

**Table 1. Linked NCHS-VA Data – Sample Sizes and Unweighted Percentages, by Survey, Age at Interview and Sex:
National Health Interview Survey (NHIS), 2005-2018**

		Sample Adult NHIS participants ¹			
		Eligible for linkage ^{2, 3}		Linked to VA ⁴	
Survey year, age (years) at NHIS interview and sex	Total sample	n	Percent of total ⁵	n	Percent of eligible ⁶
2005-2018					
Total	413,417	334,701	81.0	29,357	8.8
18-64	320,151	258,641	80.8	17,756	6.9
65 and over	93,266	76,060	81.6	11,601	15.3
Male	184,243	149,898	81.4	26,159	17.5
Female	229,174	184,803	80.6	3,198	1.7
2018					
Total	25,417	22,472	88.4	1,960	8.7
18-64	18,120	16,048	88.6	1,060	6.6
65 and over	7,297	6,424	88.0	900	14.0
Male	11,550	10,256	88.8	1,749	17.1
Female	13,867	12,216	88.1	211	1.7
2017					
Total	26,742	23,447	87.7	1,957	8.4
18-64	19,408	17,135	88.3	1,059	6.2
65 and over	7,334	6,312	86.1	898	14.2
Male	12,096	10,644	88.0	1,735	16.3
Female	14,646	12,803	87.4	222	1.7
2016					
Total	33,028	28,879	87.4	2,615	9.1
18-64	24,126	21,193	87.8	1,419	6.7
65 and over	8,902	7,686	86.3	1,196	15.6
Male	14,991	13,191	88.0	2,311	17.5
Female	18,037	15,688	87.0	304	1.9

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Survey year, age (years) at NHIS interview and sex	Total sample	n	Percent of total ⁵	n	Percent of eligible ⁶
2015					
Total	33,672	29,924	88.9	2,573	8.6
18-64	25,294	22,487	88.9	1,397	6.2
65 and over	8,378	7,437	88.8	1,176	15.8
Male	15,071	13,441	89.2	2,281	17.0
Female	18,601	16,483	88.6	292	1.8
2014					
Total	36,697	32,181	87.7	2,713	8.4
18-64	28,053	24,666	87.9	1,609	6.5
65 and over	8,644	7,515	86.9	1,104	14.7
Male	16,398	14,408	87.9	2,404	16.7
Female	20,299	17,773	87.6	309	1.7
2013					
Total	34,557	30,334	87.8	2,552	8.4
18-64	26,825	23,588	87.9	1,565	6.6
65 and over	7,732	6,746	87.3	987	14.6
Male	15,440	13,598	88.1	2,234	16.4
Female	19,117	16,736	87.6	318	1.9
2012					
Total	34,525	30,572	88.6	2,614	8.6
18-64	27,143	24,091	88.8	1,620	6.7
65 and over	7,382	6,481	87.8	994	15.3
Male	15,273	13,510	88.5	2,340	17.3
Female	19,252	17,062	88.6	274	1.6

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Survey year, age (years) at NHIS interview and sex	Total sample	n	Percent of total ⁵	n	Percent of eligible ⁶
2011					
Total	33,014	29,485	89.3	2,494	8.5
18-64	26,112	23,392	89.6	1,593	6.8
65 and over	6,902	6,093	88.3	901	14.8
Male	14,811	13,286	89.7	2,246	16.9
Female	18,203	16,199	89.0	248	1.5
2010					
Total	27,157	24,232	89.2	2,012	8.3
18-64	21,707	19,417	89.5	1,353	7.0
65 and over	5,450	4,815	88.4	659	13.7
Male	11,986	10,766	89.8	1,790	16.6
Female	15,171	13,466	88.8	222	1.7
2009					
Total	27,731	23,847	86.0	2,092	8.8
18-64	22,238	19,158	86.2	1,358	7.1
65 and over	5,493	4,689	85.4	734	15.7
Male	12,261	10,589	86.4	1,872	17.7
Female	15,470	13,258	85.7	220	1.7
2008					
Total	21,781	17,945	82.4	1,667	9.3
18-64	17,337	14,328	82.6	1,102	7.7
65 and over	4,444	3,617	81.4	565	15.6
Male	9,514	7,851	82.5	1,495	19.0
Female	12,267	10,094	82.3	172	1.7

