### City & County of San Francisco

London N. Breed, Mayor



#### Office of the City Administrator

Carmen Chu, City Administrator Christopher Liverman, Chief Medical Examiner Office of the Chief Medical Examiner

October 15, 2021

The Honorable London N. Breed, Mayor City and County of San Francisco

The Honorable Shamann Walton, President Board of Supervisors

Grant Colfax, M.D., Director Department of Public Health

**Subject: Report on Accidental Overdose Deaths** 

Dear Mayor Breed, President Walton, and Director Colfax:

The enclosed report includes preliminary data of accidental overdose deaths in the City and County of San Francisco from the recent four months of June 1, 2021, to September 30, 2021. This report satisfies the ordinance's reporting criteria. For your reference, reports of preliminary data of accidental overdose deaths from January 1, 2020, to September 30, 2021, are enclosed. The preliminary number of accidental overdose deaths in September 2021 is 58.

The reports are published by the Office of the Chief Medical Examiner (OCME), Forensic Laboratory Division, to comply with local and state reporting guidelines and further OCME's mission to provide neutral data to inform policymakers. Please note, these results are preliminary as of testing to October 13, 2021, and are subject to change as the OCME finalizes the manner and cause of each death. These reports are not intended to replace other death statistics within the City that rely on finalized death certificates.

Pertinent for accurate use of these reports is understanding the source of the data and its subsequent summarization process. Decedent demographic and case information were obtained from the OCME case management system. Additionally, specific details from investigator narratives, forensic toxicology results, and where available, preliminary autopsy findings, were utilized. Collected demographic information included race, gender, age, fixed address status, and locations of residence and death.

Due to their significance in accidental overdose deaths, the reported drugs for open cases were specific to fentanyl, heroin, medicinal opioids, methamphetamine and cocaine. Their detection in blood was captured to best determine relevance in each case. Medicinal opioid-positive cases required the presence of codeine, hydrocodone, oxycodone, morphine, hydromorphone, oxymorphone, buprenorphine, tramadol, and/or methadone. Heroin determination was more closely evaluated, requiring the presence of specific heroin markers in blood or urine, expected morphine to codeine ratios, and/or case details consistent with heroin use. Closed casework included any drug-involved accidental overdose.

Sincerely,

Luke N. Rodda, Ph.D. MRACI CChem

Chief Forensic Toxicologist and Director, Forensic Laboratory Division

cc: Office of the City Administrator

enclosures: Preliminary Accidental Drug Overdose Data Reports for January 2021 through September 2021

Preliminary Accidental Drug Overdose Data Reports for January 2020 through December 2020

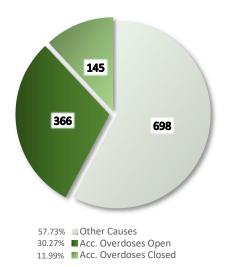
# Preliminary Accidental Drug Overdose Data Reports for January 2021 through September 2021

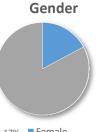


### **CITY AND COUNTY OF SAN FRANCISCO**

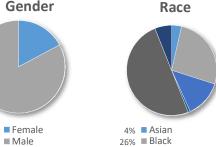
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

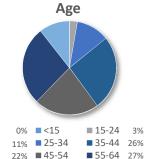
# **JAN-SEP** 2021





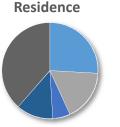
83%



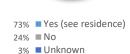


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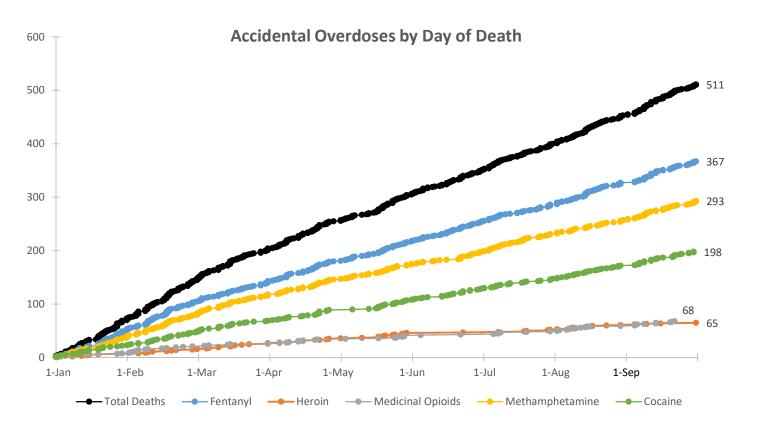




**Fixed Address** 







<sup>&</sup>quot;Acc. Overdoses Open" cases do not have a final cause and manner of death classification; "Acc. Overdoses Closed" cases have a final cause and manner of death classification. "No fixed address" denotes community members who may be experiencing homelessness.

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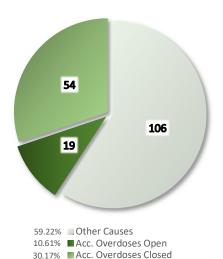
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### **CITY AND COUNTY OF SAN FRANCISCO**

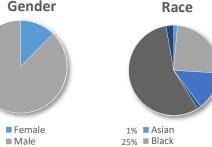
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

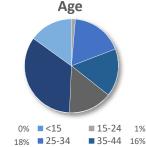
# **JANUARY** 2021





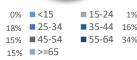
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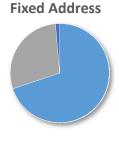


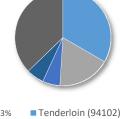




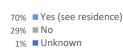
Residence

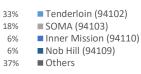


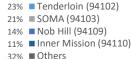


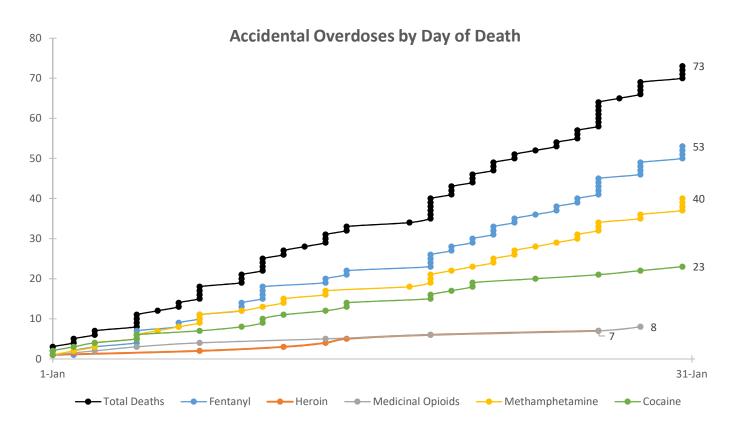












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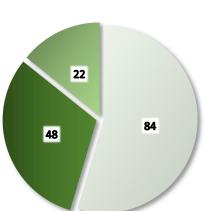
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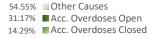


