Detroit Police Department

Annual Report on Facial Recognition, 2020

Produced on: 1/27/2021

Pursuant to Detroit Police Department Directive 307.5-6.3, this report provides information on the number of facial recognition requests that DPD fulfilled, the crimes that the facial recognition searches were attempting to solve, the resulting number of possible matches, the demographics of probe photos, and the status of related cases. This report includes all searches conducted using facial recognition technology for requests made from January 1, 2020 through December 31, 2020.

Searches Conducted Using Facial Recognition Technology	Cases Connected to Facial Recognition Searches	Arrests in Cases Where a Possible Match was Found
129	**117**	**82**

Figure 1 indicates the number of cases for each crime category that DPD investigated using facial recognition.

Figure 1: Count of Crimes

- Aggravated Assault: 56.1%
- Robbery: 29.8%
- Murder: 10.5%
- CSC: 1.8%
- Home Invasion 1: 0.9%
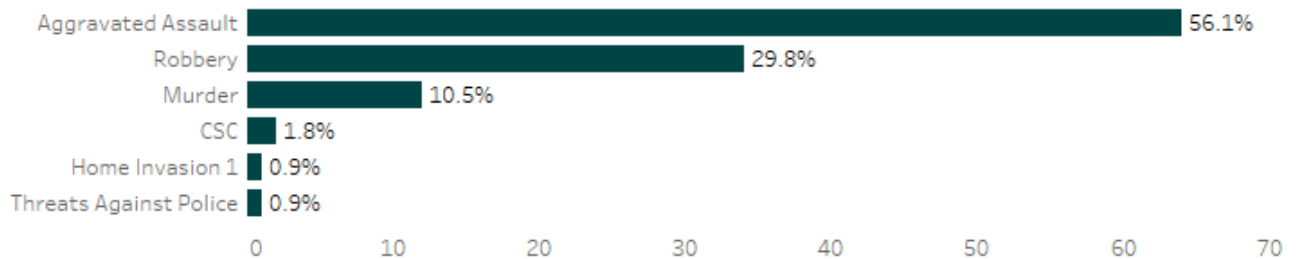- Threats Against Police: 0.9%

Figure 2 indicates the number of possible matches resulting from facial recognition investigations.

- **84** resulted in possible matches and a lead was sent to investigators.
- **45** resulted in no match and a lead was not sent to investigators.
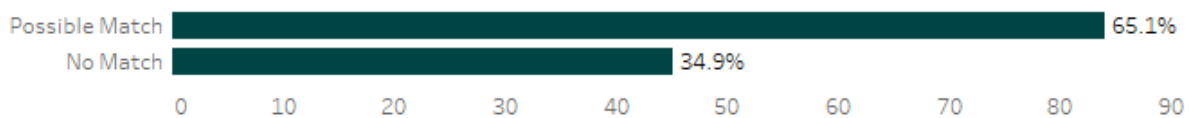

Figure 2: Count of Leads

- Possible Match: 65.1%
- No Match: 34.9%

Figure 3 presents the demographics of probe photos used in facial recognition investigations.
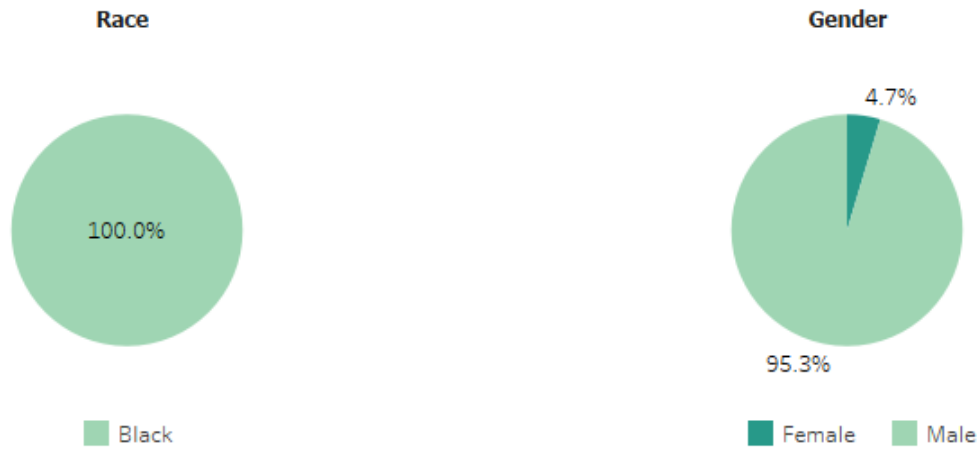

Figure 3: Demographics of Probe Photos

Figure 4 shows the status of cases connected to searches using facial recognition technology as of January 27, 2021.
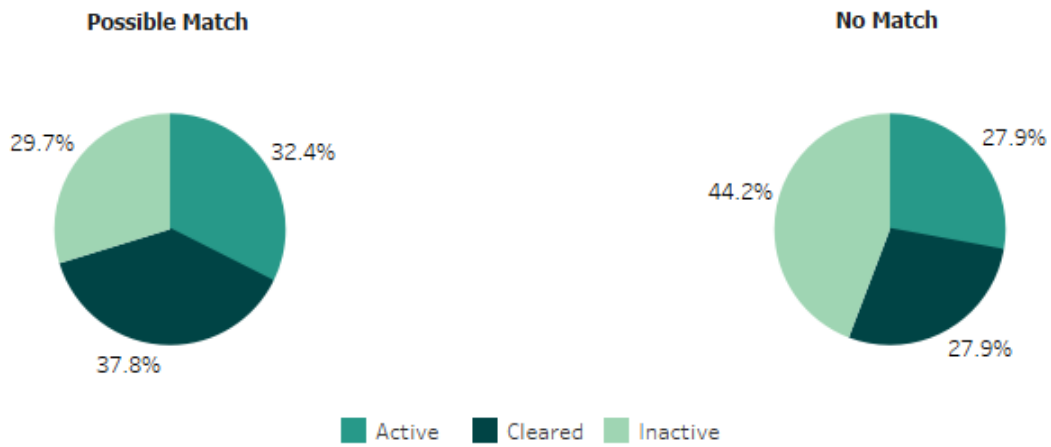

Figure 4: Case Status

Figure 5 shows cases—with and without arrests—connected to searches using facial recognition technology as of January 27, 2021.

Figure 5: Arrests

Possible Match

47.3%

52.7%

No Match

37.2%

62.8%

■ Arrest(s) ■ No Arrest