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		Eligible for linkage ^{2, 3}		Linked to VA ⁴	
Survey year, age (years) at NHIS interview and sex	Total sample	n	Percent of total ⁵	n	Percent of eligible ⁶
2007					
Total	23,393	15,929	68.1	1,461	9.2
18-64	18,810	12,836	68.2	936	7.3
65 and over	4,583	3,093	67.5	525	17.0
Male	10,375	7,088	68.3	1,323	18.7
Female	13,018	8,841	67.9	138	1.6
2006					
Total	24,275	10,331	42.6	1,060	10.3
18-64	19,628	8,270	42.1	691	8.4
65 and over	4,647	2,061	44.4	369	17.9
Male	10,715	4,555	42.5	944	20.7
Female	13,560	5,776	42.6	116	2.0
2005					
Total	31,428	15,123	48.1	1,587	10.5
18-64	25,350	12,032	47.5	994	8.3
65 and over	6,078	3,091	50.9	593	19.2
Male	13,762	6,715	48.8	1,435	21.4
Female	17,666	8,408	47.6	152	1.8

¹ Only Sample Adults from NHIS were included in this data linkage, and therefore the match rate table and linked files are restricted to Sample Adults only. From each household in the NHIS, one 'Sample Adult' aged 18 and over is randomly selected.

² For 2005-2006 NHIS, eligibility for linkage is based on not refusing to provide Social Security Number (SSN) and having sufficient personally identifiable information (PII).

³ For 2007-2018 NHIS, eligibility for linkage is based on having the last four digits of SSN or an affirmative response to the follow-up question to allow linkage without SSN and providing sufficient PII for linkage.

⁴ This group includes linkage-eligible survey participants who linked to Department of Veterans Affairs (VA) administrative records.

⁵ This percentage is calculated by dividing the number of linkage-eligible Sample Adult survey participants by the number of total Sample Adult participants.

⁶ This percentage is calculated by dividing the number of linked Sample Adult survey participants by the total number of linkage-eligible Sample Adult participants.

**Table 2. Linked NCHS-VA Data – Sample Sizes and Unweighted Percentages, by Survey, Age at Screener Interview and Sex (overall):
National Health and Nutrition Examination Survey (NHANES), 2005-2018**

		All NHANES participants aged 18 and over ¹				MEC participants aged 18 and over ²					
		Eligible for linkage ^{3, 4}		Linked to VA ⁵				Eligible for linkage ^{3, 4}		Linked to VA ⁵	
Survey year, age (years) at NHANES screener and sex (overall)	Total sample	n	Percent of total ⁶	n	Percent of eligible ⁷	Total sample	n	Percent of total ⁸	n	Percent of eligible ⁹	
2005-2018											
Total	42,143	37,595	89.2	3,523	9.4	40,496	36,231	89.5	3,400	9.4	
18-64	32,441	28,856	89.0	1,924	6.7	31,318	27,922	89.2	1,870	6.7	
65 and over	9,702	8,739	90.1	1,599	18.3	9,178	8,309	90.5	1,530	18.4	
Male	20,458	18,337	89.6	3,236	17.7	19,633	17,641	89.9	3,121	17.7	
Female	21,685	19,258	88.8	287	1.5	20,863	18,590	89.1	279	1.5	
2017-2018											
Total	5,856	5,528	94.4	481	8.7	5,533	5,234	94.6	455	8.7	
18-64	4,356	4,092	93.9	238	5.8	4,141	3,899	94.2	228	5.9	
65 and over	1,500	1,436	95.7	243	16.9	1,392	1,335	95.9	227	17.0	
2015-2016											
Total	5,992	5,560	92.8	450	8.1	5,735	5,337	93.1	432	8.1	
18-64	4,614	4,269	92.5	237	5.6	4,433	4,109	92.7	227	5.5	
65 and over	1,378	1,291	93.7	213	16.5	1,302	1,228	94.3	205	16.7	
2013-2014											
Total	6,113	5,731	93.8	460	8.0	5,924	5,565	93.9	443	8.0	
18-64	4,807	4,489	93.4	263	5.9	4,659	4,361	93.6	252	5.8	
65 and over	1,306	1,242	95.1	197	15.9	1,265	1,204	95.2	191	15.9	
2011-2012											
Total	5,864	5,356	91.3	480	9.0	5,615	5,151	91.7	460	8.9	
18-64	4,614	4,195	90.9	274	6.5	4,449	4,059	91.2	266	6.6	
65 and over	1,250	1,161	92.9	206	17.7	1,166	1,092	93.7	194	17.8	
2009-2010											