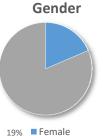
### **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **FEBRUARY** 2021

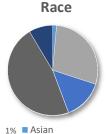






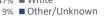


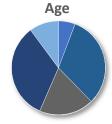
**Fixed Address** 

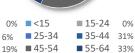




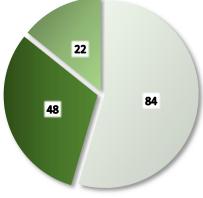


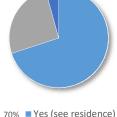


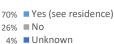


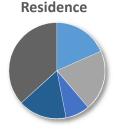


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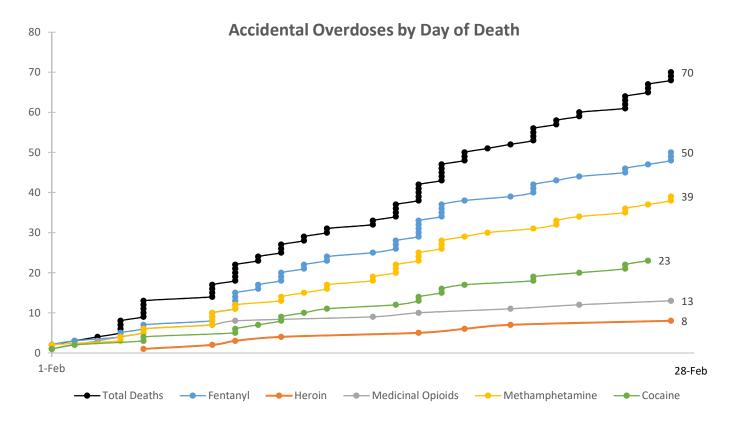


■ Others

37%







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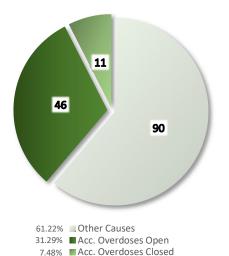
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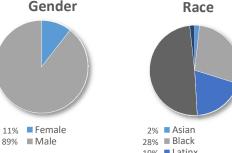
## **CITY AND COUNTY OF SAN FRANCISCO**

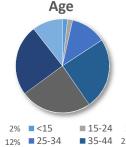
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **MARCH** 2021



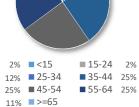


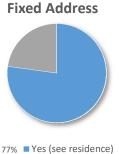






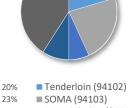
Residence





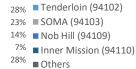
23% ■ No

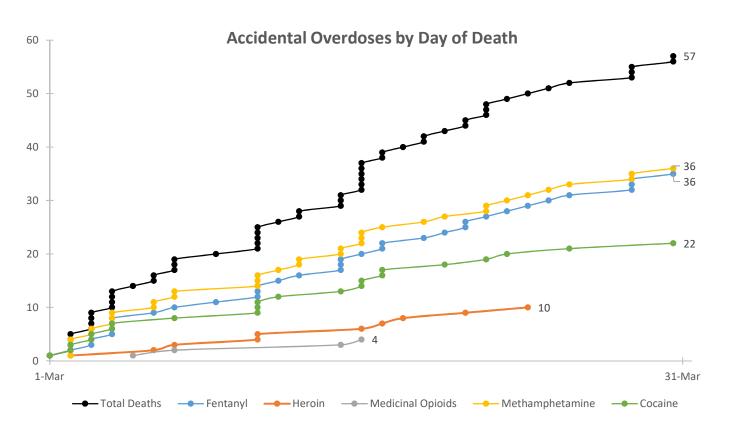
0% ■ Unknown











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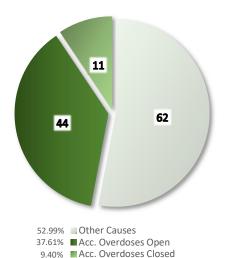
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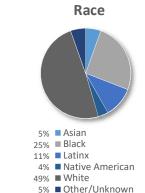
### **CITY AND COUNTY OF SAN FRANCISCO**

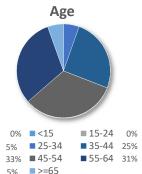
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

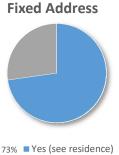
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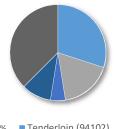






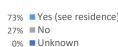






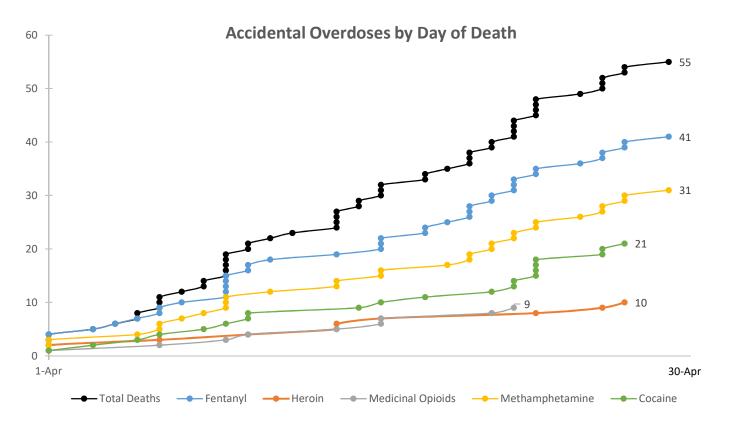
Residence











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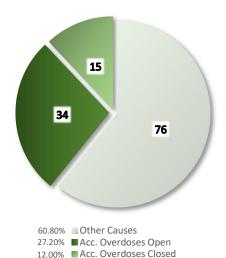
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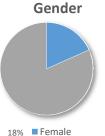


