

# TPP Alberta



**Annual Report  
2018-2019**

# TPP Alberta

## Partners

Alberta College of Pharmacy  
Alberta Veterinary Medical Association  
Alberta Dental Association and College  
Alberta Health  
Alberta Health Services  
Alberta Medical Association  
Alberta Pharmacists' Association  
College and Association of Registered Nurses of Alberta  
College of Physicians & Surgeons of Alberta  
College of Podiatric Physicians of Alberta  
Yukon Medical Council

# TPP Alberta: About the Program

The Triplicate Program was established in 1986 to monitor the use of certain medications prone to misuse and abuse for non-medical purposes.

## The TPP mandate is to:

- Monitor prescribing, dispensing and utilization practices regarding targeted medications;
- Improve patient care by providing relevant information and feedback on targeted drugs to prescribers and pharmacists;
- Provide timely and relevant information on targeted medications to consumers, regulatory bodies and stakeholders;
- Work with stakeholders to enable system-level change that ensures appropriate use of targeted medications;
- Ensure efficient and effective functioning of the TPP program.





# TPP Alberta: Resources

TPP Alberta Website  
TPP Alberta Medication List  
TPP Alberta Guide  
2017 TPP Alberta Atlas



The screenshot shows the TPP Alberta website homepage. At the top center is the logo "TPP Alberta". Below the logo is a navigation menu with the following items: PROGRAM GUIDE, FOR PRESCRIBERS, FOR PHARMACISTS, FAQs, RESOURCES, NEWS, and OUR PARTNERS. The main content area features a large heading "NEW, 2-PART FORMS NOW IN CIRCULATION" on the left. Below this heading is a paragraph of text: "After more than 30 years of using a 3-part form to monitor drugs prone to misuse, TPP Alberta has moved to a 2-part form to improve processes and save significant operational costs. Security of the form and submission requirements remain unchanged." Below this paragraph is another line of text: "TPP Alberta is asking prescribers to use up their existing stock of 3-part forms before re-ordering." On the right side of the main content area, there is a white box titled "Drugs We Are Monitoring" which includes the text "Includes Type 1 and Type 2 medications." To the right of this box is a grey button with a link icon and the text "TPP Alberta Medications List". At the bottom of the screenshot, there is a blurred image of a pill bottle with a label that includes the text "EVERY... THADOSE UNFLAV 10MG/ML... METHADONE... MG(BML) DAILY APR3/14S...".

## TPP Alberta

PROGRAM GUIDE | FOR PRESCRIBERS | FOR PHARMACISTS | FAQs | RESOURCES | NEWS | OUR PARTNERS

### NEW, 2-PART FORMS NOW IN CIRCULATION

After more than 30 years of using a 3-part form to monitor drugs prone to misuse, TPP Alberta has moved to a 2-part form to improve processes and save significant operational costs. Security of the form and submission requirements remain unchanged.

TPP Alberta is asking prescribers to use up their existing stock of 3-part forms before re-ordering.

### USING DATA TO OPTIMIZE SAFE PATIENT CARE

#### Drugs We Are Monitoring

Includes Type 1 and Type 2 medications.

[TPP Alberta Medications List](#)

EVERY... THADOSE UNFLAV 10MG/ML... METHADONE... MG(BML) DAILY APR3/14S... (LIMITED IN TANG)

# TPP Alberta: Data Utilization



## MD Snapshot: Prescribing Report

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Personalized reports based on TPP data sent to over 8,000 physicians prescribing opioids or benzodiazepines focusing on evidence-informed thresholds.



## High-Risk Alert Letters

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Over 200 alert letters were sent to prescribers based on thresholds related to high OME, seeing multiple providers and multiple pharmacies in a three-month period.



