National attitudes concerning gun carrying in the United States

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Abstract

Objectives—To determine public attitudes in the United States concerning gun carrying.

Setting—In the past 15 years, many state legislatures have passed laws making it easier for United States citizens to carry concealed firearms, not only on the street but into various locations, including churches and government buildings.

Methods—National random digit telephone surveys conducted in 1996 and 1999 asked questions concerning the public’s feelings of safety as more people in their community carry firearms, and whether, in the language of the question, respondents believe “regular” citizens should be allowed to carry guns into public or government buildings.

Results—Americans feel less safe rather than more safe as more people in their community begin to carry guns. By margins of at least nine to one, Americans do not believe that “regular” citizens should be allowed to bring their guns into restaurants, college campuses, sports stadiums, bars, hospitals, or government buildings.

Conclusions—The public believes that increased gun carrying by others reduces rather than increases their safety. Overwhelmingly, the public believes that in many venues gun carrying should be prohibited.

Keywords: firearms; gun carrying; attitudes; surveys

The United States has the highest rates of gun ownership in the developed world,1 and also the highest rates of gun homicide. Most homicide victims are killed by firearms.2

In response to the threat of violence, many Americans carry firearms for protection. In one national survey, 7.5% of the adult population reported carrying a gun for protection at least once in the past 12 months, one third of whom carried the gun on their person.3 Adolescents, adults, and criminals all report that a primary reason for carrying firearms is self protection.4–7

In recent years, many states have been making it easier for residents to legally carry a concealed firearm. Between 1985 and 1996, 28 states significantly eased restrictions on concealed gun carrying. As of 2000, seven states effectively prohibit concealed gun carrying, 12 “may issue” states allow police to use discretion in granting permits to carry a concealed firearm, 30 “shall issue” states require licensing authorities to issue a permit to carry a concealed firearm to any applicant who meets minimum criteria for carrying (for example, is over 21 years old, has not been convicted of a felony), and one (Vermont) does not require a permit to carry a concealed firearm.

The “shall issue” gun carrying laws are usually quite permissive. For example, in 2000, 22 states allowed gun owners to carry concealed weapons even into places of worship.9 However, each church typically has the power to post signs limiting carrying within its boundaries.

Various studies have attempted to determine the effects of gun carrying laws on crime and violence, but with conflicting results.9–13 This report does not examine the actual effect of gun carrying laws on crime and violence, but instead focuses on public attitudes about gun carrying, using data from two national surveys.

Methods

Data come from two national random digit dial surveys conducted by Fact Finders, Inc of Del Mar, New York for the Harvard Injury Control Research Center in the spring of 1996 and the spring of 1999. The samples comprise, respectively, 1905 and 2521 adults living in the 50 US states.

Samples were stratified by state (proportional to population size according to the 1990 census). All households with a single telephone line, including those with unlisted numbers, had an equal probability of inclusion. Households without a telephone were excluded.

The surveys were designed to be representative of households and only one adult from each household was interviewed. Rather than interview whichever adult who happened to be home at the time of the call, interviewers alternately asked to speak with a man or with a woman living in the household. If there was no adult of the requested gender, the initial respondent was interviewed.

Once a telephone number was randomly selected, as many as 10 repeat phone calls were made until a final disposition was reached. In 1996, 27% of contacted households refused to participate; in 1999, 35% refused. Both surveys had a greater than 98% completion rate, comparable to other recent national firearm surveys.14 15

The key question in the 1996 survey asked: “Some states have recently changed their laws concerning gun carrying. If more people in your community begin to carry guns, will that make you feel more safe, the same, or less safe?”

