

**2004 National Nursing Home Survey
Data Dictionary
Facility Public-Use File***

*Technical notes on the use of nesting variables and sample weights are at the end of this data dictionary.

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
	CASENUM	N	4	1 - 4	(CASENUM is not the same as FACNUM in the resident public-use file, nor the same as NAFACNUM in the nursing assistant file. For requirements of confidentiality, the files cannot be linked using CASENUM, FACNUM, and NAFACNUM. The facilities with CASENUM = 1, FACNUM=1, and NAFACNUM = 1 across the three files are three different facilities, for example	
FQ. Facility Qualifications						
FQ5	CHAIN	N	1	5	Is facility part of a chain	1. Yes 2. No
Derived from FQ21	OWNERSHP	N	1	6	Type of ownership of facility	1. For-profit 2. All Others (private and gov't not-for-profit)
Derived from FQ22	BEDSIZE	N	1	7	Current number of nursing home beds	1. 3-49 Beds 2. 50-99 Beds 3. 100-199 Beds 4. 200+ Beds
FQ23	BEDCHANG	N	1	8	In past 12 months, has number of beds increased, decreased or remained the same	1. Increased 2. Decreased 3. Same
Derived from FQ22 and FQ30	OCCUPPCT	N	1	9		1. Less than 70% 2. 70% - 79% 3. 80% - 89% 4. 90% - 94% 5. 95% or more
FQ30a	WAITLIST	N	1	10	Does facility have a waiting list	1. Yes 2. No
FQ30b	NUMWAIT	N	3	11 - 13	Number currently on waiting list	1-99. Number waiting 100 = 100 or more 888. DK Blank. Not applicable
FC. Facility Characteristics						
FC2	ALZHEIM	N	1	14	Clusters of beds for Alzheimers and Related Dementias	1. Yes 2. No
FC2	BEHAVIOR	N	1	15	Clusters of beds for Behavior Unit (Non-Alzheimers)	1. Yes 2. No
FC2	HOSPICE	N	1	16	Clusters of beds for Hospice	1. Yes 2. No
FC2	REHAB	N	1	17	Clusters of beds for Rehabilitation	1. Yes 2. No
FC2	RESPITE	N	1	18	Clusters of beds for Respite Care	1. Yes 2. No
FC2	SUBACUTE	N	1	19	Clusters of beds for Subacute Care	1. Yes 2. No
FC2	PULMONRY	N	1	20	Clusters of beds for Ventilator/Pulmonary	1. Yes 2. No
FC2	OTHCARE	N	1	21	Clusters of beds for Other	1. Yes 2. No

2004 NNHS Data Dictionary: Facility Public-Use File

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Derived from FC3A and FQ30	MCAREPCT	N	1	22	Percent of residents with Medicare as primary payment source	1. 0 - 9% 2. 10% - 19% 3. 20% or more 9. Not ascertained
Derived from FC4A and FQ30	MCAIDPCT	N	1	23	Percent of residents with Medicaid as primary payment source	1. 0 - 19% 2. 20% - 39% 3. 40% - 59% 4. 60% - 79% 5. 80% or more 9. Not ascertained
Derived	OTHERPCT	N	1	24	Percent of residents with other sources of payment.	1. 0 - 19% 2. 20% - 39% 3. 40% or more 9. Not ascertained
FC7	PRIVRATE	N	1	25	Is basic rate for self or private pay a single rate or a range	1. Single rate 2. Range 8. DK
FC7A.	PRIVBASE	N	4	26 - 29	What is basic rate for self or private pay The unit of the amount recorded in PRIVBASE varies across cases. The unit of the recorded amount is indicated in PRIVUNIT.	50-7290. Basic private rate 8888. DK Blank. Not applicable
FC7A1.	PRIVHIGH	N	5	30 - 34	Highest rate for self or private pay The unit of the amount recorded in PRIVHIGH varies across cases. The unit of the recorded amount is indicated in PRIVUNIT.	75-9350. Highest Private rate 88888. DK Blank. Not applicable
FC7A2	PRIVUNIT	N	1	35	Self or private pay Unit: Per day, week, month	1. Per day 3. Per month Blank. Not applicable
Derived from FC8	ANYCONTR	N	1	36	Does this facility have formal contracts with any of the outside groups listed below? *Yes = one or more with Yes *No = all with No	1. Yes 2. No
FC8	OUTASLIV	N	1	37	Formal Contract with Outside Assisted Living Facility/ Organization	1. Yes 2. No
FC8	OUTDENT	N	1	38	Formal Contract with Outside Dental. Oral Services	1. Yes 2. No
FC8	OUTDIAG	N	1	39	Formal Contract with Outside Diagnostic Services	1. Yes 2. No
FC8	OUTSEEHR	N	1	40	Formal Contract with Outside Hearing and Vision Services	1. Yes 2. No
FC8	OUTHHC	N	1	41	Formal Contract with Outside Home Health Care Agency	1. Yes 2. No
FC8	OUTHPICE	N	1	42	Formal Contract with Outside Hospice	1. Yes 2. No
FC8	OUTHOSP	N	1	43	Formal Contract with Outside Hospital	1. Yes 2. No

2004 NNHS Data Dictionary: Facility Public-Use File

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FC8	OUTRETIR	N	1	44	Formal Contract with Outside Life Care/ Retirement Community(s)	1. Yes 2. No
FC8	OUTCARE	N	1	45	Formal Contract with Outside Managed Care Organization	1. Yes 2. No
FC8	OUTGROUP	N	1	46	Formal Contract with Outside Management Group	1. Yes 2. No
FC8	OUTCENTR	N	1	47	Formal Contract with Outside Medical Center/ Health System(s)	1. Yes 2. No
FC8	OUTDIR	N	1	48	Formal Contract with Outside Medical Director	1. Yes 2. No
FC8	OUTPHARM	N	1	49	Formal Contract with Outside Pharmacy	1. Yes 2. No
FC8	OUTMD	N	1	50	Formal Contract with Outside Physician Group	1. Yes 2. No
FC8	OUTPODIA	N	1	51	Formal Contract with Outside Podiatry Services	1. Yes 2. No
FC8	OUTBEHAV	N	1	52	Formal Contract with Outside Psychiatric Facility/ Behavioral Management	1. Yes 2. No
FC8	OUTPSYCH	N	1	53	Formal Contract with Outside Psychiatry/ Psychology Services	1. Yes 2. No
FC8	OUTHERPY	N	1	54	Formal Contract with Outside Therapy Services	1. Yes 2. No
FC8	OUTOTHER	N	1	55	Formal Contract with Other Outside Group	1. Yes 2. No
Derived from FC9	ANYSERVS	N	1	56	Does this facility provide any of the following services?* *Yes = one or more with Yes *No = all with No *DK = Don't know	1. Yes 2. No 8. DK
FC9	DIALHEMO	N	1	57	Facility provides Dialysis- Hemo	1. Yes 2. No 8. DK
FC9	DIALPERI	N	1	58	Facility provides Dialysis- Peritoneal	1. Yes 2. No 8. DK
FC9	INFUSION	N	1	59	Facility provides Infusion Therapy	1. Yes 2. No 8. DK
FC9	PICLINES	N	1	60	Facility provides Peripherally Inserted Central Lines (PIC Placement)	1. Yes 2. No 8. DK
FC9	VENTPULM	N	1	61	Facility provides Ventilator/ Pulmonary Therapy	1. Yes 2. No 8. DK
FC9	BLADSCAN	N	1	62	Facility provides Bladder Scanner	1. Yes 2. No 8. DK
FC9	BLOOD	N	1	63	Facility provides Blood Transfusions	1. Yes 2. No 8. DK
FC9	PARENUTR	N	1	64	Facility provides Parenteral Nutrition	1. Yes 2. No 8. DK

