

Dear Clinic Administrator or Medical Director,

Comagine Health is pleased to release its seventh round of Clinic Comparison Reports. As a reminder, the goal of the Clinic Comparison Report is to demonstrate clinic variation in cost and quality compared to a state average. This report displays information based on claims data for commercial patients attributed to a primary care clinic. The report includes:

- Cost, resource utilization, and Price Index at the clinic level for the 2019 commercial population.
- Detail for inpatient, outpatient, professional and pharmacy claims.
- A statewide average for all measures.

Some key findings from SAMPLE CLINIC ABC's report:

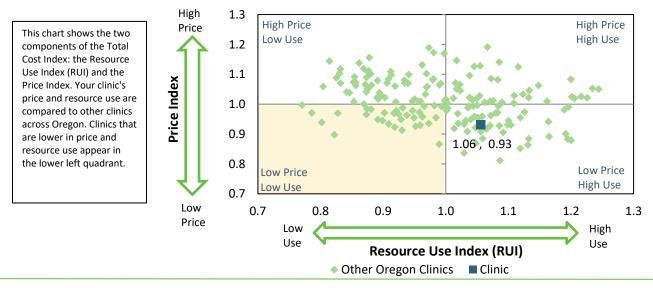
Risk Score



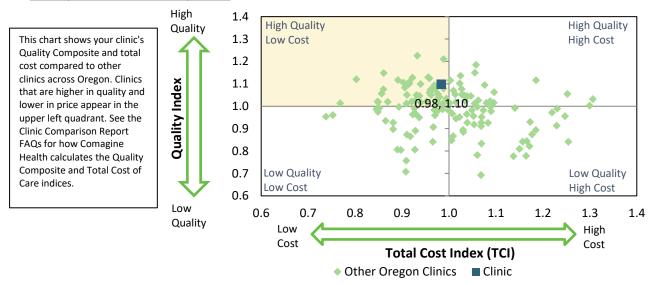
The Clinic Risk Score represents the morbidity burden of a subset of patients in your clinic. Comagine Health uses the Johns Hopkins Adjusted Clinical Groups (ACG) System which measures morbidity burden based on disease patterns, age and gender using diagnoses found in claims data.

Summary by Service C	ategory		Price	
	ТСІ	= RUI	x Index	A Total Cost Index, Price Index or Resource Use
Professional	0.91	0.96	0.96	Index value greater than 1.00 means the clinic's
Outpatient Facility	0.89	1.06	0.84	score is higher than the Oregon average score for the measure.
Inpatient Facility	1.19	1.27	0.94	
Pharmacy	1.12	1.13	1.00	For more information see the Total Cost of Care Definitions page.
Overall	0.98	1.06	0.93	

Price vs. Resource Use Comparison



Quality vs. Total Cost Comparison



This report is based on HealthPartners' cost of care measures, which have been endorsed by the National Quality Forum (NQF) for commercial populations. For more information on the measure, see the Definitions page and the Frequently Asked Questions.

To ensure the reports are as useful as possible, Comagine Health will continue to solicit input regarding the content and format from stakeholders and partners. More information about Comagine Health's Cost of Care work can be found on our website at: <u>http://q-corp.org/our-work/costofcare</u>.

Questions? Please contact a member of the Cost of Care team at <u>OregonData@comagine.org</u> or 503-972-7843.

Thank you,

Mendith Rotus

Meredith Roberts Executive Director, Comagine Health Oregon

Comagine Health (formerly Q Corp and HealthInsight Oregon) is a national, nonprofit, health care consulting firm. We work collaboratively with patients, providers, payers and other stakeholders to reimagine, redesign and implement sustainable improvements in the health care system. As a trusted, neutral party, we work in our communities to address key, complex health and health care delivery problems.

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Segment: Commercially Insured Adults Age 18-64

Reporting Period: Jan 2019 – Dec 2019

Total Cost of Care Definitions & Glossary Page 1

About this report

This report shows clinic-specific data on cost, utilization, quality and resource use measures, comparing your clinic to others in Oregon.