The key questions on the 1999 survey asked, “Do you think regular citizens should be allowed to bring their guns into (a) restaurants, (b) college campuses, (c) sports stadium, (d)
Table 1. "If more people in your community begin to carry guns, would that make you feel more safe, less safe or the same? (1 = more safe or same)

<table>
<thead>
<tr>
<th>Category</th>
<th>% Feel more safe</th>
<th>% Feel less safe</th>
<th>Adjusted odds ratio</th>
<th>Multivariate analysis 95% confidence interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>1905</td>
<td>12</td>
<td>24</td>
<td>59</td>
</tr>
<tr>
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<td></td>
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<tr>
<td>Male</td>
<td>759</td>
<td>19***</td>
<td>29</td>
<td>52</td>
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<td>Female</td>
<td>1030</td>
<td>7</td>
<td>23</td>
<td>70</td>
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<tr>
<td>Race</td>
<td></td>
<td></td>
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<tr>
<td>White</td>
<td>1446</td>
<td>13***</td>
<td>27</td>
<td>60</td>
</tr>
<tr>
<td>Other</td>
<td>318</td>
<td>10</td>
<td>18</td>
<td>72</td>
</tr>
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<td>Age</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>&gt;40</td>
<td>1021</td>
<td>14*</td>
<td>25</td>
<td>61</td>
</tr>
<tr>
<td>&lt;40</td>
<td>757</td>
<td>11</td>
<td>26</td>
<td>63</td>
</tr>
<tr>
<td>Income</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt;$35 000</td>
<td>893</td>
<td>12</td>
<td>26</td>
<td>62</td>
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<tr>
<td>&lt;$35 000</td>
<td>684</td>
<td>12</td>
<td>23</td>
<td>65</td>
</tr>
<tr>
<td>Missing</td>
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<td>17</td>
<td>29</td>
<td>55</td>
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<td>20</td>
<td>70</td>
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<td>12</td>
<td>24</td>
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<td>547</td>
<td>15</td>
<td>33</td>
<td>53</td>
</tr>
<tr>
<td>Children &lt;18 years old</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Yes</td>
<td>760</td>
<td>10***</td>
<td>25</td>
<td>65</td>
</tr>
<tr>
<td>No</td>
<td>1025</td>
<td>14</td>
<td>26</td>
<td>60</td>
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<tr>
<td>Gun owner</td>
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<td></td>
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<tr>
<td>Yes</td>
<td>439</td>
<td>30***</td>
<td>38</td>
<td>33</td>
</tr>
<tr>
<td>No but gun in household</td>
<td>290</td>
<td>6***</td>
<td>32</td>
<td>63</td>
</tr>
<tr>
<td>No gun in household</td>
<td>1057</td>
<td>7</td>
<td>19</td>
<td>75</td>
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<tr>
<td>Carried gun</td>
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<td>Yes</td>
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<td>44***</td>
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<tr>
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<td>11</td>
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<td>74</td>
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<tr>
<td>Region</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South</td>
<td>636</td>
<td>15*</td>
<td>25</td>
<td>59</td>
</tr>
<tr>
<td>Other</td>
<td>1153</td>
<td>11</td>
<td>25</td>
<td>64</td>
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<tr>
<td>Neighborhood safety</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very/somewhat safe</td>
<td>1502</td>
<td>12*</td>
<td>26</td>
<td>62</td>
</tr>
<tr>
<td>Somewhat/very unsafe</td>
<td>253</td>
<td>17</td>
<td>19</td>
<td>64</td>
</tr>
<tr>
<td>Confidence in police</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Feel confident</td>
<td>1373</td>
<td>11***</td>
<td>27</td>
<td>62</td>
</tr>
<tr>
<td>Do not feel confident</td>
<td>341</td>
<td>19</td>
<td>20</td>
<td>61</td>
</tr>
</tbody>
</table>

*p<0.05; **p<0.01; ***p<0.001.


In the 1999 survey, an overwhelming majority said “No,” they did not think regular citizens should be allowed to bring their guns into restaurants (88%), college campuses (94%), sports stadiums (94%), bars (93%), hospitals (91%), or government buildings (92%). Ten percent or fewer of respondents said “Yes” to any of the locations (table 2). For all independent variables a majority of respondents did not think regular citizens should be allowed to bring their guns into the six listed venues. For example, 96% of women, compared with 80% of men, and 95% of non-gun owners compared to 74% of gun owners, believed that guns should not be brought into restaurants (not shown).

