

National Health Statistics Reports 160. Mean Body Weight, Height, Waist Circumference, and Body Mass Index Among Children and Adolescents: United States, 1999–2018

Data table for Figure 1. Age-adjusted trends in mean body weight (kilograms) among boys aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	17.1	32.9	59.0	75.5
2001–2002.	17.5	33.8	59.2	76.0
2003–2004.	17.8	34.3	61.6	77.2
2005–2006.	17.3	33.3	59.4	77.0
2007–2008.	17.1	34.2	61.0	77.3
2009–2010.	17.7	33.9	61.3	79.3
2011–2012.	17.4	34.1	62.1	76.9
2013–2014.	17.5	34.1	62.2	78.0
2015–2016.	17.4	33.9	61.4	76.3
2017–2018.	17.7	34.4	62.3	75.5

¹Refers to age at the time of the examination.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 2. Age-adjusted trends in mean body weight (kilograms) among girls aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	16.8	33.4	58.3	63.7
2001–2002.	16.8	34.6	57.2	64.2
2003–2004.	17.1	36.1	57.3	65.5
2005–2006.	16.6	34.2	57.9	65.3
2007–2008.	17.1	34.5	58.7	63.5
2009–2010.	16.8	34.6	58.5	65.8
2011–2012.	16.8	35.4	59.1	65.7
2013–2014.	17.1	34.3	58.7	68.0
2015–2016.	16.9	34.0	58.0	69.4
2017–2018.	16.9	35.2	59.6	67.0

¹Refers to age at the time of the examination.

NOTE: Pregnant females are excluded.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 3. Age-adjusted trends in mean recumbent length (centimeters) among boys and girls aged 0–47 months: United States, 1999–2000 through 2017–2018

Survey years	Sex and age group ¹			
	Boys		Girls	
	0–11 months	12–47 months	0–11 months	12–47 months
1999–2000.	66.4	90.4	65.7	89.4
2001–2002.	66.5	90.7	65.5	89.6
2003–2004.	66.3	91.2	65.5	90.2
2005–2006.	66.9	91.5	65.4	89.8
2007–2008.	66.4	90.7	65.0	90.3
2009–2010.	66.4	91.2	65.1	89.9
2011–2012.	66.5	91.6	65.4	90.4
2013–2014.	66.5	90.9	64.7	89.7
2015–2016.	66.4	90.7	65.0	89.9
2017–2018.	66.5	91.5	65.2	90.1

¹Refers to age at the time of the examination.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 4. Age-adjusted trends in mean height (centimeters) among boys aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	102.5	133.7	164.1	175.8
2001–2002.	102.6	134.4	164.6	176.1
2003–2004.	103.4	134.1	165.4	176.3
2005–2006.	103.0	134.0	164.1	176.7
2007–2008.	102.5	134.2	165.2	175.9
2009–2010.	103.2	134.1	165.1	176.6
2011–2012.	103.1	134.7	165.8	175.8
2013–2014.	103.2	134.1	165.4	174.5
2015–2016.	102.5	133.5	164.4	174.8
2017–2018.	102.6	134.1	164.6	174.6

¹Refers to age at the time of the examination.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 5. Age-adjusted trends in mean height (centimeters) among girls aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	101.7	133.5	160.2	162.2
2001–2002.	102.0	134.8	159.5	163.2
2003–2004.	102.3	135.7	159.4	162.5
2005–2006.	101.3	134.7	159.5	163.0
2007–2008.	102.3	134.4	159.8	162.9
2009–2010.	101.7	135.0	160.5	162.8
2011–2012.	101.9	135.2	159.3	162.3
2013–2014.	101.9	134.4	158.8	162.4
2015–2016.	101.5	133.6	158.8	162.2
2017–2018.	101.3	134.5	159.2	162.4

¹Refers to age at the time of the examination.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 6. Age-adjusted trends in mean waist circumference (centimeters) among boys aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	51.5	63.2	76.6	84.5
2001–2002.	51.7	64.5	77.0	85.0
2003–2004.	52.4	64.8	78.7	86.3
2005–2006.	51.7	63.7	77.7	85.6
2007–2008.	51.5	64.7	78.1	84.7
2009–2010.	52.1	63.8	77.4	86.9
2011–2012.	51.6	64.5	78.9	85.1
2013–2014.	52.1	64.8	78.8	86.9
2015–2016.	51.8	64.8	79.3	85.3
2017–2018.	52.5	65.1	80.0	85.3

¹Refers to age at the time of the examination.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 7. Age-adjusted trends in mean waist circumference (centimeters) among girls aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	51.3	63.2	78.0	81.0
2001–2002.	51.7	64.5	77.6	82.0
2003–2004.	51.9	66.6	77.6	83.0
2005–2006.	51.6	64.6	79.1	83.1
2007–2008.	51.9	65.3	79.1	81.6
2009–2010.	51.4	64.7	78.2	83.9
2011–2012.	51.7	65.8	79.7	84.4
2013–2014.	52.2	64.9	78.9	85.2
2015–2016.	52.1	64.5	78.6	85.4
2017–2018.	51.9	65.3	79.5	83.9

¹Refers to age at the time of the examination.

NOTE: Pregnant females are excluded.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 8. Age-adjusted trends in mean body mass index among boys aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	16.2	18.0	21.5	24.3
2001–2002.	16.5	18.3	21.6	24.5
2003–2004.	16.7	18.5	22.2	24.7
2005–2006.	16.3	18.1	21.8	24.6
2007–2008.	16.3	18.5	22.1	24.9
2009–2010.	16.6	18.3	22.2	25.3
2011–2012.	16.4	18.3	22.4	24.9
2013–2014.	16.4	18.4	22.4	25.5
2015–2016.	16.6	18.5	22.4	25.0
2017–2018.	16.8	18.6	22.6	24.7

¹Refers to age at the time of the examination.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.

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Data table for Figure 9. Age-adjusted trends in mean body mass index among girls aged 2–19 years: United States, 1999–2000 through 2017–2018

Survey years	Age group ¹			
	2–5 years	6–11 years	12–15 years	16–19 years
1999–2000.	16.1	18.1	22.6	24.1
2001–2002.	16.1	18.4	22.4	24.1
2003–2004.	16.3	18.9	22.4	24.8
2005–2006.	16.2	18.3	22.7	24.5
2007–2008.	16.3	18.5	22.8	23.9
2009–2010.	16.3	18.5	22.6	24.8
2011–2012.	16.2	18.8	23.2	24.9
2013–2014.	16.4	18.4	23.1	25.7
2015–2016.	16.4	18.5	22.9	26.3
2017–2018.	16.4	18.8	23.4	25.4

¹Refers to age at the time of the examination.

NOTE: Pregnant females are excluded.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 1999–2018.