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Arthritis in the USA: a longitudinal analysis of three nationally representative studies

SUPPLEMENT 1

Table I – Sampling information, response rates, weighting information, and additional sampling information for each BRFSS survey year used

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Table I: Sampling information, response rates, weighting information, and additional sampling information for each BRFSS survey year used

Year	Data quality report and sampling information	RR ^a (%)	State-specific RR (%)	Additional weighting or sampling information
1996	https://www.cdc.gov/brfss/annual_data/1996/pdf/1996SummaryDataQualityReport.pdf	63·2	<i>Available in Data Quality Report</i>	Information available from the other link listed for 1996, or at < https://www.cdc.gov/brfss/annual_data/1996/files/OVERVU96.TXT > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Rheumatic disorder diagnosis question was part of the module questionnaire
1997	https://www.cdc.gov/brfss/annual_data/1997/pdf/1997SummaryDataQualityReport.pdf	62·1	<i>Available in Data Quality Report</i>	Information available from the other link listed for 1997, or at < https://www.cdc.gov/brfss/annual_data/1997/files/OVERVU97.TXT > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Rheumatic disorder diagnosis question was part of the module questionnaire
1998	https://www.cdc.gov/brfss/annual_data/1998/pdf/1998SummaryDataQualityReport.pdf	59·1	<i>Available in Data Quality Report</i>	Information available from the other link listed for 1998, or at < https://www.cdc.gov/brfss/annual_data/1998/pdf/Overview_98.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Rheumatic disorder diagnosis question was part of the module questionnaire
1999	https://www.cdc.gov/brfss/annual_data/1999/pdf/1999SummaryDataQualityReport.pdf	55·2	<i>Available in Data Quality Report</i>	Information available from the other link listed for 1999, or at < https://www.cdc.gov/brfss/annual_data/1999/pdf/Overview_99.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Rheumatic disorder diagnosis question was part of the module questionnaire
2000	https://www.cdc.gov/brfss/annual_data/2000/pdf/2000SummaryDataQualityReport.pdf	48·9	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2000, or at < https://www.cdc.gov/brfss/annual_data/2000/pdf/Overview_00.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Rheumatic disorder diagnosis question was part of the module questionnaire

2001	https://www.cdc.gov/brfss/annual_data/2001/pdf/2001SummaryDataQualityReport.pdf	52·7	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2001, or at < https://www.cdc.gov/brfss/annual_data/2001/pdf/overview_01.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only
2002	https://www.cdc.gov/brfss/annual_data/2002/pdf/2002SummaryDataQualityReport.pdf	44·5	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2002, or at < https://www.cdc.gov/brfss/annual_data/2002/pdf/overview_02.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Rheumatic disorder diagnosis question was part of the module questionnaire
2003	https://www.cdc.gov/brfss/annual_data/2003/pdf/2003SummaryDataQualityReport.pdf	53·2	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2003, or at < https://www.cdc.gov/brfss/annual_data/2003/pdf/overview_03.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only
2004	https://www.cdc.gov/brfss/annual_data/2004/pdf/2004SummaryDataQualityReport.pdf	52·7	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2004, or at < https://www.cdc.gov/brfss/annual_data/2004/pdf/overview_04.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Rheumatic disorder diagnosis question was part of the module questionnaire
2005	https://www.cdc.gov/brfss/annual_data/annual_2005.htm	51·1	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2005, or at < https://www.cdc.gov/brfss/annual_data/2005/pdf/overview_05.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Response rate excludes Guam, Puerto Rico, and Virgin Islands
2007	https://www.cdc.gov/brfss/annual_data/2007/pdf/2007SummaryDataQualityReport.pdf	50·6	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2007, or at < https://www.cdc.gov/brfss/annual_data/2007/pdf/overview_07.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Response rate excludes Guam, Puerto Rico, and Virgin Islands