Table 2. Linked NCHS-VA Data – Sample Sizes and Unweighted Percentages, by Survey, Age at Screener Interview and Sex (overall): National Health and Nutrition Examination Survey (NHANES), 2005-2018

Survey year, age (years) at NHANES screener and sex (overall)	All NHANES participants aged 18 and over ¹					MEC participants aged 18 and over ²				
	Total sample	Eligible for linkage ^{3, 4}		Linked to VA ⁵		Total sample	Eligible for linkage ^{3, 4}		Linked to VA ⁵	
	n	Percent of total ⁶	n	Percent of eligible ⁷	n	n	Percent of total ⁸	n	Percent of eligible ⁹	
Total	6,527	5,991	91.8	620	10.4	6,360	5,859	92.1	609	10.4
18-64	5,004	4,598	91.9	356	7.7	4,900	4,513	92.1	351	7.8
65 and over	1,523	1,393	91.5	264	19.0	1,460	1,346	92.2	258	19.2
2007-2008										
Total	6,228	4,863	78.1	518	10.7	5,995	4,699	78.4	508	10.8
18-64	4,672	3,640	77.9	283	7.8	4,527	3,536	78.1	281	8.0
65 and over	1,556	1,223	78.6	235	19.2	1,468	1,163	79.2	227	19.5
2005-2006										
Total	5,563	4,566	82.1	514	11.3	5,334	4,386	82.2	493	11.2
18-64	4,374	3,573	81.7	273	7.6	4,209	3,445	81.9	265	7.7
65 and over	1,189	993	83.5	241	24.3	1,125	941	83.6	228	24.2

¹ Only adults aged 18 and over from NHANES were included in this data linkage, and therefore the match rate table and linked files are restricted to adults only.

² This group includes only NHANES participants, aged 18 and over, who were examined in the Mobile Examination Center (MEC).

³ For 2005-2008 NHANES, eligibility for linkage is based on not refusing to provide Social Security Number (SSN) and having sufficient personally identifiable information (PII).

⁴ For 2009-2018 NHANES, eligibility for linkage was defined as providing an affirmative response to the linkage consent question and having sufficient PII.

⁵ This group includes linkage-eligible survey participants aged 18 and over who linked to Department of Veterans Affairs (VA) administrative records.

⁶ This percentage is calculated by dividing the number of linkage-eligible survey participants by the number of participants in the total sample aged 18 and over.

⁷ This percentage is calculated by dividing the number of linked survey participants by the total number of linkage-eligible participants.

⁸ This percentage is calculated by dividing the number of linkage-eligible survey participants by the number of participants in the total sample aged 18 and over.

⁹ This percentage is calculated by dividing the number of linked MEC participants by the total number of linkage-eligible MEC participants aged 18 and over.