



**NATIONWIDE INPATIENT SAMPLE  
NIS 1993 FILE SPECIFICATIONS AND RECORD LAYOUTS**

HCUP-3 FILE SPECIFICATIONS NATIONWIDE INPATIENT SAMPLE (NIS), RELEASE 2, 1993							
Year	Page Numbers: Record Layouts	Description	Data Set Name	Number of Records	Record Length	Number of Bytes	
1993	2	Full NIS, Inpatient Stay Core File A	NIS93_A.ASC	6,538,976	95	634,280,672	
	4	Full NIS, Inpatient Stay Core File B	NIS93_B.ASC	6,538,976	91	608,124,768	
	5	Full NIS, Inpatient Stay Core File C	NIS93_C.ASC	6,538,976	52	353,104,704	
	6	Full NIS, Core File DX (diagnoses)	NIS93_DX.ASC	25,769,405	20	566,926,910	
	7	Full NIS, Core File PR (procedures)	NIS93_PR.ASC	9,402,279	19	197,447,859	
	8	Hospital Weights File		NIS93WT.ASC	913	251	230,989
	10	Inpatient Stay Subsample #1	Core File (A/B/C)	N93S1ABC.ASC	653,898	212	139,934,172
	13		Core File DX (diagnoses)	N93S1_DX.ASC	2,576,923	20	56,692,306
	14		Core File PR (procedures)	N93S1_PR.ASC	937,805	19	19,693,905
	10	Inpatient Stay Subsample #2	Core File (A/B/C)	N93S2ABC.ASC	653,897	212	139,933,958
	13		Core File DX (diagnoses)	N93S2_DX.ASC	2,574,489	20	56,638,758
	14		Core File PR (procedures)	N93S2_PR.ASC	939,233	19	19,723,893
	15	Casemix Counts: Hospital-level counts	by DCCHPR1	N93_HDC1.ASC	165,647	46	7,951,056
	16		by DRG	N93_HDRG.ASC	268,584	46	12,892,032
	17		by PCCHPR1	N93_HPC1.ASC	115,431	45	5,540,688

HCUP-3 RECORD LAYOUT 1993 FULL NIS, 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	1	1	3	
AGEDAY	I:Age in days (when < 1 year)	Num	3	2	4	6	
DCCHPR1	I:CCHPR: principal diagnosis	Num	3	3	7	9	
DIED	I:Died during hospitalization	Num	3	4	10	11	
DISCWT_U	H:Weight to discharges in universe	Num	8	27	12	19	
DISP	I:Disposition of patient	Num	3	5	20	21	
DQTR	I:Discharge quarter	Num	3	6	22	22	
DRG	I:DRG in effect on discharge date	Num	3	7	23	25	
DRG10	I:DRG, Version 10	Num	3	8	26	28	
DRGVER	I:DRG grouper version used on disch date	Num	3	9	29	30	
DX1	I:Principal diagnosis	Char	5	10	31	35	
DXV1	I:Validity flag: principal diagnosis	Num	3	11	36	37	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	12	38	42	
LOS	I:Length of stay (cleaned)	Num	4	13	43	47	
MDC	I:MDC in effect on discharge date	Num	3	14	48	49	
MDC10	I:MDC, Version 10	Num	3	15	50	51	
NDX	I:Number of diagnoses on this discharge	Num	3	16	52	53	
NPR	I:Number of procedures on this discharge	Num	3	17	54	55	

HCUP-3 RECORD LAYOUT 1993 FULL NIS, 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	18	56	57	
PCCHPR1	I:CCHPR: principal procedure	Num	3	19	58	60	
PR1	I:Principal procedure	Char	4	20	61	64	
PRV1	I:Validity flag: principal procedure	Num	3	21	65	66	
RACE	I:Race	Num	3	22	67	68	
SEQ	I:HCUP-3 record sequence number	Num	7	23	69	81	
SEX	I:Sex	Num	3	24	82	83	
TOTCHG	I:Total charges (cleaned)	Num	6	25	84	93	
ZIPINC4	I:Median income-pt's zip code-4 catgcs	Num	3	26	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 1993 FULL NIS, INPATIENT STAY CORE FILE B							
Name	Label	Type	SAS Version*		ASCII Version*		
			Length	Position	Start	End	Decimal
ASOURCE	I:Admission source	Num	3	1	1	2	
ATYPE	I:Admission type	Num	3	2	3	4	
DSHOSPID	I:Data source hospital ID number	Char	13	3	5	17	
LOS_X	I:Length of stay (uncleaned)	Num	4	4	18	23	
MDID_S	I:Attending physician number (synthetic)	Char	16	5	24	39	
NEOMAT	I:Neonatal and/or maternal DX and/or PR	Num	3	6	40	40	
PRDAY1	I:No. of days from admission to PR1	Num	4	7	41	45	
SEQ	I:HCUP-3 record sequence number	Num	7	8	46	58	
SURGID_S	I:Primary surgeon number (synthetic)	Char	16	9	59	74	
TOTCHG_X	I:Total charges (from data source)	Num	7	10	75	89	2
ZIPINC8	I:Median income-pt's zip code-8 catags	Num	3	11	90	91	

