



**NATIONWIDE INPATIENT SAMPLE  
NIS 1994 FILE SPECIFICATIONS AND RECORD LAYOUTS**

HCUP-3 FILE SPECIFICATIONS NATIONWIDE INPATIENT SAMPLE (NIS), RELEASE 3, 1994							
Year	Links to Record Layouts	Description	Data Set Name	Number of Records	Record Length	Number of Bytes	
1994	2	Full NIS, Inpatient Stay Core File A	NIS94_A.ASC	6,385,011	95	619,346,067	
	4	Full NIS, Inpatient Stay Core File B	NIS94_B.ASC	6,385,011	91	593,806,023	
	5	Full NIS, Inpatient Stay Core File C	NIS94_C.ASC	6,385,011	65	427,795,737	
	6	Full NIS, Core File DX (diagnoses)	NIS94_DX.ASC	27,117,255	20	596,579,610	
	7	Full NIS, Core File PR (procedures)	NIS94_PR.ASC	9,287,269	19	195,032,649	
	8	Hospital Weights File		NIS94WT.ASC	904	251	228,712
	10	Inpatient Stay Subsample 1	Core File (A/B/C)	N94S1ABC.ASC	638,501	225	144,939,727
	13		Core File DX (diagnoses)	N94S1_DX.ASC	2,714,274	20	59,714,028
	14		Core File PR (procedures)	N94S1_PR.ASC	927,979	19	19,487,559
	10	Inpatient Stay Subsample 2	Core File (A/B/C)	N94S2ABC.ASC	638,501	225	144,939,727
	13		Core File DX (diagnoses)	N94S2_DX.ASC	2,711,472	20	59,652,384
	14		Core File PR (procedures)	N94S2_PR.ASC	927,926	19	19,486,446
	15	Casemix Counts: Hospital-level counts	by DCCHPR1	N94_HDC1.ASC	163,222	46	7,834,656
	16		by DRG	N94_HDRG.ASC	262,621	46	12,605,808
	17		by PCCHPR1	N94_HPC1.ASC	113,036	46	5,425,728

**HCUP-3 RECORD LAYOUT  
NIS 1994 INPATIENT STAY CORE FILE A**

Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
AGE	I:Age in years at admission	Num	3	0	1	3	
AGEDAY	I:Age in days (when < 1 year)	Num	3	3	4	6	
DCCHPR1	I:CCHPR: principal diagnosis	Num	3	6	7	9	
DIED	I:Died during hospitalization	Num	3	9	10	11	
DISCWT_U	H:Weight to discharges in universe	Num	8	90	12	19	
DISP	I:Disposition of patient	Num	3	12	20	21	
DQTR	I:Discharge quarter	Num	3	15	22	22	
DRG	I:DRG in effect on discharge date	Num	3	18	23	25	
DRG10	I:DRG, Version 10	Num	3	21	26	28	
DRGVER	I:DRG grouper version used on disch date	Num	3	24	29	30	
DX1	I:Principal diagnosis	Char	5	27	31	35	
DXV1	I:Validity flag: principal diagnosis	Num	3	32	36	37	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	35	38	42	
LOS	I:Length of stay (cleaned)	Num	4	39	43	47	
MDC	I:MDC in effect on discharge date	Num	3	43	48	49	
MDC10	I:MDC, Version 10	Num	3	46	50	51	
NDX	I:Number of diagnoses on this discharge	Num	3	49	52	53	
NPR	I:Number of procedures on this discharge	Num	3	52	54	55	

HCUP-3 RECORD LAYOUT NIS 1994 INPATIENT STAY CORE FILE A							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
PAY1	I:Primary expected payer, uniform	Num	3	55	56	57	
PCCHPR1	I:CCHPR: principal procedure	Num	3	58	58	60	
PR1	I:Principal procedure	Char	4	61	61	64	
PRV1	I:Validity flag: principal procedure	Num	3	65	65	66	
RACE	I:Race	Num	3	68	67	68	
SEQ	I:HCUP-3 record sequence number	Num	7	71	69	81	
SEX	I:Sex	Num	3	78	82	83	
TOTCHG	I:Total charges (cleaned)	Num	6	81	84	93	
ZIPINC4	I:Median income-pt's zip code-4 catgcs	Num	3	87	94	95	

\*Refer to the text files "README.TXT" in the NISTOOLS subdirectories on CD #6, NISTOOLS\GENERIC\LAYOUT, NISTOOLS\SAS, and NISTOOLS\SPSS.