2004 NNHS Data Dictionary: Facility Public-Use File

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Derived from FC10	ANYSPPRG	N	1	65	Does this facility have a special program with specially trained staff dedicated to the following programs?* *Yes = one or more with Yes *No = all with No *DK = don't know	1. Yes 2. No 8. DK
FC10	PRGHOSPC	N	1	66	Special Program and Trained Staff for Hospice	1. Yes 2. No 8. DK
FC10	PRGEND	N	1	67	Special Program and Trained Staff for Palliative Care/ End of Life	1. Yes 2. No 8. DK
FC10	PRGPAIN	N	1	68	Special Program and Trained Staff for Pain Management	1. Yes 2. No 8. DK
FC10	PRGBEHAV	N	1	69	Special Program and Trained Staff for Behavior Problems	1. Yes 2. No 8. DK
FC10	PRGSKIN	N	1	70	Special Program and Trained Staff for Skin Wounds	1. Yes 2. No 8. DK
FC10	PRGCONT	N	1	71	Special Program and Trained Staff for Continence Management	1. Yes 2. No 8. DK
FC10	PRGDEMEN	N	1	72	Special Program and Trained Staff for Dementia, including Alzheimer's Disease	1. Yes 2. No 8. DK
FC10	PRGREST	N	1	73	Special Program and Trained Staff for Restorative Care	1. Yes 2. No 8. DK
Derived from FC11	ANYENDLF	N	1	74	Does this facility participate in the following End-of-Life Programs?* *Yes = one or more with Yes *No = all with No *DK = don't know	1. Yes 2. No 8. DK
FC11	FIVEWISH	N	1	75	Five Wishes Program	1. Yes 2. No 8. DK
FC11	POLST	N	1	76	POLST (Physician's Orders for Life-Sustaining Treatment) Program	1. Yes 2. No 8. DK
FC11	LASTACTS	N	1	77	Last Acts Program	1. Yes 2. No 8. DK
Derived from FC13	ANYFACAC	N	1	78	Is this facility accredited by any of these organizations?*	1. Yes 2. No 8. DK
					JCAHO, CARF, and/or CCAC *Yes = one or more with Yes *No = all with No *DK = don't know	

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
FC15	ADMDEGRE	N	2	79 - 80	Facility Administrator's most advanced degree	1. High school diploma 2. Associate degree-Health Care Administration (HCA) 3. Associate degree-Other 4. Bachelor degree- HCA 5. Bachelor degree-Other 6. Masters or higher-HCA 7. Masters or higher-Other 10. Other 88. DK
Derived from FC17	ANYADMAC	N	1	81	Does the Administrator have any of these certifications?* *Yes = one or more with Yes *No = all with No *DK =don't know	1. Yes 2. No 8. DK
FC17	ADMCNHA	N	1	82	Administrator has certification from CNHA (Certified Nursing Home Administrator- American College of Health Care Administrators)	1. Yes 2. No 8. DK
FC17	ADMANCC	N	1	83	Administrator has certification from ANCC (American Nurses Credentialing Center)	1. Yes 2. No 8. DK
FC18	ADMANYMO	N	3	84 - 86	Total length of time Administrator been an Administrator at <u>any</u> nursing home facility (in months)	1-299. Number of months 300 = 300 or more 888. DK
FC18 RECODE	ADMANY	N	2	87 - 88	Length of time been Administrator at ANY facility (year categories)	1. Less than 1 year 2. 1-4 years 3. 5-9 years 4. 10-14 years 5. 15-19 years 6. 20-24 years 7. 25 years or more 88. DK
FC19	ADMHERMO	N	3	89 - 91	Total length of time Administrator been an Administrator here at <u>this</u> nursing home facility (in months)	1-299. Number of months 300 = 300 or more 888. DK
FC19 RECODE	ADMHERE	N	2	92 - 93	Length of time been Administrator HERE at this facility (year categories)	1. Less than 1 year 2. 1-4 years 3. 5-9 years 4. 10-14 years 5. 15-19 years 6. 20-24 years 7. 25 years or more 88. DK
FC20					In which of the following ways does this facility provide medical services?	
FC20	MSRVPRIV	N	1	94	Facility uses Private Physicians from the Community	1. Yes 2. No 8. DK
FC20	MSRVCON	N	1	95	Facility has Contract with one or more Physician Group Practices	1. Yes 2. No 8. DK

2004 NNHS Data Dictionary: Facility Public-Use File

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FC20	MSRVSTAF	N	1	96	Facility has Physicians on Staff	1. Yes 2. No 8. DK
FC20	MSRVMGNT	N	1	97	Facility uses Health Care Management Company	1. Yes 2. No 8. DK
FC20	MSRVOTHR	N	1	98	Facility provides Medical Services in Other Ways	1. Yes 2. No 8. DK
FC21	DENTIN	N	1	99	Dental Services Available At this Facility	1. Yes 2. No 8. DK
FC21	DENTOUT	N	1	100	Dental Services Available Outside this Facility	1. Yes 2. No 8. DK
FC22					When are Dental services available	
FC22	DENTREGU	N	1	101	Dental Services Available at Regularly/ routinely scheduled times	1. Yes 2. No 8. DK Blank. Not applicable
FC22	DENTCALL	N	1	102	Dental Services Available On call or as needed	1. Yes 2. No 8. DK Blank. Not applicable
FC23	MENTIN	N	1	103	Mental Health Services Available At this facility	1. Yes 2. No
FC23	MENTOUT	N	1	104	Mental Health Services Available Outside this facility	1. Yes 2. No
FC24					When are Mental Health services available	
FC24	MENTREGU	N	1	105	Mental Health Services Available at Regularly/ routinely scheduled times	1. Yes 2. No Blank. Not applicable
FC24	MENTCALL	N	1	106	Mental Health Services Available On call or as needed	1. Yes 2. No Blank. Not applicable
Derived from FC26	ANYELSYS	N	1	107	Does this facility use an Electronic Information system for any of the following tasks?* *Yes = one or more with Yes *No = all with No *DK = don't know	1. Yes 2. No 8. DK
FC26	ELADMDIS	N	1	108	Electronic Information System for Admission, Discharge, Transfer Information	1. Yes 2. No 8. DK
FC26	ELMDORDR	N	1	109	Electronic Information System for Physician orders	1. Yes 2. No 8. DK
FC26	ELDRUG	N	1	110	Electronic Information System for Medication orders, Drug dispensing	1. Yes 2. No 8. DK
FC26	ELLAB	N	1	111	Electronic Information System for Laboratory/ Procedures information	1. Yes 2. No 8. DK