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HCUP-3 RECORD LAYOUT 1993 FULL NIS, 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	1	1	2	
AMONTH	I:Admission month	Num	3	2	3	4	
DSNDX	I:Max number of diagnoses from source	Num	3	3	5	6	
DSNPR	I:Max number of procedures from source	Num	3	4	7	8	
DSNUM	I:Data source ID number	Num	3	5	9	10	
DSTYPE	I:Data source type	Num	3	6	11	11	
DXSYS	I:Diagnosis coding system	Num	3	7	12	13	
HOSPST	Hospital state postal code	Char	2	8	14	15	
HOSPSTCO	Hospital state/county FIPS code	Num	4	9	16	20	
PAY2	I:Secondary expected payer, uniform	Num	3	11	23	24	
PAY1_N	I:Primary expected payer, nonuniform	Num	3	10	21	22	
PAY2_N	I:Secondary expected payer, nonuniform	Num	3	12	25	26	
PROCESS	I:HCUP-3 discharge processing ID number	Num	6	13	27	37	
PRSYS	I:Procedure coding system	Num	3	14	38	39	
SEQ	I:HCUP-3 record sequence number	Num	7	15	40	52	

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HCUP-3 RECORD LAYOUT 1993 FULL NIS, INPATIENT STAY CORE FILE DX (DIAGNOSES)							
Name	Label	Type	SAS Version*		ASCII Version*		
			Length	Position	Start	End	Decimal
DX	I:Diagnosis	Char	5	2	1	5	
DXV	I:Validity flag: diagnosis	Num	3	3	6	7	
SEQ	I:HCUP-3 record sequence number	Num	7	1	8	20	

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HCUP-3 RECORD LAYOUT 1993 FULL NIS, INPATIENT STAY CORE FILE PR (PROCEDURES)							
Name	Label	Type	SAS Version*		ASCII Version*		
			Length	Position	Start	End	Decimal
PR	I:Procedure	Char	4	2	1	4	
PRV	I:Validity flag: procedure	Num	3	3	5	6	
SEQ	I:HCUP-3 record sequence number	Num	7	1	7	19	

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HCUP-3 RECORD LAYOUT 1993 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	19	1	7	
DISCWT_F	H:Weight to dschgs in the frame states	Num	8	18	8	17	4
DISCWT_S	H:Weight to discharges in state	Num	8	29	18	27	4
DISCWT_U	H:Weight to discharges in universe	Num	8	17	28	37	4
HOSPADDR	H:Hospital address from AHA Survey	Char	30	32	38	67	
HOSPCITY	H:Hospital city from AHA Survey	Char	20	33	68	87	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	16	88	92	
HOSPNAME	H:Hospital name from AHA Survey	Char	30	31	93	122	
HOSPST	Hospital state postal code	Char	2	30	123	124	
HOSPWT_F	H:Weight to hosps in the frame states	Num	8	9	125	134	4
HOSPWT_S	H:Weight to hosps in the state	Num	8	28	135	144	4
HOSPWT_U	H:Weight to hosps in the universe	Num	8	8	145	154	4
HOSPZIP	H:Hospital zip code from AHA Survey	Char	5	34	155	159	
H_BEDSZ	H:Bedsize of hospital	Num	3	14	160	161	
H_CONTRL	H:Control/ownership of hospital	Num	3	12	162	163	
H_LOC	H:Location (urban/rural) of hospital	Num	3	20	164	165	
H_LOCTCH	H:Location/teaching status of hospital	Num	3	13	166	167	
H_REGION	H:Region of hospital	Num	3	11	168	169	