HCUP-3 RECORD LAYOUT NIS 1994 INPATIENT STAY CORE FILE B							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
ASOURCE	I:Admission source	Num	3	0	1	2	
ATYPE	I:Admission type	Num	3	3	3	4	
DSHOSPID	I:Data source hospital ID number	Char	13	6	5	17	
LOS_X	I:Length of stay (uncleaned)	Num	4	19	18	23	
MDID_S	I:Attending physician number (synthetic)	Char	16	23	24	39	
NEOMAT	I:Neonatal and/or maternal DX and/or PR	Num	3	39	40	40	
PRDAY1	I:No. of days from admission to PR1	Num	4	42	41	45	
SEQ	I:HCUP-3 record sequence number	Num	7	46	46	58	
SURGID_S	I:Primary surgeon number (synthetic)	Char	16	53	59	74	
TOTCHG_X	I:Total charges (from data source)	Num	7	69	75	89	2
ZIPINC8	I:Median income-pt's zip code-8 catags	Num	3	76	90	91	

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HCUP-3 RECORD LAYOUT NIS 1994 INPATIENT STAY CORE FILE C							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
ADAYWK	I:Admission day of week	Num	3	0	1	2	
AMONTH	I:Admission month	Num	3	3	3	4	
DSNDX	I:Max number of diagnoses from source	Num	3	6	5	6	
DSNPR	I:Max number of procedures from source	Num	3	9	7	8	
DSNUM	I:Data source ID number	Num	3	12	9	10	
DSTYPE	I:Data source type	Num	3	15	11	11	
DXSYS	I:Diagnosis coding system	Num	3	18	12	13	
HOSPST	Hospital state postal code	Char	2	21	14	15	
HOSPSTCO	Hospital state/county FIPS code	Num	4	23	16	20	
PAY2	I:Secondary expected payer, uniform	Num	3	30	23	24	
PAY1_N	I:Primary expected payer, nonuniform	Num	3	27	21	22	
PAY2_N	I:Secondary expected payer, nonuniform	Num	3	33	25	26	
PROCESS	I:HCUP-3 discharge processing ID number	Num	6	36	27	37	
PRSYS	I:Procedure coding system	Num	3	42	38	39	
SEQ	I:HCUP-3 record sequence number	Num	7	45	40	52	
SEQ_SID	I:HCUP-3 SID record sequence number	Num	7	52	53	65	

\*Refer to the text files "README.TXT" in the NISTOOLS subdirectories on CD #6, NISTOOLS\GENERIC\LAYOUT, NISTOOLS\SAS, and NISTOOLS\SPSS.

HCUP-3 RECORD LAYOUT NIS 1994 INPATIENT STAY CORE FILE DX (DIAGNOSES)							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
DX	I:Diagnosis	Char	5	7	1	5	
DXV	I:Validity flag: diagnosis	Num	3	12	6	7	
SEQ	I:HCUP-3 record sequence number	Num	7	0	8	20	

\*Refer to the text files "README.TXT" in the NISTOOLS subdirectories on CD #6, NISTOOLS\GENERIC\LAYOUT, NISTOOLS\SAS, and NISTOOLS\SPSS.

HCUP-3 RECORD LAYOUT NIS 1994 INPATIENT STAY CORE FILE PR (PROCEDURES)							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
PR	I:Procedure	Char	4	7	1	4	
PRV	I:Validity flag: procedure	Num	3	11	5	6	
SEQ	I:HCUP-3 record sequence number	Num	7	0	7	19	

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**HCUP-3 RECORD LAYOUT  
NIS 1994 HOSPITAL WEIGHTS FILE**

Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
AHAID	H:AHA ID number with the leading 6	Char	7	115	1	7	
DISCWT_F	H:Weight to dschgs in the frame states	Num	8	107	8	17	4
DISCWT_S	H:Weight to discharges in state	Num	8	184	18	27	4
DISCWT_U	H:Weight to discharges in universe	Num	8	99	28	37	4
HOSPADDR	H:Hospital address from AHA Survey	Char	30	222	38	67	
HOSPCITY	H:Hospital city from AHA Survey	Char	20	252	68	87	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	95	88	92	
HOSPNAME	H:Hospital name from AHA Survey	Char	30	192	93	122	
HOSPST	Hospital state postal code	Char	2	93	123	124	
HOSPWT_F	H:Weight to hosps in the frame states	Num	8	64	125	134	4
HOSPWT_S	H:Weight to hosps in the state	Num	8	176	135	144	4
HOSPWT_U	H:Weight to hosps in the universe	Num	8	56	145	154	4
HOSPZIP	H:Hospital zip code from AHA Survey	Char	5	272	155	159	
H_BEDSZ	H:Bedsize of hospital	Num	3	90	160	161	
H_CONTRL	H:Control/ownership of hospital	Num	3	84	162	163	
H_LOC	H:Location (urban/rural) of hospital	Num	3	122	164	165	
H_LOCTCH	H:Location/teaching status of hospital	Num	3	87	166	167	
H_REGION	H:Region of hospital	Num	3	78	168	169	



