2025 New Hampshire Prescription Drug Monitoring Program (PDMP) Annual Report

July 1, 2024- June 30, 2025

Department of HEALTH & HUMAN SERVICES

1

Highlights for State Fiscal YEAR (SFY 2025)

Utilization

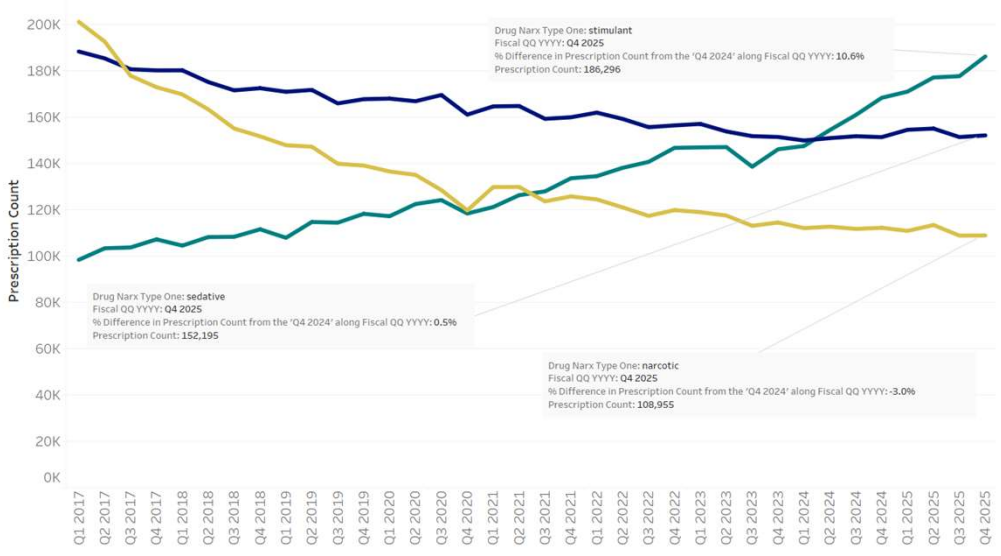
- Registrant count is 21,998
- Total patient queries have increased 13.6% year over year (YoY)
- Nearly 2.4 million patient queries were made in State Fiscal Year (SFY) 2025 (2.1 million in SFY 2024)
- 7,879 distinct registrants made those patient queries
- 2,187 registrants who made queries were prescriber delegates
- Delegates made more than 41.6 % of all patient queries

Prescribing Trends

- **Opioids**: Filled prescription counts for opioids have decreased YoY
- **Stimulants**: Filled prescription counts for stimulants have continued to *increase* YoY
- **Sedatives**: Filled prescription counts for sedatives have *increased* YoY

2

Filled Prescription Counts (SFY 2017- SFY2025)



YoY Change in Rx Count
(SFY 2024-2025)

- Opioid Rx 3% ↓
- Stimulant Rx 10.6% ↑
- Sedative Rx 0.5% ↑

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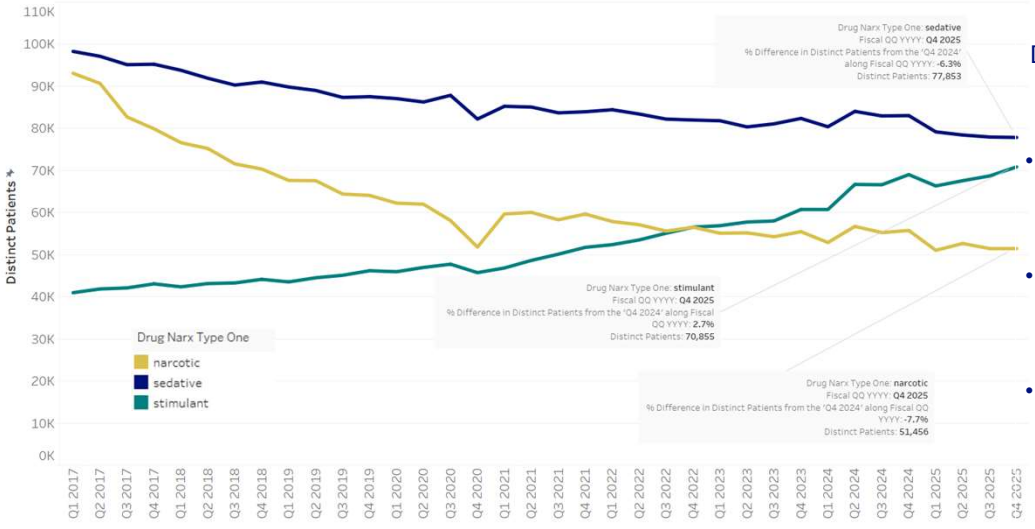
3

Distinct Patients (SFY 2017- SFY2025)
*NH Residents Only



YoY Change in Distinct Patients
(SFY 2024-2025)

- Opioid DP 7.7% ↓
- Stimulant DP 2.7% ↑
- Sedative DP 6.3% ↓

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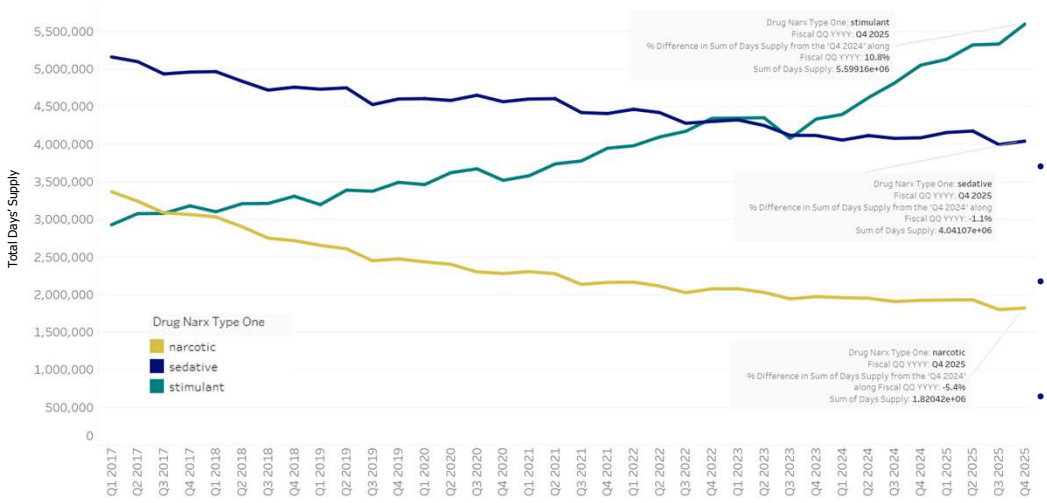
4

Days' Supply (SFY 2017- SFY2025)



YoY Change in Days' Supply
(SFY 2024-2025)

- Opioid DS 5.4% ↓
- Stimulant DS 10.8% ↑
- Sedative DS 1.1% ↓

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5

Opioids

July 1, 2024- June 30, 2025

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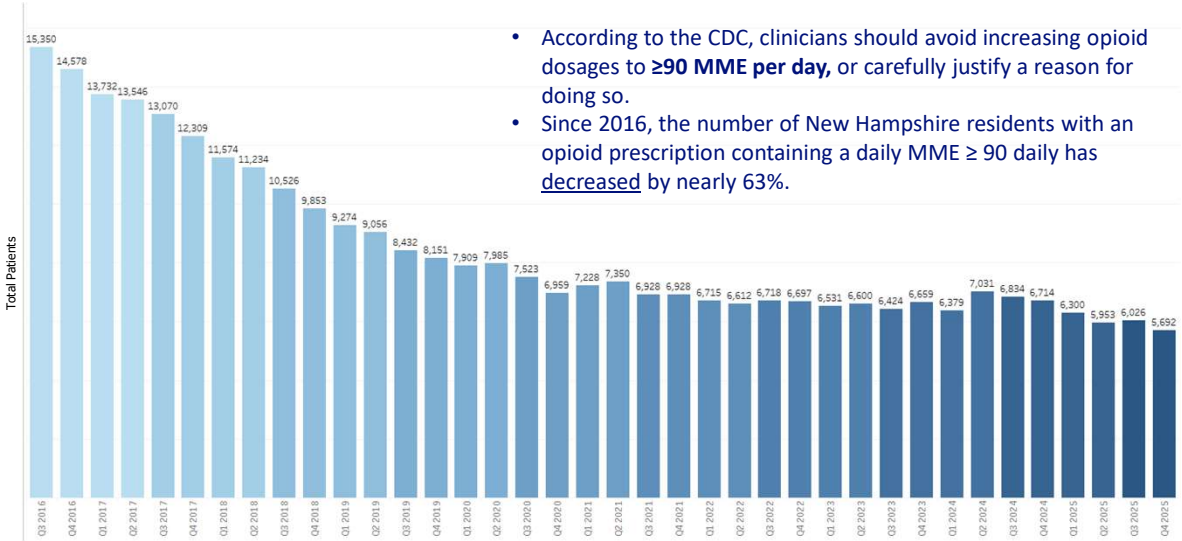
6