Discussion

We find that most Americans believe they would feel less safe as more people in their community carry firearms. Our results are similar to other survey results that find that Americans are more likely to feel less safe rather than more safe if more people in their community acquire firearms.16 17

Our results are also consistent with previous polls that find that the large majority of Americans are not favorably disposed to civilian gun carrying. For example, a 1991 CBS News/New York Times national telephone poll of 1430 adults asked “Do you think that when ordinary people carry weapons like guns or knives or mace they make the streets safer, or do you

Source: 1999 national random digit dial survey of 2521 adults conducted by Fact Finder, Inc for the Harvard Injury Control Research Center. Altogether 1500 adults were asked about the first three locations, and 1021 adults about the last three locations.
think carrying weapons creates more problems than it solves?" Sixty-nine percent answered "more problems," 15% said "safer," and 16% said either "don't know" or did not answer.

Each year from 1996 to 1999 the National Opinion Research Center (NORC) asked a national sample of 1200 adults, "Do laws allowing any adult to carry a concealed gun in public provided that they pass a criminal background check and gun safety course make you feel more safe or less safe?" In 1996, the year of our survey, 56% replied less safe, compared with 36% who said more safe. Since then the percentages have gone up and down. The NORC surveys also asked "Most states require a special license to allow people to carry a concealed firearm. Should licenses to carry concealed firearms be issued to any adult who has passed a criminal background check and a gun safety course, or only to people with a special need to carry a concealed gun, such as private detectives?" Each year 54%–60% wanted to restrict the licenses to people with a special need to carry; about 40% preferred the other extreme—permissive "shall issue" laws, which require licensing authorities to issue permits to any applicant who meets specified criteria (for example, is not a convicted felon).28

An April 1999 NBC News/Wall Street Journal poll of over 1000 adults nationwide asked "Do you approve or disapprove of the idea of passing new laws to make it easier for people to carry concealed weapons?" Seventy-three percent disapproved, while 22% approved.

Voting results appear consistent with the survey findings. In April 1999, Missouri held the first state referendum on gun carrying. (Missouri had initially banned the carrying of concealed weapons in 1875 when Jesse James was still at large.) Although the gun lobby spent some $38 million on the campaign, an amount far greater than their opponents, the measure went down to defeat. Pre-election polling found that women were even more opposed than men to the permissive gun carrying proposal.29

Gun carrying is often opposed for specific sites. In the 1999 NORC survey, 76% of respondents believed that "public places, such as stores, movie theaters, and restaurants" should be allowed to prohibit people from bringing guns onto their premises.30 During the 1999 Missouri referendum, professional sports teams, fearing for the safety of players, fans, and referees, strongly opposed the relaxation of the gun carrying laws in their state. Union chiefs for baseball and football players were similarly opposed. Don Fehr, executive director of the baseball players association, wrote in a letter to baseball commissioner Bud Selig that the proposition was "one of the most dangerous ideas we have had to confront".31

Colleges often have strict regulations concerning guns. In 1994, the Association for Student Judicial Affairs unanimously adopted a resolution urging colleges to support tough rules to keep guns off campuses.32 The Mormon church, although based in Utah, where most households own guns, says that guns, even legally concealed firearms, do not belong in houses of worship.33

