

Prescription Pain Reliever Misuse Analysis of the US 2017 National Survey on Drug Use and Health

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PainRelieverMisuse_NSDUH2017

Prescription Pain Reliever Misuse - Insights into the US 2017 National Survey on Drug Use and Health

Home	Income, Marital Status, Sexual Identity	Education, Age and Race of Prescription Pain Reliever Misusers	Employment & Lost Working days	Crime - Arrests, Parole, Attacks & Theft	Overall Health, HIV/AIDS & HepB/C	Type of Opioids Misused and..
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All data in this visualisation is taken from the 2017 public use files of the National Survey on Drug Use and Health which is an annual survey sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA). The survey collects data by administering questionnaires to a representative sample of the population through face-to-face interviews at their place of residence. The 2017 data used in this report is a subset of data of any respondent who reported every using a prescription pain reliever.

Employment of Prescription Opioid Misusers

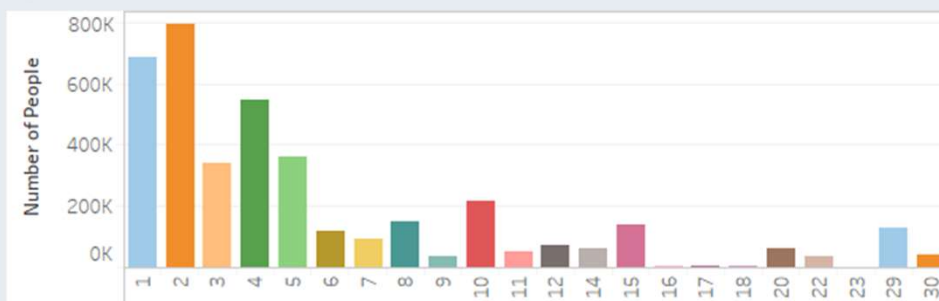
	No PNRPYMU	Past year misuse	Grand Total
1 - Employed full time	49.50%	48.81%	49.45%
2 - Employed part time	13.03%	14.69%	13.14%
3 - Unemployed	3.57%	8.64%	3.90%
4 - Other	32.53%	26.11%	32.12%
99 - 12-14 year olds	1.37%	1.75%	1.39%
Grand Total	100.00%	100.00%	100.00%

BySex
All

ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

During the past 30 days, how many whole days of work did you miss because you were sick or injured?



ByRace

- ☒ Asian
- ☒ Black/Afr American
- ☒ Hispanic
- ☒ More than one race
- ☒ Native Am/AK Native
- ☒ Native Hawaii/Pac Isl
- ☒ NonHisp White

During the past 30 days, how many days of work did you miss because you just didn't want to be there?



Past 30 days-work skipped by misusers (Number of People)

1	666,084	13.30%
2	917,825	18.33%
3	708,568	14.15%
4	323,854	6.47%
5	702,861	14.03%
6-9	480,284	9.59%
10-17	691,851	13.81%
18-30	517,082	10.32%
Grand Total	5,008,409	100.00%

Crime and Prescription Opioid Misusers

BySex
All

Ever been arrested and booked for breaking the law? PNRPMU

No	66.72%
Yes	33.28%

Ever been arrested and booked for breaking the law? Heroin

No	81.29%
Yes	18.71%

ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

In the past year, how many times have you stolen or tried to steal anything worth more than \$50?

	No PNRPMU	Past year misuse	Grand Total
1 - 0 times	87.56%	77.28%	86.64%
2 - 1 or 2 times	0.48%	2.75%	0.69%
3 - 3 to 5 times	0.08%	0.77%	0.14%
4 - 6 to 9 times	0.04%	0.48%	0.08%
5 - 10 or more times	0.08%	1.17%	0.18%
NA	11.76%	17.54%	12.28%
Grand Total	100.00%	100.00%	100.00%

PastYearHeroin

- ☒ 0 - Did not use in the pas..
- ☒ 1 - Used within the past ..

