

Data Brief 405. Osteoporosis or Low Bone Mass in Older Adults: United States, 2017–2018

Data table for Figure 1. Prevalence of osteoporosis among adults aged 50 and over, by sex and age: United States, 2017–2018

Age group	Sex		
	Total	Men	Women
	Percent (standard error)		
All	12.6 (0.9)	4.4 (0.9)	19.6 (1.5)
50–64	8.4 (1.2)	3.3 (1.3)	13.1 (1.6)
65 and over	17.7 (1.8)	5.7 (1.3)	27.1 (2.5)

NOTES: Osteoporosis is defined as occurring at the femur neck or lumbar spine or both. Estimates for adults aged 50 and over were age adjusted by the direct method to the 2000 U.S. Census population using age groups 50–64 and 65 and over. Crude estimates are 12.0% for total, 4.2% for men, and 18.8% for women. The age-adjusted prevalence of osteoporosis at the femur neck only is 6.3%, lumbar spine only is 4.3%, and both is 2.0%.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 2017–2018.

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Data table for Figure 2. Prevalence of low bone mass among adults aged 50 and over, by sex and age: United States, 2017–2018

Age group	Sex		
	Total	Men	Women
	Percent (standard error)		
All	43.1 (1.4)	33.5 (2.5)	51.5 (1.6)
50–64	39.3 (1.5)	27.5 (2.6)	50.3 (1.7)
65 and over	47.5 (1.9)	40.7 (3.4)	52.9 (2.5)

NOTES: Low bone mass is defined as occurring at the femur neck or lumbar spine or both. Estimates for adults aged 50 and over were age adjusted by the direct method to the 2000 U.S. Census population using age groups 50–64 and 65 and over. Crude estimates are 42.4% for total, 32.3% for men, and 51.4% for women.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 2017–2018.

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Data table for Figure 3. Trends in age-adjusted prevalence of osteoporosis among adults aged 50 and over, by sex: United States, 2007–2008 through 2017–2018

NHANES Cycle	Sex		
	Total	Men	Women
	Percent (standard error)		
2007–2008	9.4 (0.6)	3.7 (0.5)	14.0 (0.9)
2009–2010	12.3 (0.7)	5.8 (1.0)	18.2 (1.0)
2011–2012	---	---	---
2013–2014	13.2 (0.6)	6.4 (0.9)	18.9 (1.1)
2015–2016	---	---	---
2017–2018	12.6 (0.9)	4.4 (0.9)	19.6 (1.5)

--- Data not available.

NOTES: Osteoporosis is defined as occurring at the femur neck or lumbar spine or both. NHANES is National Health and Nutrition Examination Survey. Percentages are age adjusted by the direct method to the 2000 projected U.S. Census population using age groups 50–64 and 65 and over.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 2007–2008 through 2017–2018.

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Data table for Figure 4. Trends in age-adjusted prevalence of low bone mass among adults aged 50 and over, by sex: United States, 2007–2008 through 2017–2018

NHANES Cycle	Sex		
	Total	Men	Women
	Percent (standard error)		
2007–2008	43.0 (1.1)	34.1 (1.0)	51.0 (1.6)
2009–2010	43.4 (1.1)	36.9 (2.1)	49.5 (1.1)
2011–2012	---	---	---
2013–2014	44.4 (0.7)	35.8 (1.1)	51.9 (0.9)
2015–2016	---	---	---
2017–2018	43.1 (1.4)	33.5 (2.5)	51.5 (1.6)

--- Data not available.

NOTES: Low bone mass is defined as occurring at the femur neck or lumbar spine or both. NHANES is National Health and Nutrition Examination Survey. Percentages are age adjusted by the direct method to the 2000 projected U.S. Census population using age groups 50–64 and 65 and over.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 2007–2008 through 2017–2018.