

Oregon Prescription Drug Monitoring Program 2021 4th Quarter Report

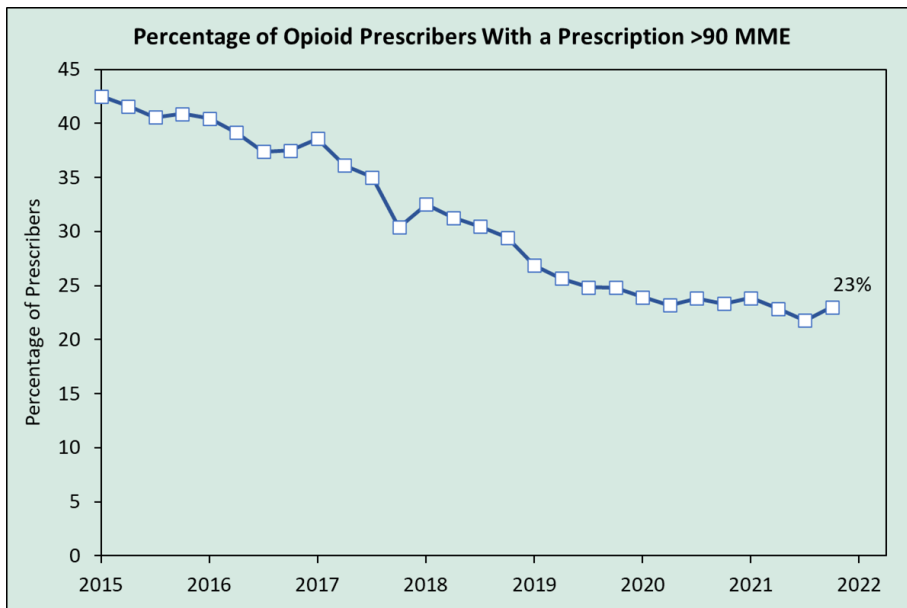
Percentage change evaluated relative to 4th Quarter, 2020

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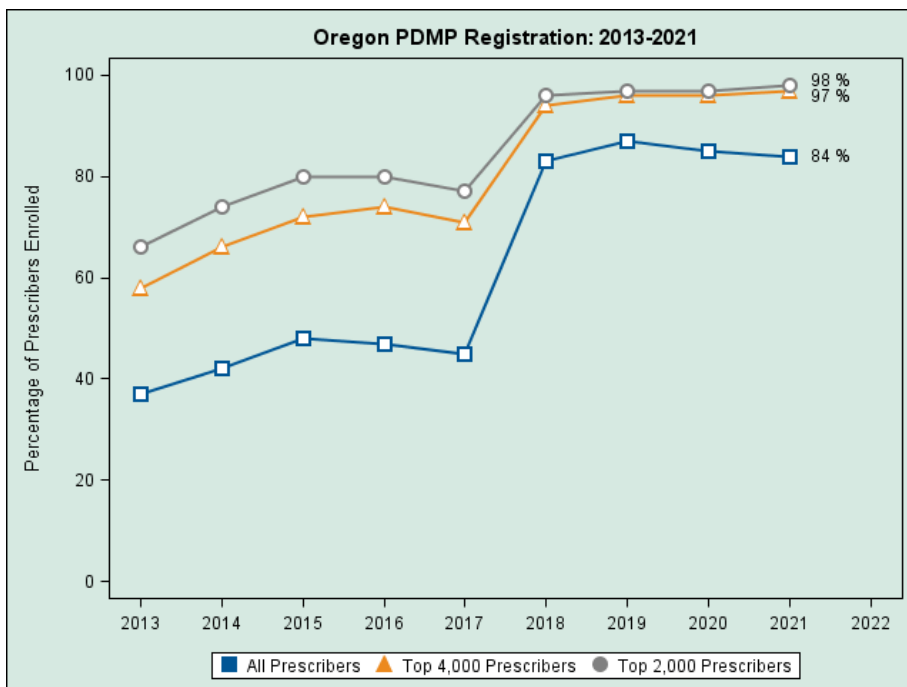


Summary

- Integrated queries have increased 23.6% while web queries have slightly increased by 2.5% from the 4th quarter of 2020 (Table 1).
- Prescriptions for amphetamine (+ 16.3%) and methylphenidate (+ 8.9%) have increased the most since 2020 Q4 relative to the rest of the most commonly prescribed controlled substances (Table 5).
- Total user accounts have decreased for all user disciplines. This is likely due to the periodic removal of inactive accounts.



- Percent changes included in this report should be interpreted with caution since the comparison quarter (2020 Q4) was during the COVID-19 pandemic in the United States before vaccinations were available, where many aspects of medical care were different.
- 23% of opioid prescribers this quarter were responsible for at least one prescription of over 90 morphine milligram equivalents (MME), as shown in the figure below.



(Note: Report updated August 2022 to reflect more accurate query count.)

