

## Healthy People 2010 Operational Definition

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### **15-4. Reduce the proportion of persons living in homes with firearms that are loaded and unlocked.**

<b>National Data Source</b>	National Health Interview Survey (NHIS), CDC, NCHS.
<b>State Data Source</b>	Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP. (See State Operational Definition, below.)
<b>Healthy People 2000 Objective</b>	Adapted from 7.11 (Violent and Abusive Behavior).
<b>Changes since the 2000 Publication</b>	None.
<b>Measure</b>	Percent (age adjusted—see Comments).
<b>Baseline (Year)</b>	19 (1998).
<b>Target</b>	16
<b>Target-Setting Method</b>	Better than the best racial/ethnic subgroup.  For a discussion of target-setting methods, see Part A, section 4.
<b>Numerator</b>	Number of persons aged 18 years and older who report living in homes with firearms loaded and unlocked.
<b>Denominator</b>	Number of persons aged 18 years and older who report living in homes with firearms.
<b>Population Targeted</b>	U.S. civilian, noninstitutionalized population.
<b>Questions Used To Obtain the National Baseline Data</b>	From the 1998 National Health Interview Survey:  [NUMERATOR:] ➤ <i>Is at least one of the firearms kept unloaded and unlocked?</i>  [DENOMINATOR:] ➤ <i>Are any firearms now kept in or around your home? Include those kept in a garage, outdoor storage area, truck or car</i>

<b>Expected Periodicity</b>	Periodic.
<b>Comments</b>	<p>The questions for this objective are periodically included in supplements to NHIS. BRFSS items are collected in rotating modules (approximately every 3 years).</p> <p>Data (except those by education status) are age adjusted to the 2000 standard population using the age groups 18-24, 25-34, 35-44, 45-64, and 65 years and over. Data by education status are age adjusted using the age groups 25-34, 35-44, 45-64, and 65 years and over. Age-adjusted percents are weighted sums of age-specific percents. For a discussion of age adjustment see Part A, section 7.</p> <p>This objective differs from Healthy People 2000 objective 7.11 in that the data used to monitor objective 7.11 were not age adjusted.</p> <p>For some measures, data do not meet the criteria for statistical reliability, data quality, or confidentiality and have been suppressed. Information on suppression of data for the major Healthy People 2010 data systems has been published in a <i>Healthy People Statistical Note</i>.<sup>1</sup></p> <p>See Part C for a description of NHIS and Appendix A for focus area contact information.</p>

## References

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1. Klein, R.J.; Proctor, S.E.; Boudreault, M.A.; Turczyn, K.M. Healthy People 2010 Criteria for Data Suppression. *Statistical Notes* No. 24. Hyattsville, MD: National Center for Health Statistics. 2002.

## State Operational Definition

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### **15-4. Reduce the proportion of persons living in homes with firearms that are loaded and unlocked.**

<b>State Data Source</b>	Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP.
<b>National Data Source</b>	National Health Interview Survey (NHIS), CDC, NCHS.
<b>Measure</b>	Percent (age adjusted—see Comments).
<b>Numerator</b>	Number of persons aged 18 years and older who report living in homes with firearms loaded and unlocked.
<b>Denominator</b>	Number of persons aged 18 years and older who report living in homes with firearms.
<b>Population Targeted</b>	State-specific civilian, non-institutionalized adult population residing in households with telephones (see Comments).
<b>Questions Used To Obtain the State Baseline Data</b>	<p>From the 1998 Behavioral Risk Factor Surveillance System:</p> <p>[NUMERATOR:]</p> <ul style="list-style-type: none"><li>➤ <i>Is at least one of the firearms kept unloaded and unlocked?</i></li></ul> <p>[DENOMINATOR:]</p> <ul style="list-style-type: none"><li>➤ <i>Are any firearms now kept in or around your home? Include those kept in a garage, outdoor storage area, truck or car</i></li></ul>
<b>Expected Periodicity</b>	Periodic.
<b>Comments</b>	<p>Data for this objective are collected using an optional module of the BRFSS, which is made available to States for administration annually. The number of States that select the Firearms module varies every year. In 1998, 4 States used the optional Firearms module.</p> <p>National data from the NHIS and state data from the BRFSS may not be comparable for a number of reasons, including mode of question administration, context of questions, question wording, and survey</p>

sampling frame.

Data (except those by education status) are age adjusted to the 2000 standard population using the age groups 18-24, 25-34, 35-44, 45-64, and 65 years and over. Data by education status are age adjusted using the age groups 25-34, 35-44, 45-64, and 65 years and over. Age-adjusted percents are weighted sums of age-specific percents. For a discussion of age adjustment see Part A, section 7.

For some measures, data do not meet the criteria for statistical reliability, data quality, or confidentiality and have been suppressed. Information on suppression of data for the major Healthy People 2010 data systems has been published in a *Healthy People Statistical Note*.<sup>1</sup>

See [www.cdc.gov/brfss](http://www.cdc.gov/brfss) for a description of BRFSS and Appendix A for focus area contact information.

## References

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1. Klein, R.J.; Proctor, S.E.; Boudreault, M.A.; Turczyn, K.M. Healthy People 2010 Criteria for Data Suppression. *Statistical Notes* No. 24. Hyattsville, MD: National Center for Health Statistics. 2002.