADATA.DAT
994A178CD7542A59DD84F27B5D242CEC    PERSONSX.DAT
D5984BAFCCB781D0C3B5BBCA1047DA1C    SAMADULT.DAT
79806110C26DB60C966EAE53453C5335    SAMCHILD.DAT
```

2010 MD5sums:

```
04D9385B022081A83401D5DB10632A95    CANCERXX.DAT
060CBEE1D7F7B3E5A48377FE1C574088    DISBTEST.DAT
F095642F268B1C4A685E90206092A0BF    FAMILYXX.DAT
50A1998B7252EB9F440D60F5C405C029    HOUSEHLD.DAT
CA744DDF940F2A9BD86DA83E7FECBE3C    INJPOIEP.DAT
62ED5FF37DFF5F2DC12A147ABBFCE0E2    INJVERBT.DAT
717F25301D01505D1EBA234E97086135    PARADATA.DAT
004F1EBD302ED543CA324C342D831A4E    PERSONSX.DAT
66271BC11E4C6A6A1E36543DB894AA83    QUALLIFE.DAT
E116DA9831D0A716473D7C406438704F    SAMADULT.DAT
E1445E98B70B9ED0BA9EE19ADF2A43D4    SAMCHILD.DAT
```

2009 MD5sums:

```
F4218DEBDE446E7FFF524F332C4FA378    FAMILYXX.DAT
975251705BE0F8009E4ADEEAC368958D    HOUSEHLD.DAT
BCCF28C23240E0171AAF1C0D8357EA81    INJPOIEP.DAT
589CE2BF4D7F62F7F274F00BB155B42F    INJVERBT.DAT
```

```
AC186FEDBED5D37374F281A399735A90    PERSONSX.DAT
26AA0B56261B8D393C51A4BF7BED26D6    SAMADULT.DAT
43022910F11F3A5A1AF10A3FD3752649    SAMCHILD.DAT
3C684F3BB482ACB079F198A505B27A72    PARADATA.DAT
0965AEFBB118F1ECD4ABF09B359DF697    DISBTEST.DAT
```

2008 MD5sums:

```
6ADE95930EF46A2D82F4AB587818817D    FAMILYXX.DAT
51C189836E12F9904443ABF38AA70534    HOUSEHLD.DAT
E022E82BF96F99185B5412A1472A1258    INJPOIEP.DAT
8B1C346220E86C39C18E2A6A0D321D93    INJVERBT.DAT
D4D4FA302DF46ECAD58733005817BC5A    PERSONSX.DAT
D3EE8C694DCAAC55A781D57DC2328CC1    SAMADULT.DAT (re-release)
9FD7B259BA56429E3B4E7A3BEC1B5F67    SAMCHILD.DAT
79F503975E4F6D7DE461799E153931A4    PARADATA.DAT
```

No 2008 CD-ROM is available.

2007 MD5sums:

```
16C3D0B85114E9D46BAFBAF47A876764    FAMILYXX.DAT
2DB41D21F32FD161328A9B2F58DB0B05    HOUSEHLD.DAT
F4495460FFE6EEC299CB7017D1E6F624    INJPOIEP.DAT
C33F1CB47DAF13922A6FB03F3CB73CF3    INJVERBT.DAT
84DF0EAEE77B4046421077EE390A6547    PERSONSX.DAT
71B3ECE6F1AD1B8015EBB07C8200246E    SAMADULT.DAT
A68C7654E223CFEFEDAC9AC4F67F6715    SAMCHILD.DAT
9BE70334C197FEA31F0F421CA211150E    ALTHEALT.DAT
4ED83CDEAD055B72CD0E65FC225052A6    CHILDCAM.DAT
98A5B0FEB87AC26D950055CD12B0E610    PARADATA.DAT
```

No 2007 CD-ROM is available.

2006 MD5sums:

```
1B8606954D1272E54802EC1C69569E0C    FAMILYXX.DAT
A229D9579D6FB497441E7EB550FFD0E9    HOUSEHLD.DAT
3F08FD0510D904F49F1D7293481B98C4    INJPOIEP.DAT
8F0406E0838F4B557EDF2DB0ADE54834    INJVERBT.DAT
6DFF4AF96BFB9EB2153E24A6F7A78130    PERSONSX.DAT
BE452777264651D3965752222676C266    SAMADULT.DAT
A44BA4304AA33BAB57B884B2C72A741E    SAMCHILD.DAT
```

No 2006 CD-ROM is available.

2005 MD5sums:

```
C60E1439CBA0C3CF3E6B0D55AEE26131    CANCERXX.DAT
37D9B8FDE29C6A803D6DE588648FC8AB    FAMILYXX.DAT
```

```
8E7F4ECD2FD144AED338820DE618F0CE    HOUSEHLD.DAT
A6B439CAB85AD56484FFD469A3C861B8    INJPOIEP.DAT
C7404D51E3565DC878FCFBE04D4F4037    INJVERBT.DAT
28E8036F092A37EC687F1C1243A960CB    PERSONSX.DAT
85CE7795CC3D71DFFC11D47BD92058E5    SAMADULT.DAT
71C2501E18C5088EFFDDB00EE4C87C7D    SAMCHILD.DAT
```

No 2005 CD-ROM is available.

2004 MD5sums:

```
47750CB7BA5D6F44B61E1A05896610DF    FAMILYXX.DAT
D34D1EF35A5615E165BDA9DF8F9F4E6B    HOUSEHLD.DAT
ED6DC09F2F224422C32038B2748FA17F    INJPOIEP.DAT
EAE55972BA64C5C77A075FF6AA44DECC    INJVERBT.DAT
ED7882A558176BBAA8D8502D7EFD39E6    PERSONSX.DAT
ADB9F05BB8102BAB998BE2C91DE46FA6    SAMADULT.DAT
D1E5A5F04ABF7AE7B5D2D68376B3AAEE    SAMCHILD.DAT
```

No 2004 CD-ROM is available.

2003 MD5sums:

```
70AB7B811806E9622E7CBBFBEF472F6B    FAMILYXX.DAT
1C634BE976A623DE6D7A7C4359332254    HOUSEHLD.DAT
FC0DFF3C07D8B23574DEEC6BCFB8F1F6    IMMUNIZE.DAT
4DE1B335C6ADCB1E78696274C338BB4D    INJPOIEP.DAT
95BA339FC3D6821ECB623220B25488D2    INJVERBT.DAT
DAC8DB78B3A2C38CE651A4EBF64E10A8    PERSONSX.DAT
BD720D387D3A20238ABC858E18E91B31    SAMADULT.DAT
0F1CB7A9724B636CA4F2EC1954D6C751    SAMCHILD.DAT
```

No 2003 CD-ROM is available.

2002 MD5sums:

```
1142AB1822200EC0CAC8195A30DAEAF8    ALTHEALT.DAT
77394115BBC3F7B93618844A0FAA6E99    ALTVERBT.DAT
0DB92293D2B02D1F0DADC0117D8B65F7    FAMILYXX.DAT
F9242890ECA52C8756B42DFCCD217DA7    HOUSEHLD.DAT
2F195983701944DFD8D990DA066EC919    IMMUNIZE.DAT
2E5453ED84102F80662C2E83A8D9EF11    INJPOIEP.DAT
FEBFBE1CC83CB001ECF055852579D3C9    INJVERBT.DAT
5C23531004C01B04D62D10A798687EE7    PERSONSX.DAT
AD647AD201872BF63EBF629132D30EE2    SAMADULT.DAT
869B0E31912027318297380A971E47FC    SAMCHILD.DAT
```

All 2002 CD-ROM ASCII files are current. The 2002 CD-ROM does not contain the
Verbatim Alternative Health/Complementary and Alternative Medicine File,
ALTVERBT.DAT. Refer to the 2002 NHIS "Notices for Data Users" (HIS02log.txt) at

the NHIS "Questionnaires, Datasets, and Related Documentation 1997-Present" Internet webpage.

2001 MD5sums:

```
65C13FC438B7DE6FE7DD941A762D1CF4   FAMILYXX.DAT
9043BC254DA6742D4B6D08D6B0D51EF4   HOUSEHLD.DAT
D0140BE0698BADDDF9F6FC37C2C6E761   IMMUNIZE.DAT
7BD8E4C75E8CD4DF21CD7429F11B98EA   INJPOIEP.DAT
EAEC03B007EA404418037D8419FD0F05   INJVERBT.DAT
6816CCFB47E50308BC29251CE5FFA03B   PERSONSX.DAT
A2AD20E5602AD074AA6F1F73117B13C5   SAMADULT.DAT
2BAB6DB67C32630B0B84D3ECE98D01DE   SAMCHILD.DAT
```

All 2001 CD-ROM ASCII files are current.

2000 MD5sums:

```
D89F0C002C9F6E7B9025B1DA9DD761B6   FAMILYXX.DAT
DC237A1EC77C6BA8A6AAD233D4ED2E83   HOUSEHLD.DAT
F48625E8302798B5852E25A71319E5E6   IMMUNIZE.DAT
1D4E7E0F810E9AA21612A848257B70C6   INJPOIEP.DAT
E4BE477CC5884017FA242586FF66BACA   INJVERBT.DAT
6D3B57FA3A8E9CE420740AA3668DEE35   PERSONSX.DAT
982E7E5D54B763727F379A09683D6CD3   SAMADULT.DAT
FB1364964CD177CB1DA7ADC9930A1204   SAMCHILD.DAT
```

All 2000 CD-ROM ASCII files are current except SAMADULT.DAT. Changes to this file are discussed in the 2000 NHIS "Notices for Data Users" (HIS00log.txt) at the NHIS "Questionnaires, Datasets, and Related Documentation 1997-Present" Internet webpage.

1999 MD5sums:

```
6328037FDAFCC3735337960F411C6B60   FAMILYXX.DAT
7E940E09C25EC6AEBBA597123B383E91   HOUSEHLD.DAT
C183FA3133F9912783FB99E225D61CF2   IMMUNIZE.DAT
7CB81E60961DF5B9BECD7793B31BC00C   INJEPSOD.DAT
D58D07910E031F49213CE3D96D2E3286   INJVERBT.DAT
5DE33899637332827512D6A99EF4547E   PERSONSX.DAT
C0FB4519E0FE9994D011BC023C93D78C   POIEPSOD.DAT
8436B670B647E11E9A253F5679E137B1   SAMADULT.DAT
F07CA4488839BA2A0919BFD950B3D045   SAMCHILD.DAT
```

All 1999 CD-ROM ASCII files are current.

1998 MD5sums:

```
9718CF2954D772500C0CA19BE435666A   FAMILYXX.DAT
133235FF68B8231600E9CAB0BDE46972   HOUSEHLD.DAT
6018102D19271D46D8EE94E4E15963E4   IMMUNIZE.DAT
7CBEC09FFD243561E9C0A218B2B28318   INJEPSOD.DAT
0B6990C97113E86827ABC0A4E29C7D90   INJVERBT.DAT
04AA62FE0172DCE5051A294DA6C2D6CE   PERSONSX.DAT
C917C0BA2F96D5C89593DA8FB59D9ECF   POIEPSOD.DAT
C4C2709BE11668D338100A20A1C61193   PREGSMKG.DAT
3A3CED9B1367AAD8A40179D4522DA68D   PREVADLT.DAT
65FE089E952FF59A1057C7C80F4AAEAD   PREVCHLD.DAT
085035365EE03CF5E8EA03A2EFC9958F   SAMADULT.DAT
D03888E52BF8B171626F2275916DA4B0   SAMCHILD.DAT
```

All 1998 CD ROM ASCII files are current except SAMADULT.DAT. This is true for both the January 2001 CD and the December 2001 CD.

1997 MD5sums:

```
751705ADDB3873025AD9AD0594CBAD18    FAMILYXX.DAT
A5098F19DEB9C9871E6211120EC4F370    HOUSEHLD.DAT
11E2DF072749FA48AA25EC22CC81098E    IMMUNIZE.DAT
6E9A45EF2FF8D8670511439F62B1CF34    INJEPSOD.DAT
CA12A82524D48281E8AAA65FD92E1F6A    INJVERBT.DAT
7E46C05C54FB09030B2A8BF5E77D8549    PERSONSX.DAT
E3BF05A132958CD19FEB67CA7B536C98    POIEPSOD.DAT
CB032FDB4C991F80E62E248F6CB3F0BA    SAMADULT.DAT
086AABB808D5179A7803ADCEB02E23E3    SAMCHILD.DAT
```

All 1997 CD-ROM ASCII files are current except SAMADULT.DAT, SAMCHILD.DAT, and PERSONSX.DAT. Changes to these file are discussed in the 1997 NHIS "Notices for Data Users" (HIS97log.txt) at the NHIS "Questionnaires, Datasets, and Related Documentation 1997-Present" Internet webpage.

1996 MD5sums:

```
4980442EBE98421A9603CCB367CAABC2    ACCESSXX.DAT
4A4BA58E70B1AB6E42153B7DE4DC0C47    CONDITON.DAT
02917F388D02D156358596C92FC69295    DRVISITX.DAT
82DF8EFF5AAEA7D883C387CA0F04CA26    FAMLYRES.DAT
9D987A540CEC76729C4E464788607783    HEALTHIN.DAT
41387774FC5D63F06BCD74596C63C957    HOSPITAL.DAT
1119B6986CE01411DDB6A9587E99AE97    HOUSEHLD.DAT
5ADA89137F63EEEFF7B366E84C663F4E    IMMUNIZE.DAT
6260667CA9166D58F14A42A549F67E36    PERSONSX.DAT
```

All 1996 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). The 1996 CD does not contain FAMLYRES.DAT.

1995 MD5sums:

```
14375CC6F05907AC1D54EDA1A13827D9    ACCESSXX.DAT
10F3B4D70061D5CCFF0CEA734B549F16    AIDSKNOW.DAT
4A01E879455936A172C407A684F6F239    CONDITON.DAT
5E03F06EDE6EBED8207B71D821C50F38    DFSADULT.DAT
EB32108069482C8D0F53572429918913    DFSCHILD.DAT
1C940869422FD8F035BBD495B7407759    DIS1COND.DAT
3F4874E5661D11628D135DEF497B1705    DIS1PERS.DAT
2679E9993A8E8FFDD443B8038D082EF8    DRVISITX.DAT
6734C308515E6A37F63B5FE029C934E7    FAMLYRES.DAT
08F037A5FE9D5DCE8C0D52E06FAFFDAB    HEALTHIN.DAT
4D8724C7696C58F0CDD1442B6E4A2224    HOSPITAL.DAT
C764BBE67D7427C921ABABA66A9CA48F    HOUSEHLD.DAT
9D2732F1DE0504BC98FCB618AAF706A4    IMMUNIZE.DAT
A8F3459EBCF25F37CD33F6C94955418C    OUTCOMEX.DAT
4819D68D25D64E04BD257613F789D7C7    PERSONSX.DAT
82F12CA3E1519B7C380EC97556B361C5    YEAR2000.DAT
```

There are two 1995 CDs with ASCII data: No. 10C, issued September 1998, and No. 10A (Disability Phase I and II), issued July 1998. All 1995 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). The No.10C CD file FAMLYRS.ASC is the same as FAMLYRES.DAT. The No. 10A files ADULT.ASC, CHILD.ASC, CONDTION.ASC, PERSON.ASC, and OUTCOME.ASC are the same as DFSADULT.DAT, DFSCHILD.DAT, DIS1COND.DAT, DIS1PERS.DAT, and OUTCOMEX.DAT, respectively.

1994 MD5sums:

```
8CCAA753E49578644298D293FEB39F08    ACCESSXX.DAT
6EC7744F4D6BC16933637E2C3DBC92F7    AIDSKNOW.DAT
8FFCDB39490A5F333BC6BCD6BC9AD67E    CONDITON.DAT
E906FD5DF63CE704EFA03C504585E7AC    DFSADULT.DAT
BF472BC81A005F67D6D00DF2561EBE02    DFSCHILD.DAT
00025EC60E50A9116177306DA37DA1B5    DFSPOLIO.DAT
6B98FF194AB518612D4B9B4E065D85E3    DIS1COND.DAT
EE5A0215CA83E7445DC0DA378B973CA3    DIS1PERS.DAT
D2BB204F40E5573CF3725B8FB971F745    DRVISITX.DAT
32CDD17B629C1FF3EDDF820E9A3AF552    FAMLYRES.DAT
C16C37737F473163325CCE2D8D2E0F8D    HEALTHIN.DAT
9E9BADB778E60F7897923C84F1211CB9    HOSPITAL.DAT
0498CA9413507CAA24A68E2BD661AC5E    HOUSEHLD.DAT
6EEB44152CC311FE1DEAC2BC51A54FCE    IMMUNIZE.DAT
190D62B6426F71948065D4937CB9F2DE    OUTCOMEP.DAT
88938BFEBDEC8A61E1DB320742A9C3B6    OUTCOMEX.DAT
2E3F53CEC59F1125E64C335E5F92DCBD    PERSONSX.DAT
5E77B1F6D530008D6A431E15F2573C0E    SOA2PUXX.DAT
CFB342F93EB10E32F36E95C29F993EFB    YEAR2000.DAT
```

The 1994 SETS CD, No. 9, contains a directory "HISASCII" that has ASCII files. Additionally, No. 8A (Disability Phase I and II), released in July 1998, contains ASCII files. DFSPOLIO.DAT, FAMLYRES.DAT, OUTCOMEP.DAT, and SOA2PUXX.DAT are not on either CD. All but one (CHILD) 1994 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). The No.9 CD file FAMLYRS.ASC is the same as FAMLYRES.DAT. The No. 9 files ACCESS94.ASC, HLTHINSU.ASC, and IMMUNIZA.ASC are the same as ACCESSXX.DAT, HEALTHIN.DAT, and IMMUNIZE.DAT, respectively. The No. 8A files ADULT.ASC, CHILD.ASC, CONDTION.ASC, PERSON.ASC, and OUTCOME.ASC are the same as DFSADULT.DAT, DFSCHILD.DAT, DIS1COND.DAT, DIS1PERS.DAT, and OUTCOMEX.DAT, respectively.

1993 MD5sums:

```
DB64A45E8E4589A563CFF385DB606012   ACCESSXX.DAT
C5FEE85DEB38B4A923CA2753C54CF832   AIDSKNOW.DAT
AFE6A258E2CFDE9D0FE238835E898239   CONDITON.DAT
BBE2ED71521649D703C6A54FAE7CBA80   DRVISITX.DAT
31A80BE3CD2A28415CBD59D318401BA3   FAMLYRES.DAT
A71D21A2D487E349F01F09DC0AFF0D17   HEALTHIN.DAT
05C40984BD20ACE7B45B8166128C8F22   HOSPITAL.DAT
E47427AB95951820320BEABD26730FBB   HOUSEHLD.DAT
59236BA17F48AB28B65DAC6850D60CC5   IMMUNIZE.DAT
7A176E9A367B821E57E509D13B2AB471   PERSONSX.DAT
C1CFC092DE873A862F4E9CB683C41C56   TAPSIIPU.DAT
1FFBD179F8B661135ADC4D0D9ED05C05   YEAR2000.DAT
```

The 1993 SETS CD, No. 7, contains a directory "HISASCII" that has ASCII files. FAMLYRES.DAT is not on the CD. All but one (CONDITON) 1993 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). The No. 7 files ACCESS93.ASC, HLTHINSU.ASC, IMMUNIZA.ASC, and TAPSII.ASC are the same as ACCESSXX.DAT, HEALTHIN.DAT, IMMUNIZE.DAT, and TAPSIIPU.DAT, respectively. Note that the CD files do not contain the trailing blanks at the end of each record that are shown on most of the file record layouts, sometimes resulting in variable length records. The record length for ACCESS93.ASC varies from 388 to 389, the record length of IMMUNIZA.ASC varies from 613 to 620, and the record length of TAPSII.ASC varies from 714 to 885. Note that the checksums of the CD files will not match the reference values unless the trailing blanks are added to the CD files.

1992 MD5sums:

```
E1489113A3B4281C2553D1D7C9C7E64E   AIDSKNOW.DAT
A101E4E6588EC25B5335598D47E001C2   CANCCNTL.DAT
A31EAC976965D04DF944123B94FBCDB4   CANCEPID.DAT
65CD105BE88349C22A3DA4AB3181198D   CONDITON.DAT
A33D7A9EA0635E162F0D47448109C7D1   DRVISITX.DAT
E2D5E4A81DDBDFF5252857369D939A74   FAMLYRES.DAT
DE9D5A5DE0018089D89886FF95E5FD6B   HEALTHIN.DAT
B0ABD7AB01239FD57DD558230739FEA3   HOSPITAL.DAT
797ADF5ADC3CA0FB725E3D5F5C2A80F4   HOUSEHLD.DAT
377DE647F527FAD59A6A0BA8E0060E9D   IMMUNIZE.DAT
DE1C0E1E9621C27F06F8BEA6F783C78D   PERSONSX.DAT
5F595EA09A19CDAA49E10841B78A6297   YOUTHRSK.DAT
```

No 1992 CD-ROM is available with ASCII data files that are formatted with carriage return and line feed characters at the end of each data record. The data files (.DAT) on the 1992 SETS CD-ROM do not contain carriage return and line feed characters at the end of each data record, so these data are not easily accessible to all software. Special procedures in some software can access these data, such as using the LRECL=<record length> and RECFM=F options in the SAS INFILE statement. A script can be written in the Perl language (see example script at end of document) to read the SETS files and output files with carriage return and line feed characters. All of the SETS .DAT files are current except CONDITON.DAT. FAMLYRES.DAT is not on the SETS CD. The CD files HLTHINSU.DAT and IMMUNIZA.DAT are the same as HEALTHIN.DAT and IMMUNIZE.DAT, respectively.

1991 MD5sums:

```
6614C64414ACDAA57BA24E6FE21D3E01   AIDSKNOW.DAT
859B14708391832D49D42722B3ACDBFD   CHLDHLTH.DAT
30EA582DF02ECA0BFD3630575DC068CC   CONDITON.DAT
3872A1B9AA7B717A56660E6DFC825BBB   DRUGALCO.DAT
EAE6768B65158C351DBE0BDDB7CE5808   DRVISITX.DAT
9C5EE64594E53356D3016A0ADAF9FD2B   ENVRHLTH.DAT
EAFB7F2CA79DC755ED552CC65F56E6B3   FAMLYRES.DAT
0893C8285073F4EA6C0282723CD822FD   HEARINGX.DAT
BDBE71E421D29724200F26B28D7B6588   HOSPITAL.DAT
81722C207F27BB2FB415FE77918CFF18   HOUSEHLD.DAT
F00DD754FEE4873AF5FD9FAEAA24ABE1   HPDPSAMP.DAT
7260E1BA0AD93DB691642811713BDDDD   PERSONSX.DAT
9302DAAD811D07D30FABC4AA7D627BC0   PREGSMOK.DAT
497A47B8DA640A9C7D767E188E6660FB   UNINJURY.DAT
```

No 1991 CD-ROM is available with ASCII data files that are formatted with carriage return and line feed characters at the end of each data record. The data files (.DAT) on the 1991 SETS CD-ROM do not contain carriage return and line feed characters at the end of each data record, so these data are not easily accessible to all software. Special procedures in some software can access these data, such as using the LRECL=<record

length> and RECFM=F options in the SAS INFILE statement. A script can be written in the Perl language (see example script at end of document) to read the SETS files and output files with carriage return and line feed characters. All of the SETS .DAT files on the September, 1995 CD are current except CONDITON.DAT and HEARING.DAT. DRUGALCO.DAT is not on the SETS CD. The CD files CHILDHLT.DAT, ENVIRHLT.DAT, and FAMRES91.DAT are the same as CHLDHLTH.DAT, ENVRHLTH.DAT, and FAMLYRES.DAT, respectively.

1990 MD5sums:

```
631E7E0079B67DCF54830224450289A8   AIDSKNOW.DAT
ADFA89E6849A1E01AF93CB788DC59438   ASSTDEVS.DAT
D9467E636E74368348358D4FB1D5F0BC   CONDITON.DAT
F49BEF455F880764D7ECBD9D55087531   DRVISITX.DAT
6724E3E170719964AD8EBFA5D3747CA7   FAMLYRES.DAT
9A775BD4434A8DF77BB4B0940211A004   HEARINGX.DAT
4E05A4716052AC807665B01044DE60E0   HOSPITAL.DAT
9886341D4FE11EF072634B6DF9B420A3   HOUSEHLD.DAT
5A1D3D53A3D42F3518AD72705D4482AA   HPDPCHLD.DAT
EA04A01C193EF114BF2D1C5ADE169147   HPDPSAMP.DAT
94FBCC59DFBA982442CA10A893413074   HPDPSMKG.DAT
191F42E451C91BFDE6BCA396126B1327   PERSONSX.DAT
DAC9BD851289F0F8C1E8F023566C23D6   PODIATRY.DAT
```

No 1990 CD-ROM is available with ASCII data files that are formatted with carriage return and line feed characters at the end of each data record. The data files (.DAT) on the 1990 SETS CD-ROM do not contain carriage return and line feed characters at the end of each data record, so these data are not easily accessible to all software. Special procedures in some software can access these data, such as using the LRECL=<record length> and RECFM=F options in the SAS INFILE statement. A script can be written in the Perl language (see example script at end of document) to read the SETS files and output files with carriage return and line feed characters. All of the SETS .DAT files are current except CONDITON.DAT. The CD files ASSISDEV.DAT, HEARING.DAT, HPDPICCS.DAT, PREGSMOK.DAT, and RSFAM90.DAT are the same as ASSTDEVS.DAT, HEARINGX.DAT, HPDPCHLD.DAT, HPDPSMKG.DAT, and FAMLYRES.DAT, respectively.

1989 MD5sums:

```
FDEE08241A8817347A1776C55212B6B6   AIDSKNOW.DAT
007C8E099697D2800E0A7AFDB2559BB1   CONDITON.DAT
9BB1802E3379E86028868197CD735991   DENTALXX.DAT
16F69D6A63E758A52EEE48B9ADD2FEDE   DIABETES.DAT
CB8C2CE8338AA800D097A7B0610635E8   DIGESTIV.DAT
3A32E62361FF85162478C55F9B805DF9   DRVISITX.DAT
91F056E05C9033335841AA59805B9D50   HEALTHIN.DAT
15D34D2837F369FE9D98412E81F4DD75   HOSPITAL.DAT
B4327385866776F93E3F01B409A81AAF   HOUSEHLD.DAT
B2ED548EA249B8BA84EE6BCAFF7951D0   IMMUNIZE.DAT
E7F762C1EA226C20B4FD2DC495BA0C23   MENTALXX.DAT
```