Distinct Patients with an opioid prescription ≥ 90 MME daily
*NH Residents Only (SFY 2016-2025)



- According to the CDC, clinicians should avoid increasing opioid dosages to **≥90 MME per day,** or carefully justify a reason for doing so.
- Since 2016, the number of New Hampshire residents with an opioid prescription containing a daily MME ≥ 90 daily has decreased by nearly 63%.

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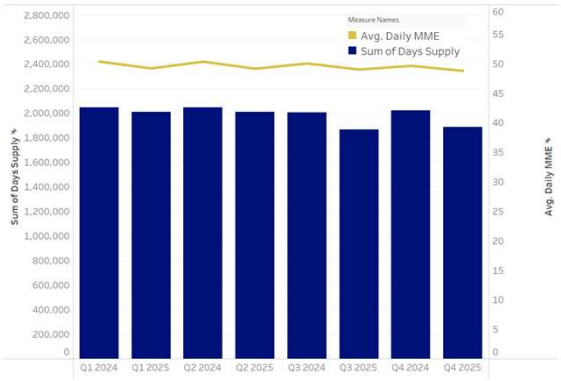
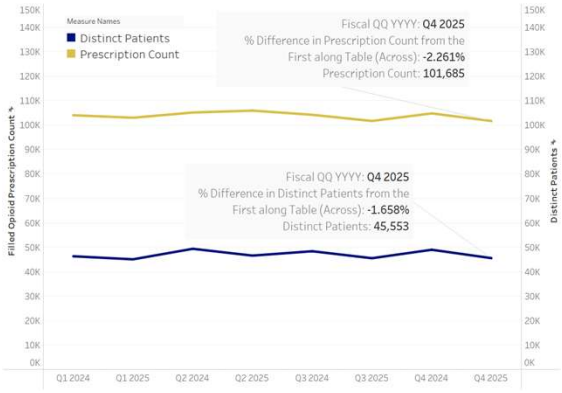
7

Opioid Prescription Counts, Days' Supply, and Average Daily MME
(SFY 2024- SFY 2025)*NH Residents Only



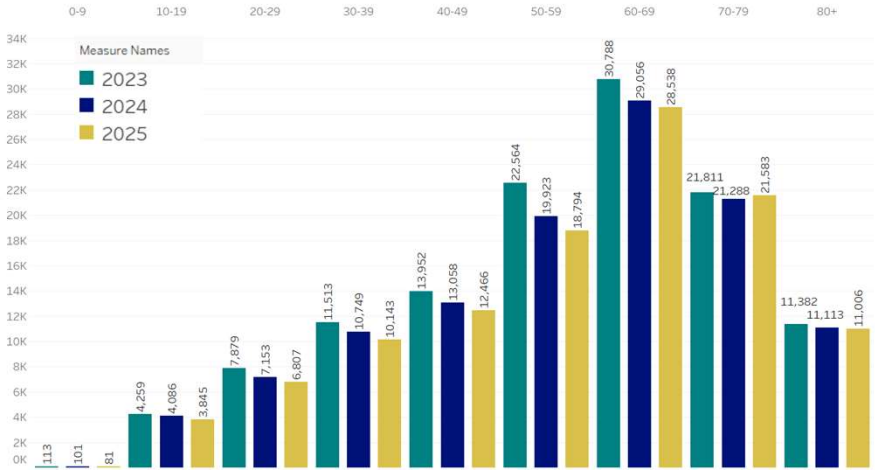


- Total days' supply of opioid prescriptions decreased by 10.37%
- Total daily MME decreased by 3.5%

- Opioid prescription counts for NH residents decreased by 2.3% over the reporting period
- The number of patients being prescribed opioid medications decreased by 1.7%

8

NH Resident Age at Date of Opioid Dispensation



SFY 2024

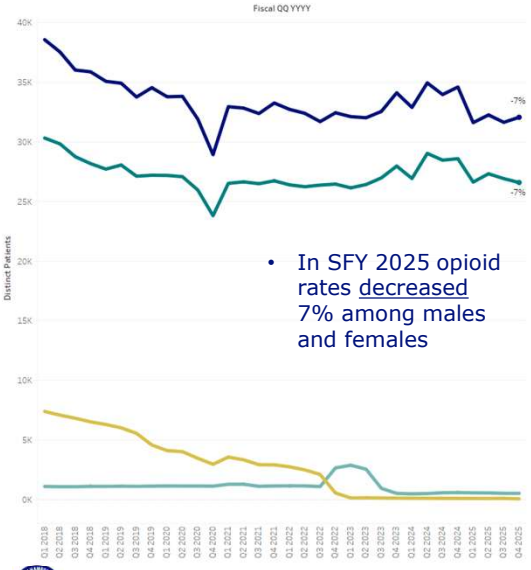
- 116,527 residents (all ages) with an opioid prescription from a NH prescriber
- 8.3% of all residents

SFY 2025

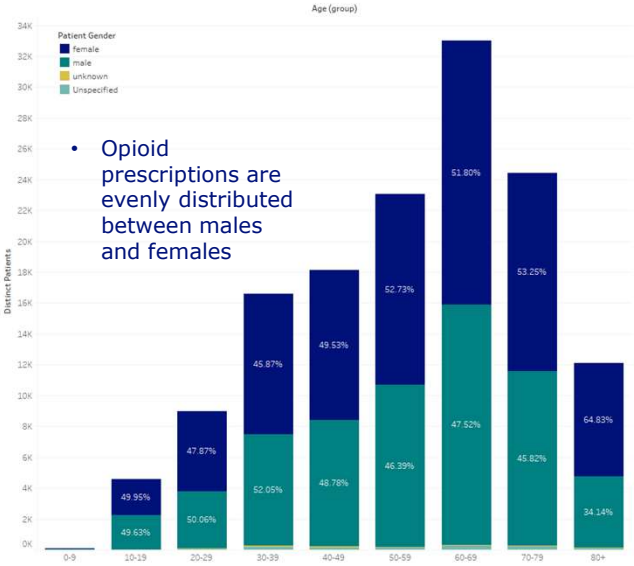
- 113,263 residents (all ages) with an opioid prescription from a NH prescriber
- 8.1% of all residents

9

NH Residents with an Opioid Rx by Age and Sex



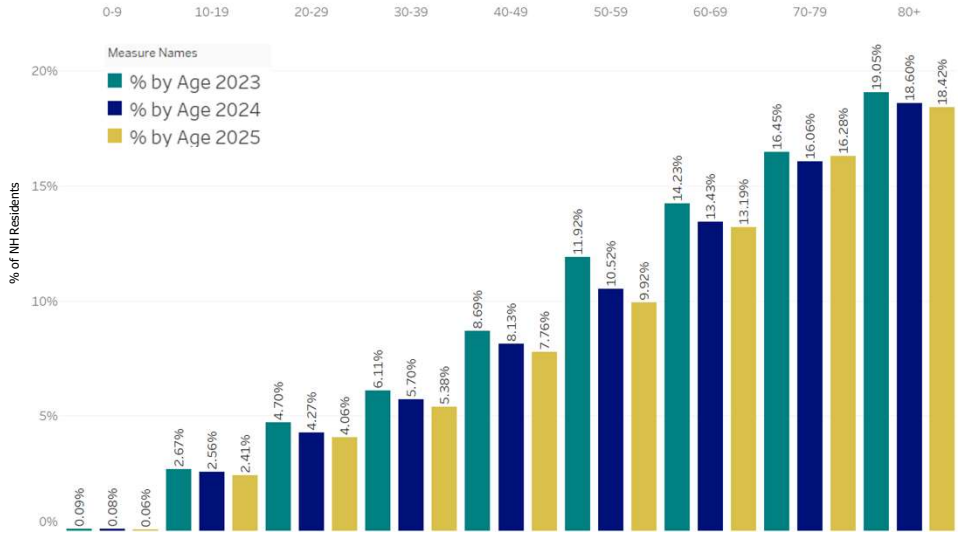
- In SFY 2025 opioid rates decreased 7% among males and females



