



Facial Recognition and Drivers' Licenses Should the DMV Share Your Photo?

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Law enforcement agencies are increasingly using facial recognition technology to scan a database of photos maintained by Federal Bureau of Investigations (FBI). Currently 21 states, though not New Hampshire, share Department of Motor Vehicles (DMV) data with the FBI in support of its effort to build a massive database of over 400 million photos to which it applies facial recognition technology. Between May 2017 and April 2019, the FBI's Criminal Justice Information Services Division received 152,565 facial recognition search requests from law enforcement agencies.¹ Moreover, U.S. Immigration and Customs Enforcement has combed DMV databases with facial recognition technology to identify undocumented immigrants.²

We wanted to know how New Hampshire residents would feel about having their driver's license photos shared with the FBI and whether certain reasons to share photos would be more convincing than others. In our polling, we used language from the typical agreement that the 21 states have with the FBI to describe three reasons to share driver's license photos:

1. To "advance active FBI investigations."
2. To "apprehend wanted fugitives and known or suspected terrorists."
3. To "locate missing persons nationwide."

We also looked at how political affiliation, gender, and region of residence within the state affected the results.

Methodology

The findings presented here are based on a Granite State Poll, conducted by the University of New Hampshire Survey Center, between January 31 and February 8, 2017. Five hundred and five randomly selected New Hampshire adults were interviewed by live interviewers in English on landline and cellular telephone.

KEY FINDINGS



About 70 percent of Granite Staters support the state DMV sharing photos with the FBI for inclusion in the national facial recognition database.

60%

Trump voters show the strongest support, but over 60 percent of Clinton voters and nonvoters would also support the practice.



Women more strongly support the sharing of DMV photos than do men.



Support in the Manchester and Seacoast areas is less than in other areas of the state but still exceeds 60 percent.

We used a split-ballot survey experiment in which respondents were randomized into three groups. We posed separate questions to each of the three groups to determine whether sharing of photos is more acceptable to the public based on the articulated reasons in the agreements. Respondents were asked to indicate whether they agreed or disagreed with the following statements:

- "Following the example of 18 other states, the Department of Motor Vehicles in New Hampshire should share their drivers' license photos with the FBI Facial Analysis, Comparison, and Evaluation Services Unit to advance active FBI Investigations."
- "Following the example of 18 other states, the Department of Motor Vehicles in New Hampshire should share their drivers' license photos with the FBI Facial Analysis, Comparison, and Evaluation Services Unit to advance active FBI Investigations about known or suspected terrorists."

- “Following the example of 18 other states, the Department of Motor Vehicles in New Hampshire should share their drivers’ license photos with the FBI Facial Analysis, Comparison, and Evaluation Services Unit to advance active FBI Investigations to apprehend wanted fugitives, and locate missing persons nationwide.”

Majority Support Sharing Photos

Figure 1 shows that for each of the mentioned reasons, about 70 percent of Granite Staters are in favor of sharing data, regardless of the reason. There were no significant differences in support, even if terrorism or specific cases like fugitives and missing persons were mentioned.³

FIGURE 1. PERCENT OF RESPONDENTS WHO SUPPORT THE DMV SHARING PHOTOS WITH THE FBI, FOR SPECIFIED REASONS



Source: Granite State Poll, February 2017.

