



NATIONWIDE INPATIENT SAMPLE NIS 1988-1992 FILE SPECIFICATIONS AND RECORD LAYOUTS

HCUP-3 FILE SPECIFICATIONS NATIONWIDE INPATIENT SAMPLE (NIS), RELEASE 1, 1988-1992						
Year	Links to Record Layouts	Description	Data Set Name	Number of Records	Record Length	Number of Bytes
1992	6	Full NIS Inpatient Stay, Quarter 1	NIS92Q1.ASC	1,595,042	388	622,066,380
	6	Full NIS Inpatient Stay, Quarter 2	NIS92Q2.ASC	1,549,249	388	604,207,110
	6	Full NIS Inpatient Stay, Quarter 3	NIS92Q3.ASC	1,520,258	388	592,900,620
	6	Full NIS Inpatient Stay, Quarter 4	NIS92Q4.ASC	1,531,195	388	597,166,050
	13	Hospital Weights	NIS92WT.ASC	856	170	147,232
	6	Inpatient Stay 10% Subsample #1	NIS92S1.ASC	619,574	388	241,633,860
	6	Inpatient Stay 10% Subsample #2	NIS92S2.ASC	619,574	388	241,633,860

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Year	Links to Record Layouts	Description	Data Set Name	Number of Records	Record Length	Number of Bytes
1991	6	Full NIS Inpatient Stay, Quarter 1	NIS91Q1.ASC	1,554,530	388	606,266,700
	6	Full NIS Inpatient Stay, Quarter 2	NIS91Q2.ASC	1,540,325	388	600,726,750
	6	Full NIS Inpatient Stay, Quarter 3	NIS91Q3.ASC	1,520,525	388	593,004,750
	6	Full NIS Inpatient Stay, Quarter 4	NIS91Q4.ASC	1,540,808	388	600,915,120
	13	Hospital Weights	NIS91WT.ASC	859	170	147,748
	6	Inpatient Stay 10% Subsample #1	NIS91S1.ASC	615,620	388	240,091,800
	6	Inpatient Stay 10% Subsample #2	NIS91S2.ASC	615,619	388	240,091,410

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Year	Links to Record Layouts	Description	Data Set Name	Number of Records	Record Length	Number of Bytes
1990	6	Full NIS Inpatient Stay, Quarter 1	NIS90Q1.ASC	1,606,048	388	626,358,720
	6	Full NIS Inpatient Stay, Quarter 2	NIS90Q2.ASC	1,564,305	388	610,078,950
	6	Full NIS Inpatient Stay, Quarter 3	NIS90Q3.ASC	1,545,799	388	602,861,610
	6	Full NIS Inpatient Stay, Quarter 4	NIS90Q4.ASC	1,552,363	388	605,421,570
	13	Hospital Weights	NIS90WT.ASC	871	170	149,812
	6	Inpatient Stay 10% Subsample #1	NIS90S1.ASC	626,852	388	244,472,280
	6	Inpatient Stay 10% Subsample #2	NIS90S2.ASC	626,851	388	244,471,890

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Year	Links to Record Layouts	Description	Data Set Name	Number of Records	Record Length	Number of Bytes
1989	6	Full NIS Inpatient Stay, Quarter 1	NIS89Q1.ASC	1,543,863	388	602,106,570
	6	Full NIS Inpatient Stay, Quarter 2	NIS89Q2.ASC	1,515,536	388	591,059,040
	6	Full NIS Inpatient Stay, Quarter 3	NIS89Q3.ASC	1,516,427	388	591,406,530
	6	Full NIS Inpatient Stay, Quarter 4	NIS89Q4.ASC	1,534,238	388	598,352,820
	13	Hospital Weights	NIS89WT.ASC	882	170	151,704
	6	Inpatient Stay 10% Subsample #1	NIS89S1.ASC	611,007	388	238,292,730
	6	Inpatient Stay 10% Subsample #2	NIS89S2.ASC	611,006	388	238,292,340