- Opioid prescriptions are evenly distributed between males and females

10

Percent of NH Residents by Age Group at Date of Opioid Dispensation



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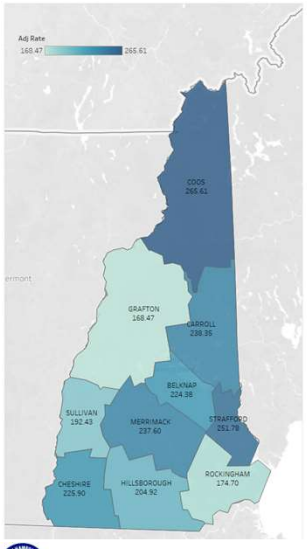
SFY 2024 – SFY 2025

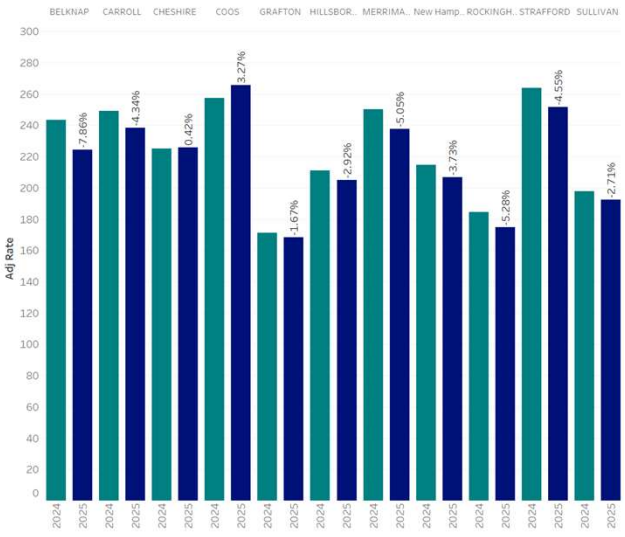
- There was a decrease in the number of opioid prescriptions among NH residents in all age groups except those 70-79.

11

Opioid Prescription Rates *Age-Adjusted per 1,000

(NH Residents Only)





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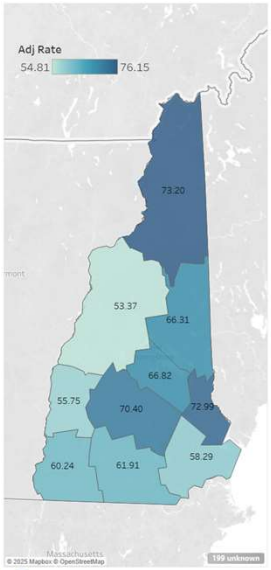
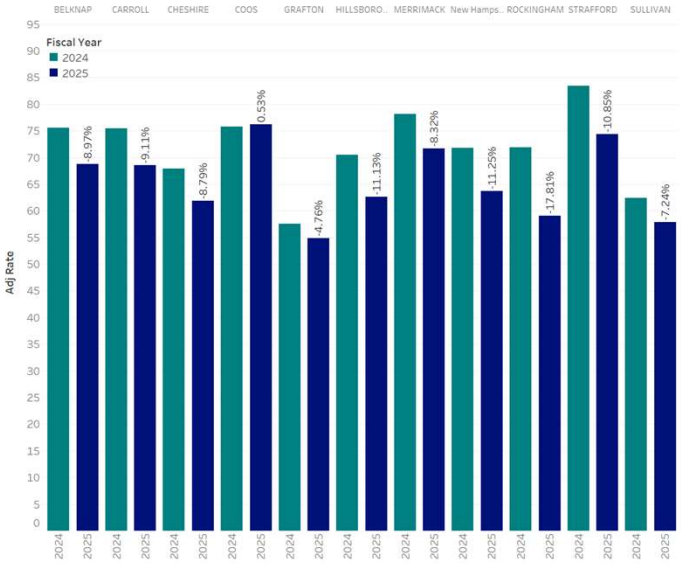
SFY 2025

- Statewide opioid prescription counts have decreased by 3.73% YoY
- Coos County was the only county to show an increase with a rise of 3.27% YoY

12

Residents with an Opioid Rx *Age-Adjusted per 1,000





SFY 2025

- There was an 11.25% decrease in the number of persons with an opioid Rx from SFY24 to SFY25
- Nine of ten counties showed a decrease. Rockingham County had the greatest decrease of 17.81% while Coos County had an increase of 0.53%

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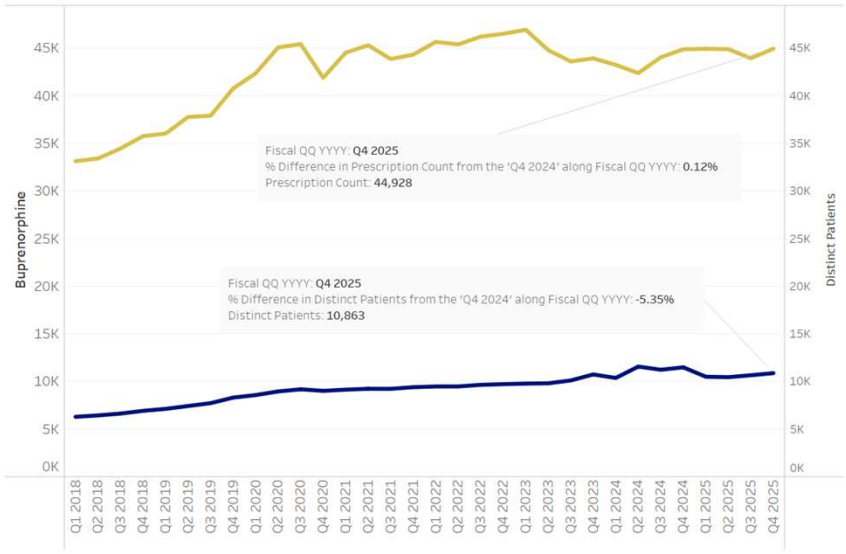
13

Buprenorphine *NH Residents Only





YoY Change (SFY 2024-2025)