PastYearPRMU

- ☒ No PNRPMU
- ☒ Past year misuse

ByRace

- ☒ Asian
- ☒ Black/Afr American
- ☒ Hispanic
- ☒ More than one race
- ☒ Native Am/AK Native
- ☒ Native Hawaii/Pac Isl
- ☒ NonHisp White

In the past year, how many times have you attacked someone with the intent to seriously hurt them?

	No PNRPMU	Past year misuse	Grand Total
1 - 0 times	87.27%	77.94%	86.43%
2 - 1 or 2 times	0.83%	3.78%	1.09%
3 - 3 to 5 times	0.12%	0.73%	0.18%
4 - 6 to 9 times	0.01%	0.04%	0.01%
5 - 10 or more ..	0.03%	0.11%	0.03%
NA	11.74%	17.39%	12.25%
Grand Total	100.00%	100.00%	100.00%

Ever Driven Under Influence of Alcohol or Drugs



ByIncome

- ☒ 1 - Less than \$10,000
- ☒ 2 - \$10,000 - \$19,999
- ☒ 3 - \$20,000 - \$29,999
- ☒ 4 - \$30,000 - \$39,999
- ☒ 5 - \$40,000 - \$49,999
- ☒ 6 - \$50,000 - \$74,999
- ☒ 7 - \$75,000 or more

Probation in the past year

	No PNRPMU	Past year misuse
1 - On Probation	1.89%	6.94%
2 - Not on Probation	97.88%	92.51%
None-NA	0.23%	0.55%
Grand Total	100.00%	100.00%

Parole/supervised release status in the past year

	No PNRPMU	Past year misuse..
1 - On Parole/Supervised Release	0.60%	2.97%
2 - Not on Parole/Supervised Rele..	99.20%	96.66%
None-NA	0.20%	0.37%
Grand Total	100.00%	100.00%

Demographics of Past Year Prescription Opioid Misusers

BySex
All

Indiv Income Pain Reliever Past Year Misuse

Income by Individual Heroin

ByIncome	Grand T..	Female	Male	ByIncome	Female	Male	Grand To..
7 - \$75,000 or more	10.14%	8.09%	11.95%	7 - \$75,000 or more	2.03%	5.53%	4.41%
6 - \$50,000 - \$74,999	10.16%	7.67%	12.36%	6 - \$50,000 - \$74,999		11.39%	7.74%
5 - \$40,000 - \$49,999	7.69%	6.55%	8.69%	5 - \$40,000 - \$49,999		1.98%	1.34%
4 - \$30,000 - \$39,999	9.32%	6.94%	11.43%	4 - \$30,000 - \$39,999	0.27%	15.56%	10.67%
3 - \$20,000 - \$29,999	12.00%	11.48%	12.46%	3 - \$20,000 - \$29,999	4.02%	5.96%	5.34%
2 - \$10,000 - \$19,999	19.86%	22.29%	17.71%	2 - \$10,000 - \$19,999	29.25%	20.91%	23.58%
1 - Less than \$10,000	30.83%	36.98%	25.39%	1 - Less than \$10,000	64.43%	38.67%	46.92%
Grand Total	100.00%	100.00%	100.00%	Grand Total	100.00%	100.00%	100.00%

ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

ByRace

- ☒ Asian
- ☒ Black/Afr American
- ☒ Hispanic
- ☒ More than one race
- ☒ Native Am/AK Native
- ☒ Native Hawaii/Pac Isl
- ☒ NonHisp White

Marital Status

	No PNRPYMU	Past year misuse
Never Been Married	25.14%	48.41%
Married	53.71%	34.29%
Divorced or Separated	14.64%	12.93%
Widowed	5.14%	2.62%
NA <= 14 yrs	1.37%	1.75%
Grand Total	100.00%	100.00%

PastYearPRMU

- ☐ No PNRPYMU
- ☒ Past year misuse

Family Income PRM

Income S	Grand Total	Female	Male
4 - \$75,000 or More	33.39%	31.50%	35.07%
3 - \$50,000 - \$74,999	16.44%	14.80%	17.90%
2 - \$20,000 - \$49,999	29.90%	30.41%	29.44%
1 - Less than \$20,000	20.27%	23.29%	17.59%
Grand Total	100.00%	100.00%	100.00%

PY Heroin Use

- ☐ 0 - Did not use in th..
- ☒ 1 - Used within the ..

