

Oregon's PDMP 101



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Oregon
Health
Authority

Presentation Objectives

- Explain the purpose and goals of Oregon's PDMP
- Identify how PDMPs can improve patient safety and health outcomes
- Resources



Why have a PDMP?

- An opioid prescription is dispensed to 1 in 4 Oregonians each year – a lot of opioids
- Opioid overdose epidemic
- Patient safety concerns
- Prescribers responsible for safety lack information they need
- Dependency and addiction concerns
- Over prescribing concerns

Purpose and Business Goals of the PDMP

Program Purposes:

1. Provide authenticated users who are licensed to prescribe schedule II-IV drugs electronic access to patient level data for drugs that have been dispensed to the patient by licensed pharmacies.
2. Implement activities to assist system users to screen patients whose prescription drug purchases have exceeded an extreme threshold.
3. Reduce diversion of prescription drugs by providing information to prescribers.
4. Use data to inform, develop, and implement population based prevention approaches to reduce PDO.

Business goals:

1. Provide an electronic system that collects, manages, and stores data on prescription dispensation that can be accessed by providers, dispensers, and OHA users.
2. Utilize system via queries and reports to inform prescription providers of anomalies in patient drug access behavior.
3. Utilize system data to monitor spatial and temporal changes in drug dispensation at the population level to educate and inform health care providers.

What is a PDMP?

- PDMP is a web based queryable database that contains a set of information on all controlled substance prescriptions dispensed to patients in Oregon.
- The patient report is a line list of every prescription dispensed up to 3 years.
- The prescriber threshold report lists all patients who exceed 4 risk thresholds
- The mapping report maps patient use of prescribers and pharmacies
- PDMP data are available to authorized users
- Legislature passed mandate in June 2009 and the PDMP was launched September 2011.

PDMP collects pharmacy data

Patient information

- First and last names, middle initial
- Date of birth
- Sex
- Address
- Drug code number
- Date drug was prescribed
- Date drug was dispensed
- Quantity of drug dispensed