2004 NNHS Data Dictionary: Facility Public-Use File

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FC26	ELMEDRCD	N	1	112	Electronic Information System for Patient Medical Records	1. Yes 2. No 8. DK
FC26	ELDRGADM	N	1	113	Electronic Information System for Medication Administration Information	1. Yes 2. No 8. DK
FC26	ELMDS	N	1	114	Electronic Information System for Minimum Data Set	1. Yes 2. No 8. DK
FC26	ELDIET	N	1	115	Electronic Information System for Dietary	1. Yes 2. No 8. DK
FC26	ELCNA	N	1	116	Electronic Information System for Daily personal care by nursing assistants	1. Yes 2. No 8. DK
FC26	ELBILL	N	1	117	Electronic Information System for Billing/ Finance	1. Yes 2. No 8. DK
FC26	ELSTAFF	N	1	118	Electronic Information System for Staffing/ Scheduling information	1. Yes 2. No 8. DK
FC26	ELHUMAN	N	1	119	Electronic Information System for Human Resource/ Personnel information	1. Yes 2. No 8. DK
FC26B	ANYLIFT	N	1	120	Does facility have any Lifting Devices	1. Yes 2. No 8. DK
Derived from FC26C and FQ22	LIFTSBED	N	1	121	Number of Lifting Devices Per 10 Beds	1=0-0.24 lifts per 10 beds 2=0.25-0.49 lifts per 10 beds 3=0.50-0.74 lifts per 10 beds 4=0.75-0.99 lifts per 10 beds 5=1 or more lifts per 10 beds 8=DK
FC28	ACTAWAY	N	1	122	Offers Off-site Recreational activities	1. Yes 2. No
FC28	ACTEVEN	N	1	123	Offers Evening Recreational activities	1. Yes 2. No
FC28	ACTWKEND	N	1	124	Offers Weekend Recreational activities	1. Yes 2. No
FC28	ACTOUT	N	1	125	Offers Outdoor Recreational activities	1. Yes 2. No
FC28	ACTGARDN	N	1	126	Offers Gardening	1. Yes 2. No
FC28	ACTPET	N	1	127	Offers Pets/ Pet therapy	1. Yes 2. No
FC28	ACTINGEN	N	1	128	Offers Intergenerational activities	1. Yes 2. No
FC29					How are food services provided	
FC29	FOODTRAY	N	1	129	Food served on trays	1. Yes 2. No
FC29	FOODELIV	N	1	130	Point of service food delivery system	1. Yes 2. No
FC29	FOODSTAF	N	1	131	Food services staff who serve meals	1. Yes 2. No

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
FC33A	FLUMAIN	N	1	132	Facility's main vaccination program for Influenza	1. Facility-wide standing orders 2. Pre-printed admission orders 3. Advance orders, all residents 4. Orders for each resident 5. None listed 8. DK
FC33B	FLUPOLCY	N	1	133	Written flu vaccination policy	1. Yes 2. No 8. DK Blank. Not applicable
FC33B	FLUFALL	N	1	134	Influenza Vaccination offered to all residents during fall campaign	1. Yes 2. No 8. DK Blank. Not applicable
FC33B	FLUSEASN	N	1	135	Influenza Vaccinations Offered throughout flu season to residents admitted during that period	1. Yes 2. No 8. DK Blank. Not applicable
FC33B	FLUVERB	N	1	136	Verbal consent allowed for Flu Vaccinations	1. Yes 2. No 8. DK Blank. Not applicable
FC33B	FLUCAMPN	N	1	137	Seasonal Influenza Vaccination campaigns	1. Yes 2. No 8. DK Blank. Not applicable
FC33B	FLUREMIN	N	1	138	Primary care provider Flu Vaccination reminder program	1. Yes 2. No 8. DK Blank. Not applicable
FC33B	FLUTRACK	N	1	139	Centralized tracking system for facility-wide Influenza Vaccination rates	1. Yes 2. No 8. DK Blank. Not applicable
FC33B	FLURATE	N	1	140	Routine review of facility-wide Influenza Vaccination rates	1. Yes 2. No 8. DK Blank. Not applicable
FC34A	PNUMAIN	N	1	141	Facility's main vaccination program for Pneumonia	1. Facility-wide standing orders 2. Pre-printed admission orders 3. Advance orders, all patients 4. Orders for each resident 5. None of the above 8. DK
FC34B	PNUPOLCY	N	1	142	Written vaccination policy for Pneumonia Vaccination	1. Yes 2. No 8. DK Blank. Not applicable
FC34B	PNUATADM	N	1	143	Assessment of residents status on admission regarding Pneumonia Vaccination	1. Yes 2. No 8. DK Blank. Not applicable
FC34B	PNUOFFER	N	1	144	Pneumonia Vaccination Offered to residents upon admission	1. Yes 2. No 8. DK Blank. Not applicable
FC34B	PNUVERB	N	1	145	Verbal consent allowed for Pneumonia Vaccination	1. Yes 2. No 8. DK Blank. Not applicable