Patient Population: Cost and utilization reports use Comagine Health's commercially insured adult (18-64) population for claims incurred January 1, 2019 – December 31, 2019 with 3 months run-out. Annual costs over \$125,000 for any individual patient are excluded. Other quality and resource use measures use Comagine Health's commercially insured population in its entirety for the same period.

Patient Attribution: Patients are assigned to a primary care provider (PCP) contained in the Comagine Health provider directory based on having specific types of primary care visits with that PCP. PCPs and their patients are then assigned to a clinic. Attribution to a PCP is based on the following:

• A patient is attributed to the PCP the patient has seen the most across the two-year attribution period (January 1, 2018 – December 31, 2019).

• A patient is attributed to a single PCP. If there is a tie in the number of visits, the patient will be attributed to the most recently seen PCP.

• Patients who received care solely from specialists, urgent care clinics or other providers not included in the provider directory are not assigned a primary care provider (*unattributed*). In addition, if a patient did not have one of the specific types of visits based on CPT codes, the patient is not attributed.

	Overall Summary by Ser							
		Clin	-	OR Average				
		Raw	Adj				Price	
		PMPM	PMPM	PMPM	TCI	= RUI	x Index	
See Definitions Page 2 for a	Professional	\$208.14	\$222.66	\$243.65	0.91	0.96	0.96	
description of Service Categories	Outpatient Facility	\$123.56	•	\$148.95	0.89	1.06	0.84	
(Professional, Outpatient	Inpatient Facility	\$75.16	\$80.40	\$67.39	1.19	1.27	0.94	
Facility, etc)	Pharmacy	\$129.65		\$123.37	1.12	1.13	1.00	
	Overall	\$536.50	\$573.91	\$583.35	0.98	1.06	0.93	
Raw PMPM: Raw Per Member Per Month (PMPM) is the total allow			/				Price I	ndex: Price Index is a risk-adjusted measure of the price component
the health plan and the member combined) paid to the clinic for all		ed				1		aging patient health relative to the Oregon Average. The Price
by the number of member months. Annual per member costs are o	capped at \$125,000.						Index	is affected by fee schedules, referral patterns and place of service.
						\		Price Index = TCI / RUI
						\		
Adj PMPM: Adjusted PMPM is the clinic's retrospective risk-adjusted	ed PMPM allowed amount,			/				
normalized to the Oregon average. Comagine Health uses the John				/				se Index (RUI) is a risk-adjusted measure of the <i>frequency and</i>
patient populations by disease pattern, age and gender. The risk-ad	djusted amount allows com	parison					,	ervices used to manage patient health relative to a benchmark. ed based on standard weights for each service in a service category:
to other clinics regardless of a clinic's illness burden. If the Adjuster	d PMPM is higher than the	Raw	/					-DRG (Medicare Diagnosis-Related Grouper)
PMPM, that indicates that the clinic has a panel with a lower illness	s burden than the Oregon a	verage.	/					PC (Ambulatory Payment Classification)
Risk Adjusted PMPM = Raw PMPM / Risk Score								RVU (Relative Value Units)
								C (National Drug Code) Average Wholesale Price
OR Average: The Oregon average is the average of all patients in the	ne peer group, in this case of	commercial pa	atients in					
Oregon between the ages of 18 and 64 who have been attributed t								risk-adjusted measure of the overall cost effectiveness of managing
shown in comparison to the clinic's adjusted PMPM.	0		J					Oregon average. This measure includes both the frequency and price
					of serv	ices provide	ed.	

OR Average is the average for the patients attributed to clinics receiving these reports.

This work is based on the patented algorithm of HealthPartners, Inc. (Bloomington, MN) and is used with their permission.

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Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019

Total Cost of Care Definitions & Glossary Page 2

Service Category Definitions

Professional: Includes all costs for professional services delivered in any setting; inpatient, outpatient, or in a clinic, lab, or imaging center. It also includes ancillary services (lab, radiology, DME, etc.) delivered outside a hospital facility.

Outpatient Facility: Includes only services billed by a hospital facility. Professional services for surgeons, hospitalists or other providers billed by a medical group are included in the Professional Service Category. Inpatient Facility: Includes only services billed by a hospital facility. Professional services that are billed by a medical group are included in the Professional Service Category.