Pharmacy and practitioner information

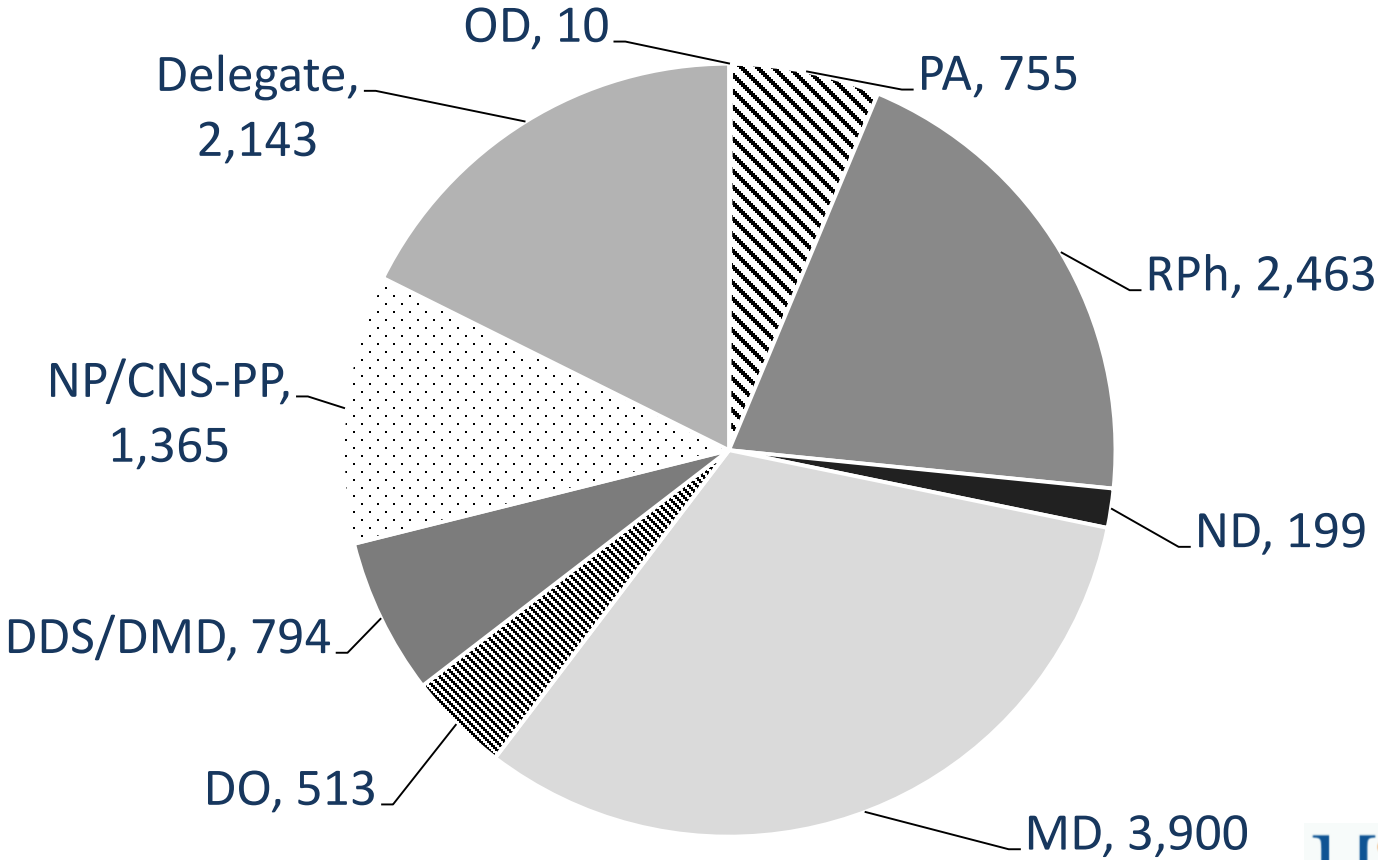
- Dispensing pharmacy
- Prescriber



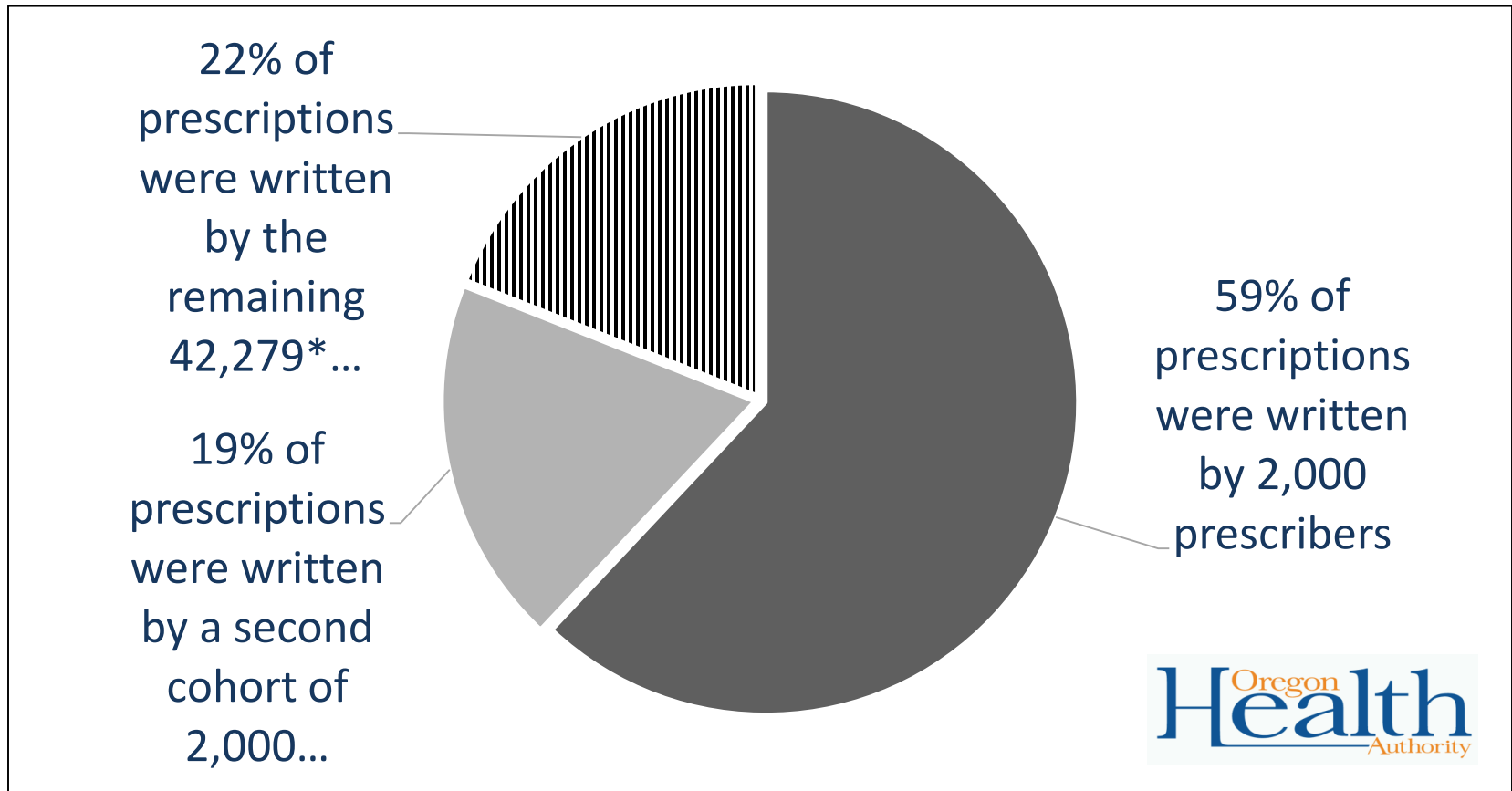
Who has access to the PDMP?