Sexual Identity

	No PNRPYMU	Past year misuse	Grand Total
Heterosexual	90.53%	82.57%	90.02%
Lesbian,Gay& Bisexual	4.84%	8.47%	5.08%
NA	4.62%	8.96%	4.90%
Grand Total	100.00%	100.00%	100.00%

Family Household Structure

	%	Num People
Other family members >=18	80.74%	8,722,996
No other family members >=18	19.21%	2,075,095
Unknown	0.06%	6,111

Demographics of Prescription Opioid Misusers

Pain Reliever Misuse by Race

	Grand Total	Male	Female
NonHispanic White	67.16%	35.89%	31.27%
Hispanic	16.11%	8.19%	7.93%
Black/African American	10.62%	5.95%	4.67%
Asian	2.66%	1.40%	1.26%
More than one race	2.40%	1.05%	1.35%
Native American/Alaska Native	0.80%	0.44%	0.36%
Native Hawaiian/Pacific Islander	0.24%	0.11%	0.13%
Grand Total	100.00%	53.03%	46.97%

Heroin Use by Race

	Grand Total	Male	Female
NonHispanic White	80.40%	54.61%	25.79%
Hispanic	8.19%	4.28%	3.91%
Black/African American	5.25%	3.80%	1.45%
Asian	2.69%	2.69%	
More than one race	2.54%	2.22%	0.32%
Native American/Alaska Native	0.93%	0.40%	0.53%
Grand Total	100.00%	68.00%	32.00%

BySex

All

ByRace

- ☒ Asian
- ☒ Black/African American
- ☒ Hispanic
- ☒ More than one race
- ☒ Native American/Alaska Native
- ☒ Native Hawaiian/Pacific Islander
- ☒ NonHispanic White

Highest Education Level Pain Relievers

Some coll/Assoc Dg	37.26%
College graduate	21.76%
High school grad	22.44%
Less high school	11.48%
12 to 17 year olds	7.07%
Grand Total	100.00%

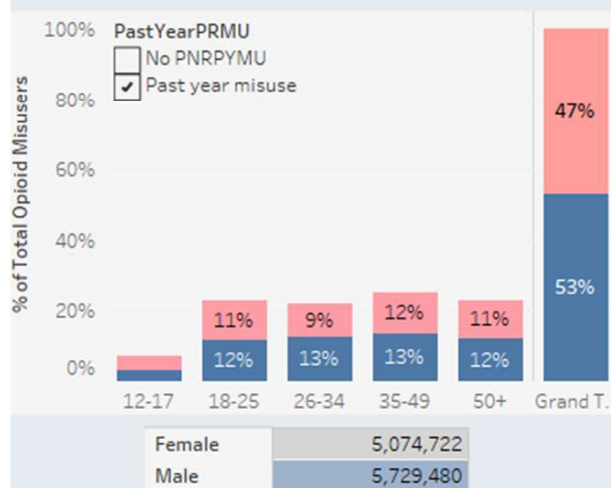
Highest Education Level Heroin

Some coll/Assoc Dg	37.70%
College graduate	8.30%
High school grad	37.89%
Less high school	14.99%
12 to 17 year olds	1.12%
Grand Total	100.00%

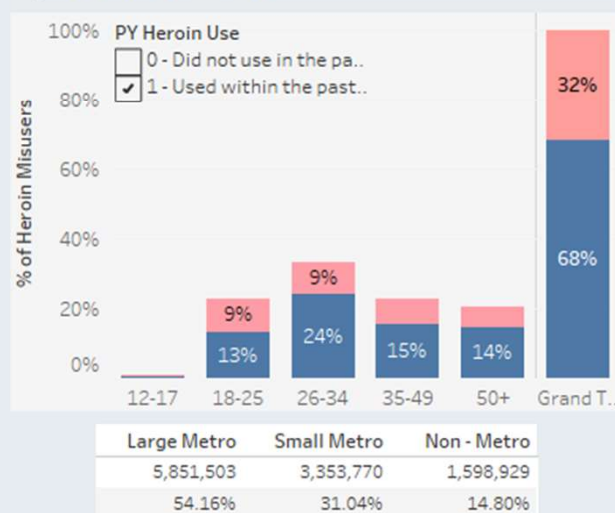
ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

