

Oregon Prescription Drug Monitoring Program 2019 1st Quarter Report

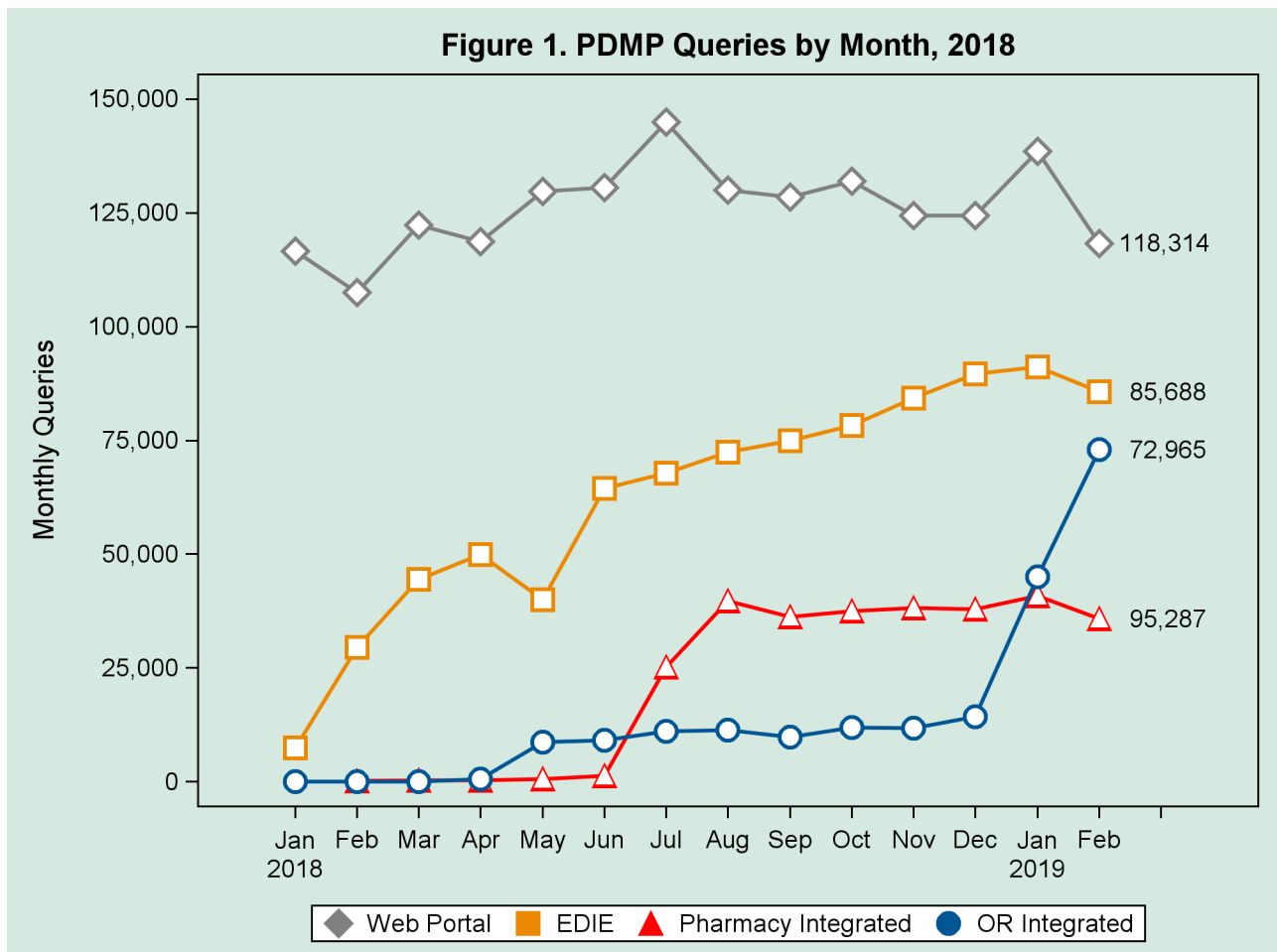
Percentage change evaluated relative to 1st Quarter, 2018

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Summary

- AWARe web portal queries increased 11% (Table 1). Integrated queries through the Emergency Department Information Exchange (EDIE), hospitals, clinics and pharmacies have all increased over the last year (Figure 1).
- Registration has increased among all prescriber types (MD/PA/DO, 201%; NP, 101%; DDS/DMD, 163%; ND, 87%), pharmacists (3%) and delegates (57%) (Table 4).
- The number of active users of the PDMP through the web portal has increased among all prescriber types (MD/PA/DO, 23%; NP, 23%; DDS/DMD, 59%; ND, 21%), pharmacists (6%) and delegates (34%) (Table 4).
- Prescriptions for opioids continued to trend downward (Hydrocodone, -13%; Oxycodone, -9%), while stimulants have increased (Amphetamine, +18%; Methylphenidate) (Table 5).
- Prescriptions have increased for buprenorphine (+36%) and buprenorphine/naloxone (+18%) and naloxone (+203%) (Table 6).