2009	https://www.cdc.gov/brfss/annual_data/2009/pdf/2009_Summary_Data_Quality_Report.pdf	52.5	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2009, or at < https://www.cdc.gov/brfss/annual_data/2009/pdf/overview_09.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Response rate excludes Guam, Puerto Rico, and Virgin Islands
2010	https://www.cdc.gov/brfss/annual_data/2010/pdf/2010_Summary_Data_Quality_Report.pdf	54.6	<i>Available in Data Quality Report</i>	Information available from the other link listed for 2010, or at < https://www.cdc.gov/brfss/annual_data/2010/pdf/overview_10.pdf > <ul style="list-style-type: none"> ◦ Poststratification weighting methods ◦ Inclusion of landlines only ◦ Response rate excludes Guam, Puerto Rico, and Virgin Islands ◦ Rheumatic disorder diagnosis question was part of the module questionnaire
2011	https://www.cdc.gov/brfss/annual_data/2011/pdf/2011_Summary_Data_Quality_Report.pdf	49.7	https://www.cdc.gov/brfss/annual_data/2011/response_rates_11.htm	Information available from the other two links listed for 2011, or at < https://www.cdc.gov/brfss/annual_data/2011/pdf/overview_11.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights ◦ Weight trimming to increase the value of very low weights and decrease the value of very high weights ◦ Response rate excludes Guam, Puerto Rico, and Virgin Islands
2012	https://www.cdc.gov/brfss/annual_data/2012/pdf/SummaryDataQualityReport2012_20130712.pdf	45.2	https://www.cdc.gov/brfss/annual_data/2012/response_rates_12.htm	Information available from the other two links listed for 2012, or at < https://www.cdc.gov/brfss/annual_data/2012/pdf/Overview_2012.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights ◦ Weight trimming to increase the value of very low weights and decrease the value of very high weights
2013	https://www.cdc.gov/brfss/annual_data/2013/pdf/2013_DQR.pdf	46.4	https://www.cdc.gov/brfss/annual_data/2013/response_rates_13.htm	Information available from the other two links listed for 2013, or at < https://www.cdc.gov/brfss/annual_data/2013/pdf/Overview_2013.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights ◦ Weight trimming to increase the value of very low weights and decrease the value of very high weights

2014	https://www.cdc.gov/brfss/annual_data/2014/pdf/2014_dqr.pdf	47·0	https://www.cdc.gov/brfss/annual_data/2014/2014_ResponseRates.html	Information available from the other two links listed for 2014, or at < https://www.cdc.gov/brfss/annual_data/2014/pdf/Overview_2014.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights ◦ Weight trimming to increase the value of very low weights and decrease the value of very high weights
2015	https://www.cdc.gov/brfss/annual_data/2015/pdf/2015-sdqr.pdf	47·2	https://www.cdc.gov/brfss/annual_data/2015/2015_ResponseRates.html	Information available from the other two links listed for 2015, or at < https://www.cdc.gov/brfss/annual_data/2015/pdf/overview_2015.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights ◦ Weight trimming to increase the value of very low weights and decrease the value of very high weights
2016	https://www.cdc.gov/brfss/annual_data/2016/pdf/2016-sdqr.pdf	47·1	https://www.cdc.gov/brfss/annual_data/2016/pdf/2016_ResponseRates_Table.pdf	Information available from the other two links listed for 2016, or at < https://www.cdc.gov/brfss/annual_data/2016/pdf/overview_2016.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights
2017	https://www.cdc.gov/brfss/annual_data/2017/pdf/2017-sdqr-508.pdf	45·9	https://www.cdc.gov/brfss/annual_data/2017/pdf/2017-response-rates-table-508.pdf	Information available from the other two links listed for 2017, or at < https://www.cdc.gov/brfss/annual_data/2017/pdf/overview-2017-508.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights
2018	https://www.cdc.gov/brfss/annual_data/2018/pdf/2018-sdqr-508.pdf	49·9	https://www.cdc.gov/brfss/annual_data/2018/pdf/2018-response-rates-table-508.pdf	Information available from the other two links listed for 2018, or at < https://www.cdc.gov/brfss/annual_data/2018/pdf/overview-2018-508.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights

2019	https://www.cdc.gov/brfss/annual_data/2019/pdf/2019-sdqr-508.pdf	49.4	<i>Available in Data Quality Report</i>	Information available from the other link posted for 2019; or at < https://www.cdc.gov/brfss/annual_data/2019/pdf/overview-2019-508.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights
2020	https://www.cdc.gov/brfss/annual_data/2020/pdf/2020-sdqr-508.pdf	47.9	<i>Available in Data Quality Report</i>	Information available from the other link posted for 2020; or at < https://www.cdc.gov/brfss/annual_data/2020/pdf/overview-2020-508.pdf > <ul style="list-style-type: none"> ◦ Comparable to data from 2011 onwards ◦ Inclusion of cell-phones and landlines ◦ Iterative proportional fitting (raking) to obtain design weights

^a RR: median (by state) response rate

Additional Information

Additional information on weighting for each year can be found within each year's data files at https://www.cdc.gov/brfss/annual_data/annual_data.htm.

Table II: Sampling information, response rates, weighting information, and additional sampling information for each NHIS survey year used

Year	Survey description [§]	RR ^a (%)	Field guide and manual	Design and weighting information
1997	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/1997/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 32 	80.4	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1997/frmanual.pdf	<p>New design implemented from 1995, as outlined in https://www.cdc.gov/nchs/data/series/sr_02/sr02_130.pdf; thus, the below features apply to this timeframe</p> <ul style="list-style-type: none"> ◦ All area sampling (from 1985) ◦ State stratification and increased PSU's ◦ Oversampling black and Hispanic persons
1998	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/1998/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 36 	73.9	<p><i>Part A:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1998/frmanu_a.pdf</p> <p><i>Part B:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1998/frmanu_b.pdf</p> <p><i>Part C:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1998/frmanu_c.pdf</p> <p><i>Part D:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1998/frmanu_d.pdf</p>	
1999	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/1999/Srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 40 	69.6	<p><i>Part A:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1999/frmanu_a.pdf</p> <p><i>Part B:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1999/frmanu_b.pdf</p> <p><i>Part C:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1999/frmanu_c.pdf</p>	

			<p><i>Part D:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/1999/frmanu_d.pdf</p>	
2000	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2000/srvydesc.pdf <ul style="list-style-type: none"> ◦ Sample adult file begins on page 42 	72.1	<p><i>Part A:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2000/frmanu_a.pdf</p> <p><i>Part B:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2000/frmanu_b.pdf</p> <p><i>Part C:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2000/frmanu_c.pdf</p> <p><i>Part D:</i> ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2000/frmanu_d.pdf</p>	
2001	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2001/Srvydesc.pdf <ul style="list-style-type: none"> ◦ Sample adult file begins on page 44 	73.8	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2001/frmanual.pdf	
2002	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2002/srvydesc.pdf <ul style="list-style-type: none"> ◦ Sample adult file begins on page 46 	74.3	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2002/frmanual.pdf	
2003	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2003/Srvydesc.pdf	74.2	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2003/frmanual.pdf	

	<ul style="list-style-type: none"> ◦ Sample adult file begins on page 44 			
2005	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2005/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 51 	69.0	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2005/frmanual.pdf	
2006	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2006/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 51 	70.8	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2006/frmanual.pdf	<p>New design implemented, as outlined in</p> <p><https://www.cdc.gov/nchs/data/series/sr_02/sr02_165.pdf></p> <ul style="list-style-type: none"> ◦ All area sampling (continued) ◦ State stratification ◦ Oversampling of black, Hispanic, and Asian persons
2007	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2007/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 57 	67.8	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2007/frmanual.pdf	
2008	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2008/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 	62.6	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2008/frmanual.pdf	
2009	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2009/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 57 	65.4	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2009/frmanual.pdf	
2010	<p>ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2010/srvydesc.pdf</p> <ul style="list-style-type: none"> ◦ Sample adult file begins on page 60 	60.8	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2010/frmanual.pdf	

