

Sample Size and Non-response Information for NCHS Surveys Linked to Social Security Data by survey and age<sup>1</sup>: Unweighted Data

	Total Person Sample	Sample Ineligible for Linking <sup>2</sup>	Sample Eligible for Linking	Sample Linked to SSA Numident File	Link Rate for Total Sample	Link Rate for Eligible Sample	Number of Respondents with Benefit History Data <sup>3</sup>		
							OASDI from MBR	SSI payments from SSR	831 FILE
<b>NHIS 1994</b>	116,179	21,790	94,349	87,102	75.0%	92.3%	35,506	9,940	8,665
< 65 years	87,381	16,411	70,970	64,529	73.8%	90.9%	13,648	6,599	6,633
65+ years	28,798	5,379	23,419	22,573	78.4%	96.4%	21,858	3,341	2,032
<b>NHIS 1995</b>	102,467	21,209	81,258	73,813	72.0%	90.8%	29,013	8,839	7,664
< 65 years	79,440	16,626	62,814	56,111	70.6%	89.3%	11,859	5,900	5,807
65+ years	23,027	4,583	18,444	17,702	76.9%	96.0%	17,154	2,939	1,857
<b>NHIS 1996</b>	63,402	16,140	47,262	42,444	66.9%	89.8%	16,498	5,094	4,494
< 65 years	50,065	12,995	37,070	32,714	65.3%	88.2%	7,064	3,530	3,494
65+ years	13,337	3,145	10,192	9,730	73.0%	95.5%	9,434	1,564	1,000
<b>NHIS 1997</b>	103,477	32,285	71,192	63,213	61.1%	88.8%	24,284	7,738	6,818
< 65 years	82,439	26,234	56,205	48,908	59.3%	87.0%	10,372	5,316	5,309
65+ years	21,038	6,051	14,987	14,305	68.0%	95.4%	13,912	2,422	1,509
<b>NHIS 1998</b>	98,785	37,041	61,744	54,126	54.8%	87.7%	20,226	6,408	5,729
< 65 years	79,463	30,009	49,454	42,526	53.5%	86.0%	8,915	4,490	4,462
65+ years	19,322	7,032	12,290	11,600	60.0%	94.4%	11,311	1,918	1,267
<b>NHIS 1999</b>	97,059	38,889	58,170	50,160	51.7%	86.2%	18,100	5,887	5,284
< 65 years	79,035	32,075	46,960	39,833	50.4%	84.8%	8,043	4,122	4,108
65+ years	18,024	6,814	11,210	10,327	57.3%	92.1%	10,057	1,765	1,176
<b>NHIS 2000</b>	100,618	41,827	58,791	49,732	49.4%	84.6%	17,000	5,806	5,165
< 65 years	83,018	34,501	48,517	40,351	48.6%	83.2%	7,866	4,144	4,105
65+ years	17,600	7,326	10,274	9,381	53.3%	91.3%	9,134	1,662	1,060
<b>NHIS 2001</b>	100,760	44,841	55,919	48,030	47.7%	85.9%	16,163	5,582	5,106
< 65 years	84,194	37,689	46,505	39,311	46.7%	84.5%	7,694	4,083	4,057
65+ years	16,566	7,152	9,414	8,719	52.6%	92.6%	8,469	1,499	1,049
<b>NHIS 2002<sup>4</sup></b>	93,386	23,914	69,472	53,495	57.3%	77.0%	16,643	5,690	5,208
< 65 years	78,376	19,203	59,173	44,819	57.2%	75.7%	8,178	4,350	4,249
65+ years	15,010	4,711	10,299	8,676	57.8%	84.2%	8,465	1,340	959
<b>NHIS 2003</b>	92,148	26,404	65,744	49,526	53.7%	75.3%	14,795	5,129	4,693
< 65 years	78,163	21,380	56,783	42,038	53.8%	74.0%	7,495	3,945	3,826
65+ years	13,985	5,024	8,961	7,488	53.5%	83.6%	7,300	1,184	867
<b>NHIS 2004</b>	94,460	34,708	59,752	46,151	48.9%	77.2%	13,850	4,881	4,490
< 65 years	80,751	29,205	51,546	39,151	48.5%	76.0%	7,003	3,776	3,662
65+ years	13,709	5,503	8,206	7,000	51.1%	85.3%	6,847	1,105	828
<b>NHIS 2005</b>	98,649	39,025	59,624	45,328	45.9%	76.0%	13,112	4,673	4,329
< 65 years	84,930	32,988	51,942	38,878	45.8%	74.8%	6,809	3,666	3,594
65+ years	13,719	6,037	7,682	6,450	47.0%	84.0%	6,303	1,007	735