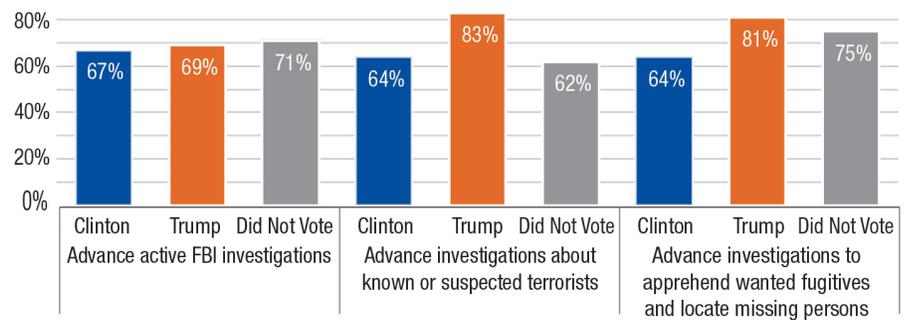
Differences by Voting Behavior

Large majorities of both Trump and Clinton voters as well as nonvoters support sharing data, although Trump voters are generally more supportive (Figure 2), particularly when it comes to sharing data to capture potential terrorists. Trump voters overwhelmingly supported this rationale at 83 percent, compared to 62 percent of nonvoters and 64 percent of Clinton voters. We saw similar differences between Trump and Clinton voters when asked if they would support sharing data for purposes of apprehending wanted fugitives and locating missing persons.

Differences by Gender

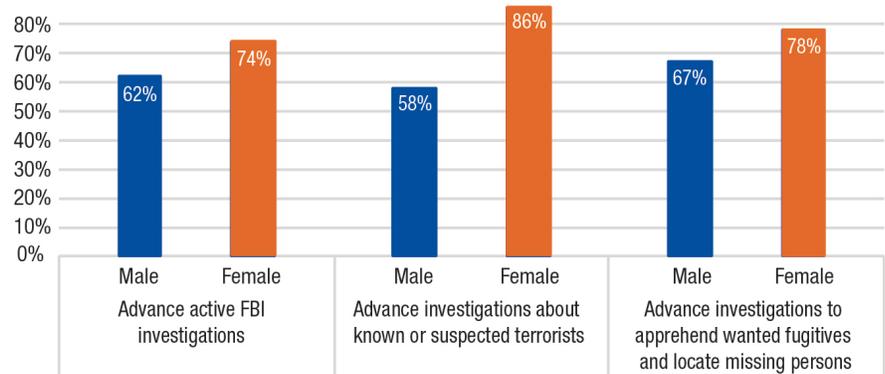
Gender is a strong predictor of support for the use of facial recognition data. Women are more supportive than men, with rates exceeding men’s by 17 percentage points on average (Figure 3). Women are especially convinced by the terrorism argument, with 86 percent expressing support for data sharing in cases of investigating known or suspected terrorists. Only 58 percent of men felt similarly.

FIGURE 2. PERCENT OF RESPONDENTS THAT SUPPORT SHARING DATA BASED ON VOTING BEHAVIOR



Note: The Clinton column also includes a small number of Johnson and Stein voters, both of whom align on this issue with Democrats. Source: Granite State Poll, February 2017.

FIGURE 3. PERCENT OF RESPONDENTS THAT SUPPORT SHARING DATA, BY GENDER



Source: Granite State Poll, February 2017.

Differences by New Hampshire Region

We wanted to examine how two of the major population centers—the Manchester area and the Seacoast⁴—compared to the remainder of the state (Figure 4). On average, Manchester and the Seacoast are less supportive of picture sharing for facial recognition by an average of 8 percentage points across the different rationales. Politically, both areas lean slightly left of center, which might explain the results, and the results might also indicate concerns that have been resonating in larger city centers across the United States about the use of the technology.