2004 NNHS Data Dictionary: Facility Public-Use File

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FC34B	PNUCAMPN	N	1	146	Seasonal for Pneumonia Vaccination campaigns	1. Yes 2. No 8. DK Blank. Not applicable
FC34B	PNUSCHED	N	1	147	Regularly scheduled year-round for Pneumonia Vaccination campaigns	1. Yes 2. No 8. DK Blank. Not applicable
FC34B	PNUREMIN	N	1	148	Primary care provider reminder program for Pneumonia Vaccination	1. Yes 2. No 8. DK Blank. Not applicable
FC34B	PNUTRACK	N	1	149	Centralized tracking system for facility-wide Pneumonia Vaccination rates	1. Yes 2. No 8. DK Blank. Not applicable
FC34B	PNURATE	N	1	150	Routine review of facility-wide Pneumonia Vaccination rates	1. Yes 2. No 8. DK Blank. Not applicable
FC37	FLURECOM	N	1	151	Influenza Vaccinations recommended	1. Yes 2. No 8. DK
FC37	FLUSITE	N	1	152	Influenza Vaccinations Offered at site	1. Yes 2. No 8. DK
FC37	FLUFREE	N	1	153	Influenza Vaccinations Offered for free	1. Yes 2. No 8. DK
FC37	FLUCOST	N	1	154	Influenza Vaccinations Offered at reduced cost	1. Yes 2. No 8. DK
FC37	FLUINCEN	N	1	155	Influenza Vaccinations Staff incentives	1. Yes 2. No 8. DK
FC37	FLUPROOF	N	1	156	Proof of Influenza vaccination (or contraindication) required	1. Yes 2. No 8. DK
FC37	FLUFURLO	N	1	157	Furlough or patient restriction policy for employees with influenza-like illness	1. Yes 2. No 8. DK
FC38	EMPFSHOT	N	2	158 - 159	Percent of employees who received a Flu Shot last flu season	1. 0 percent 2. 1-20 percent 3. 21-40 percent 4. 41-60 percent 5. 61-80 percent 6. 81-99 percent 7. 100 percent 88. DK
SAQ. Staffing Questionnaire						
	SAQCOMP	N	1	160	SAQ Completed	1. Yes 2. No
SAQ1PRE	MDDIR	N	1	161	Is Medical Director currently on staff	1. Yes 2. No 9. Not ascertained
SAQ1	MDDEG	N	1	162	Medical Director's degree	1. M.D. 2. D.O. 9. Not ascertained Blank. Not applicable

2004 NNHS Data Dictionary: Facility Public-Use File

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SAQ2 RECODE	MDCERT	N	1	163	Is Medical Director Board certified in Geriatrics, Emergency, Family or Internal Medicine	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ2					Types of specialty certifications	
SAQ2	FAMMED	N	1	164	Medical Director certified in Family medicine	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ2	INTERMED	N	1	165	Medical Director certified in Internal medicine	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ2	GERIMED	N	1	166	Medical Director certified in Geriatrics	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ3 RECODE	MDOTHED	N	1	167	Does Medical Director have advanced education in Geriatrics, Palliative/End-of-life Care or Management	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ3					Types of advanced education	
SAQ3	GERIAT	N	1	168	Medical Director has advanced education in Geriatrics	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ3	PALLCARE	N	1	169	Medical Director has advanced education in Palliative/End-of-life care	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ3	MANAGE	N	1	170	Medical Director has advanced education in Management	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ4	AMDA	N	1	171	Does Medical Director have an American Medical Director's Association (AMDA) certification	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ5					Length of time been Medical Director at THIS facility	
Derived from SAQ5A, 5B, and 5C	MDHERMO	N	3	172 - 174	Length of time that Medical Director here at THIS facility (in months)	1-179. Months 180 = 180 or more 999. Not ascertained Blank. Not applicable

2004 NNHS Data Dictionary: Facility Public-Use File

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SAQ5 RECODE	MDHERE	N	2	175 - 176	Length of time been Medical Director at THIS facility (year categories)	1. Less than 6 months 2. 6-11 months 3. 1 year 4. 2-4 years 5. 5-9 years 6. 10-14 years 7. 15 years or more 88. DK 99. Not ascertained Blank. Not applicable
SAQ6					Length of time been Medical Director at ANY facility	
Derived from SAQ6A, 6B, and 6C	MDANYMO	N	3	177 - 179	Length of time been Medical Director at ANY facility (in months)	1-299. Months 300 = 300 or more 999. Not ascertained Blank. Not applicable
SAQ6 RECODE	MDANY	N	2	180 - 181	Length of time been Medical Director at ANY facility (year categories)	1. Less than 1 year 2. 1-4 years 3. 5-9 years 4. 10-14 years 5. 15-19 years 6. 20-24 years 7. 25 years or more 88. DK 99. Not ascertained Blank. Not applicable
SAQ7					Number of days per week/month Medical Director works at this facility	
SAQ7A	MDWORKWK	N	2	182 - 183	Days per week Medical Director works at this facility	1-7. Days 88. DK 99. Not ascertained Blank. Not applicable
SAQ7 RECODE	MDDAYS	N	2	184 - 185	Number of days per month Medical Director works at THIS facility	1-30. Days* 88. DK 99. Not ascertained Blank. Not applicable * Days per week were converted to days per month by taking 52/12=4.33 multiplied by the number of week days reported.
SAQ8PRE	DON	N	1	186	Is Director of Nursing (DON) currently on staff	1. Yes 2. No 9. Not ascertained
SAQ8	DONDEG	N	3	187 - 189	Director of Nursing's (DON) highest degree	1. Associate degree 2. Diploma 3. BS/BSN 4. MS/MSN 5. BA (not health-related) 6. BA (Admin. not health) 7. BA (Health Admin.) 8. Other master's degrees 91. Other 888. DK 999. Not ascertained Blank. Not applicable

2004 NNHS Data Dictionary: Facility Public-Use File

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SAQ9 RECODE	DONCERT	N	1	190	Does Director of Nursing have 1 or more certifications	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ9					Types of certifications	
SAQ9	NADONA	N	1	191	DON has certification from National Association of Directors of Nursing Administration in Long term Care (NADONA)	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ9	ANCCGER	N	1	192	DON has certification from American Nurses Credentialing Center in Gerontological Nursing (ANCC)	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
Derived from SAQ9	OTHLSTCR	N	1	193	DON has one or more of the following other listed certifications: AANAC, ANCCOTH, CRRN, APIC	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ9	DOHCERT	N	1	194	DON has Other certification	1. Yes 2. No 8. DK 9. Not ascertained Blank. Not applicable
SAQ11					Length of time been Director of Nursing at THIS facility	
Derived from SAQ11A, 11B, and 11C	DONHERMO	N	3	195 - 197	Length of time been Director of Nursing at THIS facility (in months)	1-179. Months 180 = 180 or more 999. Not ascertained Blank. Not applicable
SAQ11 RECODE	DONHERE	N	2	198 - 199	Length of time been Director of Nursing at THIS facility (year categories)	1. Less than 6 months 2. 6-11 months 3. 1 year 4. 2-4 years 5. 5-9 years 6. 10-14 years 7. 15 years or more 99. Not ascertained Blank. Not applicable
SAQ12					Length of time been Director of Nursing at ANY facility	
Derived from SAQ12A, 12B, and 12C	DONANYMO	N	3	200 - 202	Length of time been Director of Nursing at ANY facility (in months)	1-299. Months 300 = 300 or more 999. Not ascertained Blank. Not applicable
SAQ12 RECODE	DONANY	N	2	203 - 204	Length of time been Director of Nursing at ANY facility (year categories)	1. Less than 1 year 2. 1-4 years 3. 5-9 years 4. 10-14 years 5. 15-19 years 6. 20-24 years 7. 25 years or more 88. DK 99. Not ascertained Blank. Not applicable