Age - Pain Reliever Past Year Misuse

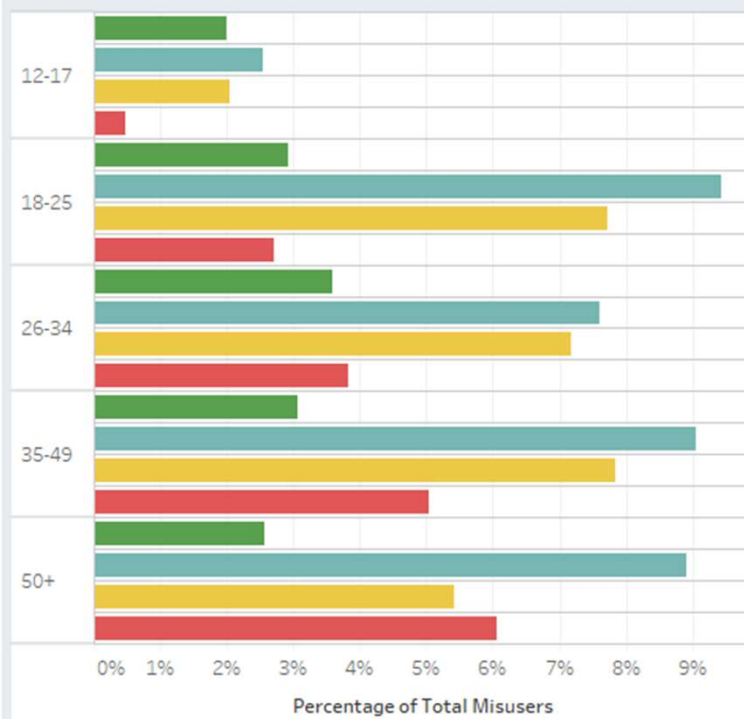


Age - Heroin Past Year Use



Health of Prescription Opioid Misusers

Self-Reported Overall Health



Health

- ☒ 1 - Excellent
- ☒ 2 - Very Good
- ☒ 3 - Good
- ☒ 4 - Fair/Poor

BySex

All

ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

ByRace

- ☒ Asian
- ☒ Black/Afr American
- ☒ Hispanic
- ☒ More than one race
- ☒ Native Am/AK Native
- ☒ Native Hawaii/Pac Isl
- ☒ NonHisp White

PastYearPRMU

- ☐ No PNRPYMU
- ☒ Past year misuse

Ever told you had Hepatitis B or C

	No PNRPYMU	Past year misuse	Grand Total
1 - Yes	1.33%	1.83%	1.36%
2 - No	44.48%	34.60%	43.84%
NA	54.20%	63.57%	54.80%
Grand Total	100.00%	100.00%	100.00%

Ever told you had HIV or AIDS

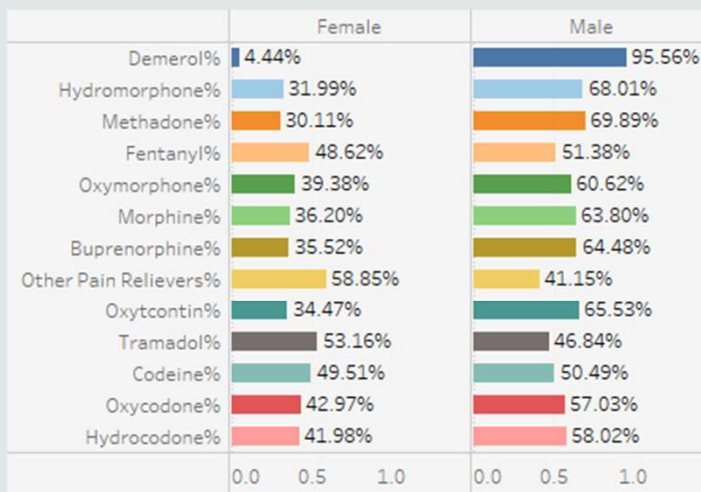
	No PNRPYMU	Past year misuse	Grand Total
1 - Yes	0.14%	0.29%	0.15%
2 - No	45.67%	36.13%	45.05%
NA	54.20%	63.57%	54.80%
Grand Total	100.00%	100.00%	100.00%