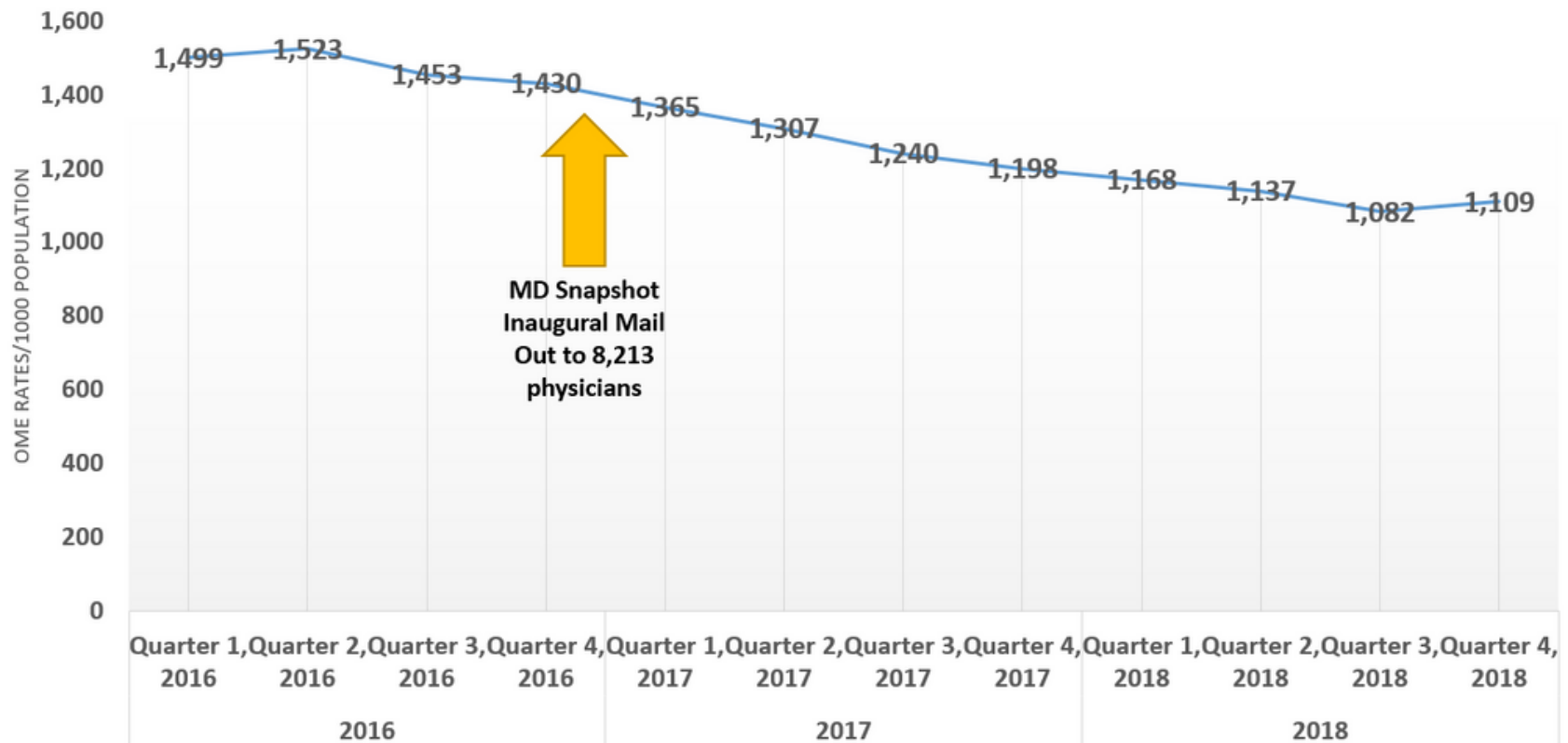
## Mentorship & Education

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Daily Oral Morphine Equivalent (DOME) Program identified prescribers who had patients with very high OME values and paired them with an educational mentor.

