

The tables below illustrate the unweighted percentage of NCHS survey participants who were linked to Medicare administrative data and were enrolled for at least one month in Medicare Advantage (MA), also referred to as Medicare Part C plan, by survey and age at interview. The unweighted percentages from the tables can be used by researchers, in combination with the feasibility file, to approximate the sample size for their analytic sample. There are some differences in Medicare Advantage enrollment by gender and race/ethnicity; tables assessing these variables are available upon request. CMS generally does not receive claims data for Medicare beneficiaries who enroll in Medicare Advantage plans (including private fee-for-service plans paid on a capitation basis). However, linked Medicare Advantage encounter data are available for 2016. See The Linkage of National Center for Health Statistics Survey Data to Medicare Enrollment, Claims/Encounters and Assessment Data (2014-2018): Linkage Methodology and Analytic Considerations for more information. In general, when assessing claims data researchers may want to consider excluding Medicare Advantage plan enrollees from their beneficiary samples for years when Medicare Advantage encounter data are not available.

Table 1. Unweighted percent of linked NCHS survey participants enrolled in a Medicare Advantage plan by survey and age at interview: National Health Interview Survey (NHIS)

	2014	2015	2016	2017	2018
NHIS 2018	32.0	33.4	34.4	36.0	38.3
18-64	26.6	27.5	31.8	34.3	34.8
>=65	32.8	34.3	34.8	36.3	38.9
NHIS 2017	31.8	33.3	33.8	35.7	37.8
18-64	24.3	27.6	28.2	31.3	33.7
>=65	33.0	34.3	34.7	36.6	39.0
NHIS 2016	30.8	32.3	33.1	34.3	36.2
18-64	24.7	27.9	28.4	29.2	31.8
>=65	31.7	33.0	34.0	35.7	37.8
NHIS 2015	29.5	31.2	32.7	34.2	36.4
18-64	24.0	26.0	28.6	30.4	33.3
>=65	30.5	32.4	33.9	35.6	37.9
NHIS 2014	29.8	31.5	32.9	34.5	36.5
18-64	24.6	27.3	30.0	32.0	34.5
>=65	31.0	32.7	34.0	35.7	37.6
NHIS 2013	31.3	32.5	33.6	35.8	37.7
18-64	26.9	28.6	30.1	32.3	35.2
>=65	32.7	34.2	35.4	37.8	39.5
NHIS 2012	32.0	33.1	34.4	35.7	38.2
18-64	26.1	28.0	29.7	31.5	34.5
>=65	34.6	35.9	37.4	38.9	41.5
NHIS 2011	32.8	34.2	34.8	36.5	38.6
18-64	26.6	29.1	29.9	32.4	35.7
>=65	36.0	37.4	38.5	40.1	41.5
NHIS 2010	33.4	35.5	36.3	38.3	40.5
18-64	29.5	32.9	33.8	36.0	38.5
>=65	36.0	37.5	38.6	40.6	42.9
NHIS 2009	32.8	35.1	35.8	37.1	39.3
18-64	28.6	31.5	33.4	34.7	37.3
>=65	35.9	38.2	38.2	40.0	41.9
NHIS 2008	33.7	34.6	35.6	37.2	39.6
18-64	31.5	32.7	34.3	35.9	39.0
>=65	35.6	36.5	37.0	38.9	40.5
NHIS 2007	31.9	34.3	35.2	37.2	40.4
18-64	30.1	32.6	33.9	36.4	40.0
>=65	33.8	36.3	37.1	38.4	41.1

Table 1. Unweighted percent of linked NCHS survey participants enrolled in a Medicare Advantage plan by survey and age at interview: NHIS