```
B5441216193A5EC18B7599B831709B90  OROFACIA.DAT
DC106642EAFDC4E54DB471A8C39D273C  PERSONSX.DAT
03EDAC62114B8BD7A62636EB199DD3D5  TAPSPUSE.DAT
```

No 1989 CD-ROM is available with ASCII data files that are formatted with carriage return and line feed characters at the end of each data record. The data files (.DAT) on the 1989 SETS CD-ROM do not contain carriage return and line feed characters at the end of each data record, so these data are not easily accessible to all software. Special procedures in some software can access these data, such as using the LRECL=<record length> and RECFM=F options in the SAS INFILE statement. A script can be written in the Perl language (see example script at end of document) to read the SETS files and output files with carriage return and line feed characters. All of the SETS .DAT files are current except CONDITON.DAT and DIGESTDO.DAT. The CD files DENTALH.DAT, HLTHINSU.DAT, IMMUNIZA.DAT, MENTALHL.DAT, ORAFACAL.DAT, and TENATPRA.DAT are the same as DENTALXX.DAT, HEALHIN.DAT, IMMUNIZA.DAT, MENTALXX.DAT, OROFACIA.DAT, and TAPSPUSE.DAT, respectively. The CD file DIGESTDO.DAT is a previous version of DIGESTIV.DAT.

1988 MD5sums:

```
E895D8D93A8339A00108619E58E0BF26   AIDSKNOW.DAT
552B46660E9FD1484253CB6F01D0DDA2   ALCOHOLX.DAT
9FC4D0197039256EA63E981033C6A6E0   CHLDHLTH.DAT
C53AD99EC622F508B65A31AB79EDD473   CONDITON.DAT
C7FB7510467F86166327087329054413   DRVISITX.DAT
4A706B829340CEC9119D92D353993206   HOSPITAL.DAT
D0469D131F66FB19649F1342FB8468E0   HOUSEHLD.DAT
A6C9B7C7342FD4538148FD18FE5FBE85   MDEVICES.DAT
81998973750E30EC964E8D98F365BFEA   MDIPERSN.DAT
B44936380E6C40B70D80CA7159B086D1   OCHEALTH.DAT
32D4EA0F1F825E88E5CDEDD340EC37D6   PERSONSX.DAT
```

No 1988 CD-ROM is available with ASCII data files that are formatted with carriage return and line feed characters at the end of each data record. The data files (.DAT) on the 1988 SETS CD-ROM do not contain carriage return and line feed characters at the end of each data record, so these data are not easily accessible to all software. Special procedures in some software can access these data, such as using the LRECL=<record length> and RECFM=F options in the SAS INFILE statement. A script can be written in the Perl language (see example script at end of document) to read the SETS files and output files with carriage return and line feed characters. All of the SETS .DAT files are current except CONDITON.DAT. The CD files MDIEXPSN.DAT, OCCUPHLT.DAT, and PERSONXX.DAT are the same as MDIPERSN.DAT, OCHEALTH.DAT, and PERSONSX.DAT, respectively. If the CD files MDIFIXDV.DAT, MDIHEART.DAT, MDIINLEN.DAT, MDIJOINT.DAT, and MDIPMAKR.DAT are concatenated into one file and then sorted by columns 3-16, columns 1-2, and columns 17-18, the result is equivalent to MDEVICES.DAT.

1987 MD5sums:

```
AEBCBBBF4003BDBDD8B84AC5D24612E6   ADOPTION.DAT
21721F9AF16B82D2B65E9908CD3C7F1B   AIDSKNOW.DAT
D5E62E15641E3468590E1961A0F79225   CANCCNTL.DAT
A866584B6033AB6A5098E65932511CB9   CANCEPID.DAT
A718755FE917877447024FA88729A7DC   CONDITON.DAT
46EAC7DC5694F6179B00B6B20D692208   DRVISITX.DAT
8E836EF87CFB8E958F44E3C4A9725D25   HOSPITAL.DAT
EE5CF9B3E458C36D2A73401938F97780   HOUSEHLD.DAT
1E6D88374BD3E86EDB403C7EA7AECAF8   PERSONSX.DAT
7A259CDCB56C9903C931737B64A2FF2B   POLIOMYL.DAT
```

No 1987 CD-ROM is available with ASCII data files that are formatted with carriage return and line feed characters at the end of each data record. The data files (.DAT) on the 1987 SETS CD-ROM do not contain carriage return and line feed characters at the end of each data record, so these data are not easily accessible to all software. Special procedures in some software can access these data, such as using the LRECL=<record length> and RECFM=F options in the SAS INFILE statement. A script can be written in the Perl language (see example script at end of document) to read the SETS files and output files with carriage return and line feed characters. All of the SETS .DAT files are

current except CONDITON.DAT. The CD file POLIO.DAT is the same as POLIOMYL.DAT.

1986 MD5sums:

```
FFA52230A9DCA0214EC080DC6F7D8123    CONDITON.DAT
F866B4EB94AA2F7C7A15E9E31ACB452E    DENTALXX.DAT
2D73E850CEC9D25B4240985490610C7A    DRVISITX.DAT
BCFEECFABE465E87607338C95BB3F179    FUNCLIMT.DAT
DC55870176800AC0EDD9D9C4160DE79E    HEALTHIN.DAT
388207FAE6F64435CC2C900A4769C61B    HOSPITAL.DAT
F83102B35B2DB7FB4E0E6BB3EDDE4F63    HOUSEHLD.DAT
390828FA4B130D13888A6B8CA0A3BE56    LONGSTJB.DAT
E5142D31BB2D0B236927DBCEAC66F9F0    PERSONSX.DAT
B87AF87181577F7EE320871D1C744309    VITAMINS.DAT
```

All 1986 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). The 1986 CD-ROM contains one file, LSOAGING.ASC, which is not available online.

1985 MD5sums:

```
2E1CB2195A44E538961B4A4645A7C301    CONDITON.DAT
A8992E2F09FACA381E1B65ADF24E7BF8    DRVISITX.DAT
B3224726DF45BB017BDF611A15ED5B17    HOSPITAL.DAT
B5D0043B66C3E991C6BB1424BDB4506C    HOUSEHLD.DAT
A8712039A51633866410C9515074B959    HPDPCHLD.DAT
BECC4409CB526D8459DC054E89606502    HPDPSAMP.DAT
BF0A327D6BE90F1FAD2851ACC49CE7AE    HPDPSMKG.DAT
06DC688FAE56C9A7847BBA1DB652E970    PERSONSX.DAT
```

All ASCII files on the 1985 CD-ROM, reissued November 2001, are current (the CD filenames end in .ASC instead of .DAT). The July 2001 CD-ROM had the 1986 condition file instead of the 1985 condition file. The 1985 CD-ROM file HPDPSMOK.ASC is the same as HPDPSMKG.DAT.

1984 MD5sums:

```
2D7F873CC97C216E1D8F26A6FD22D91F    CONDITON.DAT
EF04C876B8037D3E0E7C1B056E59F36F    DRVISITX.DAT
58F24D43952D98999124429B0AAB2B83    HEALTHIN.DAT
6B762F3022EB893E4A545A3A65B9862B    HOSPITAL.DAT
84774B495822E7CA8FC6F852E9AAE81C    HOUSEHLD.DAT
C519C05907688C1EC5493CF7F22568E9    PERSONSX.DAT
641151AD36C4DC1CB6D962F8C390397A    SOAGECON.DAT
593EC8E8D960228567C79078D3C6E598    SOAGEPER.DAT
```

All 1984 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT).

1983 MD5sums:

```
0BE101000C7F53E70BDE7781D241E022   ALCOHOLH.DAT
71AF0D6D7881576992E34A167E4E2F98   CONDITON.DAT
6C58A6C780391D907D01AE6A05165981   DENTALXX.DAT
587C5A56ED0DF9319B13A079F2FC3A99   DOCTSERV.DAT
2555CDF5AB8A7669841AED8FFB13333F   DRVISITX.DAT
E49A84B9F4A71C9498515BE3109CC99A   HEALTHIN.DAT
8135EF9F1A4D16D90C7E9B418E89472F   HOSPITAL.DAT
3968B87708B362E3D4B7B44B06700B3A   HOUSEHLD.DAT
03F20FE824DB5B0CE450D5FE5A3D8FCA   PERSONSX.DAT
```

All 1983 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT).

1982 MD5sums:

```
6BDA0534A0DAF636CBE1797278D72222   CONDITON.DAT
061AB81398D6BC1C28593477F4650BC0   DRVISITX.DAT
9EDE4484C1683D1B91EB32E2FDE97821   HEALTHIN.DAT
5B0C0F8C884CFCE49FA10313EA6F0CEF   HOSPITAL.DAT
B8712CCF97D97135230D63DE75C9E37B   HOUSEHLD.DAT
0C5BBE663A49046BE46AF03E4B18E128   PERSONSX.DAT
BD8D7E47A292923BA25716D4C6C9C0E0   PREVCARE.DAT
```

All 1982 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT).

1981 MD5sums:

```
C91F77F1892F9BABC2D1ABEC6DF3B71D   CHLDHLTH.DAT
93499E85539616E1F995D543BCF0A85D   CONDITON.DAT
55FAE8190764C9D04BFE6F85B260A43D   DRVISITX.DAT
011CB1B526EB90E5F6125CAFB537D148   HOSPITAL.DAT
AC7B964C02DBA1D0A0B11F54E71E5419   HOUSEHLD.DAT
7CB042CCDDBE1B68032EAB0702F07D49   PERSONSX.DAT
```

All 1981 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT).

1980 MD5sums:

```
CA737C11C81C38197B3C62EB04A4C98B   CONDITON.DAT
2BB5C619CF45CA79339096B398680868   DRVISITX.DAT
C4F744AE7190A9006ADA7586FCD70B65   HEALTHIN.DAT
557001832CC24C3C41B773BA1D8116B2   HOMECARE.DAT
E5A87A2D34256B4C990EB0D84B96F230   HOSPITAL.DAT
43EEC639F3309C56BA7297111993A1FE   HOUSEHLD.DAT
7B3F53C3429F64AF75772E9ECBA912B3   PERSONSX.DAT
AB2B905EE7E8D354950CF7CB1C48FEE6   RESMOBIL.DAT
7A41BD833DE9DE6F7E9338B20596DA13   SMOKINGX.DAT
```

All 1980 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT).

1979 MD5sums:

```
E764FB9FEA395EC3A17155D743A87B55   CONDITON.DAT
AF880AB86B0CEBAF71F36C9C03DB89DE   DRVISITX.DAT
DB278C799C81703B3256BD13FC5E8895   EYECAREX.DAT
591B316DDB7BD175532914B4DD8B8160   HOMECARE.DAT
94A48221316129A9BEC746A11908F7C9   HOSPITAL.DAT
4918C068A967A23A9BDD7ED48EDB9A60   HOUSEHLD.DAT
8748A0FE874440FAEE2421D5B9A89D50   PERSONSX.DAT
9A15986C2D1129EAE15AAFED342ADD56   RESMOBIL.DAT
E0C3652BAAA5C869B71FFD07730D2A9C   SMOKINGX.DAT
```

All 1979 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). The 1979 CD-ROM file DOCVISIT.ASC is the same as DRVISITX.DAT.

1978 MD5sums:

```
2D46F484E669DF7FF9C8ECBA261CB3AA   CONDITON.DAT
632200A49A83192C0EFF2E0C7E4B4CAE   DRVISITX.DAT
FF011C94D554FF4B8E01C9C74B90AD3C   FAMEDEXP.DAT
40B63B39AB0905E03422AD6C8238D4F0   HEALTHIN.DAT
BA98CD5C97ACB4455927427C7A44F3D3   HOSPITAL.DAT
E4737B2F89284B9C98E3CB264CC6BBA0   HOUSEHLD.DAT
871D59595D6345820A0F083BDB67BE64   IMMUNIZE.DAT
DFCDD730F9A359D0F2F001EB109D2916   PERSONSX.DAT
1516CFC27F84A84B31735A4461E691F0   SMOKINGX.DAT
```

All 1978 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). The 1978 CD-ROM file DOCVISIT.ASC is the same as DRVISITX.DAT. FAMEDEXP.DAT and IMMUNIZE.DAT are not on the 1978 CD-ROM.

1977 MD5sums:

```
31550F02ECE21E0046083F330FD753CB   AIDSSPEC.DAT
B97737EB74E3A7C461CA51421FBAA3DA   CONDITON.DAT
673AB2689550453313D298A8E0F4117F   INFLUENZA.DAT
9AB0550B0F6ED09EEC6D54BDD06E8CD9   DISBILTY.DAT
85CE9F80C41B0D172D7EDBD4B2CEDAF4   DRVISITX.DAT
B91D58E547463660AD4E666B2F2BE986   H1SUPPLT.DAT
91F11DA5D750DAE3F6559DFF512E73AB   HEARINGX.DAT
1606334D091E5EE7113FA310EC1130DA   HOSPITAL.DAT
D9BE9B1F1ACC5937C50AF96B40587566   HOUSEHLD.DAT
05506A161F1DD691398CF0E3F5E48614   PERSONSX.DAT
```

All 1977 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of
.DAT). The 1977 CD-ROM files DISABLTY.ASC, DOCVISIT.ASC, and HISUPLMT
are the same as DISBILTY.DAT, DRVISITX.DAT, and H1SUPPLT.DAT, respectively.
AIDSSPEC.DAT and INFLUENZA.DAT are not on the 1977 CD-ROM.

1976 MD5sums:

```
DB191DC2B355E616AE1749D146C78742   CONDITON.DAT
798E35CC8F3A925DC6F16B20BF2DEAC8   DIABETES.DAT
2A599CE3E2451C267A6A97E0343E071F   DRVISITX.DAT
C47E927C6A44D01206F343320E43874F   FAMEDEXP.DAT
29951F891CAE2B478E2CBF67FF914FD9   HEALTHIN.DAT
481213265CC42D31B9600DE930527B28   HLTHHABS.DAT
90BF8EFE9C58756B7574C64593665023   HOSPITAL.DAT
4AB8FA41A1A1E51F2D6B0FBC78D2DA51   HOUSEHLD.DAT
5326059B4D0C1E24BA3AF95995175391   PERSONSX.DAT
```

All 1976 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of
.DAT). The 1976 CD-ROM file HEALHABT.ASC is the same as HLTHHABS.DAT.

1975 MD5sums:

```
2B8CFFE279C92F6F2171F7D12277ADEA   ACCIDENT.DAT
DC6941C1E9F03F7879DC03242A63DBF5   CONDITON.DAT
D7D5AA35D28D5D6DC86E650CAD8880AB   DRVISITX.DAT
8DAF7D687F7281FFA74FD33706FAE33F   FAMEDEXP.DAT
CFBBFC5E3877D99A6CCAF95461C53072   HMOALLPS.DAT
6212358C0D564EA15010D11DCF8CC69C   HMOSAMPS.DAT
DB878D01DB369D08F12B0B29191006D3   HOSPITAL.DAT
2635D80EBDFB756A0DC3DB850BDF73C3   HOUSEHLD.DAT
4630B1D79B5FCB6E1041F869F08C55E5   PERSONSX.DAT
696D2E84B93235D5956C4CB2D1664DFC   PHYSFITN.DAT
```

All 1975 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of
.DAT).

1974 MD5sums:

```
06DBF0DE278F7B225ECA104FAC5CABBF   CONDITON.DAT
633602DE7375A593C008FC46909E3D7C   CONDSUPP.DAT
FF36281A4DE5832975BA018268FCE672   CURREMPL.DAT
076724AC5FCBDC718B7E930AD963B631   DRVISITX.DAT
52AC327C9747E4E4AC27531A1F74BDCD   HEALTHIN.DAT
0872EA339D421640BF780B07F6AF6E96   HOSPITAL.DAT
AD7BB659D0342421273E0C3542AFEEAF   HOUSEHLD.DAT
D0154C886DB7C902A85791FBF5D2678A   HYPERTEN.DAT
734D4A89DE3E498D3BB684B2F52B4447   MEDCAREX.DAT
83F132F495BB4851890412DD287A1D00   PERSONSX.DAT
```

All 1974 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of
.DAT). HEALTHIN.DAT is not on the 1974 CD-ROM.

1973 MD5sums:

```
DAC44D501A0538767CDA707C109B2FB6   CONDITON.DAT
0C90F8147215A1B6CB0E230F50CE511C   CONDSUPP.DAT
1FE39CA5784C7A6480CFD125E74DAA33   DRVISITX.DAT
FBDF7A4C2C7DD5D14EE4F7A3A8C9AD5F   HOSPITAL.DAT
8CDF817D912275A93A0431B1AA93E831   HOUSEHLD.DAT
32B5A4C0193985B8600BB1FCEAF52968   PERSONSX.DAT
7B64681CE4D73B189AFA0B264F429F02   PRGNANCY.DAT
932164F562CD821F3627B11AEE224B3A   PRESCRMD.DAT
```

All 1973 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of
.DAT). PRGNANCY.DAT is not on the 1973 CD-ROM.

1972 MD5sums:

```
649926147C356ADA83810AD031071AAB   CONDITON.DAT
F67CF83ADA8E94DB2C1FCB29003B9BEA   DRVISITX.DAT
A2639EF2748129815026D187F56446F5   HEALTHIN.DAT
DBFA8D2AB63B32C4B43CFD4D3DDA1873   HOSPITAL.DAT
8755184796449B4216C4C470D230ACCE   HOUSEHLD.DAT
A64D167394D48F90393389362C5AFEB8   PERSONSX.DAT
```

All 1972 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of
.DAT). HEALTHIN.DAT is not on the 1972 CD-ROM.

1971 MD5sums:

```
C8D1256C6E45E035A450DDCF3B0954D9   CONDITON.DAT
E9CB667F97A83DDDC8160020AA612956   DRVISITX.DAT
2CCD323078CF6D28FFCF8D8D4BA66BAA   HOSPITAL.DAT
B5ED6E006FF4FA81B500240B5300B535   HOUSEHLD.DAT
90C353C5B7479EA60BAC15A625BCFCBD   PERSONSX.DAT
60F33424280D7F9ECC65795A4388CE51   PERSSUPP.DAT
```

All 1971 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT) except PERSONSX.ASC and HEARPRSN.ASC (which is the CD file corresponding to PERSSUPP.DAT). The CD file DRVISITS.ASC corresponds to DRVISITX.DAT. The current versions of PERSONSX.DAT and PERSSUPP.DAT contain a repair to an invalid value of person number (column 13) in CD record #83954 - the invalid value was changed to "3" and the files were re-sorted.

1970 MD5sums:

```
D65EF5B8D619D4F9CBCDC4ECA82F4B3C   CONDITON.DAT
A5CB64424ED1DDDBE60C9B03666AC2A8   DRVISITX.DAT
17368BDAB52F55343C661EABBAAC3651   HEALTHIN.DAT
9C925E60A98E38AEA2AA17EF64E7B404   MEDCCOST.DAT
BD50DECBDF91AA52BA664139667E6DDB   HOSPITAL.DAT
688939FCCF68493D76B84CD7C509640B   HOUSEHLD.DAT
6B0F0FD3143B88EA7DE8710D1667BBA9   PERSONSX.DAT
061E3EC4293E692A6DC46F2B99C04D55   XRAYXXXX.DAT
```

All 1970 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). HEALTHIN.DAT, MEDCCOST.DAT, and XRAYXXXX.DAT are not on the 1970 CD-ROM

1969 MD5sums:

```
595C1FB4A3B7B8064F3CA4C1272822BC   AIDSSPEC.DAT
86A0A534427DD848A84BDFA93D025440   ARTHRTIS.DAT
750FC1145DFEF1118ECF2B097C6D67EC   CONDITON.DAT
9CC3D8E5129BEF50DC3A1AA16715DA46   DRVISITX.DAT
39FD151DAD8B3813DBC561FB22101927   HOSPITAL.DAT
FA33ED33B8425088D7387D7B9A2C440C   HOUSEHLD.DAT
18D79F5FB4CFC5FCF712F52C5D5217B2   PERSONSX.DAT
```

None of the 1969 CD-ROM ASCII files are current (the CD filenames end in .ASC instead of .DAT). Changes to the files are described in the 1969 NHIS "Notices for Data Users" (HIS69log.txt) at the FTP server location: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Update_Notices/NHIS/1969/ .

1968 MD5sums:

```
B6AABABED1174C220F1B34A802FDCD62   CONDITIONC.DAT
58EE6651557D8649C3B7494E40BCCA2C   CONDITIONF.DAT
53A0F05741DFB8767D275B5DD0E4A67C   DRVISITC.DAT
BA0133F55C4284BAE81EE5851A152279   DRVISITF.DAT
A53E59874AE4D330ED011169603951E1   HOMECAREF.DAT
7985CB3F5C6ADA53245FCB8163EF2D0B   HOSPITALC.DAT
ACCBF4C38C7F10BCF7E06E191622EAB2   HOSPITALF.DAT
E2757152995692B0C5BA74EB8F43F253   MVPACDNTC.DAT
65B1A91C09550AAD2D667AAA4EA356B0   MVPACDNTF.DAT
030165976D86ED80F18D61D1EEBEE946   PERSONC.DAT
3A6192EDE18C0484E4FC4FA400AA24B6   PERSONF.DAT
```

The 1968 files were never released on CD-ROM.

1967 MD5sums:

```
57457382DE539B6ACA8C5ACC4D5F89DD   CONDITION.DAT
443BADFA52A48B05E62BC932B3B71069   DRVISIT.DAT
26BE96AE3FF6F15B2ED37C8FDEC55533   HOMECARE.DAT
506406193256B4DB403593447B5D12E6   HOSPITAL.DAT
F1E8E34C531F06E395DD185A932B8D56   HOUSEHOLD.DAT
977AEF25AC5C0C525C27C89CFF810DCF   PERSON.DAT
```

The 1967 files were never released on CD-ROM.

1966 MD5sums:

```
B815CB33B16E91EB5086C8B7C0DE54C7   CONDITION.DAT
9C9103FF2E77CF2DF4540BB89E6ACB6C   HOSPITAL.DAT
0A4A124DA4D925AC2124EDBB690F7C68   HOUSEHOLD.DAT
7619BE8A83E4DC4AFDB18151D62D2815   MEDCARE.DAT
ED61CE753C441A00942F2D3218F411A9   PERSON.DAT
```

The 1966 files were never released on CD-ROM.

1965 MD5sums:

```
C2C3B5DA90724F55B990D8F8E0299A64   CONDITION.DAT
6DFCACBD2E3F96598A4FB2E26FB2EA27   DIABETES.DAT
F76278B0AED1B5C305BF6E561EDCB924   HOSPITAL.DAT
FC2F9AD000B015EA95F2588536720D72   NPRESMED.DAT
CD37051EA0CFC006959F2A4B5D26E88C   PERSON.DAT
988447710E5957C084FD99D6A60F6845   PRESMED.DAT
```

The 1965 files were never released on CD-ROM.

1964 MD5sums:

```
805C69E48F25C7AC06719B812605B73B   CONDITION.DAT
1056F2C73D797DA6F26316E2452A8293   FAMILY.DAT
90863634935B7E10F055FD0C501E9732   HOSPITAL.DAT
C1CE7B9E48F17A76575EF7B7BFC664C4   PERSON.DAT
765D01ECC30A2E46F112D53AE1B52605   XRAY.DAT
```

The 1964 files were never released on CD-ROM.

1963 MD5sums:

```
F114F3D9600CDA359ADA9C39E67D3052   CONDITION.DAT
FE7BF1E52CBB1570E96D01F7308EB9E5   FAMILY.DAT
D77E236917A97E0EF8E108C234539F1F   HEALTH_EXP.DAT
D1E2138AAFE8CD00A6BB707CDA0CE771   HOSPITAL.DAT
2772BD45641525F1F167685C67F21137   HOUSEHOLD.DAT
EC4918BF515FCCA3BC091AFF4FB25A9E   PERSON.DAT
```

The 1963 files were never released on CD-ROM.

Example Perl script to access NHIS data on 1987-1992 SETS CD-ROMs

The Perl script on the next page converts the NHIS person file on the 1988 SETS CD-ROM into a file with carriage control and line feed characters at the end of each data record. Perl is an open source programming language that is available on the Internet for no cost. The name of the NHIS file to be processed must be provided in the script ($filename="personxx"), along with the record length ($reclen=335) and the number of records ($numrec=122310). This example script ran successfully from a command prompt on a Microsoft Windows system with the input CD-ROM file located at d:\nchs and the output file specified to be located at c:\myfiles\chris\perl. The script must be modified for other input and/or output locations. The test Microsoft Windows system had ActivePerl 5.8.8 Build 820 installed.

The script generated a short message after processing the data (which required about 10 minutes):

input byte stream length=40973850
122310 records written, length 335

The input byte stream length should match the size of the SETS CD-ROM file.

Users on UNIX-like systems can change the output specification from

$outrec, "\015\012"

To

$outrec, "\012"

Because only a line feed character is necessary on UNIX-like systems.

```perl
use strict;
use integer;
my $filename = "personxx";
my $reclen = 335;
my $numrec = 122310;
open(INFILE,"d:\\nchs\\$filename.dat") or die "cannot open $filename.dat: $!";
open(OUTFILE,">c:\\myfiles\\chris\\perl\\$filename.txt") or die "cannot open
$filename.txt: $!";
binmode(OUTFILE);
my $inrec=<INFILE>;
my $inlength=length($inrec);
my $testlen = $reclen * $numrec;
if ($testlen != $inlength)
{
  print STDOUT "reclen * numrec != SETS file length";
  die;
}
print STDOUT "input byte stream length=", $inlength, "\n";
my $i = 1;
my $point = 0;
while ($i <= $numrec)
{
  my $outrec = substr($inrec,$point,$reclen);
  print OUTFILE $outrec, "\015\012";
  my $outlength=length($outrec);
  if ($outlength != $reclen)
  {
    print STDOUT $outlength, $reclen, "reclen != output record length";
    die;
  }
  $point = $point + $reclen;
  $i++;
}
print STDOUT $numrec, " records written, length ", $reclen;
close INFILE;
close OUTFILE;
```