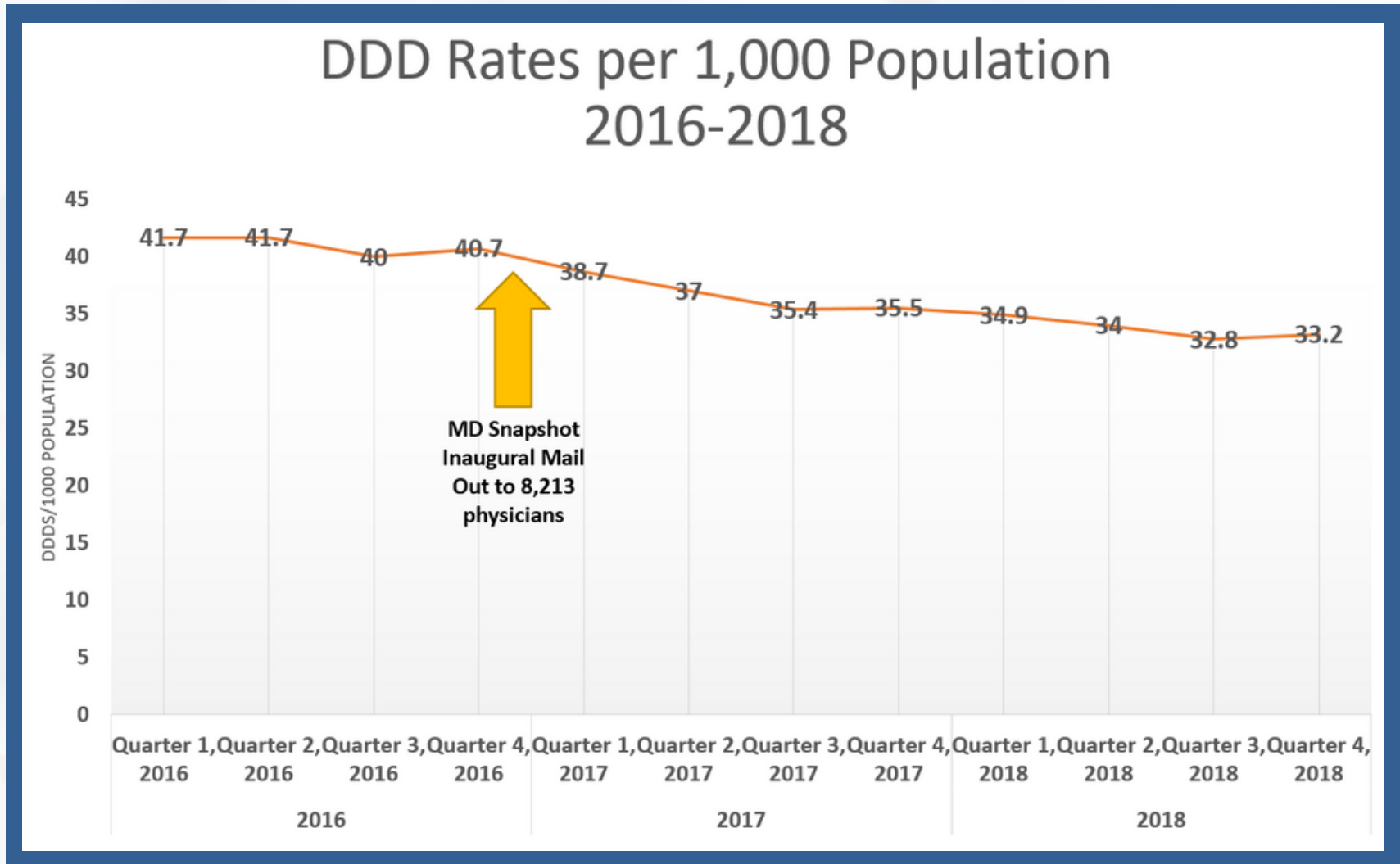
# TPP Alberta: OME Rates/1,000

## OME Rates per 1,000 Population 2016-2018



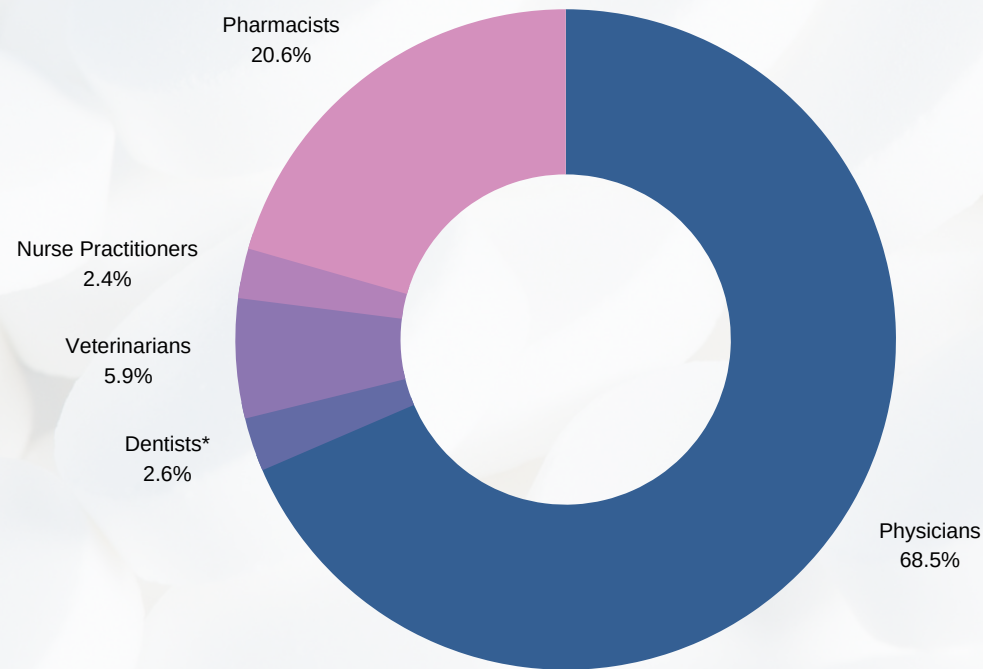