## **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **MAY** 2021

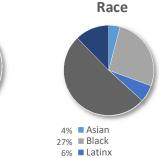


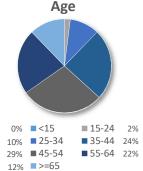


■ Male

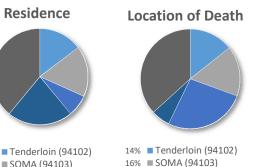
**Fixed Address** 

82%





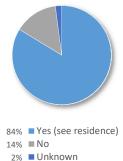


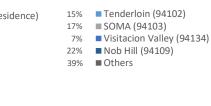


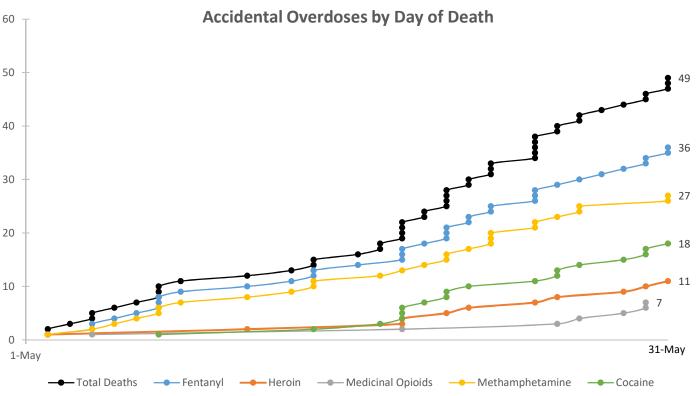
27% Nob Hill (94109)

37% ■ Others

6% ■ Visitacion Valley (94134)







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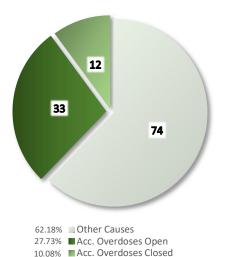
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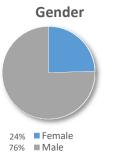


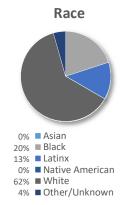
### **CITY AND COUNTY OF SAN FRANCISCO**

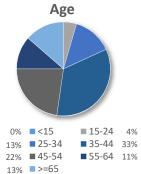
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

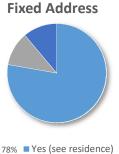
# **JUNE** 2021

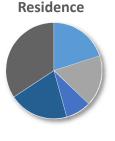










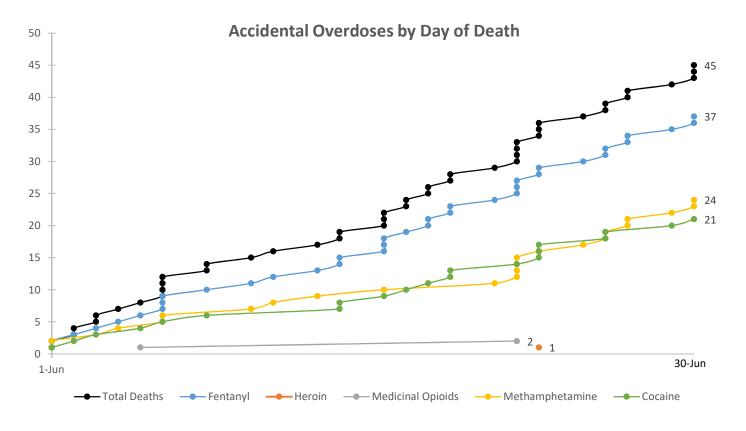












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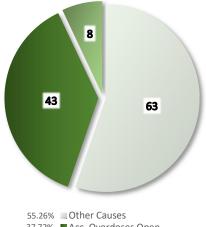
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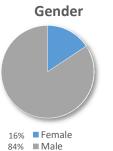


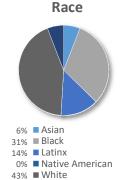
### **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **JULY** 2021

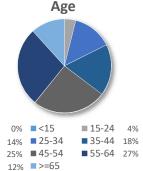






6% ■ Other/Unknown

Residence

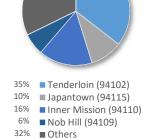


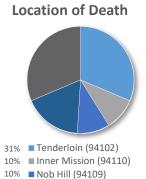


61% ■ Yes (see residence)

31% ■ No

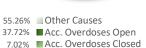
8% Unknown

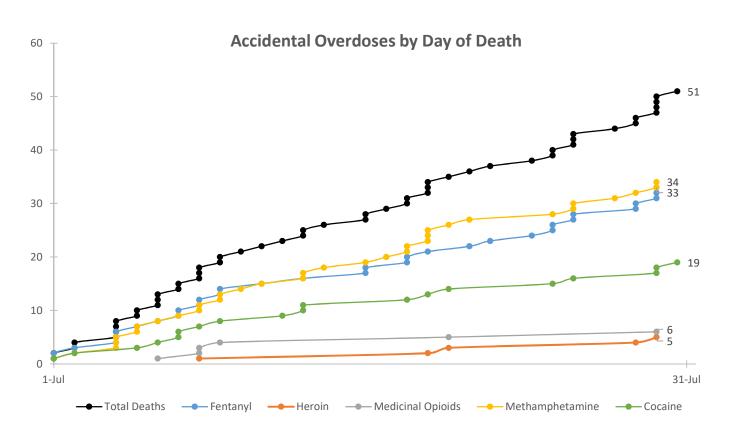




18% ■ SOMA (94103)

31% ■ Others





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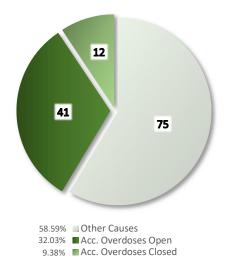
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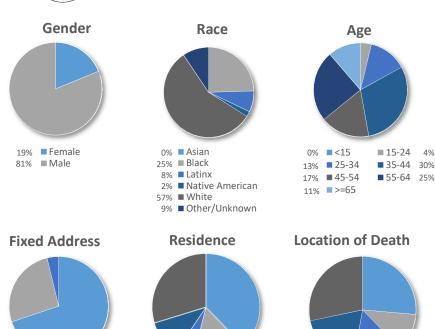