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<sup>3</sup>Not all persons linked to the Numident will have Social Security benefit information.

<sup>4</sup>Beginning in 2002, NHIS changed its procedures for collecting personal identification information for survey participants. The effect of this change increases the number of NHIS survey participants who are considered eligible for record linkage but decreases the amount of identification information collected, resulting in lower match rates for the eligible population.

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							OASDI from MBR	SSI payments from SSR	831 FILE
<b>LSOA II<sup>4</sup></b>	9,447	1,812	7,635	7,499	79.4%	98.2%	7,304	1,042	26
<b>NHEFS<sup>5</sup></b>	14,407	867	13,540	12,974	90.1%	95.8%	11,434	2,382	1,033
< 65 years	1,906	98	1,808	1,728	90.7%	95.6%	864	285	344
65+ years	12,501	769	11,732	11,246	90.0%	95.9%	10,570	2,097	689
<b>NHANES III</b>	33,994	1,003	32,991	31,612	93.0%	95.8%	13,506	5,210	3,606
< 65 years	24,944	804	24,140	22,868	91.7%	94.7%	5,055	2,948	2,802
65+ years	9,050	199	8,851	8,744	96.6%	98.8%	8,451	2,262	804
<b>NHANES 1999-2000</b>	9,965	1,645	8,320	7,906	79.3%	95.0%	13,506	5,210	3,606
< 65 years	7,974	1,355	6,619	6,236	78.2%	94.2%	5,055	2,948	2,802
65+ years	1,991	290	1,701	1,670	83.9%	98.2%	8,451	2,262	804
<b>NHANES 2001-2002</b>	11,039	1,120	9,919	9,315	84.4%	93.9%	2,939	1,233	1,037
< 65 years	9,084	903	8,181	7,601	83.7%	92.9%	1,262	880	834
65+ years	1,955	217	1,738	1,714	87.7%	98.6%	1,677	353	203
<b>NHANES 2003-2004</b>	10,122	980	9,142	8,675	85.7%	94.9%	2,906	1,192	1,021
< 65 years	8,267	803	7,464	7,013	84.8%	94.0%	1,286	831	780
65+ years	1,855	177	1,678	1,662	89.6%	99.0%	1,620	361	241
<b>NNHS<sup>6</sup> 1985</b>	11,170	625	10,545	9,959	89.2%	94.4%	9,544	3,053	49
< 65 years	282	11	271	251	89.0%	92.6%	208	220	34
65+ years	10,888	614	10,274	9,708	89.2%	94.5%	9,336	2,833	15
<b>NNHS<sup>6</sup> 1995<sup>7</sup></b>	8,056	705	7,351	6,526	81.0%	88.8%	6,299	1,935	251
< 65 years	266	46	220	192	72.2%	87.3%	155	163	79
65+ years	7,790	659	7,131	6,334	81.3%	88.8%	6,144	1,772	172
<b>NNHS<sup>6</sup> 1997<sup>7</sup></b>	14,814	1,132	13,682	12,567	84.8%	91.9%	12,118	3,590	778
< 65 years	696	97	599	551	79.2%	92.0%	440	448	283
65+ years	14,118	1,035	13,083	12,016	85.1%	91.8%	11,678	3,142	495
<b>NNHS<sup>6</sup> 2004<sup>7</sup></b>	13,507	120	13,387	13,180	97.6%	98.5%	12,739	4,012	11,925
< 65 years	1,188	38	1,150	1,129	95.0%	98.2%	946	900	704
65+ years	12,319	82	12,237	12,051	97.8%	98.5%	11,793	3,112	878

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<sup>3</sup>Not all persons linked to the Numident will have Social Security benefit information.