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Year	Links to Record Layouts	Description	Data Set Name	Number of Records	Record Length	Number of Bytes
1988	6	Full NIS Inpatient Stay, Quarter 1	NIS88Q1.ASC	1,340,178	388	522,669,420
	6	Full NIS Inpatient Stay, Quarter 2	NIS88Q2.ASC	1,302,851	388	508,111,890
	6	Full NIS Inpatient Stay, Quarter 3	NIS88Q3.ASC	1,309,226	388	510,598,140
	6	Full NIS Inpatient Stay, Quarter 4	NIS88Q4.ASC	1,313,501	388	512,265,390
	13	Hospital Weights	NIS88WT.ASC	759	170	130,548
	6	Inpatient Stay 10% Subsample #1	NIS88S1.ASC	526,576	388	205,364,640
	6	Inpatient Stay 10% Subsample #2	NIS88S2.ASC	526,575	388	205,364,250

HCUP-3 RECORD LAYOUT
1988-1992 FULL NIS AND 10% SUBSAMPLES #1 AND #2, INPATIENT STAY

Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
ADAYWK	I:Admission day of week	Num	2	1	1	2	
AGE	I:Age in years at admission	Num	2	2	3	5	
AGEDAY	I:Age in days (when < 1 year)	Num	3	3	6	8	
AMONTH	I:Admission month	Num	2	4	9	10	
ASOURCE	I:Admission source	Num	2	5	11	12	
ATYPE	I:Admission type	Num	2	6	13	14	
DCCHPR1	I:CCHPR: principal diagnosis	Num	3	7	15	17	
DIED	I:Died during hospitalization	Num	2	8	18	19	
DISP	I:Disposition of patient	Num	2	9	20	21	
DQTR	I:Discharge quarter	Num	2	10	22	22	
DRG	I:DRG in effect on discharge date	Num	3	11	23	25	
DRG10	I:DRG, Version 10	Num	3	12	26	28	
DRGVER	I:DRG grouper version used on disch date	Num	2	13	29	30	
DSHOSPID	I:Data source hospital ID number	Char	13	14	31	43	
DSNDX	I:Max number of diagnoses from source	Num	2	15	44	45	
DSNPR	I:Max number of procedures from source	Num	2	16	46	47	
DSNUM	I:Data source ID number	Num	2	17	48	49	
DSTYPE	I:Data source type	Num	2	18	50	50	

HCUP-3 RECORD LAYOUT
1988-1992 FULL NIS AND 10% SUBSAMPLES #1 AND #2, INPATIENT STAY

Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
DX1	I:Principal diagnosis	Char	5	19	51	55	
DX2	I:Diagnosis 2	Char	5	20	56	60	
DX3	I:Diagnosis 3	Char	5	21	61	65	
DX4	I:Diagnosis 4	Char	5	22	66	70	
DX5	I:Diagnosis 5	Char	5	23	71	75	
DX6	I:Diagnosis 6	Char	5	24	76	80	
DX7	I:Diagnosis 7	Char	5	25	81	85	
DX8	I:Diagnosis 8	Char	5	26	86	90	
DX9	I:Diagnosis 9	Char	5	27	91	95	
DX10	I:Diagnosis 10	Char	5	28	96	100	
DX11	I:Diagnosis 11	Char	5	29	101	105	
DX12	I:Diagnosis 12	Char	5	30	106	110	
DX13	I:Diagnosis 13	Char	5	31	111	115	
DX14	I:Diagnosis 14	Char	5	32	116	120	
DX15	I:Diagnosis 15	Char	5	33	121	125	
DXSYS	I:Diagnosis coding system	Num	2	34	126	127	
DXV1	I:Validity flag: principal diagnosis	Num	2	35	128	129	
DXV2	I:Validity flag: diagnosis 2	Num	2	36	130	131	