### **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# AUGUST 2021





■ Tenderloin (94102)

■ Inner Mission (94110)

■ SOMA (94103)

■ Nob Hill (94109)

16%

11%

30% ■ Others

■ Tenderloin (94102)

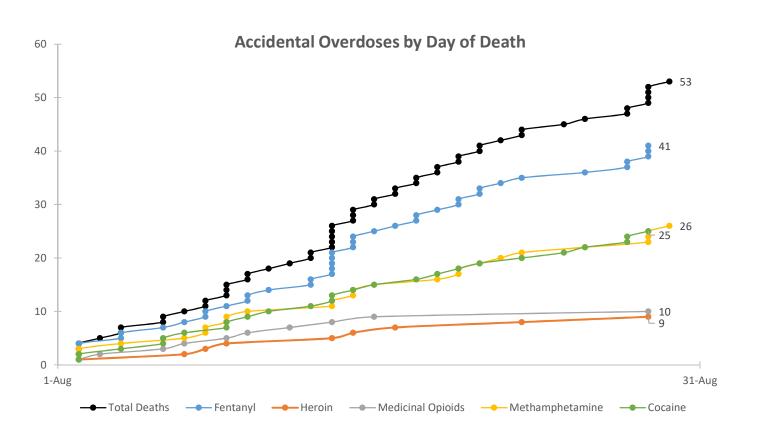
15% Nob Hill (94109)

19% ■ SOMA (94103)

28% ■ Others

■ Inner Mission (94110)

11%



70% ■ Yes (see residence)

26% ■ No

4% ■ Unknown

<sup>&</sup>quot;Acc. Overdoses Open" cases do not have a final cause and manner of death classification; "Acc. Overdoses Closed" cases have a final cause and manner of death classification. "No fixed address" denotes community members who may be experiencing homelessness.

<sup>&</sup>quot;Residence" denotes address where decedent lived; "Location of Death" denotes the location where death was declared. For "Residence" and "Location of Death", the 4 most affected neighborhoods are represented, the "Others" category refers to all other zip codes within the City and County of San Francisco and any of out county residences.
"Gender" refers to gender at time of death.

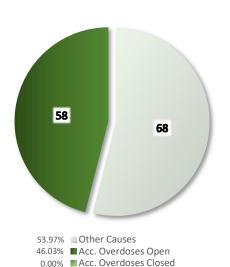
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

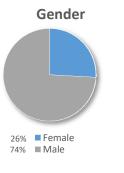


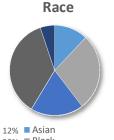
### **CITY AND COUNTY OF SAN FRANCISCO**

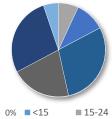
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **SEPTEMBER** 2021





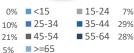




Age

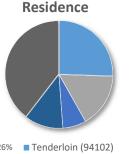


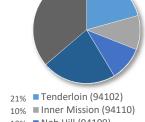
36% ■ White 5% ■ Other/Unknown



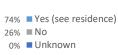




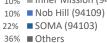


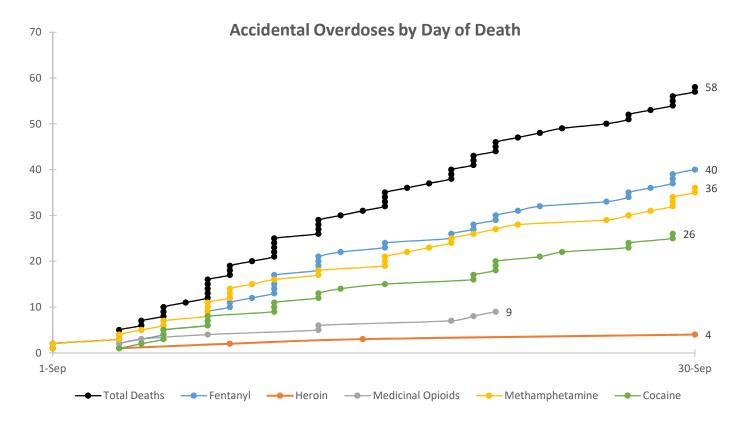


**Location of Death** 









<sup>&</sup>quot;Acc. Overdoses Open" cases do not have a final cause and manner of death classification; "Acc. Overdoses Closed" cases have a final cause and manner of death classification. "No fixed address" denotes community members who may be experiencing homelessness.

<sup>&</sup>quot;Residence" denotes address where decedent lived; "Location of Death" denotes the location where death was declared. For "Residence" and "Location of Death", the 4 most affected neighborhoods are represented, the "Others" category refers to all other zip codes within the City and County of San Francisco and any of out county residences. "Gender" refers to gender at time of death.

<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

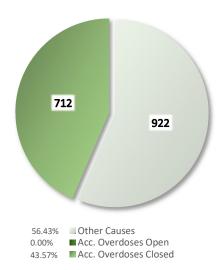
# Preliminary Accidental Drug Overdose Data Reports for January 2020 through December 2020

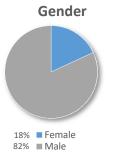


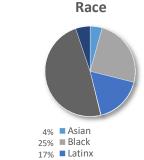
### **CITY AND COUNTY OF SAN FRANCISCO**

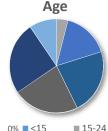
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **JAN-DEC** 2020











Residence

5% ■ Other/Unknown

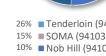
**■ 15-24** 4% 16% 25-34 **■** 35-44 22% 23% 45-54 **■** 55-64 25% 9% ■>=65



71% Yes (see residence)

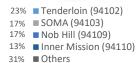
■ Unknown

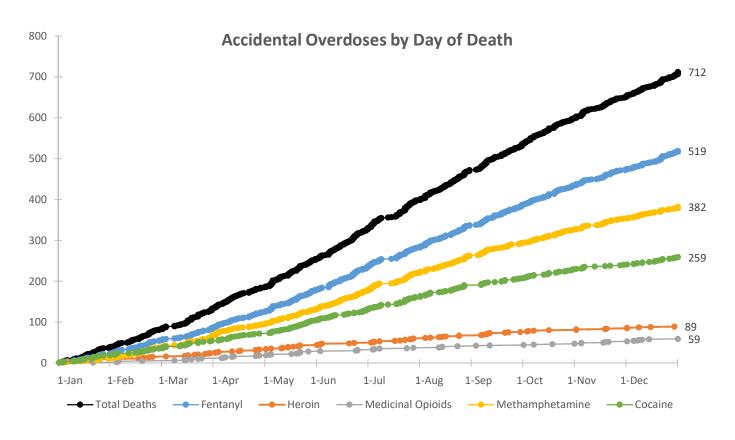
27% ■ No











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<sup>&</sup>quot;Residence" denotes address where decedent lived; "Location of Death" denotes the location where death was declared. For "Residence" and "Location of Death", the 4 most affected neighborhoods are represented, the "Others" category refers to all other zip codes within the City and County of San Francisco and any of out county residences. "Gender" refers to gender at time of death.