- Licensed healthcare providers, pharmacists and their delegates authorized by the OHA
- PDMP staff administer the program
- Vendor personnel maintain the system

PDMP system accounts by discipline, Oregon: September 2011 to December 2015, n=12,142



Percentage of controlled substance prescriptions written by prescribing cohort: Oregon, 2015



72% of top 4,000 prescribers registered – top two cohorts

79% of top 2,000 prescribers registered – top cohort

PDMP registration and resources

- Go to: www.orpdmp.com/health-care-provider/
- Read directions and FAQs please
- Create an electronic request
- Download and complete an enrollment form and send it and a photocopy of drivers license to PDMP
- Training videos available on the website
- Advisory Commission reports available on the website
- PDMP system metrics available on the website

NORMINGTON SHANNON

Search Criteria: Last Name '_____' and First Name '_____' and D.O.B. = '_____' and Address = '' and Request Period = '10/19/15' to '04/18/16' - 3 out of 3 Recipients Selected.

Patients that match search criteria

0	Patient Name Last, First MI	DOB MM/DD/YYYY	Street Address	PORTLAND OR	Zip Code
Fill Date	Product, Str, Form	Qty	Pt ID	Prescriber Written	RX# Pharm
04/15/2016	METHADONE HCL 5 MG TABLET	90.000		0007 04/12/2016	3077718 0003
04/15/2016	DIAZEPAM 2 MG TABLET	20.000		0003 04/12/2016	1238817 0003
03/18/2016	METHADONE HCL 5 MG TABLET	90.000		0007 03/17/2016	3077144 0003
03/18/2016	DIAZEPAM 2 MG TABLET	120.000		0003 01/15/2016	1229051 0003
03/18/2016	ZOLPIDEM TARTRATE 10 MG TABLET	15.000		0003 01/15/2016	1229061 0003
02/18/2016	METHADONE HCL 5 MG TABLET	90.000		0007 02/12/2016	3076486 0003
02/02/2016	DIAZEPAM 2 MG TABLET	120.000		0003 01/15/2016	1229051 0003
02/02/2016	ZOLPIDEM TARTRATE 10 MG TABLET	15.000		0003 01/15/2016	1229051 0003
01/17/2016	METHADONE HCL 5 MG TABLET	84.000		0004 01/14/2016	3075792 0003
12/21/2015	DIAZEPAM 2 MG TABLET	120.000		0003 11/20/2015	1223597 0003
12/21/2015	METHADONE HCL 5 MG TABLET	84.000		0004 12/18/2015	3075187 0003
12/21/2015	ZOLPIDEM TARTRATE 10 MG TABLET	15.000		0003 09/01/2015	1215492 0003
11/23/2015	DIAZEPAM 2 MG TABLET	120.000		0003 11/20/2015	1223597 0003
11/23/2015	METHADONE HCL 5 MG TABLET	84.000		0006 11/20/2015	3074533 0003
11/17/2015	HYDROCODON-ACETAMINOPHEN 5-325	60.000		0005 11/16/2015	N-50366 0004
11/04/2015	OXYCODONE HCL 5 MG TABLET	90.000		0005 11/02/2015	2319067 0001
10/30/2015	METHADONE HCL 5 MG TABLET	84.000		0004 10/26/2015	3073962 0003
10/30/2015	ZOLPIDEM TARTRATE 10 MG TABLET	15.000		0003 09/01/2015	1215492 0003
10/27/2015	OXYCODONE HCL 5 MG TABLET	80.000		0002 10/27/2015	654066 0002
10/22/2015	OXYCODONE HCL 5 MG TABLET	90.000		0001 10/22/2015	2318697 0001