# TPP Alberta: DDD Rates/1,000

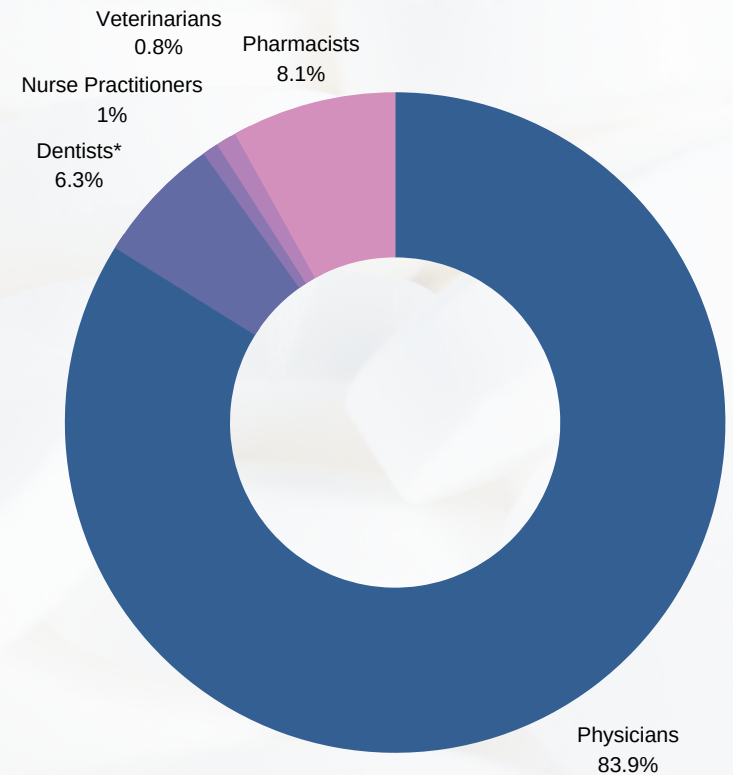


# TPP Alberta: Member Prescribing

## Opioid Prescribers 2018



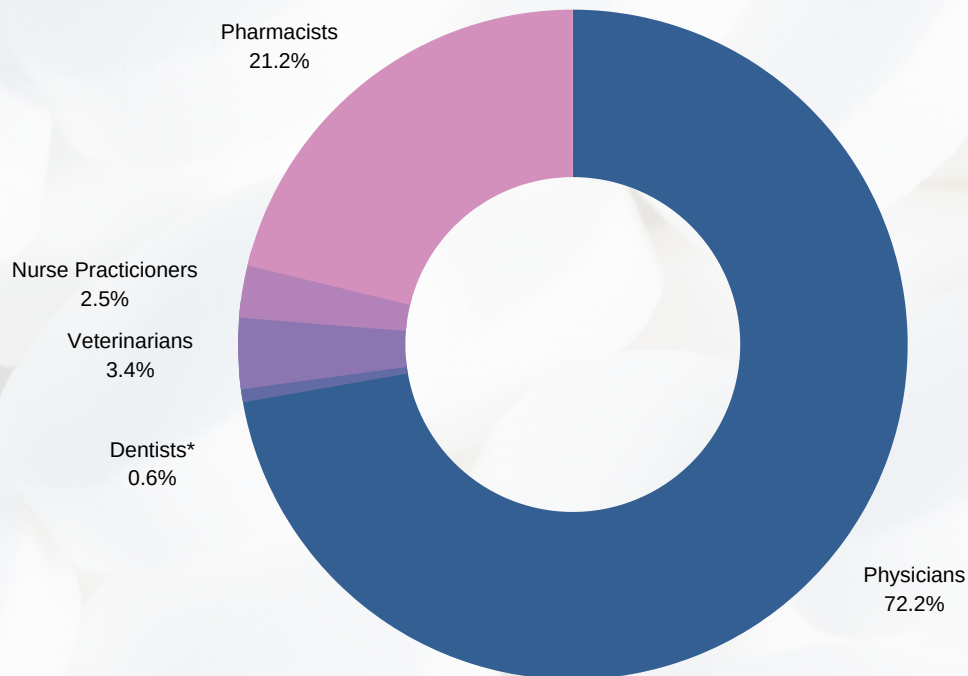