HCUP-3 RECORD LAYOUT
1988-1992 FULL NIS AND 10% SUBSAMPLES #1 AND #2, INPATIENT STAY

Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
DXV3	I:Validity flag: diagnosis 3	Num	2	37	132	133	
DXV4	I:Validity flag: diagnosis 4	Num	2	38	134	135	
DXV5	I:Validity flag: diagnosis 5	Num	2	39	136	137	
DXV6	I:Validity flag: diagnosis 6	Num	2	40	138	139	
DXV7	I:Validity flag: diagnosis 7	Num	2	41	140	141	
DXV8	I:Validity flag: diagnosis 8	Num	2	42	142	143	
DXV9	I:Validity flag: diagnosis 9	Num	2	43	144	145	
DXV10	I:Validity flag: diagnosis 10	Num	2	44	146	147	
DXV11	I:Validity flag: diagnosis 11	Num	2	45	148	149	
DXV12	I:Validity flag: diagnosis 12	Num	2	46	150	151	
DXV13	I:Validity flag: diagnosis 13	Num	2	47	152	153	
DXV14	I:Validity flag: diagnosis 14	Num	2	48	154	155	
DXV15	I:Validity flag: diagnosis 15	Num	2	49	156	157	
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	3	50	158	162	
HOSPST	Hospital state postal code	Char	2	51	163	164	
HOSPSTCO	Hospital state/county FIPS code	Num	4	52	165	169	
LOS	I:Length of stay (cleaned)	Num	3	53	170	174	
LOS_X	I:Length of stay (uncleaned)	Num	3	54	175	180	

**HCUP-3 RECORD LAYOUT
1988-1992 FULL NIS AND 10% SUBSAMPLES #1 AND #2, INPATIENT STAY**

Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
MDC	I:MDC in effect on discharge date	Num	2	55	181	182	
MDC10	I:MDC, Version 10	Num	2	56	183	184	
MDID_S	I:Attending physician number (synthetic)	Char	16	57	185	200	
NDX	I:Number of diagnoses on this discharge	Num	2	58	201	202	
NEOMAT	I:Neonatal and/or maternal DX and/or PR	Num	2	59	203	203	
NPR	I:Number of procedures on this discharge	Num	2	60	204	205	
PAY1	I:Primary expected payer, uniform	Num	2	61	206	207	
PAY1_N	I:Primary expected payer, nonuniform	Num	2	62	208	209	
PAY2	I:Secondary expected payer, uniform	Num	2	63	210	211	
PAY2_N	I:Secondary expected payer, nonuniform	Num	2	64	212	213	
PCCHPR1	I:CCHPR: principal procedure	Num	2	65	214	216	
PR1	I:Principal procedure	Char	4	66	217	220	
PR2	I:Procedure 2	Char	4	67	221	224	
PR3	I:Procedure 3	Char	4	68	225	228	
PR4	I:Procedure 4	Char	4	69	229	232	
PR5	I:Procedure 5	Char	4	70	233	236	
PR6	I:Procedure 6	Char	4	71	237	240	
PR7	I:Procedure 7	Char	4	72	241	244	

**HCUP-3 RECORD LAYOUT
1988-1992 FULL NIS AND 10% SUBSAMPLES #1 AND #2, INPATIENT STAY**

Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
PR8	I:Procedure 8	Char	4	73	245	248	
PR9	I:Procedure 9	Char	4	74	249	252	
PR10	I:Procedure 10	Char	4	75	253	256	
PR11	I:Procedure 11	Char	4	76	257	260	
PR12	I:Procedure 12	Char	4	77	261	264	
PR13	I:Procedure 13	Char	4	78	265	268	
PR14	I:Procedure 14	Char	4	79	269	272	
PR15	I:Procedure 15	Char	4	80	273	276	
PRDAY1	I:No. of days from admission to PR1	Num	3	81	277	281	
PROCESS	I:HCUP-3 discharge processing ID number	Num	6	82	282	292	
PRSYS	I:Procedure coding system	Num	2	83	293	294	
PRV1	I:Validity flag: principal procedure	Num	2	84	295	296	
PRV2	I:Validity flag: procedure 2	Num	2	85	297	298	
PRV3	I:Validity flag: procedure 3	Num	2	86	299	300	
PRV4	I:Validity flag: procedure 4	Num	2	87	301	302	
PRV5	I:Validity flag: procedure 5	Num	2	88	303	304	
PRV6	I:Validity flag: procedure 6	Num	2	89	305	306	
PRV7	I:Validity flag: procedure 7	Num	2	90	307	308	