Prescribers for prescriptions listed

- 0001 Prescriber Name and Address
- 0002 Prescriber Name and Address
- 0003 Prescriber Name and Address
- 0004 Prescriber Name and Address
- 0005 Prescriber Name and Address
- 0006 Prescriber Name and Address
- 0007 Prescriber Name and Address

Pharmacies that dispensed prescriptions listed

- 0001 FRED MEYER INC; ATTN: PHARMACY,
- 0002 WALGREEN CO.; DEA: WALGREENS #
- 0003 VA MEDICAL CTR; VAMC-, ATTN PHARMACY,
- 0004 THE APOTHECARY EHC;

Patients that match search criteria

Patient Name Variation 1	DOB MM/DD/YYYY	Address 1	PORTLAND OR 97212
Patient Name Variation 1	DOB MM/DD/YYYY	Address 2	PORTLAND OR 97212
Patient Name Variation 2	DOB MM/DD/YYYY	Address 3	PORTLAND OR 97212

Report Disclaimer

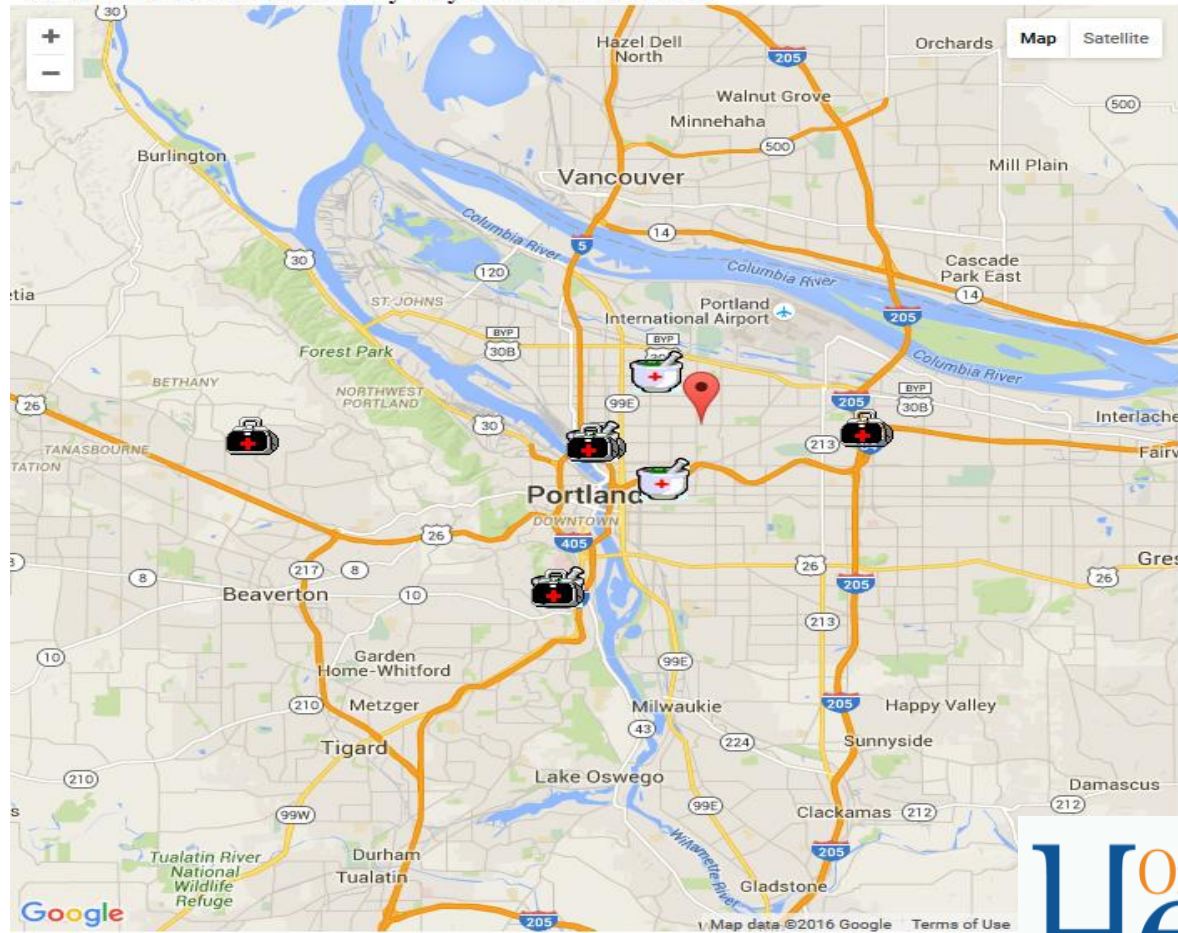
The Oregon PDMP makes no claims, promises, or guarantees about the accuracy, completeness, or adequacy of the contents of this report, and expressly disclaims liability for errors and omissions in the contents of this report. The records herein are based on information submitted by pharmacies. Records in this report should be verified with the patient before any clinical decisions are made or actions are taken. Access to the record of an individual who is not a patient under the care of the person accessing the record is not permitted by law.