Past Year Prescription Opioid Misuse by Category and Other Drugs Co-Used

PR Misuse by Subtype

Demerol	138,533
Hydromorp..	250,465
Methadone	267,841
Fentanyl	279,590
Oxymorpho..	319,335
Morphine	524,847
Buprenorph..	762,016
Other PRs	926,059
Oxycontin	1,530,674
Tramadol1	1,699,088
Codeine	2,714,214
Oxycodone	3,788,907
Hydrocodo..	6,184,708

Misuse by Pain Reliever Subtype by Gender



BySex

All

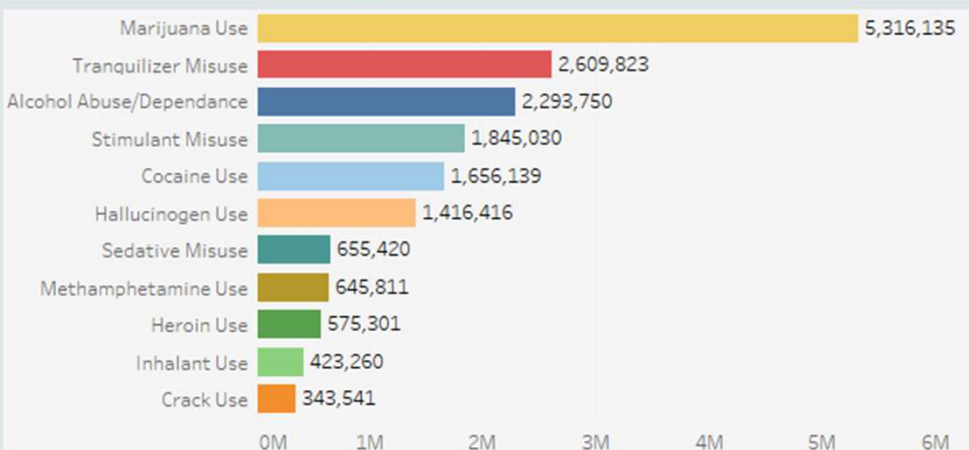
ByRace

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- ☒ Black/Afr American
- ☒ Hispanic
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ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

Past Year Other Selected Drug Use By Opioid Misusers



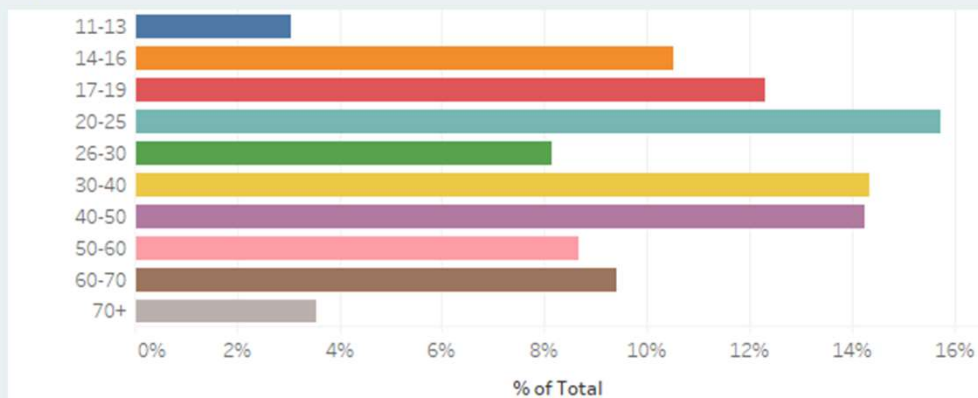
PastYearPRMU

- ☐ No PNRPMU
- ☒ Past year misuse

Past Year Prescription Opioid Misuse Info

BySex
All

Age of First Pain Reliever Misuse



ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

ByRace

- ☒ Asian
- ☒ Black/Afr American
- ☒ Hispanic
- ☒ More than one race
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- ☒ Native Hawaii/Pac Isl
- ☒ NonHisp White