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ13	CAREPLAN	N	1	205	How often are CNAs involved in resident care meetings	1. Always 2. Most of the time 3. Some of the time 4. Seldom 5. Never 9. Not ascertained
SAQ14	CNASAME	N	1	206	CNAs routinely assigned to same group of residents	1. Yes 2. No 9. Not ascertained
SAQ15					Hourly wage of entry-level staff	
SAQ15A	RNWAGE	N	5	207 - 211	RN entry level hourly wage	10-27.99 Dollars 28.00 = 28.00 or more 77.77 Refused 88.88 DK 99.99 Not ascertained
SAQ15B	LPNWAGE	N	5	212 - 216	LPN entry level hourly wage	9-20.99 Dollars 21.00 = 21.00 or more 77.77 Refused 88.88 DK 99.99 Not ascertained
SAQ15C	CNAWAGE	N	5	217 - 221	CNA entry level hourly wage	5-11.99 Dollars 12.00 = 12.00 or more 77.77 Refused 88.88 DK 99.99 Not ascertained
SAQ15D	AIDEWAGE	N	5	222 - 226	Aides/Orderlies who provide direct patient care: entry level hourly wage	0. No patient care aides 5-8.99 Dollars 9.00 = 9.00 or more 88.88 DK 99.99 Not ascertained
SAQ16					Types of nursing staff retention/ recruitment strategies:	
SAQ16	RECOG	N	1	227	Employee recognition programs for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	CONFPAY	N	1	228	Reimbursement for workshops /conferences for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	SIGNON	N	1	229	Sign-on bonus for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	RECRUIT	N	1	230	Recruitment bonus for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	ATTEND	N	1	231	Perfect attendance awards for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	NLADDER	N	1	232	Nurse career ladder positions for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	CLADDER	N	1	233	CNA career ladder positions for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	FLEXIBLE	N	1	234	Flexible schedule; job sharing for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	TIMEOFF	N	1	235	Bonus; paid time off for nursing staff	1. Yes 2. No 9. Not ascertained

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ16	TUITION	N	1	236	Tuition for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ16	PAYBACK	N	1	237	Payback for unused sick/vacation time for nursing staff	1. Yes 2. No 9. Not ascertained
SAQ17					Percent of RNs with highest education of:	
SAQ17A	PCTASSOC	N	3	238 - 240	Percent RNs with highest degree of Associate Degree	0. None 1-89. Percentage 90 = 90% or more 777. Refused 888. DK 999. Not ascertained
SAQ17B	PCTDIP	N	3	241 - 243	Percent RNs with highest degree of Diploma (3 year)	0. None 1-89. Percentage 90 = 90% or more 777. Refused 888. DK 999. Not ascertained
SAQ17C	PCTBS	N	3	244 - 246	Percent RNs with highest degree of BS/BSN (4 year)	0. None 1-89. Percentage 90 = 90% or more 777. Refused 888. DK 999. Not ascertained
SAQ17D	PCTMS	N	3	247 - 249	Percent RNs with highest degree of MS/MSN or higher	0. None 1-24. Percentage 25 = 25% or more 777. Refused 888. DK 999. Not ascertained
SAQ18	RNCERT	N	1	250	Any RNs with specialty certifications	1. Yes 2. No 8. DK 9. Not ascertained
SAQ19					Types of facility personnel on staff	
Derived from SAQ19A, 19B	ADVNU	N	1	251	Nurse Practitioner/Clinical Nurse Specialist(s) on staff	1. Yes 2. No 9. Not ascertained
SAQ19E	AIDE	N	1	252	Aides/Orderlies on staff	1. Yes 2. No 9. Not ascertained
SAQ20A					Number of full-time and part-time, or FTEs, nursing staff worked in past week	
SAQ20AA RECODE (Derived from SAQ20AA1, 20AA2 and 20AA3)	RNFTE	N	6	253 - 258	Total number of RN FTEs who worked in the last week	0. None 0.36-301.50 FTE employees 999.99 Not ascertained

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ20AB RECODE (Derived from SAQ20AB1, 20AB2 and 20AB3)	LPNFTE	N	6	259 - 264	Total number of LPN FTEs employees who worked in the last week	0. None 0.20-403.00 FTE employees 999.99 Not ascertained
SAQ20AC RECODE (Derived from SAQ20AC1, 20AC2 and 20AC3)	CNAFTE	N	7	265 - 271	Total number of FTE CNA employees who worked in the last week, recoded.	0. None 1.20-1171.00 FTE employees 9999.99 Not ascertained
SAQ20AD RECODE (Derived from SAQ20AD1, 20AD2 and 20AD3)	AIDEFTE	N	6	272 - 277	Total number of FTE Aide/ Orderly employees who worked in the last week, recoded	0. None 0.50-133.00 FTE employees 999.99 Not ascertained
NOTE: HPPD (hours per patient day) = (((FTE*35)/7)/Number of Residents) using FTE=35 hours.						
Derived from SAQ20AA RECODE	RNHPPD	N	1	278	Employee RN hours per patient day (HPPD)	1. Less than 0.125 HPPD 2. 0.125 - 0.24 HPPD 3. 0.25 - 0.49 HPPD 4. 0.5 - .99 HPPD 5. 1 - 1.99 HPPD 6. 2 or more HPPD 9. Not ascertained
Derived from SAQ20AB RECODE	LPNHPPD	N	1	279	Employee LPN hours per patient day	1. Less than 0.125 HPPD 2. 0.125 - 0.24 HPPD 3. 0.25 - 0.49 HPPD 4. 0.5 - .99 HPPD 5. 1 - 1.99 HPPD 6. 2 or more HPPD 9. Not ascertained
Derived from SAQ20AC RECODE	CNAHPPD	N	1	280	Employee CNA hours per patient day	1. Less than 1 HPPD 2. 1 - 1.99 HPPD 3. 2 - 2.99 HPPD 4. 3 - 3.99 HPPD 5. 4 - 8.99 HPPD 6. 9 or more HPPD 9. Not ascertained
Derived from SAQ20AD RECODE	AIDEHPPD	N	1	281	Employee AIDE hours per patient day (HPPD)	1. Less than 0.1 HPPD 2. 0.1 - 0.49 HPPD 3. 0.5 or more HPPD 9. Not ascertained
Derived	NURSHPPD	N	1	282	Employee total nursing (RN/LPN/CNA/AIDE) hours per patient day	1. Less than 2 HPPD 2. 2 - 2.99 HPPD 3. 3 - 3.99 HPPD 4. 4 - 4.99 HPPD 5. 5 - 11.99 HPPD 6. 12 or more HPPD 9. Not ascertained
SAQ20AE1	CRNHR	N	6	283 - 288	Contract RNs- Total hours in last week	0. None 0.01-392. Hours 999.99 Not ascertained Blank. Not applicable
SAQ20AE2	CRNFTE	N	5	289 - 293	Contract RNs- FTEs in last week	0. None 0.01-9.60. FTE contractors 99.99 Not ascertained Blank. Not applicable