Permissive gun carrying laws have potential advantages. If carrying guns became more prevalent, more crimes might be thwarted and others not even attempted. On the other hand, permissive gun carrying laws may cause problems. Increased civilian gun carrying may cause some criminals to arm themselves, or to resort to violence more quickly when dealing with their victims. Moreover, increases in permitted gun carrying may make it more difficult for police to prevent illegal gun carrying.34 Guns can make arguments more lethal. People who are tired, angry, drunk, or afraid, and who are not trained in dispute resolution, may use guns inappropriately. Police officers, who receive large amounts of training, still are often inadequately prepared to handle ambiguous but potentially dangerous situations. Heavy stress, confusion, and fear are inherent in most possible shooting situations. Heart rates skyrocket, and it is difficult to think clearly and to act deliberately. Even police officers make serious mistakes. Not surprisingly, evidence indicates that much self-described self defense gun use by regular citizens in America may be illegal and socially undesirable.14–20

Our study focuses on people's beliefs and attitudes concerning gun carrying. A limitation of our study is that respondents were asked only a hypothetical question about their feelings of safety as more people begin to carry guns, and whether they believe "regular" citizens should be allowed to carry in six specific locations. We do not know why respondents said they would feel safer or less safe, nor why they do not believe "regular" Americans should be carrying guns into restaurants, bars, etc. Nor do we know how strongly respondents hold their opinions. As with all telephone surveys, ours is subject to sampling error (3% for each question due to chance alone when n=1000; under 2% when n=2500), and to systematic error such as under-representing individuals who are institutionalized (for example, criminals) or without telephones (for example, people who are poor).35 Finally, self report data are subject to potential inaccuracies due to social desirability responses, intentional distortions, or non-candid responses.36 None the less, the size of the differences in our study suggest that eliminating all potential survey problems would not change our general results.

Implications for prevention

In the past 15 years, many state legislatures have made gun carrying laws more permissive, taking discretion as to who should be granted a gun carrying license away from the police. While people carry guns for safety reasons, our results indicate that most Americans believe that increased gun carrying by others makes them less safe rather than more safe and that concealed firearms should not be allowed into a large number of public venues. These
findings suggest that existing legislation regarding gun carrying may not adequately take into account the feelings and preferences of the large majority of United States adults and that, at least on these grounds, such legislation should be revisited.

2 National Center for Health Statistics. US Department of Health and Human Services (http://www.cdc.gov/nccc/p/)
8 National Rifle Association-ILA Research and Information-state laws (http://www.nraila.org) (summarized in Reuters, 4/14/00. Senate Democrats push “safe havens” from guns).
22 Harrie D. LDS leaders toughen stand against guns. Salt Lake City Tribune 16 May 1999.

Youth poisoned by cooking product

Alcohol based food essences, available to minors in unlicensed supermarkets, have been implicated in the death of a 15 year old Australian youth. A coronial hearing has been told that 20 partygoers, or standing in the road to get better aim seemed to be the prime reasons. Slippery roads tent around 70% can only be sold in limited sizes; the size limits are 100 ml for vanilla essence set out under the Liquor Control Act. Under these controls food essences with alcohol content under 30 minutes. These essences, in 375 ml bottles, have an alcohol content of 70% and do not carry warnings. Three bottles were purchased by the mother of a boy who attended the party, at her son’s request; she was latter convicted of supplying alcohol to minors and fined $Aus100 ($52 US). Since 1999 conditions for sale of alcohol based food essences have been set out under the Liquor Control Act. Under these conditions food essences with alcohol content around 70% can only be sold in limited sizes; the size limits are 100 ml for vanilla essence and 50 ml for other essences. Above this size the products must be sold in licensed premises. (From The Age, 20 June 2001; Herald-Sun 19 June 2001. Contributed by Ian Scott)

Conker tree hazards

In June, Britain’s Daily Telegraph newspaper (and subsequently many others) reported that 20 horse chestnut trees in Norwich were to be felled. Safety was at the heart of this heartfelt decision—children being hit by the sticks that they throw into the trees to release the conkers, or standing in the road to get better aim seemed to be the prime reasons. Slippery roads from squashed conkers and dented cars also got the blame. Now the city council have decided that sense will prevail and that the press had blown matters up out of all proportion. Only two trees will become firewood, after all.
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