## Opioid Prescriptions 2018



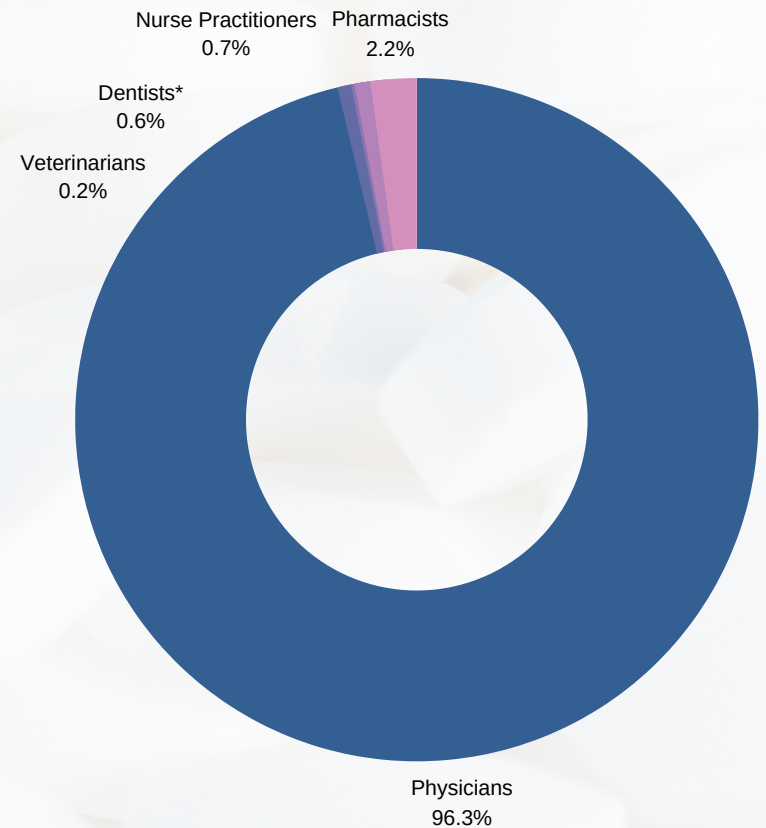
\*Most dental prescriptions are attributed to a pseudo identification number