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ20AF1	CLPNHR	N	6	294 - 299	Contract LPNs- Total hours in last week	0. None 0.01-504. Hours 999.99 Not ascertained Blank. Not applicable
SAQ20AF2	CLPNFTE	N	5	300 - 304	Contract LPNs- FTEs in last week	0. None 0.01-29. FTE contractors 99.99. Not ascertained Blank. Not applicable
SAQ20AG1	CCNAHR	N	7	305 - 311	Contract CNAs- Total hours in last week	0. None 0.01-1008. Hours 9999.99 Not ascertained Blank. Not applicable
SAQ20AG2	CCNAFTE	N	6	312 - 317	Contract CNAs- FTEs in last week	0. None 0.01-84.20. FTE contractors 999.99 Not ascertained Blank. Not applicable
Derive from SAQ20AA RECODE and SAQ20AE	RNTOTPD	N	1	318	Employee and contract RN hours per patient day (HPPD)	1. Less than 0.125 HPPD 2. 0.125 - 0.24 HPPD 3. 0.25 - 0.49 HPPD 4. 0.5 - .99 HPPD 5. 1 - 1.99 HPPD 6. 2 or more HPPD 9. Not ascertained
Derived from SAQ20AB RECODE and SAQ20AF	LPNTOTPD	N	1	319	Employee and contract LPN hours per patient day	1. Less than 0.125 HPPD 2. 0.125 - 0.24 HPPD 3. 0.25 - 0.49 HPPD 4. 0.5 - .99 HPPD 5. 1 - 1.99 HPPD 6. 2 or more HPPD 9. Not ascertained
Derived from SAQ20AC RECODE and SAQ20AG	CNATOTPD	N	1	320	Employee and contract CNA hours per patient day	1. Less than 1 HPPD 2. 1 - 1.99 HPPD 3. 2 - 2.99 HPPD 4. 3 - 3.99 HPPD 5. 4 - 8.99 HPPD 6. 9 or more HPPD 9. Not ascertained
Derived from SAQ20AD RECODE and SAQ20AH	AIDETOTPD	N	1	321	Employee and contract AIDE hours per patient day	1. Less than 0.1 HPPD 2. 0.1 - 0.49 HPPD 3. 0.5 or more HPPD 9. Not ascertained
Derived	NURTOTPD	N	1	322	Total employee and contract nursing (RN/LPN/CNA/AIDE) hours per patient day	1. Less than 2 HPPD 2. 2 - 2.99 HPPD 3. 3 - 3.99 HPPD 4. 4 - 4.99 HPPD 5. 5 - 11.99 HPPD 6. 12 or more HPPD 9. Not ascertained
SAQ20B					Number of current nurse staff vacancies	
SAQ20B	VACANCY	N	1	323	Does facility have any nursing staff vacancies	1. Yes 2. No 9. Not ascertained
SAQ20B RECODE (Derived from SAQ20BA1, BA2, BA3)	RNFTEVA	N	5	324 - 328	Total number of RN FTE vacancies- recoded	0. None 0.01-20.50. FTE employees 99.99 Not ascertained

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ20B RECODE (Derived from SAQ20BB1, BB2, BB3)	LPNFTEVA	N	5	329 - 333	Total number of LPN FTE vacancies- recoded	0. None 0.01-34. FTE employees 99.99 Not ascertained
SAQ20B RECODE (Derived from SAQ20BC1, BC2, BC3)	CNAFTEVA	N	6	334 - 339	Total number of CNA FTE vacancies- recoded	0. None 0.01-77. FTE employees 999.99 Not ascertained
SAQ20B RECODE (Derived from SAQ20BD1, BD2, BD3)	AIDFTEV	N	5	340 - 344	Total number of Aide/Orderly FTE vacancies- recoded	0. None 0.01-10. FTE employees 99.99 Not ascertained
SAQ21					Number of RNs solely devoted to bedside care	
SAQ21 RECODE (Derived from SAQ21A, 21B and 21C)	RNFTEBC	N	6	345 - 350	Total number of RN FTEs solely devoted to bedside care- recoded	0. None 0.01-86.00 FTE employees 999.99 Not ascertained
Derived from SAQ21 RECODE	RNBCHPPD	N	1	351	RN hours per patient day (HPPD) devoted to bedside care	1. Less than 0.125 HPPD 2. 0.125 - 0.24 HPPD 3. 0.25 - 0.49 HPPD 4. 0.5 - .99 HPPD 5. 1 - 1.99 HPPD 6. 2 or more HPPD 9. Not ascertained
SAQ22A, B	INJURY	N	2	352 - 353	Number of nursing staff injured at facility now on sick leave/ doing light duty	00. None 1-51. Nursing staff 99. Not ascertained
SAQ23					Facility has any staff designated as	
SAQ23A	MDSNURSE	N	1	354	MDS Nurse(s) on staff	1. Yes 2. No 9. Not ascertained
SAQ23B	CASEMANG	N	1	355	Case manager(s) on staff	1. Yes 2. No 9. Not ascertained
SAQ23C	QUALITY	N	1	356	Quality Assurance/ improvement coordinator(s) on staff	1. Yes 2. No 9. Not ascertained
SAQ23D	INFECT	N	1	357	Infection Control coordinator(s) on staff	1. Yes 2. No 9. Not ascertained
SAQ24 RECODE	OVERTIME	N	1	358	Did nursing staff work any overtime shifts in past weeeek	1.Yes 2. No 9. Not ascertained
SAQ24AA					Number of overtime shifts nursing staff worked in the past week.	
SAQ24AB	RNOTIME	N	2	359 - 360	RN overtime shifts in past week	0. None 1-70. Number of shifts 88. DK 99. Not ascertained