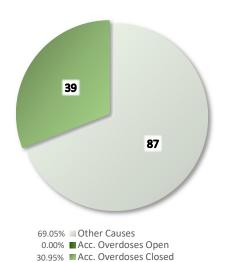
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

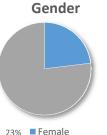


### **CITY AND COUNTY OF SAN FRANCISCO**

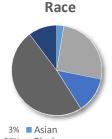
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **JANUARY** 2020







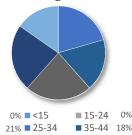








Residence

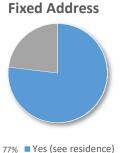


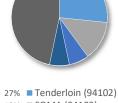
Age

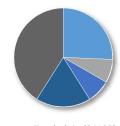




**Location of Death** 





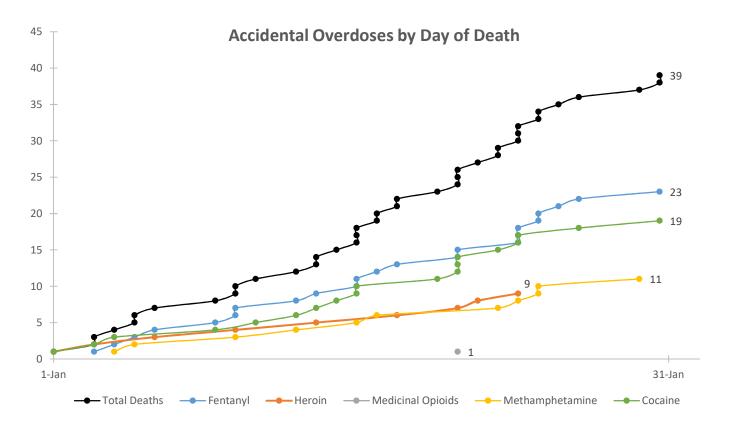




0% ■ Unknown







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<sup>&</sup>quot;Residence" denotes address where decedent lived; "Location of Death" denotes the location where death was declared. For "Residence" and "Location of Death", the 4 most affected neighborhoods are represented, the "Others" category refers to all other zip codes within the City and County of San Francisco and any of out county residences. "Gender" refers to gender at time of death.

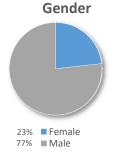
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

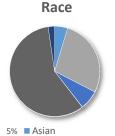


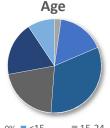
### **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **FEBRUARY** 2020





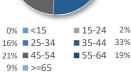


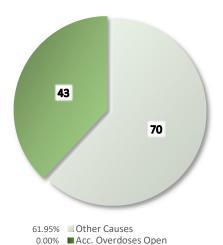


0% ■ Native American

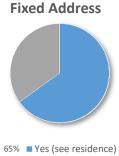
58% ■ White 2% ■ Other/Unknown

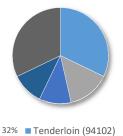
Residence





38.05% ■ Acc. Overdoses Closed



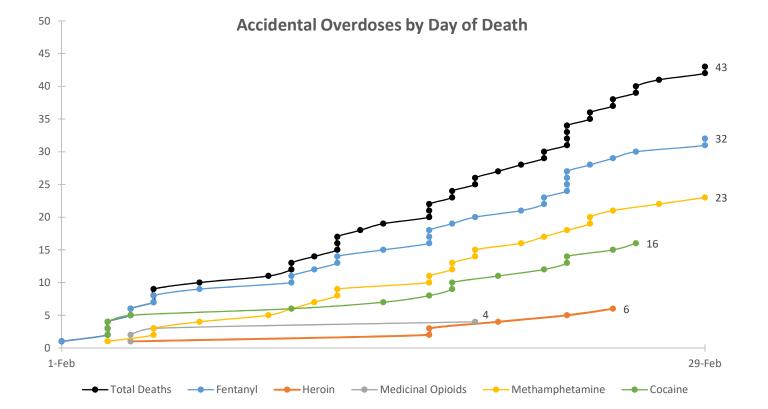




- 35% No 0% ■ Unknown
- 14% SOMA (94103) 11% ■ Inner Mission (94110) 11% ■ Bayview (94124)

32% ■ Others

- Tenderloin (94102) 35% 12% ■ SOMA (94103) 12% ■ Nob Hill (94109)
  - Inner Mission (94110) ■ Others



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<sup>&</sup>quot;Residence" denotes address where decedent lived; "Location of Death" denotes the location where death was declared. For "Residence" and "Location of Death", the 4 most affected neighborhoods are represented, the "Others" category refers to all other zip codes within the City and County of San Francisco and any of out county residences. "Gender" refers to gender at time of death.

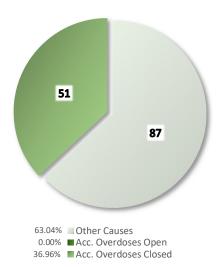
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.