HCUP-3 RECORD LAYOUT 1988-1992 FULL NIS AND 10% SUBSAMPLES #1 AND #2, INPATIENT STAY							
Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
PRV8	I:Validity flag: procedure 8	Num	2	91	309	310	
PRV9	I:Validity flag: procedure 9	Num	2	92	311	312	
PRV10	I:Validity flag: procedure 10	Num	2	93	313	314	
PRV11	I:Validity flag: procedure 11	Num	2	94	315	316	
PRV12	I:Validity flag: procedure 12	Num	2	95	317	318	
PRV13	I:Validity flag: procedure 13	Num	2	96	319	320	
PRV14	I:Validity flag: procedure 14	Num	2	97	321	322	
PRV15	I:Validity flag: procedure 15	Num	2	98	323	324	
RACE	I:Race	Num	2	99	325	326	
SEQ	I:HCUP-3 record sequence number	Num	7	100	327	339	
SEX	I:Sex	Num	2	101	340	341	
SURGID_S	I:Primary surgeon number (synthetic)	Char	16	102	342	357	
TOTCHG	I:Total charges (cleaned)	Num	6	103	358	367	
TOTCHG_X	I:Total charges (from data source)	Num	6	104	368	382	2
YEAR	Calendar year	Num	2	105	383	384	
ZIPINC4	I:Median income-pt's zip code-4 categs	Num	2	106	385	386	
ZIPINC8	I:Median income-pt's zip code-8 categs	Num	2	107	387	388	

*Lengths provided here were chosen to optimize storage on an IBM mainframe. Note that when importing SAS transport files, numeric lengths are automatically increased by one. Users may wish to customize lengths for their own installation.

**Two versions of the SAS code are provided on the diskette. One version is for PC-SAS and the other is for mainframe SAS. The lengths differ, as PC-SAS requires a minimum length of three, where mainframe SAS allows a minimum length of two.

HCUP-3 RECORD LAYOUT 1988-1992 HOSPITAL WEIGHTS FILE							
Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
AHAID	H:AHA ID number with the leading 6	Char	7	1	1	15	
DISCWT_F	H:Weight to dschgs in the frame states	Num	8	2	16	25	4
DISCWT_S	H:Weight to discharges in state	Num	8	3	26	35	4
DISCWT_U	H:Weight to discharges in universe	Num	8	4	36	45	4
HOSPID	HCUP-3 hospital ID number (SSHHH)	Num	3	5	46	50	
HOSPST	Hospital state postal code	Char	2	6	51	52	
HOSPWT_F	H:Weight to hosps in the frame states	Num	8	7	53	62	4
HOSPWT_S	H:Weight to hosps in the state	Num	8	8	63	72	4
HOSPWT_U	H:Weight to hosps in the universe	Num	8	9	73	82	4
IDNUMBER	MFI ID NO. of hospital (no leading 6)	Char	6	10	83	88	
LOCTEACH	A:STRATA: LOCATION & TEACHING STATUS	Num	2	11	89	90	
N_DISC_F	H:Num. frame state dschgs in STRATUM	Num	8	12	91	98	
N_DISC_S	H:Num. state's discharges in STRAT_ST	Num	8	13	99	106	
N_DISC_U	H:Num. universe discharges in STRATUM	Num	8	14	107	114	
N_HOSP_F	H:Num. frame state hospitals in STRATUM	Num	8	15	115	118	
N_HOSP_S	H:Num. state's hospitals in STRAT_ST	Num	8	16	119	122	
N_HOSP_U	H:Num. universe hospitals in STRATUM	Num	8	17	123	126	

HCUP-3 RECORD LAYOUT 1988-1992 HOSPITAL WEIGHTS FILE							
Name	Label	Type	SAS Versions*		EBCDIC/ASCII Versions**		
			Length	Position	Start	End	Decimal
S_DISC_S	H:Num. sample discharges in STRAT_ST	Num	8	18	127	133	
S_DISC_U	H:Num. sample discharges in STRATUM	Num	8	19	134	140	
S_HOSP_S	H:Num. sample hospitals in STRAT_ST	Num	8	20	141	143	
S_HOSP_U	H:Num. sample hospitals in STRATUM	Num	8	21	144	146	
ST_BEDSZ	A:STRATA: LOCATION, TEACHING & BEDSIZE	Num	2	22	147	148	
ST_OWNER	A:STRATA: OWNER (1=PBLC,2=VLNTRY,3=PROP)	Num	2	23	149	150	
ST_REG	A:STRATA: REGION (1=NE, 2=NC, 3=S, 4=W)	Num	2	24	151	152	
STRAT_ST	H:Stratum for state-specific weights	Num	8	25	153	157	
STRATUM	H:Stratum used to post-stratify hospital	Num	8	26	158	162	
TOTDSCHG	H:Total hospital discharges	Num	8	27	163	168	
YEAR	Calendar year	Num	2	28	169	170	

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