# TPP Alberta: Member Prescribing

## Benzo Prescribers 2018



## Benzo Prescriptions 2018



\*Most dental prescriptions are attributed to a pseudo identification number

# 2017 TPP Atlas: Analysis

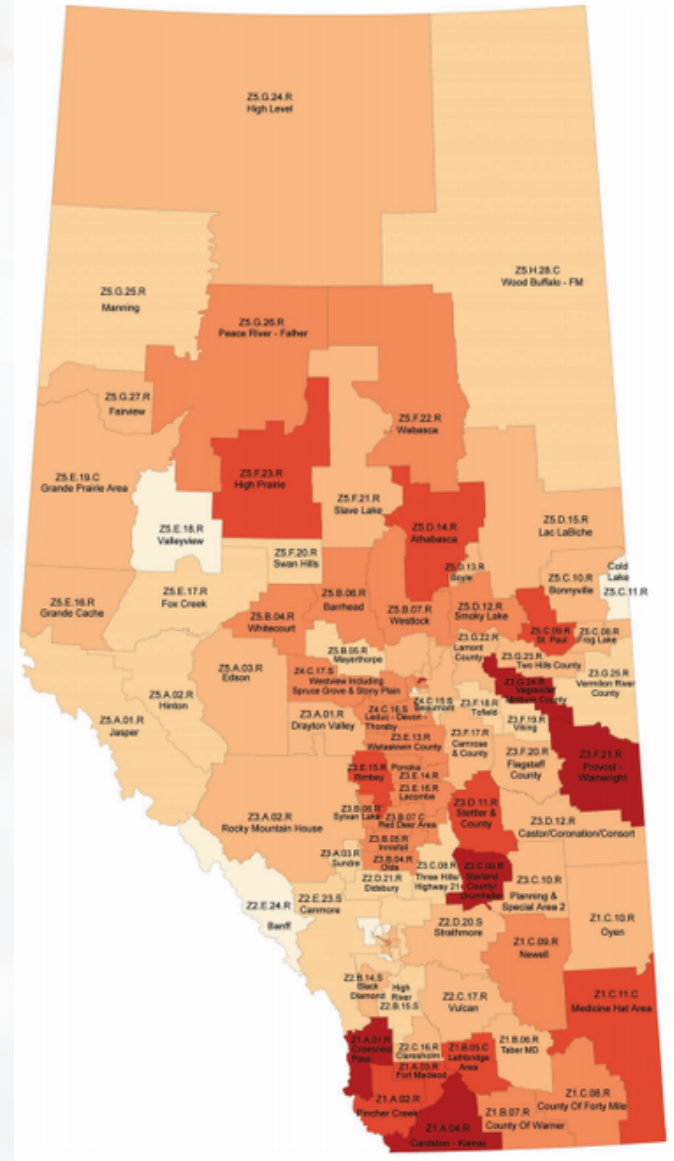
**Table 1.** Utilization of Prescription Opioids in Alberta, 2013-2017

Year	Prescriptions	Patients	Prescribers	Pharmacies	Population	OME per Day per 1000 Population	Patients per 1000 Population	Patients ≥90 OME per Day per 1000 Population
2013	1,709,194	547,929	12,027	1,287	4,007,042	1,530	136.7	3.4
2014	1,746,216	562,640	12,625	1,361	4,121,532	1,544	136.5	3.5
2015	1,753,275	563,549	13,310	1,367	4,196,192	1,514	134.3	3.5
2016	1,814,818	577,890	14,167	1,413	4,252,720	1,480	135.9	3.5
2017	1,702,052	547,819	14,577	1,374	4,285,997	1,277	127.8	3.0
5 year trend	~~~~~							

**Table 11.** Utilization of Prescription Benzodiazepines in Alberta, 2013-2017

Year	Prescriptions	Patients	Prescribers	Pharmacies	Population	DDD's per 1000 Population	Patients per 1000 Population	Elderly Patients per 1000 Elderly Population	Patients ≥ 2 DDD's per 1000 Population
2013	1,102,842	341,327	10,784	1,064	4,007,042	41.6	85.2	218.3	3.7
2014	1,178,213	358,752	11,369	1,332	4,121,532	42.3	87.0	218.2	3.8
2015	1,220,798	373,696	12,033	1,344	4,196,192	41.6	89.1	217.0	3.6
2016	1,284,730	386,901	12,739	1,414	4,252,720	41.1	91.0	214.7	3.5
2017	1,204,326	369,831	13,148	1,377	4,285,997	36.6	86.3	202.1	2.9
5 year trend	~~~~~								

**Figure 5.** Age and Sex Standardized, Total OME per Day per 1,000 Population, by Pharmacy Local Aggregated Geographies, 2017