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ24AC	LPNOTIME	N	3	361 - 363	LPN overtime shifts in past week	0. None 1-134. Number of shifts 888. DK 999. Not ascertained
SAQ24AD	CNAOTIME	N	3	364 - 366	Number of CNA overtime shifts in past week	0. None 1-352. Number of shifts 888. DK 999. Not ascertained
SAQ24B					Reasons nursing staff worked overtime shifts	
SAQ24B	OTSCHED	N	1	367	Nursing staff worked overtime because of scheduled absences	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ24B	OTUNSCHE	N	1	368	Nursing staff worked overtime because of unscheduled absences	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ24B	OTVACAN	N	1	369	Nursing staff worked overtime because of staffing vacancies	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ24B	OTOTHER	N	1	370	Nursing staff worked overtime for other reason	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ24B	OTSPEC	N	2	371 - 372	Other reason for nursing staff overtime-specify	4. Training 5. Special needs 6. Shifts>8 hours 7. Medical/FMLA 8. Weather related 10. Workload heavy 11. Staff shortfalls 99. Not ascertained Blank. Not applicable
SAQ25A	HIRE	N	1	373	Any RNs, LPNs or CNAs hired in past 3 months	1. Yes 2. No 9. Not ascertained
SAQ25					Number of RNs, LPNs and CNAs hired in past 3 months	
SAQ25B1	HIRERNFT	N	2	374 - 375	Number of RN full-time hired in past 3 months	0. None 1-25. Number hired 88. DK 99. Not ascertained
SAQ25B2	HIRERNPT	N	2	376 - 377	Number of RN part-time hired in past 3 months	0. None 1-6. Number hired 88. DK 99. Not ascertained
SAQ25C1	HIRELPNF	N	2	378 - 379	Number of LPN full-time hired in past 3 months	0. None 1-28. Number hired 88. DK 99. Not ascertained
SAQ25C2	HIRELPNP	N	2	380 - 381	Number of LPN part-time hired in past 3 months	0. None 1-10. Number hired 88. DK 99. Not ascertained
SAQ25D1	HIRECNAP	N	2	382 - 383	Number of CNA full-time hired in past 3 months	0. None 1-74. Number hired 88. DK 99. Not ascertained

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ25D2	HIRECNAP	N	2	384 - 385	Number of CNA part-time hired in past 3 months	0. None 1-24. Number hired 88. DK 99. Not ascertained
SAQ26A	LEFT	N	1	386	Any RNs, LPNs or CNAs terminated employment in past 3 months	1. Yes 2. No 9. Not ascertained
					Number of RNs, LPNs and CNAs left in past 3 months	
SAQ26B1	LEFTRNFT	N	2	387 - 388	RN full-time left in past 3 months	0. None 1-10. Number terminated 88. DK 99. Not ascertained
SAQ26B2	LEFTRNPT	N	2	389 - 390	RN part-time left in past 3 months	0. None 1-32. Number terminated 88. DK 99. Not ascertained
SAQ26C1	LEFTLPNF	N	2	391 - 392	LPN full-time left in past 3 months	0. None 1-12. Number terminated 88. DK 99. Not ascertained
SAQ26C2	LEFTLPNP	N	2	393 - 394	LPN part-time left in past 3 months	0. None 1-10. Number terminated 88. DK 99. Not ascertained
SAQ26D1	LEFTCNAF	N	2	395 - 396	CNA full-time left in past 3 months	0. None 1-60. Number terminated 88. DK 99. Not ascertained
SAQ26D2	LEFTCNAP	N	2	397 - 398	CNA part-time left in past 3 months	0. None 1-23. Number terminated 88. DK 99. Not ascertained
SAQ27					Percent of nursing staff employed for more than 1 year	
SAQ27B	RNONEYR	N	3	399 - 401	Percent of RNs employed more than 1 year	0. None 1-100. Percent 888. DK 999. Not ascertained
SAQ27C	LPNONEYR	N	3	402 - 404	Percent of LPNs employed over 1 year	0. None 1-100. Percent 888. DK 999. Not ascertained
SAQ27D	CNAONEYR	N	3	405 - 407	Percent of CNAs employed over 1 year	0. None 1-100. Percent 888. DK 999. Not ascertained
Derived from SAQ28A	OUTUSRN	N	1	408	Percent of RNs trained outside of U.S.	0 = None 1 = 1 - 49% 2 = 50% or more 8. DK 9. Not ascertained
Derived from SAQ28B	OUTUSLPN	N	1	409	Percent of LPNs trained outside of U.S.	0 = None 1 = 1 - 49% 2 = 50% or more 8. DK 9. Not ascertained

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
Derived from SAQ29A, B	ENG2CNA	N	1	410	Percent of CNAs with English their second language	0 = None 1 = 1 - 49% 2 = 50% or more 8. DK 9. Not ascertained
SAQ30					Types of RN and LPN employee benefits offered at facility	
SAQ30	NFULLINS	N	1	411	RNs and LPNs offered fully paid health insurance for employee	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NFULLFAM	N	1	412	RNs and LPNs offered fully paid health insurance for employee's family	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NPARTINS	N	1	413	RNs and LPNs offered partially paid health insurance for employee	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NPARTFAM	N	1	414	RNs and LPNs offered partially paid health insurance for employee's family	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NRETIRE	N	1	415	RNs and LPNs offered retirement/pension	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NVACAT	N	1	416	RNs and LPNs offered paid vacation/holidays	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NSICK	N	1	417	RNs and LPNs offered paid sick days	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NPERSDAY	N	1	418	RNs and LPNs offered paid "personal" days	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NDAYCARE	N	1	419	RNs and LPNs offered child daycare	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NTRANSP	N	1	420	RNs and LPNs offered transportation allowance	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NASSIST	N	1	421	RNs and LPNs offered employee assistance	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NCAREER	N	1	422	RNs and LPNs offered career promotion/development	1. Yes 2. No 8. DK 9. Not ascertained
SAQ30	NOTHBENE	N	1	423	RNs and LPNs offered other benefits	1. Yes 2. No 8. DK 9. Not ascertained

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ31					Types of CNA employee benefits offered at facility	
SAQ31	CFULLINS	N	1	424	CNAs offered fully paid health insurance for employee	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CFULLFAM	N	1	425	CNAs offered fully paid health insurance for employee's family	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CPARTINS	N	1	426	CNAs offered partially paid health insurance for employee	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CPARTFAM	N	1	427	CNAs offered partially paid health insurance for employee's family	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CRETIRE	N	1	428	CNAs offered retirement/pension	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CVACAT	N	1	429	CNAs offered paid vacation/holidays	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CSICK	N	1	430	CNAs offered paid sick days	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CPERSDAY	N	1	431	CNAs offered paid "personal" days	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CDAYCARE	N	1	432	CNAs offered child daycare	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CTRANSP	N	1	433	CNAs offered transportation allowance	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CASSIST	N	1	434	CNAs offered employee assistance	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	CCAREER	N	1	435	CNAs offered career promotion/development	1. Yes 2. No 8. DK 9. Not ascertained
SAQ31	COTHBENE	N	1	436	CNAs offered other benefits	1. Yes 2. No 8. DK 9. Not ascertained
SAQ32 RECODE	UNION	N	1	437	Do any facility staff belong to labor unions	1. Yes 2. No 8. DK 9. Not ascertained
SAQ32					Types of staff that belong to labor unions	