HCUP-3 RECORD LAYOUT NIS 1994 HOSPITAL WEIGHTS FILE							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
H_TCH	H:Teaching status of hospital	Num	3	125	170	171	
IDNUMBER	MFI ID NO. of hospital (no leading 6)	Char	6	72	172	177	
N_DISC_F	H:Num. frame state dischgs in STRATUM	Num	8	48	178	185	
N_DISC_S	H:Num. state's discharges in STRAT_ST	Num	8	152	186	193	
N_DISC_U	H:Num. universe discharges in STRATUM	Num	8	16	194	201	
N_HOSP_F	H:Num. frame state hospitals in STRATUM	Num	8	24	202	205	
N_HOSP_S	H:Num. state's hospitals in STRAT_ST	Num	8	144	206	209	
N_HOSP_U	H:Num. universe hospitals in STRATUM	Num	8	8	210	213	
STRATUM	H:Stratum used to post-stratify hospital	Num	8	0	214	218	
STRAT_ST	H:Stratum for state-specific weights	Num	8	136	219	223	
S_DISC_S	H:Num. sample discharges in STRAT_ST	Num	8	168	224	230	
S_DISC_U	H:Num. sample discharges in STRATUM	Num	8	40	231	237	
S_HOSP_S	H:Num. sample hospitals in STRAT_ST	Num	8	160	238	240	
S_HOSP_U	H:Num. sample hospitals in STRATUM	Num	8	32	241	243	
TOTDSCHG	H:Total hospital discharges	Num	8	128	244	249	
YEAR	Calendar year	Num	3	81	250	251	

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**HCUP-3 RECORD LAYOUT  
NIS 1994 SUBSAMPLES 1 AND 2, INPATIENT STAY CORE FILE (A/B/C)**

Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
ADAYWK	I:Admission day of week	Num	3	0	1	2	
AGE	I:Age in years at admission	Num	3	3	3	5	
AGEDAY	I:Age in days (when < 1 year)	Num	3	6	6	8	
AMONTH	I:Admission month	Num	3	9	9	10	
ASOURCE	I:Admission source	Num	3	12	11	12	
ATYPE	I:Admission type	Num	3	15	13	14	
D10CWT_U	H:10% sample discharge wght in universe	Num	8	214	15	22	
DCCHPR1	I:CCHPR: principal diagnosis	Num	3	18	23	25	
DIED	I:Died during hospitalization	Num	3	21	26	27	
DISP	I:Disposition of patient	Num	3	24	28	29	
DQTR	I:Discharge quarter	Num	3	27	30	30	
DRG	I:DRG in effect on discharge date	Num	3	30	31	33	
DRG10	I:DRG, Version 10	Num	3	33	34	36	
DRGVER	I:DRG grouper version used on disch date	Num	3	36	37	38	
DSHOSPID	I:Data source hospital ID number	Char	13	39	39	51	
DSNDX	I:Max number of diagnoses from source	Num	3	52	52	53	
DSNPR	I:Max number of procedures from source	Num	3	55	54	55	
DSNUM	I:Data source ID number	Num	3	58	56	57	

HCUP-3 RECORD LAYOUT NIS 1994 SUBSAMPLES 1 AND 2, INPATIENT STAY CORE FILE (A/B/C)							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
DSTYPE	I:Data source type	Num	3	61	58	58	
DX1	I:Principal diagnosis	Char	5	64	59	63	
DXSYS	I:Diagnosis coding system	Num	3	69	64	65	
DXV1	I:Validity flag: principal diagnosis	Num	3	72	66	67	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	75	68	72	
HOSPST	Hospital state postal code	Char	2	79	73	74	
HOSPSTCO	Hospital state/county FIPS code	Num	4	81	75	79	
LOS	I:Length of stay (cleaned)	Num	4	85	80	84	
LOS_X	I:Length of stay (uncleaned)	Num	4	89	85	90	
MDC	I:MDC in effect on discharge date	Num	3	93	91	92	
MDC10	I:MDC, Version 10	Num	3	96	93	94	
MDID_S	I:Attending physician number (synthetic)	Char	16	99	95	110	
NDX	I:Number of diagnoses on this discharge	Num	3	115	111	112	
NEOMAT	I:Neonatal and/or maternal DX and/or PR	Num	3	118	113	113	
NPR	I:Number of procedures on this discharge	Num	3	121	114	115	
PAY1	I:Primary expected payer, uniform	Num	3	124	116	117	
PAY2	I:Secondary expected payer, uniform	Num	3	130	120	121	
PAY1_N	I:Primary expected payer, nonuniform	Num	3	127	118	119	