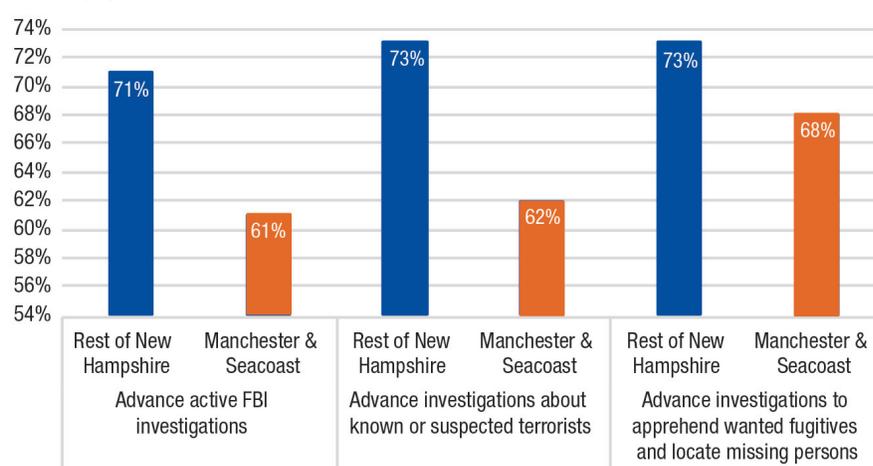
Stepping Into the Unknown Territory of Facial Recognition Technology

The implications of the use of facial recognition technology are vast, and but they have yet to receive the attention needed by policymakers.

In a July 2018 blog post titled “Facial Recognition Technology: The Need for Public Regulation and Corporate Responsibility,” Brad Smith, president of Microsoft Corporation, noted the positive aspects of facial recognition, such as allowing the capture of a terrorist before he or she acts, but also shared his concerns. He wrote:

[I]magine a government tracking everywhere you walked over the past month without your permission or knowledge. Imagine a database of everyone who attended a political rally that constitutes the very essence of free speech. Imagine the stores of a shopping mall using facial recognition to share information with each

FIGURE 4. PERCENT OF RESPONDENTS THAT SUPPORT SHARING DATA, BY REGION



Source: Granite State Poll, February 2017.

other about each shelf that you browse and product you buy, without asking you first. This has long been the stuff of science fiction and popular movies—like “Minority Report,” “Enemy of the State,” and even “1984”—but now it’s on the verge of becoming possible.

The *New York Times* recently reported that the Chinese government is using a massive facial recognition platform to “track and control the Uighurs,” a Muslim minority.⁵

New Hampshire is one of the few states comprehensively addressing the collection of biometric data. In most instances, the state is prohibited from collecting and storing this information, and it has banned the use of facial recognition technology through the use of body-worn cameras. The state prohibits the sharing of driver’s license data, including facial images, with the federal government “for the purpose of creating or enhancing a federal identification database.”⁶

However, the legislature is currently considering how commercial entities may use facial recognition technology.

A discussion among law enforcement, policymakers, and the public seems imperative as the use of facial recognition technology continues to expand.

Endnotes

1. The Use of Facial Recognition Technology by Government Entities and the Need for Oversight of Government Use of This Technology upon Civilians: Hearings before the Committee on Oversight and Reform, U.S. House of Representatives, 116th Cong. 3 (2019) (Testimony of Kimberly Del Greco).
2. Catie Edmonson, “ICE Used Facial Recognition to Mine State Driver’s License Databases,” *New York Times*, July 7, 2019.
3. All data comparisons in this brief but one are statistically significant at p-values .05 or lower. The exception was in comparing “who one voted for” and his or her willingness to share data to “advance active FBI investigations.” This one data comparison approached significance at the .09 level but was not significant.
4. Manchester Region includes Allenstown, Auburn, Bedford, Bennington, Candia, Chester, Deering, Francestown, Fremont, Goffstown, Greenfield, Hillsborough, Hooksett, Lyndeborough, Manchester, Mont Vernon, New Boston, Raymond, Weare, and Windsor. Seacoast Region includes Barrington, Dover, Durham, Epping, Exeter, Greenland, Hampton, Hampton Falls, Lee, Madbury, New Castle, Newfields, Newington, Newmarket, North Hampton, Nottingham, Portsmouth, Rochester, Rollinsford, Rye, Seabrook, Somersworth, and Stratham.
5. Paul Mozur, “One Month, 500,000 Face Scans: How China Is Using A.I. to Profile a Minority,” *New York Times*, April 15, 2019.
6. NH Rev Stat § 260:14 (2015).

About the Authors

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