Past Month PRM Number of Days

	Proportion	People
1-2 Days	39.28%	1,264,111
3-5 Days	26.08%	839,317
6-19 Days	22.90%	736,848
20-30 Days	11.75%	378,070
Grand Total	100.00%	3,218,346

Currently receiving treatment or counselling for your use of prescription pain relievers?

	Past year misuse
No/Unknown	95.14%
Yes	4.86%

ByIncome

- ☒ 1 - Less than \$10,000
- ☒ 2 - \$10,000 - \$19,999
- ☒ 3 - \$20,000 - \$29,999
- ☒ 4 - \$30,000 - \$39,999
- ☒ 5 - \$40,000 - \$49,999
- ☒ 6 - \$50,000 - \$74,999
- ☒ 7 - \$75,000 or more

First Time Misusing In Last Year Age Breakdown

	Past year initiate
12-17	15.93%
18-25	24.43%
26-34	14.32%
35-49	22.75%
50+	22.57%

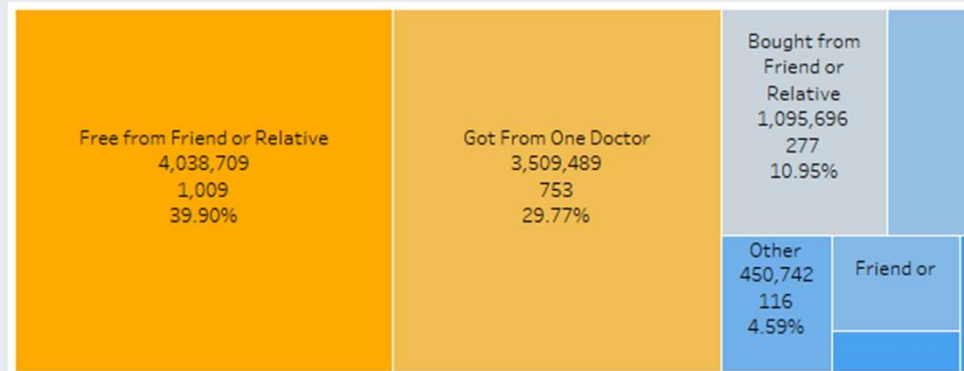
Ever received treatment/counselling for use of alcohol or any drug(not cigs)?