- Rx Count ↑ 0.12%
- Distinct Patients ↓ -5.35%

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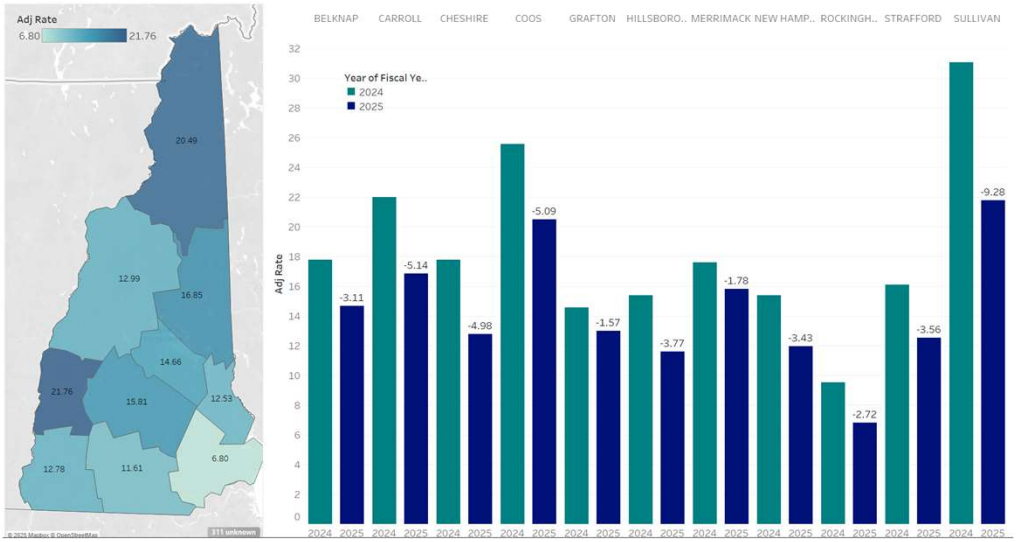
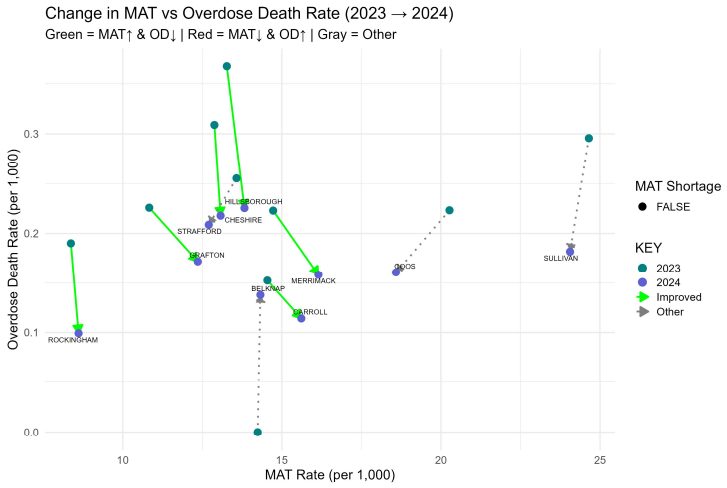
14

Residents with a Buprenorphine Rx by County *Age-Adjusted per 1,000



15

Change in MAT vs Opioid Overdose Death Rate (2023 - 2024)



Purpose:

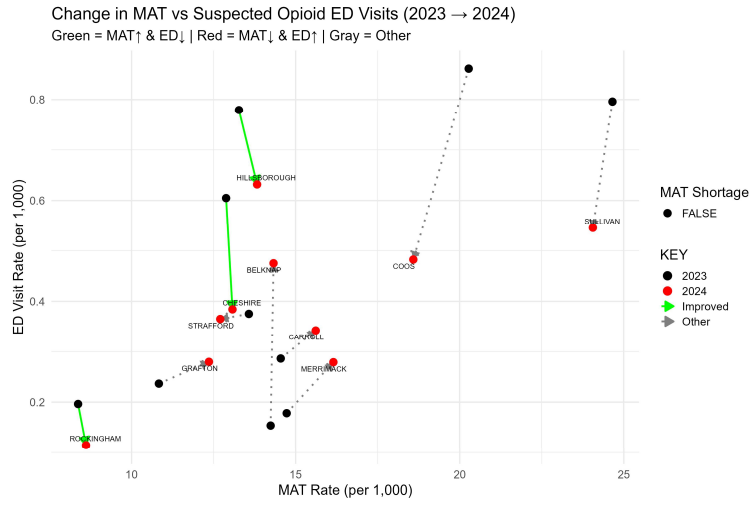
- This plot visualizes how each New Hampshire county changed in:
- MAT Rate (Buprenorphine treatment per 1,000 population)
- Overdose Death Rate (OD rate per 1,000 population)
- Green: MAT rate increased, and OD death rate decreased (positive outcome)
- Gray (dotted): OD death rate decreased but MAT rate also decreased

Discussion:

- Gray arrows may reflect small population sizes, rural shifts, or provider attrition.
- Buprenorphine may be prescribed for pain, not just opioid use disorder.
- This is an initial analysis — further research is needed to clarify prescribing patterns and treatment access.

16

Change in MAT vs Suspected Opioid ED Visits(2023 - 2024)



Purpose:

- This plot shows how each NH county changed in MAT rate and suspected opioid-related ED visit rate.
- Green: MAT rate increased, and ED visit rate decreased (positive outcome)
- Gray: All other combinations, including MAT and ED both decreasing or increasing

Discussion

- A few counties showed green arrows, suggesting improved access and reduced ED burden.
- Some counties showed increases in both ED visits and MAT rates.
- This may reflect rural populations visiting EDs outside their county of residence, or an increase in the number of EDs reporting data between 2023 and 2024.
- Buprenorphine may be prescribed for pain as well as opioid use disorder, so MAT rates may not exclusively reflect OUD treatment.

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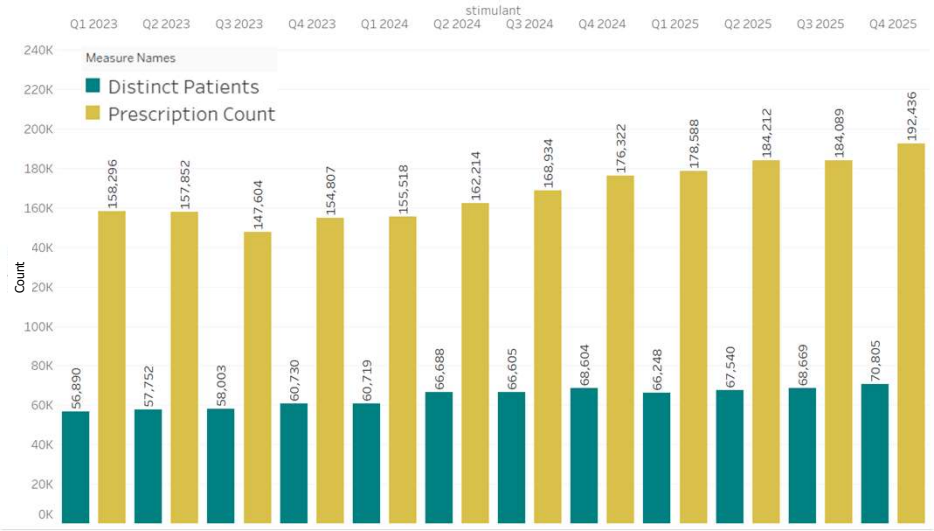
17

Stimulants

July 1, 2024- June 30, 2025

18

Filled Stimulant Prescription Counts (SFY 2024-2025) *NH Residents Only



SFY 2024 – SFY 2025

- Stimulant prescription counts for NH residents increased by 9.1% YoY
- The number of patients being prescribed stimulant medications increased by 3.2% over the reporting period

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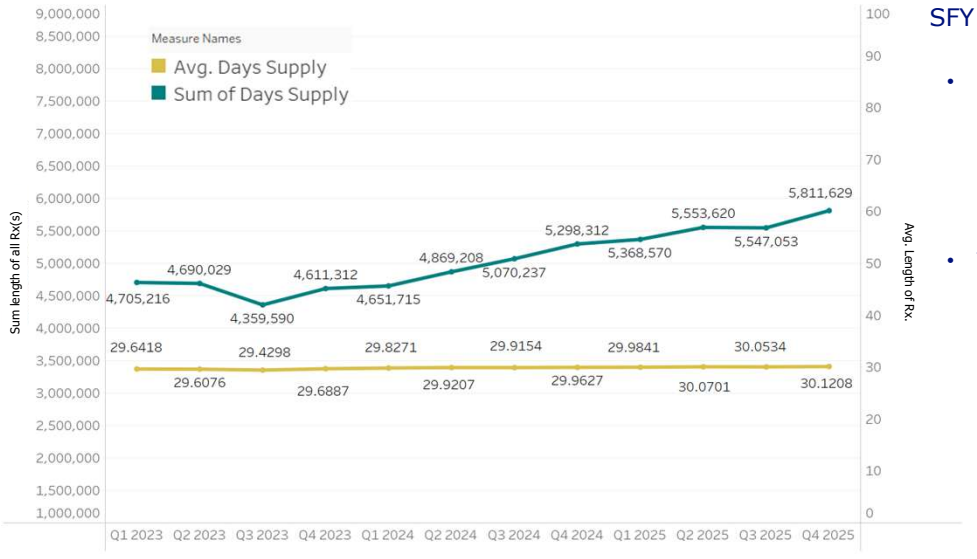
19