### **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

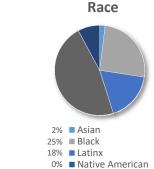
# **MARCH** 2020



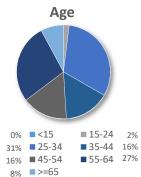


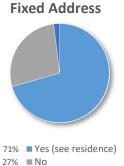
■ Male

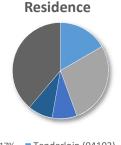
82%



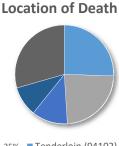
47% ■ White

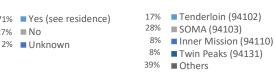




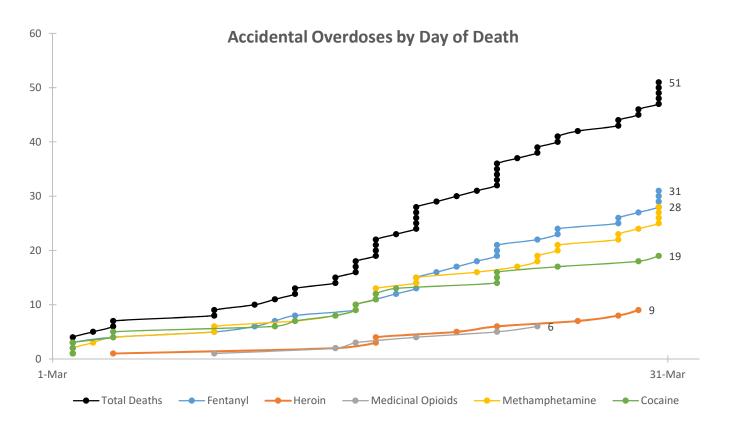


8% ■ Other/Unknown









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"Gender" refers to gender at time of death.

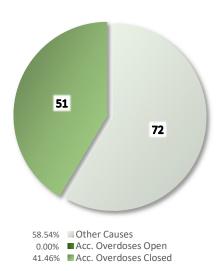
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

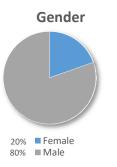


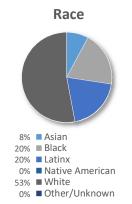
### **CITY AND COUNTY OF SAN FRANCISCO**

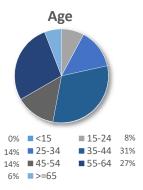
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

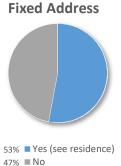
# **APRIL 2020**

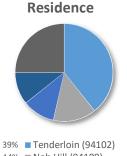




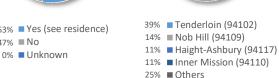




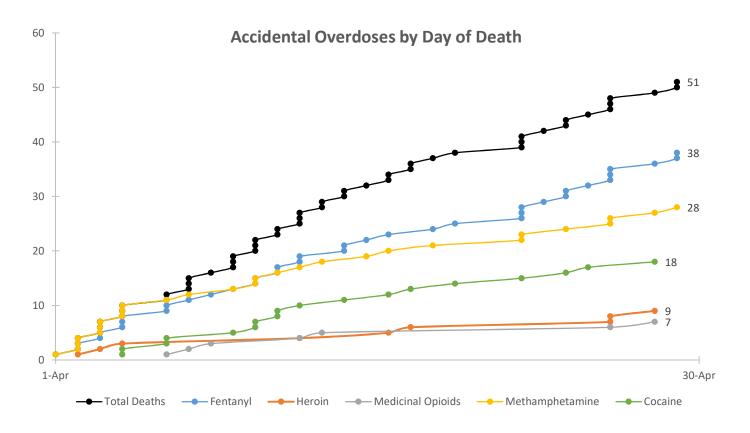












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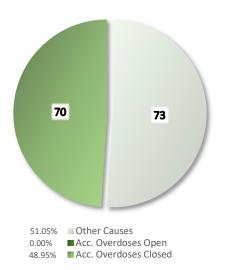
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.



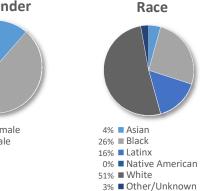
### **CITY AND COUNTY OF SAN FRANCISCO**

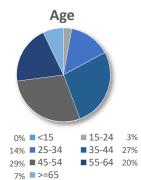
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

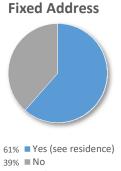
# MAY 2020

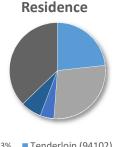










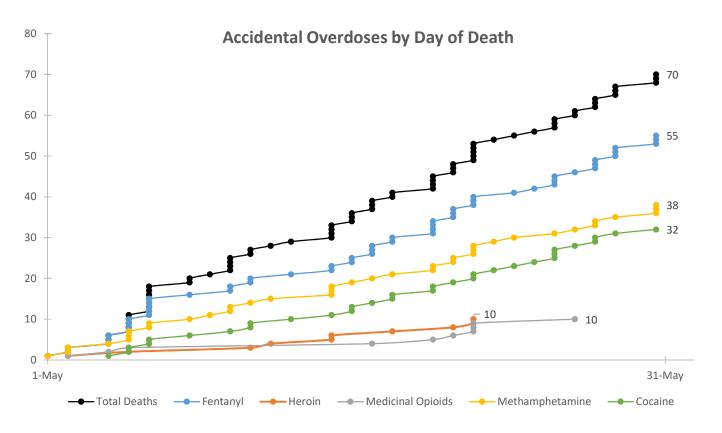












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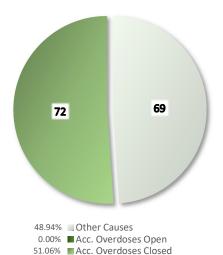
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

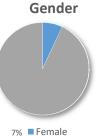


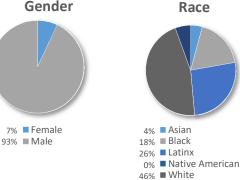
### **CITY AND COUNTY OF SAN FRANCISCO**

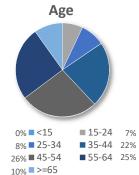
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

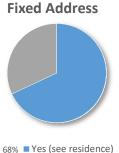
# **JUNE** 2020

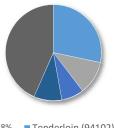








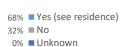




6% ■ Other/Unknown

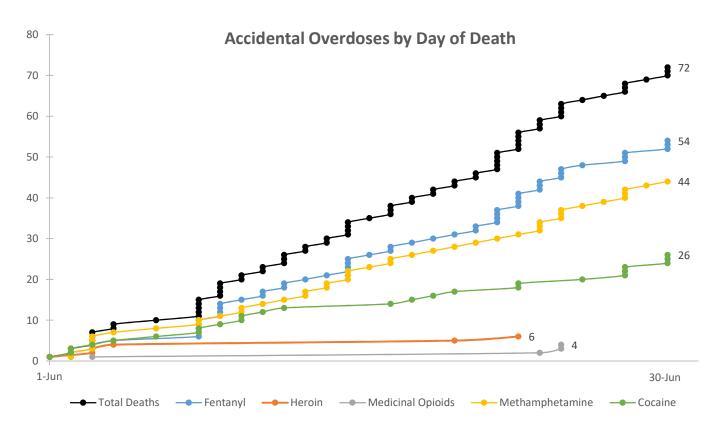
Residence











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<sup>&</sup>quot;Residence" denotes address where decedent lived; "Location of Death" denotes the location where death was declared. For "Residence" and "Location of Death", the 4 most affected neighborhoods are represented, the "Others" category refers to all other zip codes within the City and County of San Francisco and any of out county residences. "Gender" refers to gender at time of death.