PDMP Patient Report



PDMP mapping function

* Locations are estimates and may vary from actual locations.



Who is most at risk?

- Patients on doses >100 mg MEDD
- Patients on doses >40 mg Methadone
- Patients who are coprescribed benzos and opioids
- Patients on opioids >90 days
- Patients who have a history of mental illness
- Have a history of substance misuse are at highest risk for overdosing



Sources: Policy Impact: Prescription Painkiller Overdoses:
<http://www.cdc.gov/homeandrecreationalafety/rxbrief/> and
IVPP unpublished data

PDMP threshold report, p. 1

- Recipient Query
- Prescriber History Query
- Prescriber DEA Query
- Prescriber Dashboard

*Recipient Details

Recipient: [REDACTED] / [REDACTED] DOB: [REDACTED]

CLAIMS

Date	Pharmacy DEA	Pharmacy Name	NDC	Drug Name / Strength	Opioids	Methadone	Benzos	Days of Supply
04/15/16		VA MEDICAL CTR	00054457025	METHADONE HCL 5 MG TABLET	45	45		30
04/15/16		VA MEDICAL CTR	00172392560	DIAZEPAM 2 MG TABLET	0	0	X	10
03/18/16		VA MEDICAL CTR	00054457025	METHADONE HCL 5 MG TABLET	45	45		30
03/18/16		VA MEDICAL CTR	00172392560	DIAZEPAM 2 MG TABLET	0	0	X	30
03/18/16		VA MEDICAL CTR	00378531005	ZOLPIDEM TARTRATE 10 MG T	0	0		30
02/18/16		VA MEDICAL CTR	00054457025	METHADONE HCL 5 MG TABLET	45	45		30
02/02/16		VA MEDICAL CTR	00172392560	DIAZEPAM 2 MG TABLET	0	0	X	30
02/02/16		VA MEDICAL CTR	00093007401	ZOLPIDEM TARTRATE 10 MG T	0	0		30
01/17/16		VA MEDICAL CTR	00054457025	METHADONE HCL 5 MG TABLET	45	45		28
12/21/15		VA MEDICAL CTR	00406575501	METHADONE HCL 5 MG TABLET	45	45		28
12/21/15		VA MEDICAL CTR	00172392560	DIAZEPAM 2 MG TABLET	0	0	X	30
12/21/15		VA MEDICAL CTR	00603646921	ZOLPIDEM TARTRATE 10 MG T	0	0		30
11/23/15		VA MEDICAL CTR	00172392560	DIAZEPAM 2 MG TABLET	0	0	X	30
11/23/15		VA MEDICAL CTR	00406575501	METHADONE HCL 5 MG TABLET	45	45		28
11/17/15		THE APOTHECARY EHHC	00406012301	HYDROCODON-ACETAMINOPHEN	38	0		8
11/04/15		FRED MEYER INC	10702001801	OXYCODONE HCL 5 MG TABLET	113	0		6
10/30/15		VA MEDICAL CTR	00406575501	METHADONE HCL 5 MG TABLET	45	45		28
10/30/15		VA MEDICAL CTR	00603646921	ZOLPIDEM TARTRATE 10 MG T	0	0		30
10/27/15		WALGREEN CO.	00406055201	OXYCODONE HCL 5 MG TABLET	150	0		4
10/22/15		FRED MEYER INC	10702001801	OXYCODONE HCL 5 MG TABLET	169	0		4
10/13/15		VA MEDICAL CTR	00172392560	DIAZEPAM 2 MG TABLET	0	0	X	30
10/05/15		VA MEDICAL CTR	00406575501	METHADONE HCL 5 MG TABLET	0	0		28
10/05/15		VA MEDICAL CTR	00603646921	ZOLPIDEM TARTRATE	0	0		30