Sum and Average Days' Supply of Stimulant Prescriptions (SFY 2024-2025)

*NH Residents Only



SFY 2024 – SFY 2025

- Stimulant prescription counts for NH residents increased by 9.7% between SFY 2024 and SFY 2025
- The number of patients being prescribed stimulant medications increased by 3.1% over the reporting period

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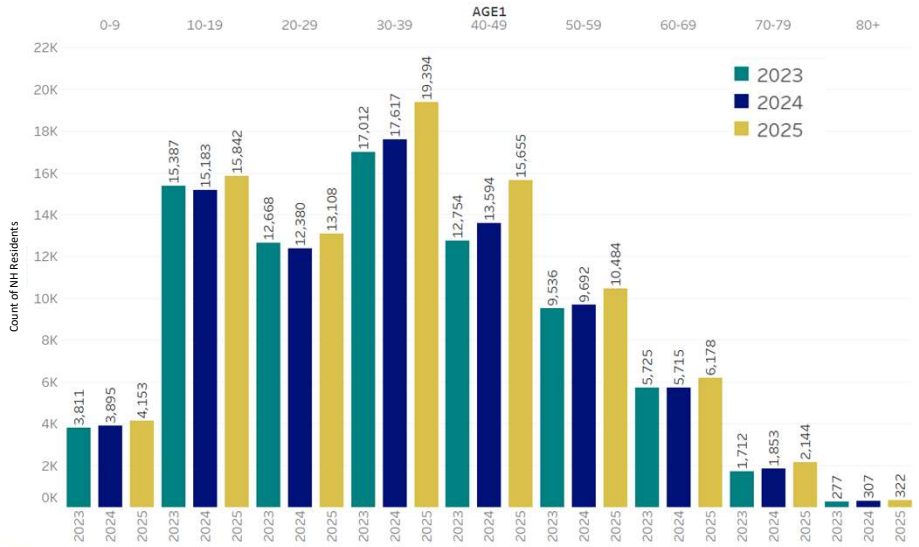
20

NH Resident Age at Date of Stimulant Dispensation



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SFY 2024

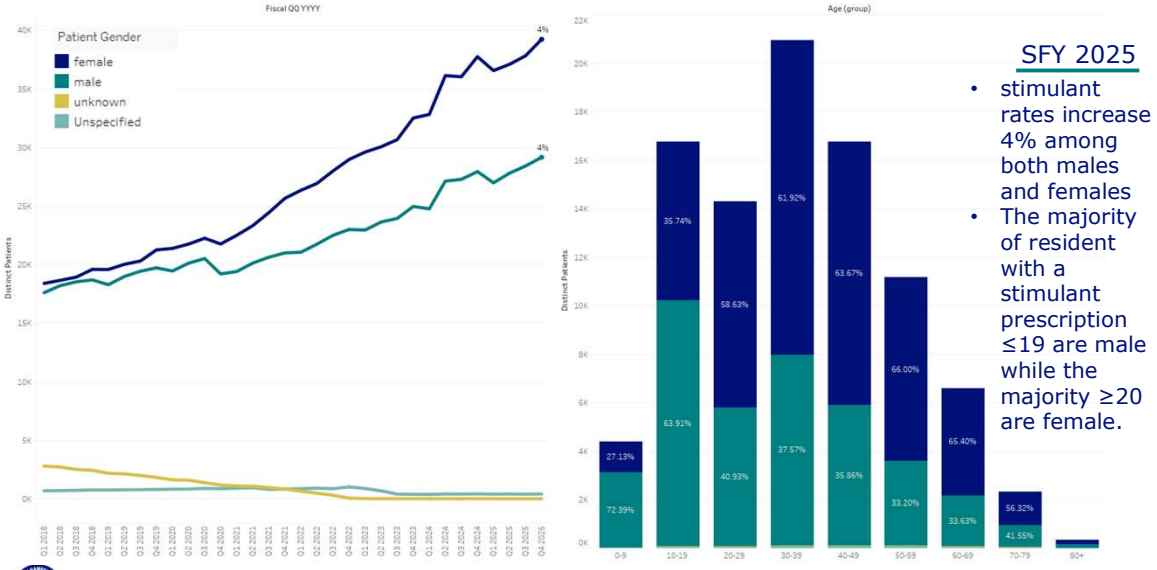
- 80,236 residents (all ages) with a stimulant prescription from a NH prescriber
- 5.7% of all residents

SFY 2025

- 87,280 residents (all ages) with a stimulant prescription from a NH prescriber
- 6.2% of all residents

21

New Hampshire Residents with a Stimulant Rx by Age and Sex (SFY 2025)



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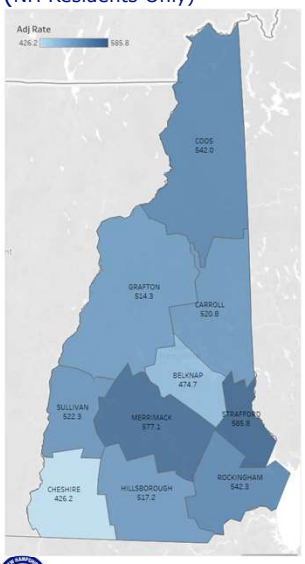
SFY 2025

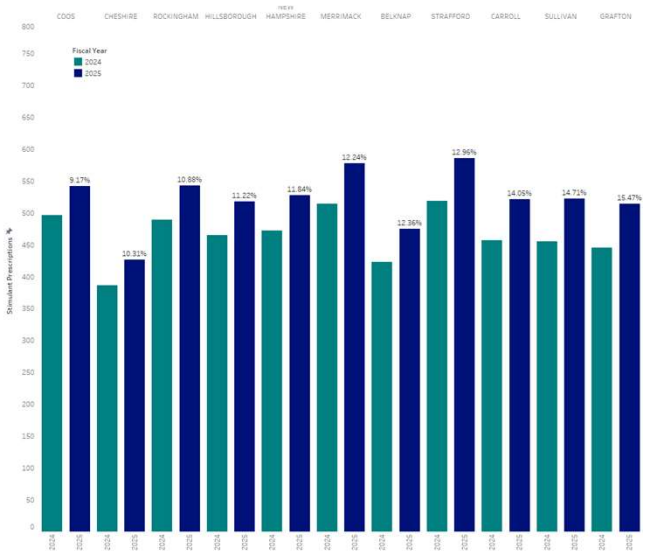
- stimulant rates increase 4% among both males and females
- The majority of resident with a stimulant prescription ≤19 are male while the majority ≥20 are female.

22

Stimulant Prescriptions *Age-Adjusted per 1,000

(NH Residents Only)





SFY 2025

- Statewide, stimulant prescription counts increased by 11.84% YoY
- Grafton County showed the largest increase with a rise of 15.47% YoY

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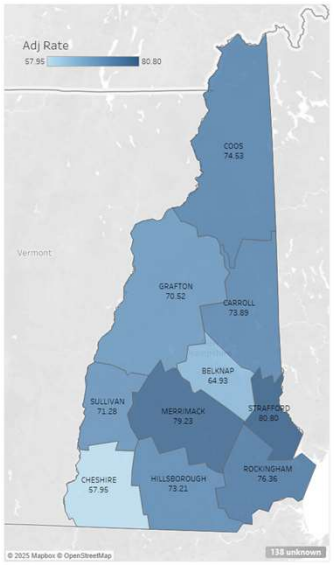
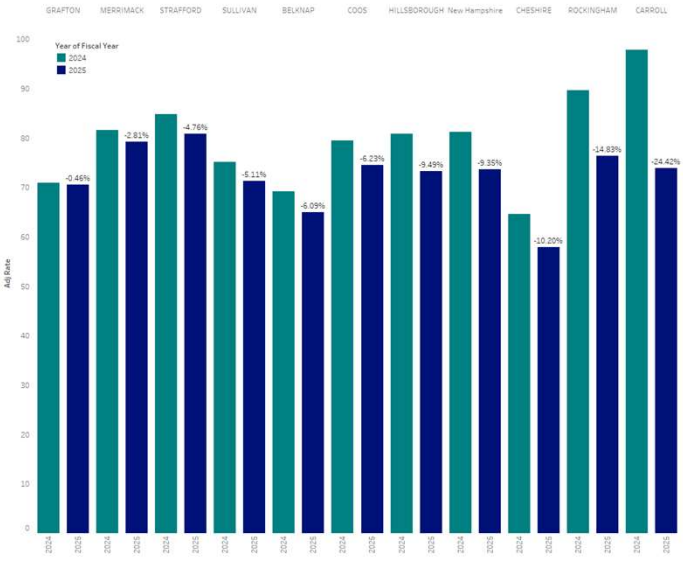
23