HCUP-3 RECORD LAYOUT 1993 HOSPITAL WEIGHTS FILE							
Name	Label	Type	SAS Version*		ASCII Version*		
			Length	Position	Start	End	Decimal
H_TCH	H:Teaching status of hospital	Num	3	21	170	171	
IDNUMBER	MFI ID NO. of hospital (no leading 6)	Char	6	10	172	177	
N_DISC_F	H:Num. frame state dischgs in STRATUM	Num	8	7	178	185	
N_DISC_S	H:Num. state's discharges in STRAT_ST	Num	8	25	186	193	
N_DISC_U	H:Num. universe discharges in STRATUM	Num	8	3	194	201	
N_HOSP_F	H:Num. frame state hospitals in STRATUM	Num	8	4	202	205	
N_HOSP_S	H:Num. state's hospitals in STRAT_ST	Num	8	24	206	209	
N_HOSP_U	H:Num. universe hospitals in STRATUM	Num	8	2	210	213	
STRATUM	H:Stratum used to post-stratify hospital	Num	8	1	214	218	
STRAT_ST	H:Stratum for state-specific weights	Num	8	23	219	223	
S_DISC_S	H:Num. sample discharges in STRAT_ST	Num	8	27	224	230	
S_DISC_U	H:Num. sample discharges in STRATUM	Num	8	6	231	237	
S_HOSP_S	H:Num. sample hospitals in STRAT_ST	Num	8	26	238	240	
S_HOSP_U	H:Num. sample hospitals in STRATUM	Num	8	5	241	243	
TOTDSCHG	H:Total hospital discharges	Num	8	22	244	249	
YEAR	Calendar year	Num	3	15	250	251	

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HCUP-3 RECORD LAYOUT 1993 INPATIENT STAY SUBSAMPLES #1 AND #2 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	1	1	2	
AGE	I:Age in years at admission	Num	3	2	3	5	
AGEDAY	I:Age in days (when < 1 year)	Num	3	3	6	8	
AMONTH	I:Admission month	Num	3	4	9	10	
ASOURCE	I:Admission source	Num	3	5	11	12	
ATYPE	I:Admission type	Num	3	6	13	14	
D10CWT_U	H:10% sample discharge wght in universe	Num	8	51	15	22	
DCCHPR1	I:CCHPR: principal diagnosis	Num	3	7	23	25	
DIED	I:Died during hospitalization	Num	3	8	26	27	
DISP	I:Disposition of patient	Num	3	9	28	29	
DQTR	I:Discharge quarter	Num	3	10	30	30	
DRG	I:DRG in effect on discharge date	Num	3	11	31	33	
DRG10	I:DRG, Version 10	Num	3	12	34	36	
DRGVER	I:DRG grouper version used on disch date	Num	3	13	37	38	
DSHOSPID	I:Data source hospital ID number	Char	13	14	39	51	
DSNDX	I:Max number of diagnoses from source	Num	3	15	52	53	
DSNPR	I:Max number of procedures from source	Num	3	16	54	55	
DSNUM	I:Data source ID number	Num	3	17	56	57	

<b>HCUP-3 RECORD LAYOUT 1993 INPATIENT STAY SUBSAMPLES #1 AND #2 CORE FILE (A/B/C)</b>							
<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>SAS Version*</b>		<b>ASCII Version*</b>		
			<b>Length</b>	<b>Position</b>	<b>Start</b>	<b>End</b>	<b>Decimal</b>
DSTYPE	I:Data source type	Num	3	18	58	58	
DX1	I:Principal diagnosis	Char	5	19	59	63	
DXSYS	I:Diagnosis coding system	Num	3	20	64	65	
DXV1	I:Validity flag: principal diagnosis	Num	3	21	66	67	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	22	68	72	
HOSPST	Hospital state postal code	Char	2	23	73	74	
HOSPSTCO	Hospital state/county FIPS code	Num	4	24	75	79	
LOS	I:Length of stay (cleaned)	Num	4	25	80	84	
LOS_X	I:Length of stay (uncleaned)	Num	4	26	85	90	
MDC	I:MDC in effect on discharge date	Num	3	27	91	92	
MDC10	I:MDC, Version 10	Num	3	28	93	94	
MDID_S	I:Attending physician number (synthetic)	Char	16	29	95	110	
NDX	I:Number of diagnoses on this discharge	Num	3	30	111	112	
NEOMAT	I:Neonatal and/or maternal DX and/or PR	Num	3	31	113	113	
NPR	I:Number of procedures on this discharge	Num	3	32	114	115	
PAY1	I:Primary expected payer, uniform	Num	3	33	116	117	
PAY2	I:Secondary expected payer, uniform	Num	3	35	120	121	
PAY1_N	I:Primary expected payer, nonuniform	Num	3	34	118	119	