PDMP threshold report, p. 2

Threshold 1 - Receiving opioids at greater than 120 mg MED daily

Date	Opioids
10/27/15	150
10/22/15	169

Threshold 2 - Receiving methadone at greater than 40 mg MED daily

Date	Methadone
04/15/16	45
03/18/16	45
02/18/16	45
01/17/16	45
12/21/15	45
11/23/15	45
10/30/15	45
10/05/15	45

Threshold 3 - Receiving opioids for longer than 90 consecutive days

Start Date	End Date	Days
10/05/15	02/13/16	132

Threshold 4 - Concurrently receiving opioids and benzodiazepines

(This table displays the latest instance of concurrent opioid and benzodiazepine usage; please look at the claims table above for additional instances)

Date	Pharmacy DEA	Pharmacy Name	NDC	Drug Name / Strength	Opioids	Methadone	Benzos	Days of Supply
04/15/16		VA MEDICAL CTR	00054457025	METHADONE HCL 5 MG TABLET	45	45		30
04/15/16		VA MEDICAL CTR	00172392560	DIAZEPAM 2 MG TABLET	0	0	X	10

Threshold 5 - Being prescribed medications by 4 or more prescribers and being dispensed medications by 4 or more pharmacies

PHARMACIES

Pharmacy DEA	Pharmacy Name
	FRED MEYER INC
	THE APOTHECARY EHC
	VA MEDICAL CTR
	WALGREEN CO.

PRESCRIBERS

Prescriber DEA	Prescriber Name



Resources

PDMP website: <http://www.orpdmp.com/>

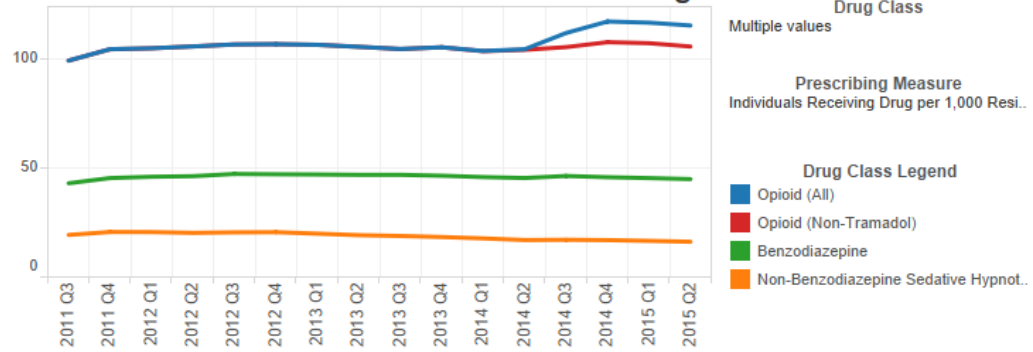
OHA website: www.healthoregon.org/opioids

Reducing Opioid Overdose & Misuse

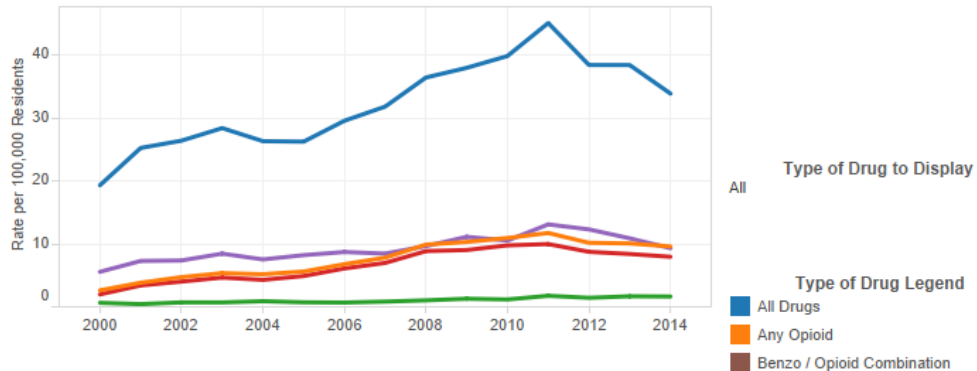
- State prevention plan
- Data visualization, queryable, downloadable
- Prescribing guidelines
- Treatment directory
- Pain management resources
- Naloxone rescue protocols and training