† Query data drawn from Apriss AWARe for back compatibility with past reporting. Queries de-duplicated using last name, date of birth, prescriber ID and date of query.

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Table 1. Summary Statistics: January-March, 2019

Measure	Count	% Change*
Pharmacy Reporting	95 %	-
Queries †	388,287	+10.8 %
Healthcare providers	101,323	+13.6 %
Pharmacies	117,878	-3.8 %
Delegates	168,432	+25.1 %

- Web portal queries have increased by 11% over the same quarter last year.
- Growth in queries is greatest among delegates (25%) followed by health care providers (14%).
- Querying activity by pharmacists has declined slightly (4%).
- Slowed growth in these numbers may reflect the expansion of PDMP integration and increasing use of integrated query through health information technology (HIT) by prescribers and pharmacists in Oregon (Figure 1).

Table 2. Special Requests: January-March, 2019

Measure	Count
Special Requests Total	115
Patient Records	16
Healthcare Board	81
Law Enforcement	18

- 115 special requests were received and processed by PDMP staff.
- Healthcare boards are the most frequent originators of these requests followed by law enforcement and patients.

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

† Query data drawn from Appriss AWAxRE for back compatibility with past reporting.

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: January-March, 2019

	Prescribers	Enrolled	Queried
All Prescribers	17,182	14,395 / 83.8 %	7,665 / 53.2 %
Top 4K Prescribers	4,000	3,769 / 94.2 %	2,870 / 76.1 %
Top 2K Prescribers	2,000	1,924 / 96.2 %	1,577 / 82.0 %

- During the 1st quarter of 2019 there were 17,182 prescribers who wrote prescriptions for controlled substances in Oregon.
- Registration for the PDMP has increased dramatically among all prescribers and especially among frequent prescribers reflecting the impact of mandatory registration.
- In quarter one 53% of enrolled prescribers queried the system; 76% of the top 4,000 prescribers; 82% of the top 2,000 prescribers.

Table 4. PDMP Query by User Group: January-March, 2019

Discipline	Total User Accounts	% Change*	Active Users ^{±†}	% Change*	Average Queries per User ^{±†}
MD/PA/DO	16,104	+200.7 %	3,036	+22.8 %	109
Delegates	4,383	+56.6 %	2,579	+34.1 %	297
RPh	3,230	+3.4 %	1,927	+5.6 %	338
NP/CNS-PP	3,213	+101.1 %	1,083	+22.8 %	124
DDS/DMD	2,662	+163.3 %	490	+58.6 %	34
ND	527	+86.9 %	159	+21.4 %	52

- PDMP registration has increased among all prescriber groups, pharmacists and delegates.
- The number of registered users actively querying the PDMP through the web portal increased relative to the same quarter last year.
- Patterns of registration and use are likely driven by state mandated PDMP registration for prescribers and HIT integration efforts undertaken by health care systems.

* 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 AWA RxE for back compatibility with past reporting.

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

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Table 5. Top Prescriptions: January-March, 2019

Drug	# of Rx	% of all Rx	% Change*
All	1,455,747	100.0 %	-4.2 %
Hydrocodone	2657,20	18.3 %	-12.7 %
Oxycodone	226,368	15.5 %	-8.8 %
Amphetamine	145,281	10.0 %	+18.1 %
Pseudoephedrine	88,097	6.1 %	+9.7 %
Tramadol	83,818	5.8 %	-4.6 %
Lorazepam	80,954	5.6 %	-9.3 %
Zolpidem	75,251	5.2 %	-10.1 %
Methylphenidate	67,929	4.7 %	+1.6 %
Alprazolam	65,217	4.5 %	-6.7 %
Clonazepam	62,573	4.3 %	-6.0 %

- The number of prescriptions for opioid and benzodiazepine medications continues to decrease relative to the same quarter last year.
- Prescriptions for stimulants, including amphetamine, methylphenidate and pseudoephedrine, increased relative to the same quarter last year.
- Stimulants Pseudoephedrine and methylphenidate have overtaken popular benzodiazepines alprazolam (Xanax) and clonazepam (Klonopin).

Table 6. Prescriptions for Buprenorphine and Naloxone: January-March, 2019

Drug	# of Rx	% of all Rx	% Change*
Buprenorphine/Naloxone	29,925	2.1 %	+17.5 %
Buprenorphine	18,042	1.2 %	+35.6 %
Naloxone	2,267	0.2 %	+202.7 %

- Prescriptions for buprenorphine and buprenorphine/naloxone combinations have increased relative to the same quarter last year.
- The apparent growing number of naloxone prescriptions may reflect increased reporting by pharmacies or an increase in naloxone co-prescription by clinicians or pharmacists.

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