	Past year misuse
No/Unknown	79.45%
Yes	20.55%

Sources and Pain Relievers for Past Year Misuse

BySex
All

Source of prescription pain relievers for last misuse



ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

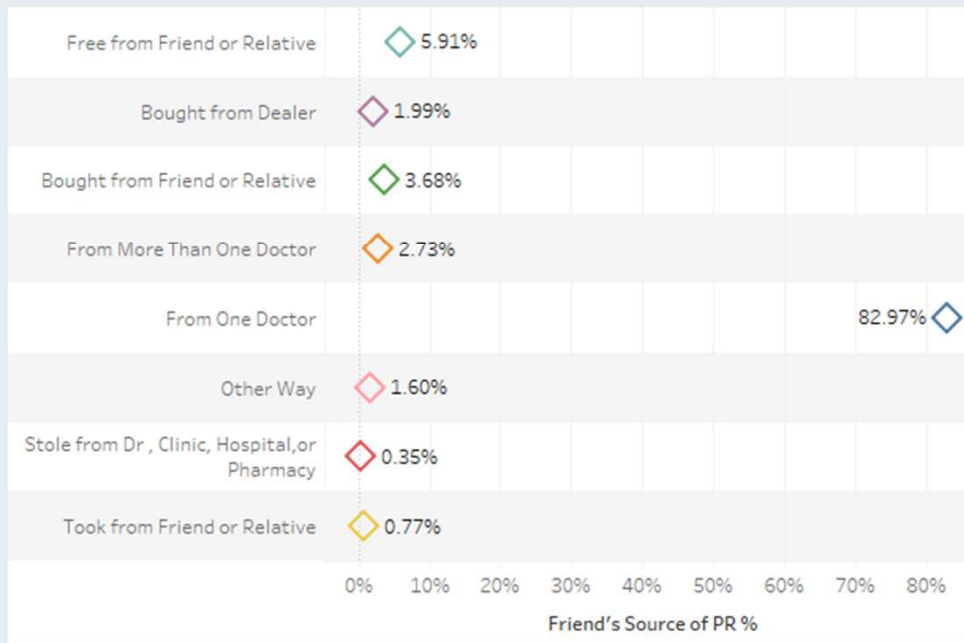
ByRace

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- ☒ Black/Afr American
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- ☒ More than one race
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- ☒ Native Hawaii/Pac Isl
- ☒ NonHispanic White

ByIncome

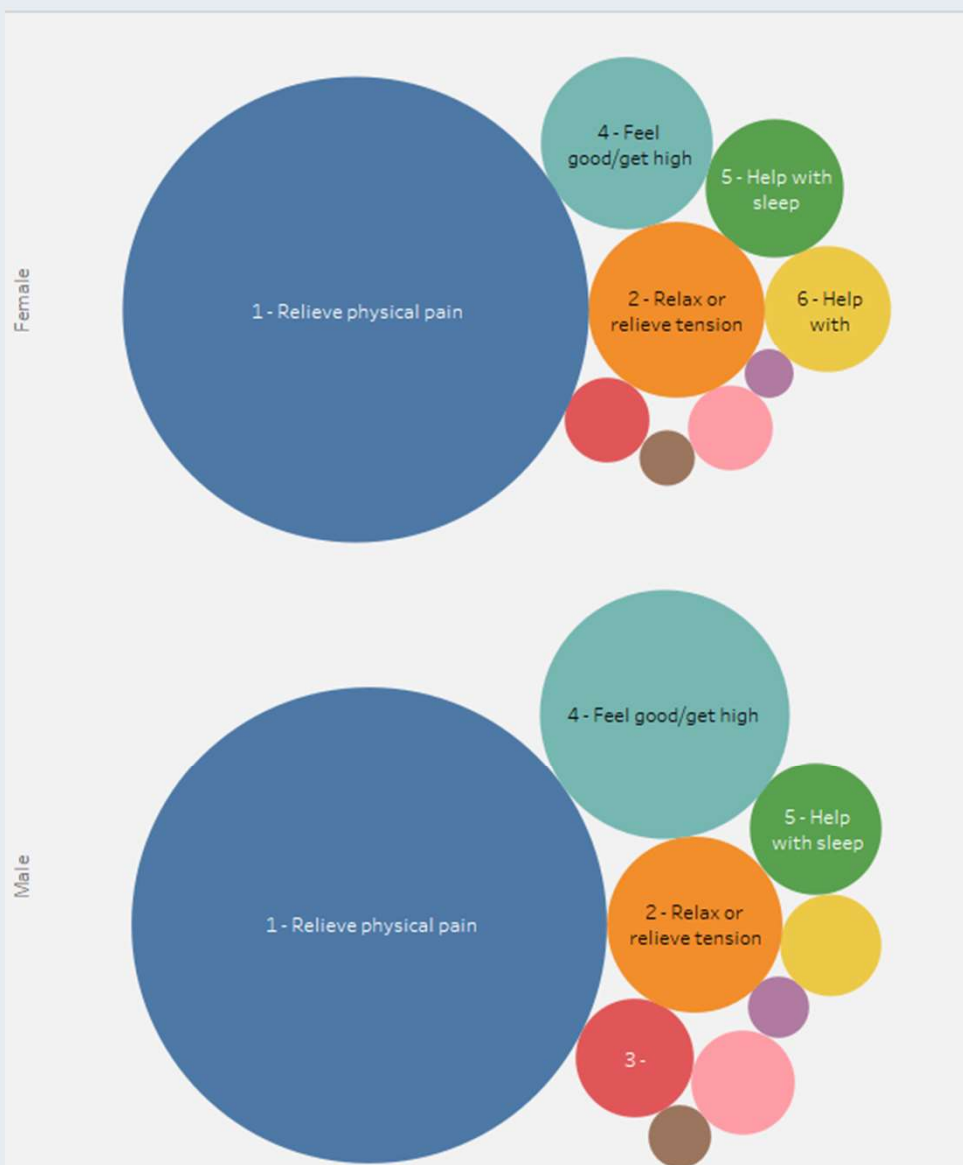
- ☒ 1 - Less than \$10,000
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- ☒ 3 - \$20,000 - \$29,999
- ☒ 4 - \$30,000 - \$39,999
- ☒ 5 - \$40,000 - \$49,999
- ☒ 6 - \$50,000 - \$74,999
- ☒ 7 - \$75,000 or more