<sup>4</sup>All persons in LSOA II are older than 65 years.

<sup>5</sup>NHEFS = NHANES I Epidemiologic Follow Up Study.

<sup>6</sup>NNHS = National Nursing Home Survey.

<sup>7</sup>Total survey population counts are less than reported by health survey. This is due to lack of age data for purposes of these match rate tables.

Missing age at time of linkage for NNHS 1995, 1997 & 2004 survey participants (1995: n=2; 1997:n=57; 2004: n=26)

**Sample Size and Non-response Information for NCHS Surveys Linked to Social Security Data by survey, age<sup>1</sup> and sex: Unweighted Data**

	Total Sample						< 65 years <sup>1</sup>				65+ years <sup>1</sup>					
	Eligible Population				Link Rate for Total Sample	Link Rate for Eligible Sample	Eligible Population			Link Rate for Total Sample	Link Rate for Eligible Sample	Eligible Population			Link Rate for Total Sample	Link Rate for Eligible Sample
	Total	Ineligible <sup>2</sup>	Linked	Not linked			Ineligible <sup>2</sup>	Linked	Not linked			Ineligible <sup>2</sup>	Linked	Not linked		
<b>NHIS 1994</b>	116,179	21,790	87,102	7,287			16,411	64,529	6,441			5,379	22,573	846		
Male	55,364	10,328	41,290	3,746	74.6%	91.7%	7,982	31,336	3,353	73.4%	90.3%	2,346	9,954	393	78.4%	96.2%
Female	60,815	11,462	45,812	3,541	75.3%	92.8%	8,429	33,193	3,088	74.2%	91.5%	3,033	12,619	453	78.4%	96.5%
<b>NHIS 1995</b>	102,467	21,209	73,813	7,445			16,626	56,111	6,703			4,583	17,702	742		
Male	48,809	10,064	34,908	3,837	71.5%	90.1%	8,075	27,052	3,494	70.0%	88.6%	1,989	7,856	343	77.1%	95.8%
Female	53,658	11,145	38,905	3,608	72.5%	91.5%	8,551	29,059	3,209	71.2%	90.1%	2,594	9,846	399	76.7%	96.1%
<b>NHIS 1996</b>	63,402	16,140	42,444	4,818			12,995	32,714	4,356			3,145	9,730	462		
Male	30,358	7,664	20,214	2,480	66.6%	89.1%	6,309	15,841	2,286	64.8%	87.4%	1,355	4,373	194	73.8%	95.8%
Female	33,044	8,476	22,230	2,338	67.3%	90.5%	6,686	16,873	2,070	65.8%	89.1%	1,790	5,357	268	72.2%	95.2%
<b>NHIS 1997</b>	103,477	32,285	63,213	7,979			26,234	48,908	7,297			6,051	14,305	682		
Male	49,561	15,438	30,274	3,849	61.1%	88.7%	12,872	23,917	3,584	59.2%	87.0%	2,566	6,357	265	69.2%	96.0%
Female	53,916	16,847	32,939	4,130	61.1%	88.9%	13,362	24,991	3,713	59.4%	87.1%	3,485	7,948	417	67.1%	95.0%
<b>NHIS 1998</b>	98,785	37,041	54,126	7,618			30,009	42,526	6,928			7,032	11,600	690		