Pharmacy: Includes all drugs covered by the patient's pharmacy benefit.

PMPM: Per Member Per Month (PMPM) refers to the ratio of some services or cost divided into the number of members in a particular group on a monthly basis. For example, if an HMO has 10,000 members that spend \$20,000 on cardiovascular surgery in one month, the cost on a PMPM basis would be \$20,000 divided by 10,000 equaling \$2 per member per month.

Specialist Services: All services, including office visits and procedures, provided by a specialist.

TCI, RUI and Price Index: Oregon averages for TCI, Price Index and RUI are set at 1.0. The Oregon average is the average score for all patients attributed for clinics receiving these reports. A clinic's score indicates to what extent the attributed patients differ from the Oregon average. Values below 1.0 indicate the clinic's panel has lower cost or resource use than average; above 1.0 means the clinic's panel is higher than average.

Clinic Comparison Report Glossary

APC:	Ambulatory Payment Classification
CT:	Computed Tomography
DME:	Durable Medical Equipment
DNRI:	Dopamine & Norepinephrine Reuptake Inhibitor
ED:	Emergency Department
HbA1c:	Hemoglobin A1c
MRI:	Magnetic Resonance Imaging
MS- DRG:	Medicare Diagnosis Related Grouper
NDC:	National Drug Code
OT:	Occupational Therapy
PET:	Positron Emission Tomography
PMPM:	Per Member Per Month
PT:	Physical Therapy
RVU:	Relative Value Units
ST:	Speech Therapy
SSRI:	Selective Serotonin Reuptake Inhibitor

MS-DRG: The Medicare Diagnosis Related Grouper (MS-DRG) is a statistical system of classifying any inpatient stay into groups for the purposes of payment. The DRG classification system divides possible diagnoses into more than 20 major body systems and subdivides them into almost 500 groups for the purpose of Medicare reimbursement.

APC: The Ambulatory Payment Classification (APC) is a system for reimbursing acute care facilities (hospitals) for outpatient services for Medicare patients.

RVU: Relative Value Units (RVUs) are units assigned to individual CPT codes which, when multiplied by a conversion factor and geographical adjustment, creates the compensation level for a particular service. **NDC:** The National Drug Code (NDC) is a unique product identifier used in the United States for drugs intended for human use.

OR Average is the average for the patients attributed to clinics receiving these reports.