Source of friend or relative's most recent misuse of PR



Reason for Past Year Prescription Pain Relievers Misuse

BySex
All



ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

ByRace

- ☒ Asian
- ☒ Black/Afr American
- ☒ Hispanic
- ☒ More than one race
- ☒ Native Am/AK Native
- ☒ Native Hawaii/Pac Isl
- ☒ NonHisp White

ByIncome

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- ☒ 4 - \$30,000 - \$39,999
- ☒ 5 - \$40,000 - \$49,999
- ☒ 6 - \$50,000 - \$74,999
- ☒ 7 - \$75,000 or more

Prmrnsn S

- ☐ 1 - Relieve physical pa..
- ☐ 2 - Relax or relieve ten..
- ☐ 3 - Experiment/see wh..
- ☐ 4 - Feel good/get high
- ☐ 5 - Help with sleep
- ☐ 6 - Help with feelings ..
- ☐ 7 - Inc/dec effects oth ..
- ☐ 8 - Hooked or have to ..
- ☐ 9 - Some other reason

Impacts and Attitudes to Heroin

Youth (Under18) - Max level of interference over the four role domains of SDS*

	No PNRPYMU	Past year misuse
5 - Very Sev..	3.68%	9.48%
4 - Severe	8.63%	12.65%
3 - Moderate	4.81%	4.58%
2 - Mild	0.70%	1.81%
1 - None & ..	82.18%	71.48%
Grand Total	100.00%	100.00%

*Sheehan Disability (SDS)
Measures the impact of a disorder on an adolescent's or adult's life.

Risk -How much do people risk harming themselves physically and in other ways when they try heroin once or twice?

	No PNRPY MU	Past year misuse
1 - No risk	0.89%	1.80%
2 - Slight risk	3.40%	5.39%
3 - Moderate risk	10.51%	13.54%
4 - Great risk	83.90%	77.91%
NA	1.30%	1.36%

Adult (Over 18) - Max level of interference over the four role domains of SDS*

	No PNRPYMU	Past year misuse
5 - Very Sev..	1.48%	4.91%
4 - Severe	3.61%	9.72%
3 - Moderate	2.39%	5.11%
2 - Mild	0.57%	0.38%
1 - None & ..	91.94%	79.88%
Grand Total	100.00%	100.00%

The Youth scale measures the impact of a disorder on chores at home, school or work, close relationships with family and social life.

The Adult scale adults measures the impact of a disorder on a adult's life: home management, ability to work , close relationships with others, and social life.

Risk -How much do people risk harming themselves physically and in other ways when they use heroin once or twice a week?

	No PNRPYMU	Past year misuse
1 - No risk	0.61%	1.25%
2 - Slight risk	0.71%	1.76%
3 - Moderate risk	3.52%	5.65%
4 - Great risk	93.93%	90.09%
NA	1.23%	1.25%

BySex
All

ByAge

- ☒ 12-17
- ☒ 18-25
- ☒ 26-34
- ☒ 35-49
- ☒ 50+

ByRace

- ☒ Asian
- ☒ Black/Afr American
- ☒ Hispanic
- ☒ More than one race
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- ☒ Native Hawaii/Pac Isl
- ☒ NonHisp White