2011	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2011/srvydesc.pdf ◦ Sample adult file begins on page 62	66.3	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2011/frmanual.pdf	
2012	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2012/srvydesc.pdf ◦ Sample adult file begins on page 63	61.2	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2012/frmanual.pdf	
2013	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2013/srvydesc.pdf ◦ Sample adult file begins on page 53	61.2	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2013/frmanual.pdf	
2014	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2014/srvydesc.pdf ◦ Sample adult file begins on page 55	58.9	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2014/frmanual.pdf	
2015	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2015/srvydesc.pdf ◦ Sample adult file begins on page 57	55.2	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2015/frmanual.pdf	

2016	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2016/srvydesc.pdf <ul style="list-style-type: none"> ◦ Sample adult file begins on page 58 	54.3	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2016/frmanual.pdf	<p>New design implemented, as outlined in <ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2016/srvydesc.pdf>, found on page 8.</p> <ul style="list-style-type: none"> ◦ Changed US population distribution considered ◦ Oversampling of black, Hispanic, and Asian persons no longer required ◦ State stratification ◦ Commercial address lists used as main source of addresses
2017	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2017/srvydesc.pdf <ul style="list-style-type: none"> ◦ Sample adult file begins on page 56 	53.0	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2017/frmanual.pdf	
2018	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/2018/srvydesc.pdf <ul style="list-style-type: none"> ◦ Sample adult file begins on page 51 	53.1	ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Survey_Questionnaires/NHIS/2018/frmanual.pdf	

^a RR: Response rate is the unconditional response rate, and accounts for household and family survey sections non-response

^b Annual new additions, sample design, questionnaire, interviewing procedures, sample sizes and response rates, weighting, and other mathematical specifics

Table III: Sampling information, response rates, weighting information, and additional sampling information for each NHANES (Continuous) survey cycle used

Survey Cycle	Sampling information link	Unweighted response rate ^a (%) <i>I^a</i> <i>E^a</i>	Response rate and population information link	Notes/annotations
1999-2000	https://www.cdc.gov/nchs/data/series/sr_02/sr02_155.pdf	82.0 76.0	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/RRT0102MF.pdf	Oversampled groups: <ul style="list-style-type: none"> ◦ Mexican Americans ◦ Black people ◦ White/'other' people below 130% of the federal poverty level ◦ White/'other' people over 70 ◦ Adolescents aged 12 to 19 (not relevant for this study) Only survey cycle for which a representative population was based on 1990 government census
2001-02		84.0 80.0	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/RRT0102MF.pdf	Oversampled groups: <ul style="list-style-type: none"> ◦ Mexican Americans ◦ Black people ◦ White/'other' people below 130% of the federal poverty level ◦ White/'other' people over 70 ◦ Adolescents aged 12 to 19 (not relevant for this study) Representative population based on 2000 census
2003-04		79.0 76.0	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/RRT0304MF.pdf	Oversampled groups: <ul style="list-style-type: none"> ◦ Mexican Americans ◦ Black people ◦ White/'other' people below 130% of the federal poverty level ◦ White/'other' people over 70 ◦ Adolescents aged 12 to 19 (not relevant for this study) Representative population based on 2000 census