Residents with a Stimulant Rx by County *Age-Adjusted per 1,000





SFY 2025

- Statewide, there was a 9.35% decrease in the number of persons with a stimulant Rx from SFY24 to SFY25
- All New Hampshire counties had decreases. Carroll County had the greatest decrease of 24.42

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24

Trends in Controlled Substance Prescribing

New Hampshire, SFY 2018-2025

Objective

Track changes in prescribing volume and intensity for:

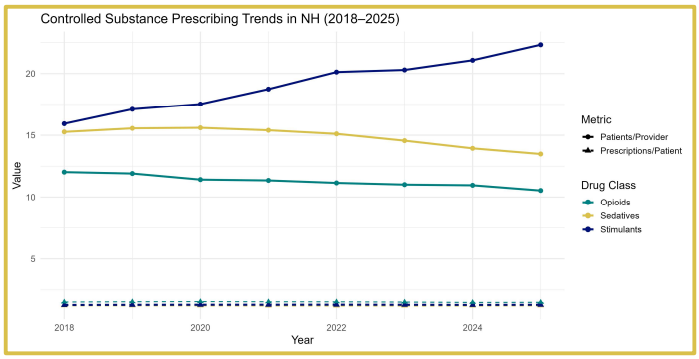
- Stimulants
- Opioids
- Sedatives

Key Findings

- **Stimulants**:
  ↑ Patients per provider
- ↔ Prescriptions per patient
- **Opioids**:
  ↓ Patients per provider
  ↔ Prescriptions per patient
- **Sedatives**:
  ↓ Patients per provider
  ↔ Prescriptions per patient

Conclusion

Prescribing trends are driven by **patient volume**, not intensity.
→ Monitor both to guide public health interventions.



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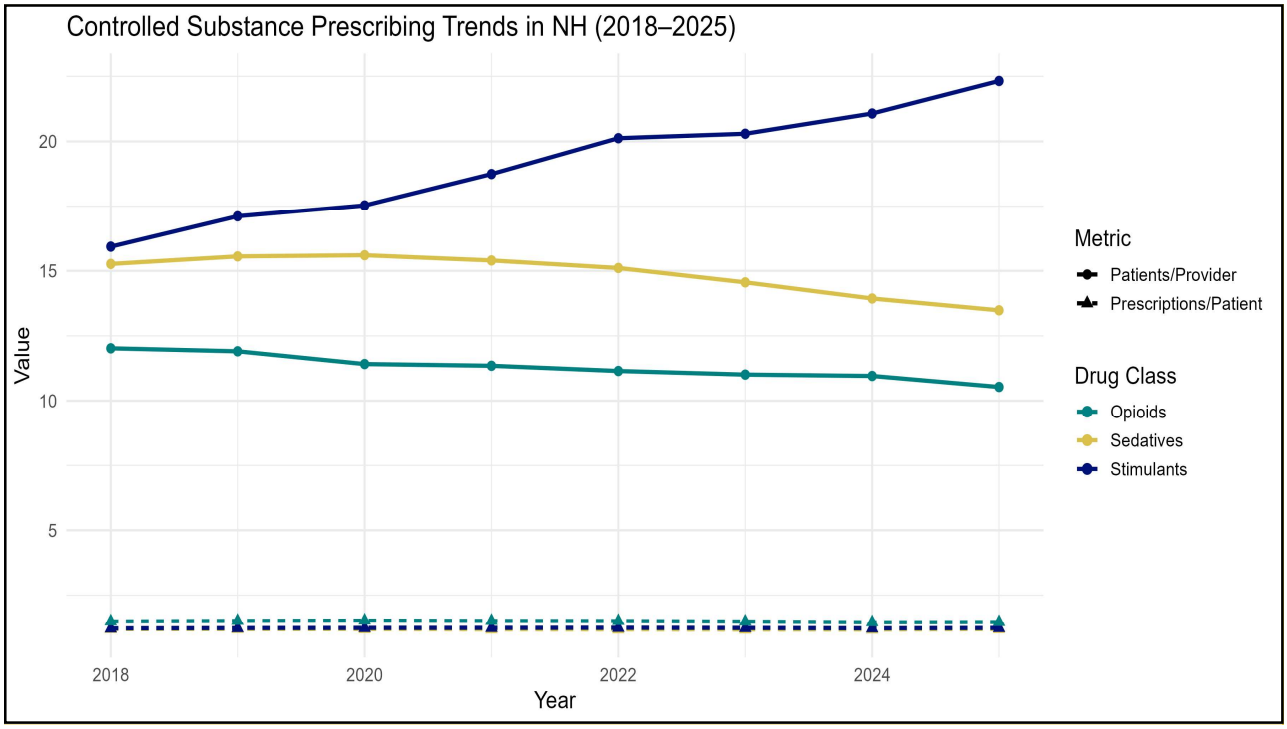
25



26

Trends in Dextroamphetamine Prescribing

New Hampshire, SFY 2018-2025

Method of Analysis

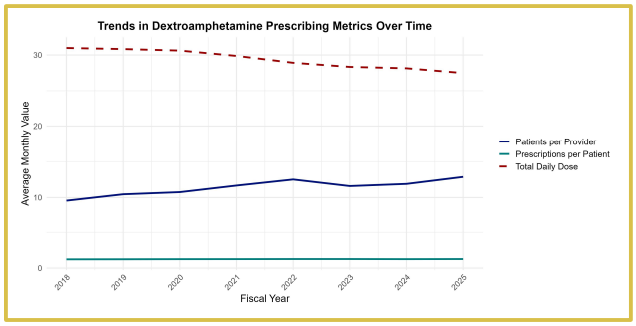
Prescribing trends were analyzed using linear regression models on data from SFY 2018 to SFY 2025. Key variables included average monthly prescriptions per patient, patients per provider, and total daily dose. Time trends were assessed using fiscal year as a numeric predictor, and multivariate model were used to evaluate combined effects.

Trends over Time

- Model Interpretation:
  ↑ Patients per provider
  ↑ Prescriptions per patient
  ↓ Total daily dose
  ↑ Prescriptions per provider
- Multivariate Model Interpretation:
  ↑ Patients per provider
  ↑ Prescriptions per patient
  - Total daily dose

Conclusion

Prescribing volume for dextroamphetamine is increasing, driven by more patients per provider and a slight rise in prescriptions per patient. However, total daily dose is declining, suggesting a shift toward lower-intensity prescribing even as overall volume grows.