HCUP-3 RECORD LAYOUT NIS 1994 SUBSAMPLES 1 AND 2, INPATIENT STAY CORE FILE (A/B/C)							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
PAY2_N	I:Secondary expected payer, nonuniform	Num	3	133	122	123	
PCCHPR1	I:CCHPR: principal procedure	Num	3	136	124	126	
PR1	I:Principal procedure	Char	4	139	127	130	
PRDAY1	I:No. of days from admission to PR1	Num	4	143	131	135	
PROCESS	I:HCUP-3 discharge processing ID number	Num	6	147	136	146	
PRSYS	I:Procedure coding system	Num	3	153	147	148	
PRV1	I:Validity flag: principal procedure	Num	3	156	149	150	
RACE	I:Race	Num	3	159	151	152	
SEQ	I:HCUP-3 record sequence number	Num	7	162	153	165	
SEQ_SID	I:HCUP-3 SID record sequence number	Num	7	169	166	178	
SEX	I:Sex	Num	3	176	179	180	
SURGID_S	I:Primary surgeon number (synthetic)	Char	16	179	181	196	
TOTCHG	I:Total charges (cleaned)	Num	6	195	197	206	
TOTCHG_X	I:Total charges (from data source)	Num	7	201	207	221	2
ZIPINC4	I:Median income-pt's zip code-4 catgcs	Num	3	208	222	223	
ZIPINC8	I:Median income-pt's zip code-8 catgcs	Num	3	211	224	225	

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HCUP-3 RECORD LAYOUT NIS 1994 SUBSAMPLES 1 AND 2, CORE FILE DX (DIAGNOSES)							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
DX	I:Diagnosis	Char	5	7	1	5	
DXV	I:Validity flag: diagnosis	Num	3	12	6	7	
SEQ	I:HCUP-3 record sequence number	Num	7	0	8	20	

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HCUP-3 RECORD LAYOUT NIS 1994 SUBSAMPLES 1 AND 2, CORE FILE PR (PROCEDURES)							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
PR	I:Procedure	Char	4	7	1	4	
PRV	I:Validity flag: procedure	Num	3	11	5	6	
SEQ	I:HCUP-3 record sequence number	Num	7	0	7	19	

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HCUP-3 RECORD LAYOUT NIS 1994 CASEMIX COUNTS, HOSPITAL-LEVEL COUNTS BY DCCHPR1, PRINCIPAL DIAGNOSIS							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
DCCHPR1	I:CCHPR: principal diagnosis	Num	3	0	1	3	
DISCWT_U	H:Weight to discharges in universe	Num	8	7	4	11	4
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	3	12	16	
N_LOS	I:Discharges reporting cleaned LOS	Num	8	31	17	21	
N_TOTAL	I:Total number of discharges	Num	8	15	22	26	
N_TOTCHG	I:Discharges reporting cleaned TOTCHG	Num	8	47	27	31	
SUMCHG	I:Sum of cleaned TOTCHG	Num	8	39	32	40	
SUMLOS	I:Sum of cleaned LOS	Num	8	23	41	46	

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HCUP-3 RECORD LAYOUT NIS 1994 CASEMIX COUNTS, HOSPITAL-LEVEL COUNTS BY DRG							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
DISCWT_U	H:Weight to discharges in universe	Num	8	7	1	8	4
DRG10	I:DRG, Version 10	Num	3	0	9	11	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	3	12	16	
N_LOS	I:Discharges reporting cleaned LOS	Num	8	31	17	21	
N_TOTAL	I:Total number of discharges	Num	8	15	22	26	
N_TOTCHG	I:Discharges reporting cleaned TOTCHG	Num	8	47	27	31	
SUMCHG	I:Sum of cleaned TOTCHG	Num	8	39	32	40	
SUMLOS	I:Sum of cleaned LOS	Num	8	23	41	46	

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HCUP-3 RECORD LAYOUT NIS 1994 CASEMIX COUNTS, HOSPITAL-LEVEL COUNTS BY PCCHPR1, PRINCIPAL PROCEDURE							
Name	Label	Type	SAS Version *		ASCII Version *		
			Length	Position	Start	End	Decimal
DISCWT_U	H:Weight to discharges in universe	Num	8	4	1	8	4
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	0	9	13	
N_LOS	I:Discharges reporting cleaned LOS	Num	8	31	14	18	
N_TOTAL	I:Total number of discharges	Num	8	15	19	23	
N_TOTCHG	I:Discharges reporting cleaned TOTCHG	Num	8	47	24	28	
PCCHPR1	I:CCHPR: principal procedure	Num	3	12	29	31	
SUMCHG	I:Sum of cleaned TOTCHG	Num	8	39	32	40	
SUMLOS	I:Sum of cleaned LOS	Num	8	23	41	46	

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