	2014	2015	2016	2017	2018
NHIS 2006	33.2	34.8	34.9	36.4	38.7
18-64	31.9	33.6	33.4	35.1	37.7
>=65	35.2	36.9	38.0	39.5	41.6
NHIS 2005	33.4	35.0	36.3	38.0	39.8
18-64	32.9	34.7	35.8	37.5	39.4
>=65	34.3	35.7	37.4	39.3	41.1
NHIS 2004	33.2	34.8	35.7	37.1	38.8
18-64	32.2	34.1	35.2	36.7	38.4
>=65	35.1	36.5	36.9	38.3	40.4
NHIS 2003	32.9	34.6	35.2	36.8	39.1
18-64	32.4	34.4	35.0	36.7	39.1
>=65	33.8	35.3	35.6	37.2	39.2
NHIS 2002	32.9	34.1	34.8	36.7	38.6
18-64	31.9	33.4	33.9	35.8	37.8
>=65	35.4	36.4	37.9	40.2	42.3
NHIS 2001	33.5	35.0	35.5	37.7	39.7
18-64	33.2	34.6	35.2	37.4	39.5
>=65	34.3	36.2	36.5	38.7	40.8
NHIS 2000	33.2	34.8	35.3	37.4	39.3
18-64	32.6	34.4	34.9	37.1	39.1
>=65	35.3	36.7	37.2	39.0	40.7
NHIS 1999	33.0	34.8	36.0	37.2	39.2
18-64	33.7	35.5	36.6	37.6	39.4
>=65	30.5	31.5	32.6	34.7	37.7
NHIS 1998	33.3	35.0	35.6	37.6	39.4
18-64	33.3	35.1	35.8	37.7	39.4
>=65	33.3	34.3	34.6	36.7	39.0
NHIS 1997	33.6	34.7	35.6	36.6	38.8
18-64	34.0	34.8	35.8	36.7	38.8
>=65	31.9	34.2	34.9	35.8	38.6
NHIS 1996	32.7	34.3	34.9	36.5	38.4
18-64	33.2	34.9	35.4	36.9	38.8
>=65	29.8	30.4	31.1	32.7	34.6
NHIS 1995	33.7	34.9	35.9	37.5	39.5
18-64	34.2	35.3	36.1	37.8	39.8
>=65	31.0	32.2	33.5	34.3	35.6
NHIS 1994	31.8	33.6	34.2	35.6	37.5
18-64	32.0	33.8	34.4	35.7	37.6
>=65	30.4	31.6	32.6	34.6	36.1

Table 2. Unweighted percent of linked NCHS survey participants enrolled in a Medicare Advantage plan by survey and age at interview: National Health and Nutrition Examination Survey (NHANES)

	2014	2015	2016	2017	2018
NHANES 2017-2018	35.5	37.0	38.6	41.3	44.6
18-64	34.1	37.2	38.6	41.0	42.9
>=65	35.8	36.9	38.6	41.4	45.1
NHANES 2015-2016	36.9	38.6	40.5	42.4	44.9
18-64	27.7	30.5	33.0	36.6	39.3
>=65	38.7	40.3	42.4	44.5	47.4
NHANES 2013-2014	39.8	40.9	42.0	43.6	45.4
18-64	30.3	32.8	34.3	37.6	41.6
>=65	42.6	44.0	45.7	47.0	47.9
NHANES 2011-2012	33.4	35.7	36.9	38.6	41.9
18-64	29.7	33.6	35.4	37.3	42.5
>=65	35.2	37.0	38.0	39.7	41.3
NHANES 2009-2010	35.0	36.4	37.9	40.1	42.1
18-64	33.9	34.9	36.7	39.6	41.2
>=65	35.7	37.5	38.8	40.7	43.0
NHANES 2007-2008	38.5	41.7	43.2	45.4	48.0
18-64	38.1	40.1	42.1	43.9	46.3
>=65	39.0	43.3	44.6	47.3	50.4
NHANES 2005-2006	32.4	34.7	35.2	37.0	39.1
18-64	29.8	33.1	32.6	34.7	37.2
>=65	34.9	36.4	38.6	40.4	42.6
NHANES 2003-2004	36.8	38.8	38.9	41.2	43.9
18-64	36.0	38.8	39.2	40.8	43.7
>=65	37.8	38.8	38.3	41.7	44.2
NHANES 2001-2002	38.2	39.4	41.0	41.6	43.3
18-64	37.0	38.7	40.0	40.2	41.7
>=65	40.1	40.8	43.3	45.3	48.2
NHANES 1999-2000	39.8	41.6	44.0	44.6	46.2
18-64	39.4	41.2	43.8	44.7	45.8
>=65	40.7	42.8	44.5	44.2	47.6
NHANES III	36.8	39.8	41.1	42.9	45.5
18-64	37.5	40.5	41.7	43.3	45.9
>=65	30.6	33.3	33.5	35.7	36.9

Table 3. Unweighted percent of linked NCHS survey participants enrolled in a Medicare Advantage plan by survey and age at interview: National Nursing Home Survey (NNHS) 2004

	2014	2015	2016	2017	2018
NNHS 2004	16.3	17.9	18.2	20.1	22.2
18-64	13.7	15.8	15.9	17.6	19.5
>=65	18.1	19.8	20.8	23.1	25.9