HCUP-3 RECORD LAYOUT 1993 INPATIENT STAY SUBSAMPLES #1 AND #2 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	36	122	123	
PCCHPR1	I:CCHPR: principal procedure	Num	3	37	124	126	
PR1	I:Principal procedure	Char	4	38	127	130	
PRDAY1	I:No. of days from admission to PR1	Num	4	39	131	135	
PROCESS	I:HCUP-3 discharge processing ID number	Num	6	40	136	146	
PRSYS	I:Procedure coding system	Num	3	41	147	148	
PRV1	I:Validity flag: principal procedure	Num	3	42	149	150	
RACE	I:Race	Num	3	43	151	152	
SEQ	I:HCUP-3 record sequence number	Num	7	44	153	165	
SEX	I:Sex	Num	3	45	166	167	
SURGID_S	I:Primary surgeon number (synthetic)	Char	16	46	168	183	
TOTCHG	I:Total charges (cleaned)	Num	6	47	184	193	
TOTCHG_X	I:Total charges (from data source)	Num	7	48	194	208	2
ZIPINC4	I:Median income-pt's zip code-4 catgs	Num	3	49	209	210	
ZIPINC8	I:Median income-pt's zip code-8 catgs	Num	3	50	211	212	

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HCUP-3 RECORD LAYOUT 1993 INPATIENT STAY 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	2	1	5	
DXV	I:Validity flag: diagnosis	Num	3	3	6	7	
SEQ	I:HCUP-3 record sequence number	Num	7	1	8	20	

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HCUP-3 RECORD LAYOUT 1993 INPATIENT STAY 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	2	1	4	
PRV	I:Validity flag: procedure	Num	3	3	5	6	
SEQ	I:HCUP-3 record sequence number	Num	7	1	7	19	

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HCUP-3 RECORD LAYOUT 1993 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	1	1	3	
DISCWT_U	H:Weight to discharges in universe	Num	8	8	4	11	4
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	2	12	16	
N_LOS	I:Discharges reporting cleaned LOS	Num	8	5	17	21	
N_TOTAL	I:Total number of discharges	Num	8	3	22	26	
N_TOTCHG	I:Discharges reporting cleaned TOTCHG	Num	8	7	27	31	
SUMCHG	I:Sum of cleaned TOTCHG	Num	8	6	32	40	
SUMLOS	I:Sum of cleaned LOS	Num	8	4	41	46	

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HCUP-3 RECORD LAYOUT 1993 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	8	1	8	4
DRG10	I:DRG, Version 10	Num	3	1	9	11	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	2	12	16	
N_LOS	I:Discharges reporting cleaned LOS	Num	8	5	17	21	
N_TOTAL	I:Total number of discharges	Num	8	3	22	26	
N_TOTCHG	I:Discharges reporting cleaned TOTCHG	Num	8	7	27	31	
SUMCHG	I:Sum of cleaned TOTCHG	Num	8	6	32	40	
SUMLOS	I:Sum of cleaned LOS	Num	8	4	41	45	

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HCUP-3 RECORD LAYOUT 1993 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	8	1	8	4
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	4	1	9	13	
N_LOS	I:Discharges reporting cleaned LOS	Num	8	5	14	18	
N_TOTAL	I:Total number of discharges	Num	8	3	19	23	
N_TOTCHG	I:Discharges reporting cleaned TOTCHG	Num	8	7	24	28	
PCCHPR1	I:CCHPR: principal procedure	Num	3	2	29	31	
SUMCHG	I:Sum of cleaned TOTCHG	Num	8	6	32	40	
SUMLOS	I:Sum of cleaned LOS	Num	8	4	41	46	

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