# 2017 TPP Atlas: Trends

## Oral Morphine Equivalents (OME) 2013-2017

Table 7. Opioid Patients and Associated Prescribers by Dose, 2013-2017

Patients										
Patient Dose*	2013		2014		2015		2016		2017	
	Patients	Percent	Patients	Percent	Patients	Percent	Patients	Percent	Patients	Percent
Total Patients	547,929		562,640		563,549		577,890		547,819	
≥ 50 OME/day	22,070	4.0	23,311	4.1	24,093	4.3	24,695	4.3	22,325	4.0
≥ 90 OME/day	13,674	2.5	14,365	2.6	14,496	2.6	14,681	2.5	12,962	2.4
≥ 100 OME/day	12,492	2.3	13,108	2.3	13,204	2.3	13,310	2.3	11,668	2.1
≥ 200 OME/day	6,459	1.2	6,663	1.2	6,634	1.2	6,500	1.1	5,450	1.0
≥ 400 OME/day	2,592	0.5	2,621	0.5	2,527	0.5	2,382	0.4	1,898	0.4
≥ 600 OME/day	1,276	0.2	1,296	0.2	1,227	0.2	1,144	0.2	863	0.2
≥ 800 OME/day	749	0.1	759	0.1	681	0.1	602	0.1	448	0.1
≥ 1,000 OME/day	470	0.1	499	0.1	430	0.1	373	0.1	277	0.1
≥ 2,000 OME/day	85	0.0	75	0.0	67	0.0	48	0.0	40	0.0

Prescribers										
Patient Dose*	2013		2014		2015		2016		2017	
	Prescribers	Percent	Prescribers	Percent	Prescribers	Percent	Prescribers	Percent	Prescribers	Percent
Total Prescribers	12,027		12,625		13,310		14,167		14,577	
≥ 50 OME/day	7,237	60.2	7,401	58.6	7,581	57.0	7,914	55.9	7,538	51.7
≥ 90 OME/day	6,195	51.5	6,210	49.2	6,218	46.7	6,498	45.9	5,977	41.0
≥ 100 OME/day	5,968	49.6	5,944	47.1	5,978	44.9	6,216	43.9	5,672	38.9
≥ 200 OME/day	4,355	36.2	4,344	34.4	4,256	32.0	4,328	30.5	3,683	25.3
≥ 400 OME/day	2,494	20.7	2,439	19.3	2,343	17.6	2,257	15.9	1,743	12.0
≥ 600 OME/day	1,441	12.0	1,474	11.7	1,388	10.4	1,323	9.3	917	6.3
≥ 800 OME/day	922	7.7	939	7.4	812	6.1	735	5.2	515	3.5
≥ 1,000 OME/day	582	4.8	663	5.3	513	3.9	485	3.4	317	2.2
≥ 2,000 OME/day	110	0.9	98	0.8	74	0.6	53	0.4	52	0.4

\* can include prescriptions from multiple prescribers

Table 18. Benzodiazepine Patients and Associated Prescribers by Number of Ingredients, 2013-2017

Patients												
Number of Ingredients	2013		2014		2015		2016		2017		2017	5 Year Trend
	Patients	Percent	Patients	Percent	Patients	Percent	Patients	Percent	Patients	Percent		
Total Patients	341,327		358,752		373,696		386,901		369,831			
2+	70,382	20.6	75,098	20.9	77,796	20.8	80,267	20.7	70,268	19.0		
3+	13,568	4.0	14,442	4.0	14,541	3.9	15,051	3.9	11,437	3.1		
4+	2,696	0.8	2,919	0.8	2,774	0.7	2,854	0.7	1,783	0.5		
5+	544	0.2	594	0.2	550	0.1	552	0.1	274	0.1		
6+	109	0.0	115	0.0	116	0.0	119	0.0	50	0.0		


Prescribers												
Number of Ingredients	2013		2014		2015		2016		2017		2017	5 Year Trend
	Prescribers	Percent	Prescribers	Percent	Prescribers	Percent	Prescribers	Percent	Prescribers	Percent		
Total Prescribers	10,784		11,369		12,033		12,739		13,148			
2+	8,285	76.8	8,883	78.1	9,358	77.8	9,909	77.8	9,975	75.9		
3+	5,521	51.2	5,955	52.4	6,181	51.4	6,584	51.7	6,338	48.2		
4+	3,003	27.8	3,208	28.2	3,231	26.9	3,440	27.0	2,943	22.4		
5+	1,292	12.0	1,462	12.9	1,333	11.1	1,419	11.1	879	6.7		
6+	448	4.2	501	4.4	497	4.1	478	3.8	206	1.6		