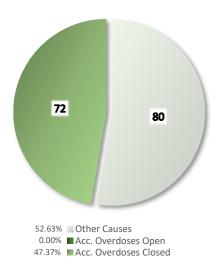
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

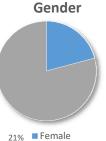


### **CITY AND COUNTY OF SAN FRANCISCO**

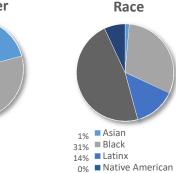
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# **JULY 2020**



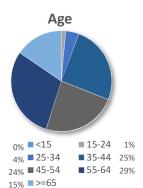


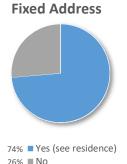
79% ■ Male



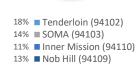
47% ■ White
7% ■ Other/Unknown

Residence

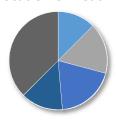




0% ■ Unknown

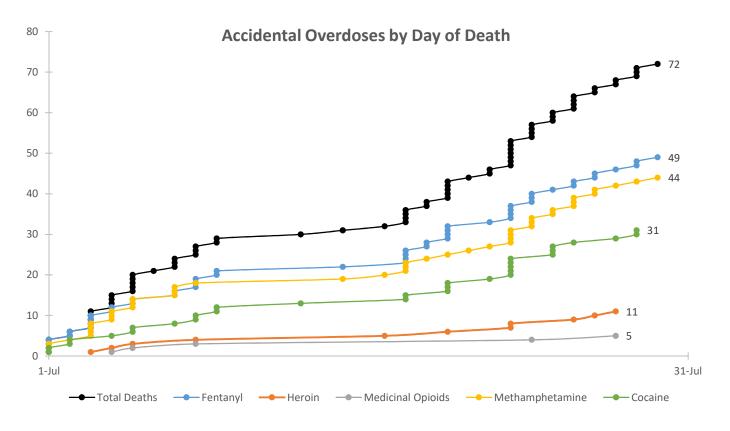


45% ■ Others



Location of Death





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"Gender" refers to gender at time of death.

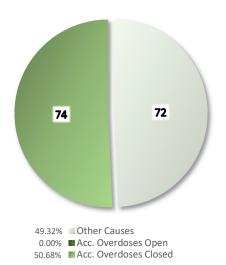
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.



### **CITY AND COUNTY OF SAN FRANCISCO**

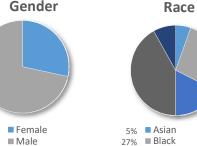
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

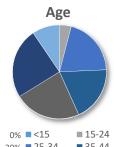
# **AUGUST** 2020





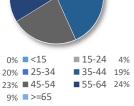
72%

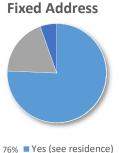


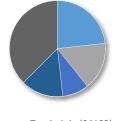




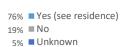
Residence



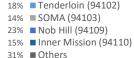


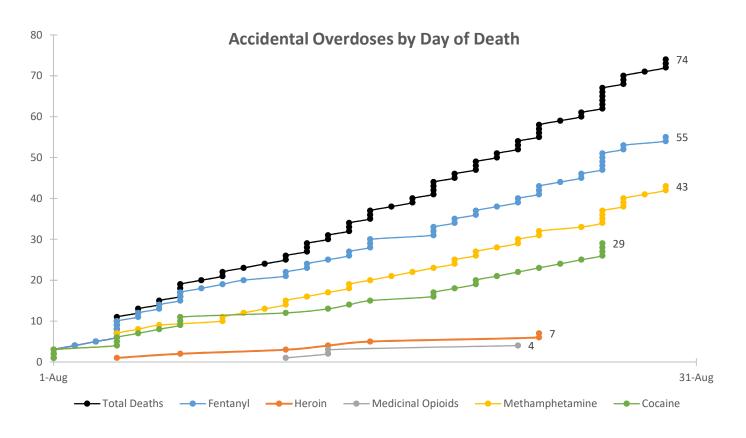












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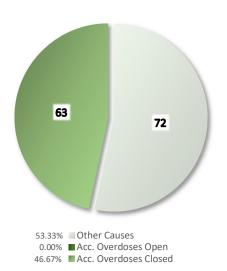
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.



### **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# SEPTEMBER 2020



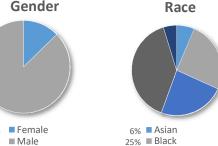


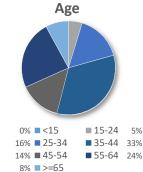
**Fixed Address** 

84% ■ Yes (see residence)

14% ■ No

2% Unknown



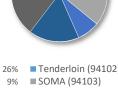




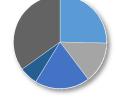
Residence



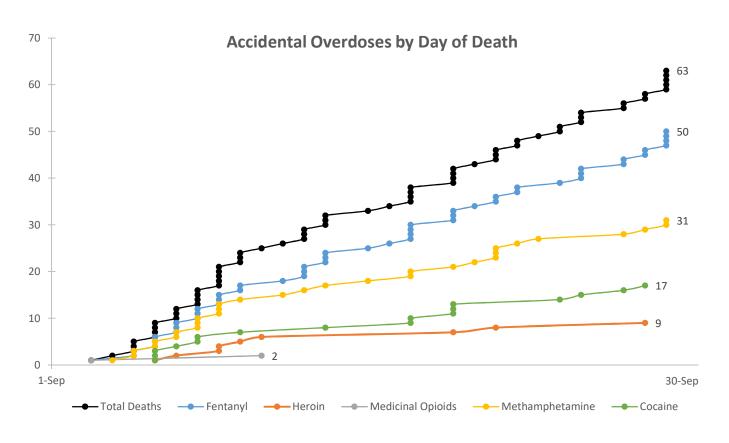












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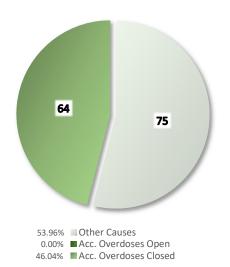
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