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Table 1. PDMP Queries Summary Statistics: October-December, 2021

Measure	Web Portal	% Change*	Integrated	% Change*
Queries †	299,597	+ 2.5%	7,553,127	+ 23.6%
Healthcare providers	85,114	+ 8.2%	6,373,770	+ 23.4%
Pharmacies	66,211	+ 1.6%	1,179,357	+ 24.7%
Delegates	148,054	-0.2%	-	-

- Web Portal queries have increased from the same quarter last year across most user groups.
- The number of integrated queries continues to increase.
- Patterns of PDMP use are likely driven by the increasing adoption of PDMP integration by hospitals, clinics and pharmacies.

Table 2. Special Requests: October-December, 2021

Measure	Count
Special Requests Total	69
Patient Records	12
Healthcare Board	54
Law Enforcement	3

- 69 special requests were received and processed by PDMP staff.
- Healthcare boards were the most frequent originators of these requests.
- Request numbers appear to have rebounded after decreases seen during the COVID-19 pandemic.

* Percentage change figures evaluated relative to the same time period during the prior year.

† Query data drawn from Appriss AWARe web portal, the PMPi Gateway audit file and the EDIE supplementary audit file. Queries de-duplicated using last name, date of birth, prescriber ID and date of query.

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Table 3. PDMP Enrollment and System Use: October-December, 2021

	Prescribers	Enrolled	Web Queried	Integrated	Total Queried
All Prescribers (by DEA)*	18,731	15,671 / 83.7 %	5,272 / 33.6 %	11,663 / 74.4 %	12,917 / 82.4 %
Top 4K Prescribers	4,000	3,866 / 96.7 %	2,145 / 55.5 %	3,445 / 89.1 %	3,694 / 95.6 %
Top 2K Prescribers	2,000	1,963 / 98.2 %	1,171 / 59.7 %	1,771 / 90.2 %	1,885 / 96.0 %

- During the 4th quarter of 2021 there were 18,731 prescribers who wrote prescriptions for controlled substances in Oregon.
- At the close of the 4th quarter, 82.4% of enrolled prescribers queried the system; 95.6% of the top 4,000 prescribers; 96.0% of the top 2,000 prescribers through the web portal or integration.
- A higher percentage of enrolled prescribers queried the system through the integrated interface (74.4%) as compared to queries through the website (33.6%).

Table 4. PDMP Query by Clinical User Group: October-December, 2021

Discipline	Total User Accounts (by DEA)*	% Change*	Web Users±†	% Change*	Integrated Users	% Change*
MD/PA/DO	18,300	-10.1%	1,184	-2.7%	13,463	+ 5.9%
NP/CNS-PP	5,192	-26.2%	1,015	+6.8%	3,240	+ 10.4%
RPh	4,045	-34.6%	1,462	-5.4%	413	+ 44.4%
Delegates	3,903	-30.6%	1,742	-10.8%	-	-
DDS/DMD	3,588	-36.8%	411	+2.5%	212	+ 1.4%
ND	1,476	-59.3%	150	+2.7%	455	+ 14.3%

- Patterns of registration are likely driven by state mandated PDMP registration for prescribers and HIT integration efforts undertaken by health care systems.
- Users continue to access the PDMP through the web portal with decreases in queries for the following disciplines: MD/PA/DO, RPh, and Delegates. Integrated user continue to increase.
- Total user accounts may have decreased due to periodic removal of inactive accounts, which is done as a data security precaution.

* Prescriber counts provided by unique DEA Number. Please note some providers may be associated with multiple DEA numbers.

* Percentage change figures evaluated relative to the same time period during the prior year.

± Users that have submitted a query this quarter.

† Query data drawn from Appriss AWAxR and PMPi Gateway.

Queries de-duplicated using last name, date of birth, prescriber ID and date of query.

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Table 5. Top Prescriptions: October-December, 2021

Drug	# of Rx	% of all Rx	% Change*
All	1,660,422	100 %	- 0.9%
Hydrocodone	228,897	13.8 %	- 8.5 %
Gabapentin	224,503	13.5 %	- 1.3 %
Oxycodone	223,583	13.5 %	- 4.2 %
Amphetamine	182,022	11.0 %	+ 16.3 %
Lorazepam	81,920	4.9 %	- 4.8 %
Tramadol	78,298	4.7 %	- 7.8 %
Methylphenidate	78,071	4.7 %	+ 8.9 %
Zolpidem	65,057	3.9 %	- 6.9 %
Alprazolam	59,340	3.6 %	- 7.0 %
Clonazepam	58,529	3.5 %	- 6.3 %

- Prescriptions for stimulants (i.e., amphetamine, methylphenidate) increased relative to the same quarter last year.
- Oxycodone and hydrocodone prescriptions decreased.
- The number of prescriptions for some commonly prescribed benzodiazepines decreased (i.e., alprazolam, clonazepam, lorazepam).

Table 6. Prescriptions for Buprenorphine and Naloxone: October-December, 2021

Drug	# of Rx	% of all Rx	% Change*
Buprenorphine/Naloxone	43,284	2.6 %	+ 0.7 %
Buprenorphine	22,584	1.4 %	+ 4.8 %
Naloxone	5,566	0.3 %	+ 28.9 %

- Prescriptions for naloxone and buprenorphine/naloxone have increased while prescriptions for buprenorphine have decreased relative to the same quarter last year.

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