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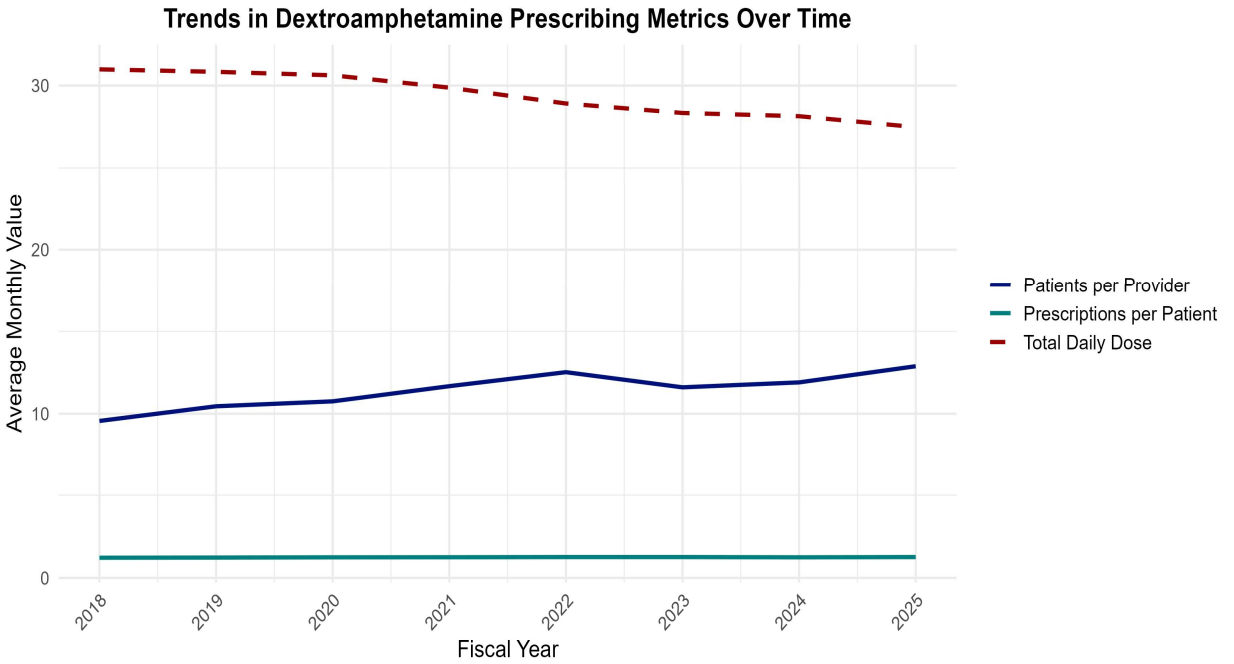
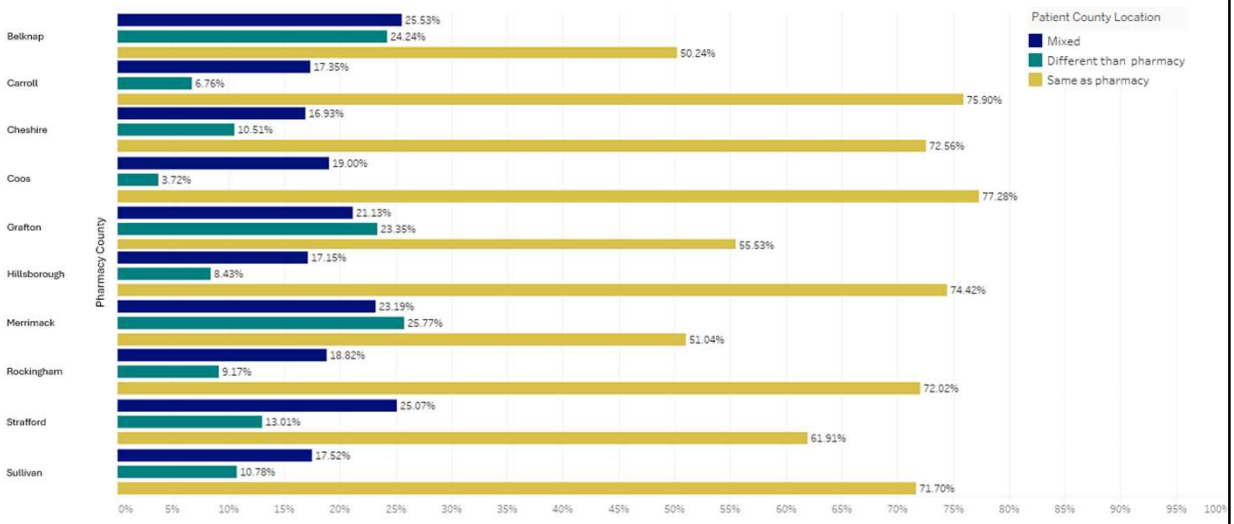
27



28

Stimulant Dispensations Pharmacy Location vs Patient Residence



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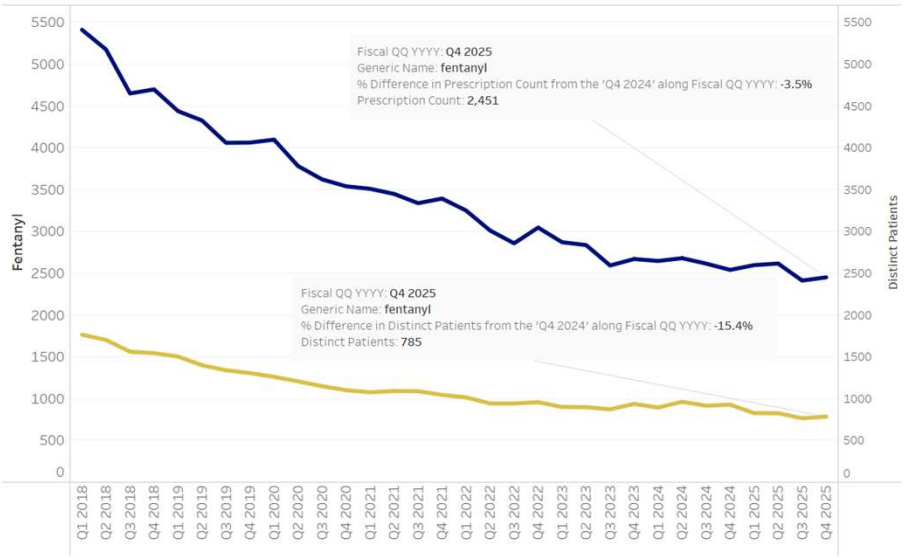
29

Other Drugs of Interest

July 1, 2024- June 30, 2025

30

Prescription Fentanyl *NH Residents Only



YoY Change
(SFY 2024-2025)

- Rx Count ↓ -3.5%
- Distinct Patients ↓ -15.4%

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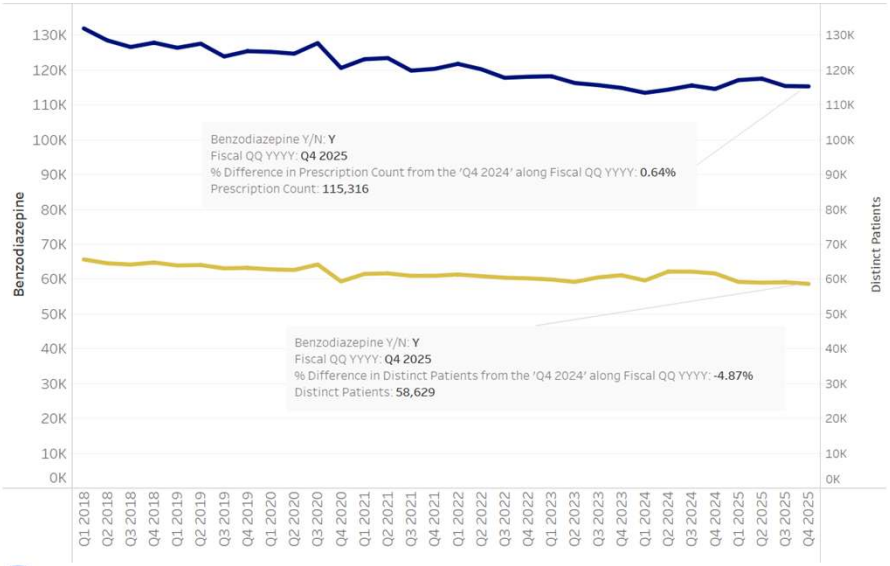
31

Benzodiazepine *NH Residents Only



YoY Change
(SFY 2024-2025)