Adult Clinic Comparison Report: Quality, Utilization & Cost



Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019

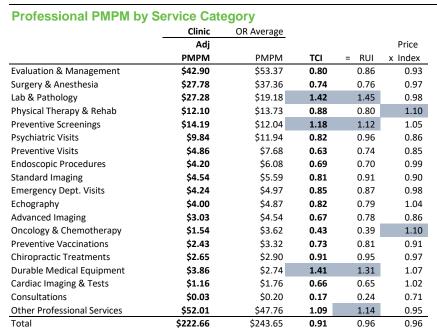
Overview

					Overall Summa						
						Clir		OR Average			
						Raw	Adj				Price
Patient Demographics			Oregon A	Average		PMPM	PMPM	PMPM	TCI =	RUI	x Inde
	Clini	-	Scaled to	Clinic's size	Professional	\$208.14	\$222.66	\$243.65	0.91	0.96	0.9
		Percent	Number	Percent	Outpatient Facility	\$123.56	\$132.17	\$148.95	0.89	1.06	0.8
Attributed patients (Benchmark is average number per clinic)	1,037		1,037		Inpatient Facility	\$75.16	\$80.40	\$67.39	1.19	1.27	0.94
					Pharmacy	\$129.65	\$138.69	\$123.37	1.12	1.13	1.00
Average Age (approximate)	44		44		Overall	\$536.50	\$573.91	\$583.35	0.98	1.06	0.9
						Blue	highlight indic	ates index value	es 10% or	more abov	ve the
% Male	459	44.3%	452	43.6%		Oreg	on Average.				
% Female	578	55.7%	585	56.4%							
					A TCI, RUI or Price Inc	lex value grea	ter than 1.00	means the cli	nic's scor	e is highe	or than
No Chronic Condition Indicated	559	53.9%	532	51.3%	the Oregon adult ave	0				0.10.11.8.10	
Chronic Condition - patients may have more than one	478	46.1%	505	48.7%							
Acute Myocardial Infarction	2	0.2%	2	0.2%							
Alzheimer's Disease and Related Disorders or Senile Dementia	2	0.2%	2	0.2%							
Asthma	32	3.1%	33	3.2%							
Atrial Fibrillation	6	0.6%	8	0.8%							
Cancer	33	3.2%	30	2.9%							
Chronic Kidney Disease	44	4.2%	46	4.4%							
Chronic Obstructive Pulmonary Disease and Bronchiectasis	6	0.6%	7	0.7%							
Depression	191	18.4%	188	18.1%							
Diabetes	101	9.7%	68	6.5%							
Heart Failure	3	0.3%	6	0.6%	Price vs. Reso	urce Use	Compari	son by Cl	inic		
Hyperlipidemia	174	16.8%	186	17.9%	High 1.3			-			
Hypertension	173	16.7%	188	18.2%		h Price				High Pr	
Ischemic Heart Disease	11	1.1%	23	2.2%	1.2 Low	/ Use	•	•		High Us	se
Mental Illness	34	3.3%	43	4.1%		· · · · · ·		* •• *	•		
Osteoporosis	3	0.3%	10	0.9%	5 1.1	. 4.4	61.6	* * *		*	
Rheumatoid Arthritis/ Osteoarthritis	66	6.4%	88	8.5%					*** •		
Stroke / Transient Ischemic Attack	1	0.1%	3	0.3%	i.e				A	* *	
					ک 0.9	•		1.06 , 0.93	·	S	
									• •	•	
					0.8 Low	/ Price		•		Low Pr	
						v Use				High U	Jse
					Low 0.7	0.8	0.9	1.0 1	.1	1.2	1.3
					Price Lo		5.5	1		High	1.5
					Us					Use	
						-	Resource U	se Index (RUI)	036	

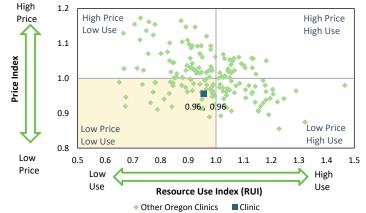
◆ Other Oregon Clinics ■ Clinic

OR Average is the average for the patients attributed to clinics receiving these reports.

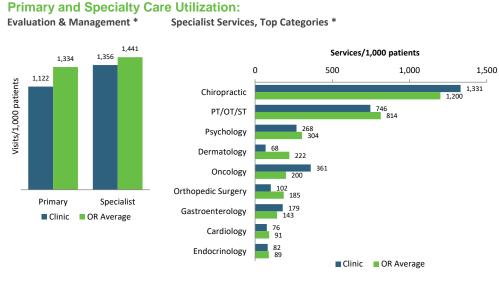
Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019



Professional Price vs. Resource Use Comparison by Clinic

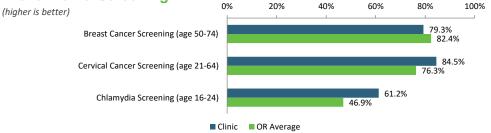






Note: Specialist utilization can be driven by a clinic's patient population. A higher risk score can drive higher utilization of specialists.

Prevention & Screening



Professional Services includes all costs for professional services delivered in any setting: inpatient, outpatient, or in a clinic, lab, or imaging center. It also includes ancillary services (lab, radiology, DME, etc.) delivered outside of a hospital facility.

