**Opioid Positivity**

Between January and March 2019, there were a total of 20,014 cases positive for one or more opioids that are part of routine testing. Fentanyl accounted for the highest positivity with 4,353 positive cases followed by heroin with 1,621 and morphine with 1,666.

**Heroin Positivity**

93% of cases were death investigation; 4% were law enforcement.

**Fentanyl Positivity**

82% of cases were death investigation; 14% were law enforcement.

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Novel Opioid Positivity

Between January and March 2019, there were a total of 221 cases positive for one or more novel opioid. Para-fluoroisobutyrylfentanyl (p-FIBF) accounted for the highest positivity with 74 cases followed by valerylfentanyl with 44 cases and carfentanil with 23 cases.

Demographics for Top Three Novel Opioids

- **p-FIBF**
  - **Demographics (n=74)**
  - **Sex**
    - Male: 19
    - Female: 50
    - Unknown: 5
  - **Age**
    - Average: 37 (±10)
    - Median: 40
    - Range: 17-56

- **Valerylfentanyl**
  - **Demographics (n=44)**
  - **Sex**
    - Male: 27
    - Female: 12
    - Unknown: 5
  - **Age**
    - Average: 41 (±13)
    - Median: 40
    - Range: 21-68

- **Carfentanil**
  - **Demographics (n=23)**
  - **Sex**
    - Male: 14
    - Female: 7
    - Unknown: 2
  - **Age**
    - Average: 36 (±11)
    - Median: 40
    - Range: 19-54

87% of cases were death investigation cases; 8% were law enforcement; 3% were hospital.

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