2005-06		80.5 77.4	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/RRT0506MF.pdf	<p>Oversampled groups:</p> <ul style="list-style-type: none"> ◦ Mexican Americans ◦ Black people ◦ White/'other' people below 130% of the federal poverty level ◦ White/'other' people over 70 ◦ Adolescents aged 12 to 19 (not relevant for this study) <p>Representative population based on 2000 census</p>
2007-08	https://www.cdc.gov/nchs/data/series/sr_02/sr02_160.pdf	78.4 75.4	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/RRT0708MF.pdf	<p>Over sampled groups:</p> <ul style="list-style-type: none"> ◦ Hispanic people ◦ Non-Hispanic black people ◦ Non-Hispanic white/'other' people below 130% of the federal poverty line ◦ Non-Hispanic white/'other' people aged 80 or above <p>Representative population based on 2000 census</p>
2009-10		79.4 77.3	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/RRT0910.pdf	<p>Over sampled groups:</p> <ul style="list-style-type: none"> ◦ Hispanic people ◦ Non-Hispanic black people ◦ Non-Hispanic white/'other' people below 130% of the federal poverty line ◦ Non-Hispanic white/'other' people aged 80 or above <p>Representative population based on 2000 census</p>
2011-12	https://www.cdc.gov/nchs/data/series/sr_02/sr02_162.pdf	72.6 69.5	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/rrt1112.pdf	<p>Oversampled groups:</p> <ul style="list-style-type: none"> ◦ Hispanic people ◦ Non-Hispanic black people ◦ Non-Hispanic, non-black Asian people ◦ Non-Hispanic white/'other' people below 130% of the deferral poverty level ◦ Non-Hispanic white/'other' people aged 80 and over <p>Representative population based on 2000 census</p>

2013-14		71.0 68.5	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/2013_2014_response_rates.pdf	<p>Oversampled groups:</p> <ul style="list-style-type: none"> ◦ Hispanic people ◦ Non-Hispanic black people ◦ Non-Hispanic, non-black Asian people ◦ Non-Hispanic white/'other' people below 130% of the deferral poverty level ◦ Non-Hispanic white/'other' people aged 80 and over <p>Representative population based on 2000 census</p>
2015-16	https://www.cdc.gov/nchs/data/series/sr_02/sr02-184-508.pdf	61.3 58.7	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/2015-2016_response_rates.pdf	<p>Oversampled groups:</p> <ul style="list-style-type: none"> ◦ Hispanic people ◦ Non-Hispanics black people ◦ Non-Hispanic, non-black Asians ◦ Non-Hispanic white/'other' people below 185% of federal poverty level ◦ Non-Hispanic white/'other' people aged 0 to 11, and 80 and above <p>Representative population based on 2000 census</p>
2017-18		51.9 48.8	https://wwwn.cdc.gov/nchs/data/nhanes3/ResponseRates/NHANES-2017-2018-Response-Rates-508.pdf	<p>Oversampled groups:</p> <ul style="list-style-type: none"> ◦ Hispanic people ◦ Non-Hispanics black people ◦ Non-Hispanic, non-black Asians ◦ Non-Hispanic white/'other' people below 185% of federal poverty level ◦ Non-Hispanic white/'other' people aged 0 to 11, and 80 and above <p>Representative population based on 2000 census</p>

^aResponse rate for people who were interviewed (I) and people who were examined (E)

Additional information

Specific information can be found on the NHANES (Continuous) portion of the CDC website. Additional sampling information on specific weighting mathematics and analysis specifications can be found in *National Health and Nutrition Examination Survey: Analytic Guidelines, 1999-2010* (at <https://wwwn.cdc.gov/nchs/data/nhanes/analyticguidelines/99-10-analytic-guidelines.pdf>), and in *National Health and Nutrition Examination Survey: Analytic Guidelines, 2011-2014 and 2015-2016* (<https://wwwn.cdc.gov/nchs/data/nhanes/analyticguidelines/11-16-analytic-guidelines.pdf>). In addition, specific information on the operational methods used for NHANES (Continuous) data collection is available in the *National Health and Nutrition Examination Survey: Plan and Operations, 1999-2010* document (at https://www.cdc.gov/nchs/data/series/sr_01/sr01_056.pdf).