- Rx Count ↑ 0.64%
- Distinct Patients ↓ -4.87%

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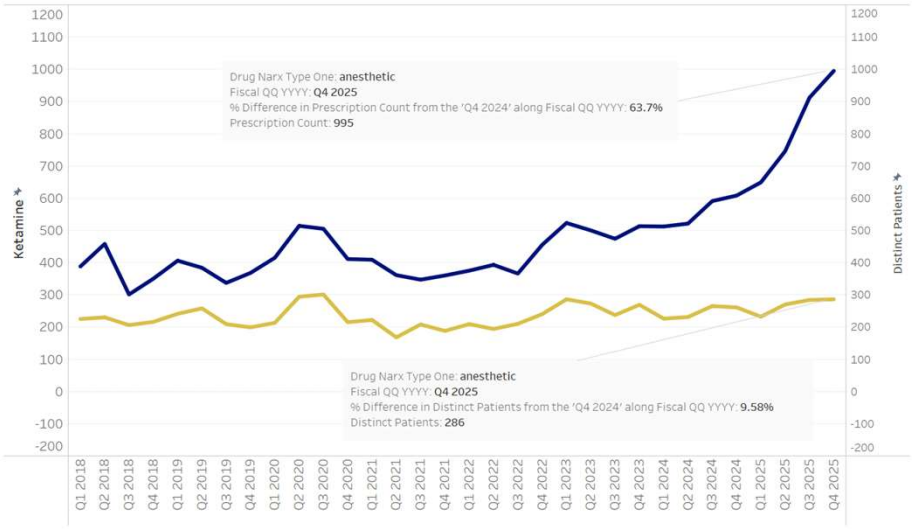
32

Ketamine/Esketamine *NH Residents Only



YoY Change
(SFY 2024-2025)

- Rx Count 63.7% ⬆
- Distinct Patients 9.6% ⬆

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33

Prescription Auditing

July 1, 2024- June 30, 2025

34

Prescription Auditing – Error Type and Severity SFY 2025



Human

Error Type	Count of Errors	% of error type
Moderate	10	91%
Severe	1	9%
Total	**11**	**100%**

Animal

Error Type	Count of Errors	% of error type
Moderate	0	0%
Severe	4	100%
Total	**4**	**100%**

Prescription recipient	Number of Rx audited	Fields per Rx	Potential error fields	Fields with errors	Field error rate
Human	360	17	6,120	11	0.18%
Animal	36	18	648	4	0.61%
Totals	**396**	**n/a**	**6,768**	**15**	**0.22%**

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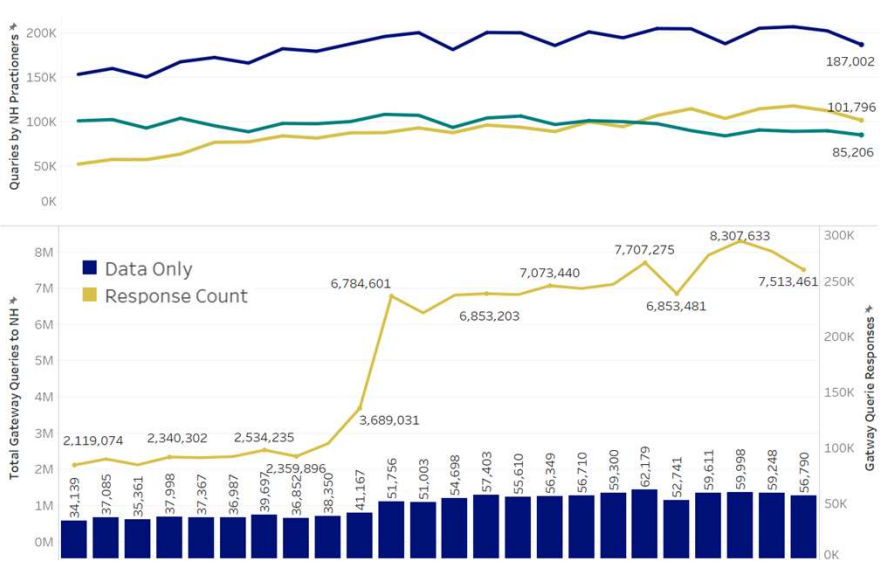
35

User Registration

July 1, 2024- June 30, 2025

36

Patient Queries by NH Practitioners and Gateway Queries to NH



YoY Change in Patient Queries
(SFY 2024-2025)

- Total ↑ 3%
- AWARxE ↑ 8.7%
- Gateway ↓ 2.9%
- To NH ↑ 19%
- Data Response ↑ 11%

*In April of 2024, a Gateway update allowed out of state practitioners to more easily query NH residents from the EHR at time of care.

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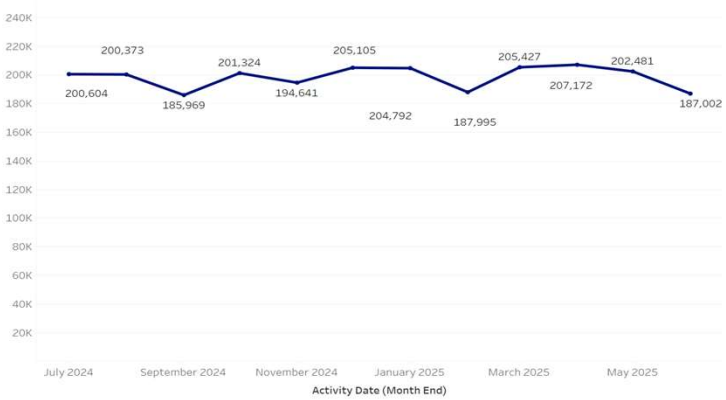
37

PDMP User Roles and Patient Request Activity (SFY 2025)

User Role	
Grand Total	2,382,876
Pharmacist	992,131
Prescriber Delegate - Unlicensed	605,454
Nurse Practitioner / Clinical Nurse Specialist	271,799
Physician (MD, DO)	240,094
Prescriber Delegate - Licensed	158,576
Physician Assistant	63,685
Dentist	11,623
Medical Resident with Prescriptive Authority	9,844
Pharmacist's Delegate - Unlicensed	8,512
VA Prescriber	8,262
Pharmacist's Delegate - Licensed	6,803
VA Dispenser	2,577
Pharmacist in Charge	1,775
Podiatrist (DPM)	931
COVID19 Prescriber Out of State	529
Telehealth Prescriber	95
COVID19 Pharmacist Out of State	69
Medical Examiner/Coroner	64
Naturopathic Physician	25
Veterinarian	21
Optometrist	6
Medical Examiner - Delegate	1



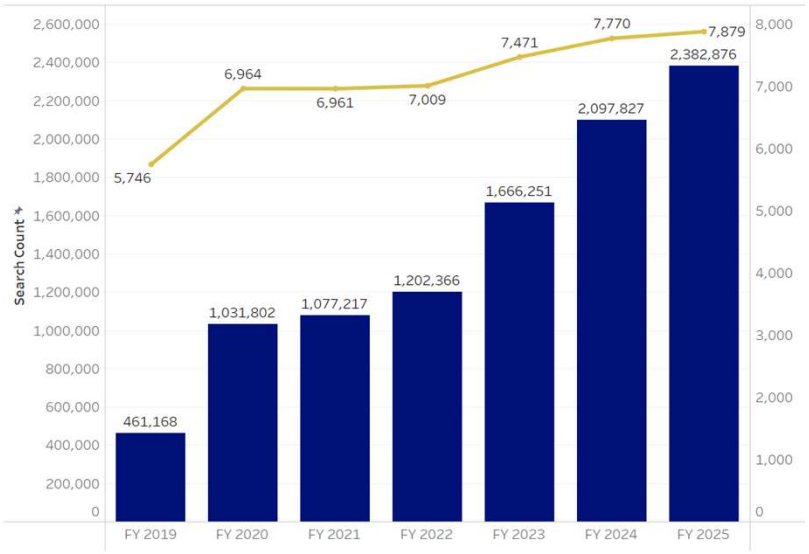
SFY 2025

- Pharmacists accounted for the highest amount of patient searches
- Patient searches have decreased roughly 6.7% in 2025

NH Department of Health & Human Services

38

Patient Search Counts and Count of Users Making the Searches



SFY 2024 – SFY 2025

- Patient searches have increased each year since 2016.
- The average number of searches per user has increased from 270 in FY 2024 to 302 in FY 2025

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39

Any Questions?

40