Statewide Drug Prescribing and Overdose Measures

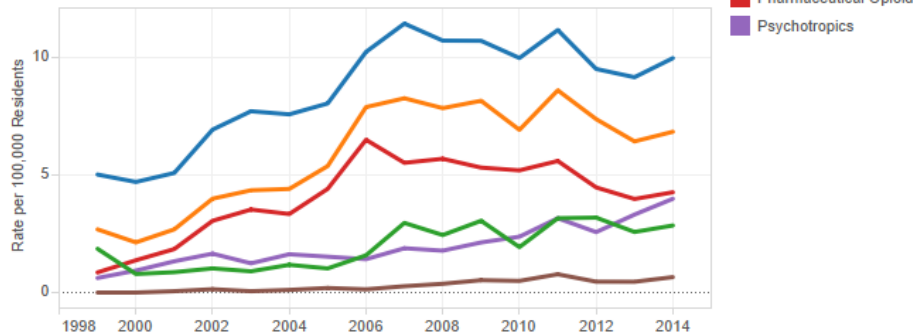
Statewide Controlled Substance Prescribing



Statewide Drug Overdose Hospitalizations



Statewide Drug Overdose Deaths

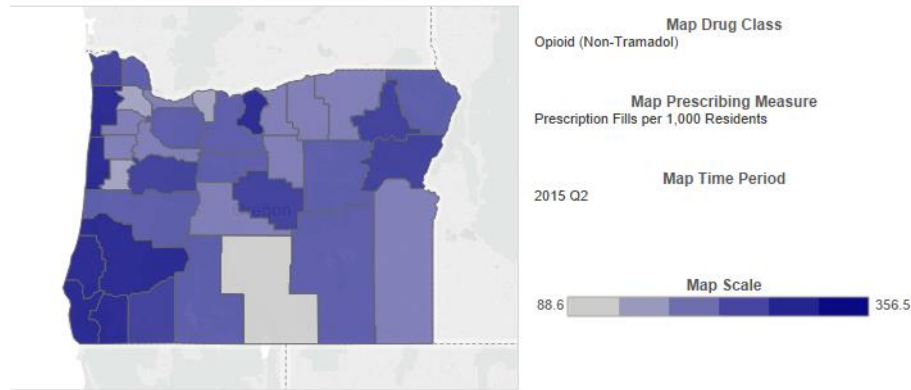


Web based
data
visualization



Web based data visualization

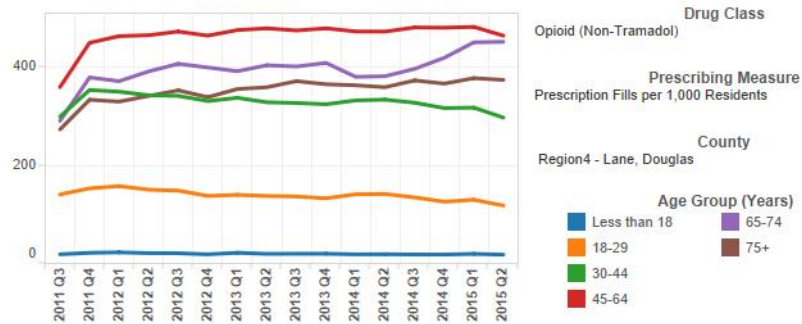
Oregon Controlled Substance Prescribing



Prescribing Measures by County



Prescribing Measures by Age



Oregon Opioid Prevention Initiative

1. Enroll 95% of top 4,000 prescribers
2. Implement prescribing guideline through CCOs and Health Systems adoption
3. Implement PDMP use guideline through CCOs and Health Systems adoption
4. Convene learning collaborative such as Jackson County Oregon Pain Guidance Group
5. Develop state prescribing guideline

6. Increase insurance coverage for non-pharmacological pain care
7. Expand availability and use of MAT
8. Establish pharmacy based drug disposal
9. Create universal access to naloxone and targeted programs for high risk populations
10. Analyze data and prepare data sets for local community use to inform policy and practice.
11. Grant development

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