Male	47,735	17,861	26,168	3,706	54.8%	87.6%	14,802	20,934	3,417	53.5%	86.0%	3,059	5,234	289	61.0%	94.8%
Female	51,050	19,180	27,958	3,912	54.8%	87.7%	15,207	21,592	3,511	53.6%	86.0%	3,973	6,366	401	59.3%	94.1%
<b>NHIS 1999</b>	97,059	38,889	50,160	8,010			32,075	39,833	7,127			6,814	10,327	883		
Male	46,943	18,802	24,331	3,810	51.8%	86.5%	15,882	19,660	3,453	50.4%	85.1%	2,920	4,671	357	58.8%	92.9%
Female	50,116	20,087	25,829	4,200	51.5%	86.0%	16,193	20,173	3,674	50.4%	84.6%	3,894	5,656	526	56.1%	91.5%
<b>NHIS 2000</b>	100,618	41,827	49,732	9,059			34,501	40,351	8,166			7,326	9,381	893		
Male	52,071	20,131	23,986	4,430	46.1%	84.4%	16,966	19,792	4,081	48.5%	82.9%	3,165	4,194	349	54.4%	92.3%
Female	48,547	21,696	25,746	4,629	53.0%	84.8%	17,535	20,559	4,085	48.7%	83.4%	4,161	5,187	544	52.4%	90.5%
<b>NHIS 2001</b>	100,760	44,841	48,030	7,889			37,689	39,311	7,194			7,152	8,719	695		
Male	48,689	21,786	23,083	3,820	47.4%	85.8%	18,726	19,136	3,566	46.2%	84.3%	3,060	3,947	254	54.4%	94.0%
Female	52,071	23,055	24,947	4,069	47.9%	86.0%	18,963	20,175	3,628	47.2%	84.8%	4,092	4,772	441	51.3%	91.5%
<b>NHIS 2002<sup>3</sup></b>	93,386	23,914	53,495	15,977			19,203	44,819	14,354			4,711	8,676	1,623		
Male	44,895	10,202	26,513	8,180	59.1%	76.4%	8,521	22,404	7,446	58.4%	75.1%	1,681	4,109	734	63.0%	84.8%
Female	48,491	13,712	26,982	7,797	55.6%	77.6%	10,682	22,415	6,908	56.0%	76.4%	3,030	4,567	889	53.8%	83.7%
<b>NHIS 2003</b>	92,148	26,404	49,526	16,218			21,380	42,038	14,745			5,024	7,488	1,473		
Male	44,504	11,548	24,757	8,199	55.6%	75.1%	9,647	21,226	7,520	55.3%	73.8%	1,901	3,531	679	57.8%	83.9%
Female	47,644	14,856	24,769	8,019	52.0%	75.5%	11,733	20,812	7,225	52.3%	74.2%	3,123	3,957	794	50.3%	83.3%
<b>NHIS 2004</b>	94,460	34,708	46,151	13,601			29,205	39,151	12,395			5,503	7,000	1,206		
Male	45,813	15,956	22,983	6,874	50.2%	77.0%	13,758	19,703	6,359	49.5%	75.6%	2,198	3,280	515	54.7%	86.4%
Female	48,647	18,752	23,168	6,727	47.6%	77.5%	15,447	19,448	6,036	47.5%	76.3%	3,305	3,720	691	48.2%	84.3%
<b>NHIS 2005</b>	98,649	39,025	45,328	14,296			32,988	38,878	13,064			6,037	6,450	1,232		
Male	47,732	17,821	22,437	7,474	47.0%	75.0%	15,371	19,448	6,887	46.6%	73.8%	2,450	2,989	587	49.6%	83.6%
Female	50,917	21,204	22,891	6,822	45.0%	77.0%	17,617	19,430	6,177	45.0%	75.9%	3,587	3,461	645	45.0%	84.3%