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ32	NUNION	N	1	438	Nurses belong to labor unions	1. Yes 2. No 8. DK 9. Not ascertained
SAQ32	CUNION	N	1	439	CNAs belong to labor unions	1. Yes 2. No 8. DK 9. Not ascertained
SAQ32	HKUNION	N	1	440	Housekeeping staff belong to labor unions	1. Yes 2. No 8. DK 9. Not ascertained
SAQ32	MUNION	N	1	441	Maintenance staff belong to labor unions	1. Yes 2. No 8. DK 9. Not ascertained
SAQ32	FUNION	N	1	442	Food service staff belong to labor unions	1. Yes 2. No 8. DK 9. Not ascertained
SAQ32	OTHUNION	N	1	443	Other staff belong to labor unions	1. Yes 2. No 8. DK 9. Not ascertained
SAQ33A	VOLUNT	N	1	444	Does facility use voluntary workers	1. Yes 2. No 8. DK 9. Not ascertained
SAQ33B					Duties performed by voluntary workers	
SAQ33B	VMEAL	N	1	445	Voluntary workers assist residents at mealtime	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VSNACK	N	1	446	Voluntary workers bring residents water/snacks	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VPERSON	N	1	447	Voluntary workers assist residents with personal care needs	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VLETTER	N	1	448	Voluntary workers assist residents with letter writing	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VSOCIAL	N	1	449	Voluntary workers make social visits with residents	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VREC	N	1	450	Voluntary workers conduct recreational activities	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VTRANS	N	1	451	Voluntary workers transport residents	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VRELIG	N	1	452	Voluntary workers conduct religious activities	1. Yes 2. No 9. Not ascertained Blank. Not applicable

2004 NNHS Data Dictionary: Facility Public-Use File

Module, section and question number	Variable Name	C (character) or N (numeric)	LENGTH	File Position	Variable Description	Variable Values
SAQ33B	VCLERK	N	1	453	Voluntary workers conduct clerical duties for staff	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ33B	VOTHDUTY	N	1	454	Voluntary workers conduct other duties	1. Yes 2. No 9. Not ascertained Blank. Not applicable
SAQ34A	VDAYS	N	2	455 - 456	Number of days per week volunteers come to facility	0. Less than 1 day per week 1-7. Days 99. Not ascertained Blank. Not applicable
SAQ34B	VNUMBER	N	3	457 - 459	Number of volunteers that usually come to facility each week	1-69. Number of volunteers 70 = 70 or more 888. DK 999. Not ascertained Blank. Not applicable
Nest variables, weights, and other derived variables						
Sample file	REGION	N	1	460	Census Region	1. Northeast 2. Midwest 3. South 4. West
Derived from FQ2C, 2D, 2E	METRSTAT	N	1	461	metropolitan area status based on collected location and June 2003 MSA codes from OMB	1. Metropolitan 2. Micropolitan 3. Neither
Derived using Estimation Specifications	STRATA	N	2	462 - 463	Sample Design Variable (SUDAAN NEST variable)	1-21
Derived using Estimation Specifications	POPFAC	N	4	464 - 467	Sample Design Variable (SUDAAN TOTCNT variable)	4 - 4147
Derived using Estimation Specifications	SFACWT	N	2	468 - 469	weight for facility estimates that are not correlated with bedsize(SAMPLE WEIGHT)	2 - 27
Derived using Estimation Specifications	SBEDWT	N	2	470 - 471	weight for facility estimates that are correlated with bedsize (SAMPLE WEIGHT)	2 - 27
	SURYEAR	N	4	472 - 475	Survey year	2004
Continued on next page with technical notes.						

Technical Notes on Nesting and Weight Variables

The design of the 2004 National Nursing Home Survey entailed stratified sampling. The facility public use file includes the nest variable of the sampling framework for use in statistical software that accounts for complex sample designs in the estimation of variances and standard errors. Proper adjustment of standard errors for stratified or clustered sampling provides the analyst with accurate significance tests.

The nest variable in the facility file is STRATA.

In the statistical software, SUDAAN, the analyst can use the design option WOR for sampling without replacement. When using SUDAAN for WOR, the variable for the TOTCNT statement in SUDAAN is POPFAC. Below are the SUDAAN statements for the NEST and TOTCNT statements for the facility public-use file with WOR. The example uses the crosstab procedure to illustrate using the weight, SFACWT, for estimates (such as the number of facilities by ownership) not contingent on bedsize. For examples dependent on (correlated with) bed size (such as the number of employed registered nurse full-time equivalents by nursing homes), the analyst would use the weight, SBEDWT.

```
proc crosstab data=[file name] design= WOR;
nest strata / missunit;
totcnt popfac;
weight sfacwt;
```

Frequency of Sampled Cases for Selected Variables

Frequencies of selected variables at different locations in the file layout are reported below to assist the analyst in verifying the integrity of the data file and layout used. The number (n) of records in the facility public-use file with the respective values for OWNERSHP, BEDSIZE, MCAIDPCT, ANYSERVS, ANYSPPRG, ADMANY, ANYELSYS, SAQCOMP, MDHERE, CAREPLAN, NURTOTPD, LEFT, REGION, and METRSTAT are as follows:

OWNERSHP Frequency

1	707
2	467

BEDSIZE Frequency

1	174
2	441
3	485
4	74

MCAIDPCT Frequency

1	99
2	81
3	242
4	484
5	260

Frequency Missing = 8

ANYSERVS Frequency	
1	766
2	402
8	6
ANYSPPRG Frequency	
1	936
2	236
8	2
ADMANY Frequency	
1	58
2	225
3	261
4	180
5	150
6	127
7	141
88	32
ANYELSYS Frequency	
1	1166
2	6
8	2
SAQCOMP Frequency	
1	1133
2	41
MDHERE Frequency	
1	53
2	49
3	91
4	281
5	247
6	154
7	171
88	7
99	70
Frequency Missing = 51	
CAREPLAN Frequency	
1	201
2	213
3	310
4	284
5	119
9	47

NURTOTPD Frequency

1	60
2	389
3	374
4	87
5	76
6	52
9	136

MDSNURSE Frequency

1	1063
2	63
9	48

LEFT Frequency

1	1060
2	73
9	41

REGION Frequency

1	171
2	414
3	413
4	176

METRSTAT Frequency

1	663
2	260
3	251

16-Feb-07