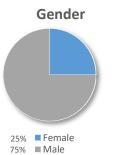


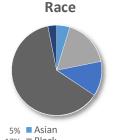
### **CITY AND COUNTY OF SAN FRANCISCO**

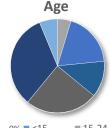
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# OCTOBER 2020







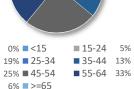




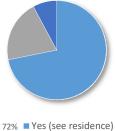
13% ■ Latinx 0% ■ Native American 63% ■ White

Residence

3% ■ Other/Unknown

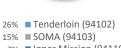


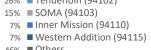




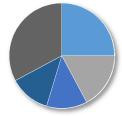
20% ■ No

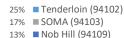
8% Unknown





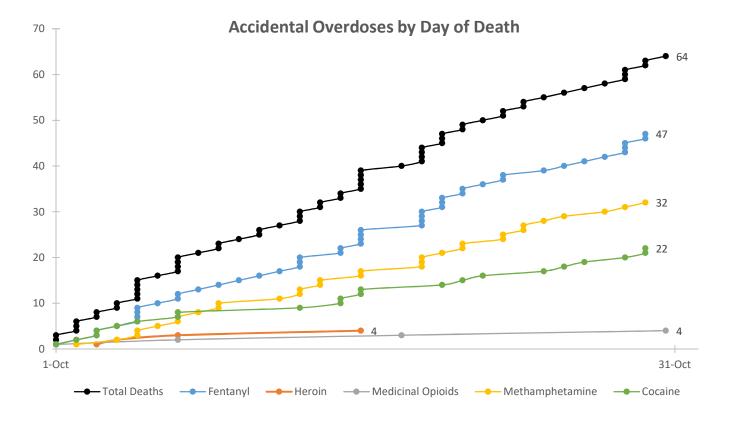






13% Nob Hill (94109) 13% ■ Inner Mission (94110)

33% ■ Others



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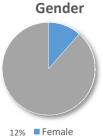
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.



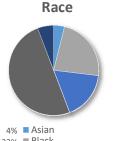
### **CITY AND COUNTY OF SAN FRANCISCO**

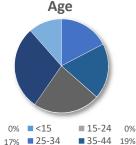
Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# NOVEMBER 2020



88%





■ Female ■ Male



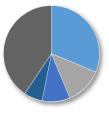
6% ■ Other/Unknown

Residence





**Fixed Address** 



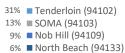


58.73% ■ Other Causes 0.00% ■ Acc. Overdoses Open 41.27% ■ Acc. Overdoses Closed

52

62% ■ Yes (see residence) 38% ■ No

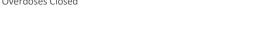
0% ■ Unknown

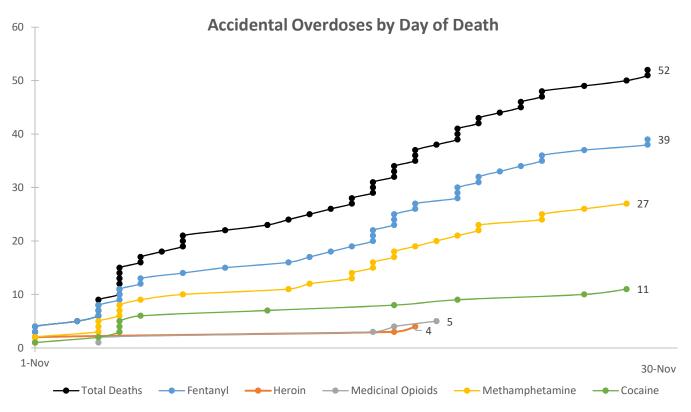


41% ■ Others

21% Tenderloin (94102)
17% SOMA (94103)
21% Nob Hill (94109)
12% Inner Mission (94110)

29% ■ Others





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"Gender" refers to gender at time of death.

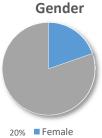
<sup>&</sup>quot;Total Deaths" denotes Accidental Overdoses where one or more drugs contribute to the cause of death; however, every point for each drug series is inclusive, but not necessarily exclusive, of that drug. "Total deaths" represents all accidental overdoses including ones for drugs not specified above.

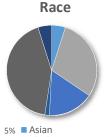


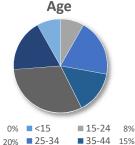
### **CITY AND COUNTY OF SAN FRANCISCO**

Preliminary Accidental Drug Overdose Data Report as of October 13, 2021

# DECEMBER 2020







**■** 55-64 18%

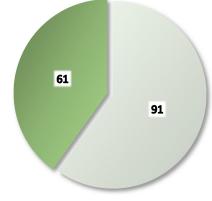




Residence



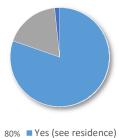




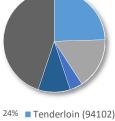
40.13% ■ Acc. Overdoses Closed

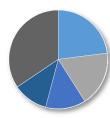
Total Deaths

Fentanvl



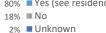
**Fixed Address** 





**Location of Death** 







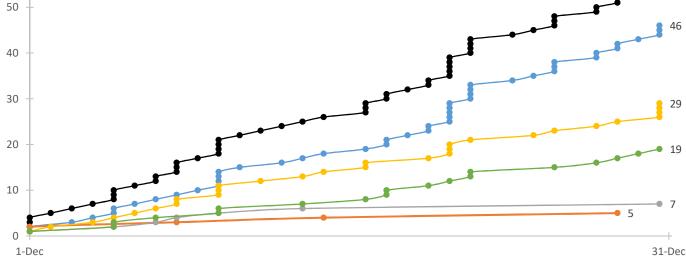
Methamphetamine

4% ■ Inner Mission (94110) 10% ■ Nob Hill (94109) 45% ■ Others



34% ■ Others





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Heroin

Medicinal Opioids

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