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<b>LSOA II<sup>4</sup></b>	9,447	1,812	7,499	136																
Male	3744	694	3007	43	80.3%	98.6%	na	na	na	na	na	na	1,812	7,499	136					
Female	5703	1118	4492	93	78.8%	98.0%	na	na	na	na	na	na	1118	4492	93	78.8%	98.0%			
<b>NHEFS<sup>5</sup></b>	14,407	867	12,974	566			98	1,728	80				769	11,246	486					
Male	5810	362	5215	233	89.8%	95.7%	42	580	22	90.1%	96.3%	320	4635	211	89.7%	95.6%				
Female	8597	505	7759	333	90.3%	95.9%	56	1148	58	91.0%	95.2%	449	6611	275	90.1%	96.0%				
<b>NHANES III</b>	33,994	1,003	31,612	1,379			804	22,868	1,272				199	8,744	107					
Male	16295	489	15106	700	92.7%	95.6%	402	10947	664	91.1%	94.3%	87	4159	36	97.1%	99.1%				
Female	17699	514	16506	679	93.3%	96.0%	402	11921	608	92.2%	95.1%	112	4585	71	96.2%	98.5%				
<b>NHANES 1999-2000</b>	9,965	1,645	7,906	414			1,355	6,236	383				290	1,670	31					
Male	4883	751	3932	200	80.5%	95.2%	637	3074	190	78.8%	94.2%	114	858	10	87.4%	98.8%				
Female	5082	894	3974	214	78.2%	94.9%	718	3162	193	77.6%	94.2%	176	812	21	80.5%	97.5%				
<b>NHANES 2001-2002</b>	11,039	1,120	9,315	604			903	3,913	4,268				217	1,714	24					
Male	5331	527	4488	316	84.2%	93.4%	445	3642	309	82.8%	92.2%	82	846	7	90.5%	99.2%				
Female	5708	593	4827	288	84.6%	94.4%	458	271	3959	5.8%	6.4%	135	868	17	85.1%	98.1%				
<b>NHANES 2003-2004</b>	10,122	980	8,675	467			803	7,013	451				177	1,662	16					
Male	4970	474	4253	243	85.6%	94.6%	387	3440	238	84.6%	93.5%	87	813	5	89.8%	99.4%				
Female	5152	506	4422	224	85.8%	95.2%	416	3573	213	85.0%	94.4%	90	849	11	89.4%	98.7%				
<b>NNHS<sup>6</sup> 1985</b>	11,170	625	9,947	598			11	251	20				614	9,696	578					
Male	3575	180	3204	191	89.6%	94.4%	8	157	13	88.2%	92.4%	172	3047	178	89.7%	94.5%				
Female	7595	445	6743	407	88.8%	94.3%	3	94	7	90.4%	93.1%	442	6649	400	88.8%	94.3%				
<b>NNHS<sup>6</sup> 1995<sup>7</sup></b>	8,056	705	6,526	825			46	192	28				659	6,334	797					
Male	2233	236	1756	241	78.6%	87.9%	32	106	15	69.3%	87.6%	204	1650	226	79.3%	88.0%				
Female	5823	469	4770	584	81.9%	89.1%	14	86	13	76.1%	86.9%	455	4684	571	82.0%	89.1%				
<b>NNHS<sup>6</sup> 1997<sup>7</sup></b>	14,814	1,132	12,567	1,115			97	551	48				1,035	12,016	1,067					
Male	4724	338	4045	341	85.6%	92.2%	48	330	27	81.5%	92.4%	290	3715	314	86.0%	92.2%				
Female	10090	794	8522	774	84.5%	91.7%	49	221	21	75.9%	91.3%	745	8301	753	84.7%	91.7%				
<b>NNHS<sup>6</sup> 2004<sup>7</sup></b>	13,507	120	13,180	207			38	1,129	21				82	12,051	186					
Male	3868	35	3773	60	97.5%	98.4%	12	580	12	96.0%	98.0%	23	3193	48	97.8%	98.5%				
Female	9639	85	9407	147	97.6%	98.5%	26	549	9	94.0%	98.4%	59	8858	138	97.8%	98.5%				

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<sup>5</sup>NHEFS = NHANES I Epidemiologic Follow Up Study.

<sup>6</sup>NNHS = National Nursing Home Survey.

<sup>7</sup>Total survey population counts are less than reported by health survey. This is due to lack of age data for purposes of these match rate tables. Missing age at time of linkage for NNHS 1995, 1997 & 2004 survey participants (1995: n=2; 1997:n=57; 2004: n=26)