## Multiple Benzodiazepines 2013-2017

# TPP Alberta Grant Report: Financial Summary

		GAMS Grant ID			Grant-004961		
UNAUDITED FINANCIAL REPORTING FOR GRANTS							
MULTI-YEAR AGREEMENT							
YEAR 2 of 3							
<b>Grant Recipient:</b>	<b>College of Physicians &amp; Surgeons of Alberta</b>						
<b>Description of Grant:</b>	<b>Triplicate Prescription Program</b>						
<b>Term of Agreement:</b>	1-Apr-17	to	31-Mar-20	Date:	24-May-19		
<b>Financial Reporting for the Period:</b>	1-Apr-18	to	<b>31-Mar-19</b>				
	Current Fiscal Period: Year-To-Date			Full Term of Agreement Agreement-To-Date			
	Budget	Actuals	Variance	Budget	Actuals	Variance	
	12 months	12 months		24 months	24 months		
<b>Revenue</b>							
Contribution from Alberta Health & Wellness (Surplus)	-	-	-	23,793.56	23,793.56	-	
Contribution from Alberta Health & Wellness	660,000.00	660,000.00	-	1,296,206.44	1,196,206.44	( 100,000.00 )	
Government Grant - Investment Income	-	( 418.36 )	( 418.36 )	-	669.84	669.84	
Grant - Other Sources	151,000.00	135,400.00	( 15,600.00 )	278,000.00	264,025.00	( 13,975.00 )	
CPSA Contribution	158,300.00	156,759.00	( 1,541.00 )	309,300.00	308,709.00	( 591.00 )	
<b>Total Revenue</b>	<b>969,300.00</b>	<b>951,740.64</b>	<b>( 17,559.36 )</b>	<b>1,907,300.00</b>	<b>1,793,403.84</b>	<b>( 113,896.16 )</b>	
<b>Expense</b>							
<b>General Program Expenditures</b>							
Consulting	191,200.00	221,469.72	30,269.72	357,600.00	384,679.11	27,079.11	
Legal	3,000.00	-	( 3,000.00 )	6,000.00	-	( 6,000.00 )	
Occupancy Costs	53,700.00	40,899.00	( 12,801.00 )	104,300.00	90,024.01	( 14,275.99 )	
Operating Costs	62,500.00	61,149.98	( 1,350.02 )	125,700.00	121,799.99	( 3,900.01 )	
Printing, Supplies & Courier	23,200.00	33,217.42	10,017.42	44,900.00	50,850.08	5,950.08	
Special printing	340,000.00	306,245.43	( 33,754.57 )	665,500.00	608,515.30	( 56,984.70 )	
Travel, Meals & Accommodation	-	45.60	45.60	-	45.60	45.60	
Sub-total	673,600.00	663,027.15	( 10,572.85 )	1,304,000.00	1,255,914.09	( 48,085.91 )	

# TPP Alberta Grant Report: Financial Summary Cont'd

<b>Staffing Costs</b>						
Salaries & Benefits	292,000.00	270,410.33	( 21,589.67 )	596,400.00	524,942.92	( 71,457.08 )
Professional Development	3,700.00	1,269.08	( 2,430.92 )	6,900.00	2,009.32	( 4,890.68 )
Sub-total	295,700.00	271,679.41	( 24,020.59 )	603,300.00	526,952.24	( 76,347.76 )
<b>Committee Expenses</b>						
Travel, Meals & Accommodation, Sundry	-	104.68	104.68	-	195.81	195.81
Sub-total	-	104.68	104.68	-	195.81	( 195.81 )
<b>Total Expenses</b>	<b>969,300.00</b>	<b>934,811.24</b>	<b>( 34,488.76 )</b>	<b>1,907,300.00</b>	<b>1,783,062.14</b>	<b>( 124,237.86 )</b>
<b>Surplus &lt; Deficit &gt;</b>	-	16,929.40	16,929.40	-	10,341.70	10,341.70
<b>Unexpended Funding</b>						
<input type="checkbox"/> Attached Request(s) for Retention of Unexpended Funding Form (FINAL YEAR ONLY)	Opening Balance: Prior Year's <Deficit>		Year 1			( 6,587.70 )
	Add (Subtract) Current Surplus/ (Deficit):		Year 2			16,929.40
	Less: Approved Request(s) for Retention of Unexpended Funding (FINAL YEAR ONLY)					
	Closing Balance: <Deficit>				<u>10,341.70</u>	
<b>Finance Contact:</b>			<b>Program Contact:</b>			
Tracy Simons	780-969-4983	Ed Jess		(780) 969-4946		
Name	Phone #	Name		Phone #		
<b>Finance Approval:</b>						
Karen Mazurek	Deputy Registrar	May 30, 2019				
Name	Position / Phone #	Date		Signature		