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Adult Clinic Comparison Report: Quality, Utilization & Cost



Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 - Dec 2019

Outpatient Eacility PMPM by Service Category

Outpatient Facility

Outpatient Facility Pivi	Pivi by Serv	lice Category			
	Clinic	OR Average			
	Adj				Price
	PMPM	PMPM	TCI	= RUI	x Index
Lab & Pathology	\$17.43	\$29.13	0.60	0.79	0.76
Emergency Dept. Visits	\$4.82	\$7.48	0.64	1.05	0.62
Standard Imaging	\$7.19	\$6.32	1.14	1.09	1.04
Operating Room	\$4.73	\$5.72	0.83	0.70	1.18
Advanced Imaging	\$3.70	\$5.68	0.65	1.15	0.57
Physical Therapy & Rehab	\$6.36	\$5.39	1.18	1.46	0.81
Cardiac Imaging & Tests	\$7.50	\$5.35	1.40	1.48	0.95
Oncology & Chemotherapy	\$7.21	\$5.24	1.38	2.80	0.49
Preventive Screenings	\$2.71	\$4.62	0.59	0.80	0.74
Echography	\$3.02	\$3.47	0.87	0.99	0.88
Surgery & Anesthesia	\$0.91	\$2.80	0.33	0.42	0.78
Evaluation & Management	\$1.67	\$1.13	1.48	2.46	0.60
Dialysis	\$0.00	\$0.91	-	-	-
Endoscopic Procedures	\$0.02	\$0.52	0.05	0.02	2.03
Psychiatric Visits	\$0.04	\$0.42	0.10	0.06	1.83
Preventive Vaccinations	\$0.06	\$0.17	0.36	0.38	0.96
Other Outpatient Facility	\$64.80	\$64.61	1.00	1.09	0.92
Total	\$132.17	\$148.95	0.89	1.06	0.84

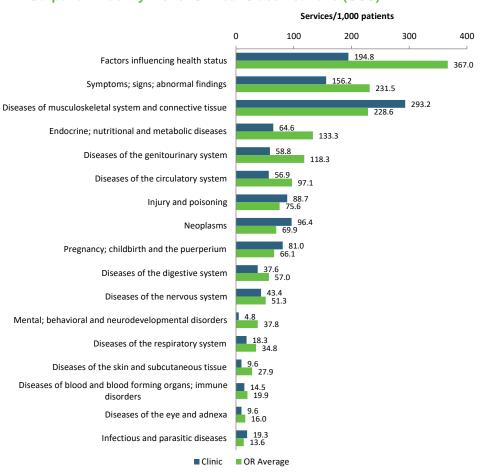
Outpatient Price vs. Resource Use Comparison by Clinic



* Utilization and Quality measures are for commercial population only and are not risk adjusted. OR Average is the average for the patients attributed to clinics receiving these reports.

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Outpatient Facility Visits: Clinical Classifications (CCS) *



Outpatient Facility includes only services billed by a hospital facility. Professional services for surgeons, hospitalists or other providers billed by a medical group are included in the Professional Service Category.

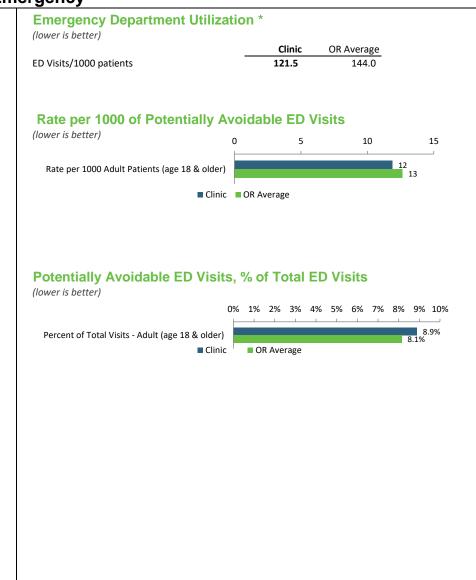
Adult Clinic Comparison Report: Quality, Utilization & Cost



Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019

Radiology (Outpatient Facility and Professional Services)											
	Clinic	OR Average									
	Adj				Price						
	PMPM	PMPM	TCI	= RUI	x Index						
Standard Imaging	\$11.73	\$11.91	0.98	0.97	1.01						
Advanced Imaging (e.g., MRI, CT, PET)	\$6.73	\$10.21	0.66	0.92	0.72						
Echography	\$7.02	\$8.34	0.84	0.85	0.99						
Cardiac Imaging & Tests	\$8.66	\$7.11	1.22	1.23	0.99						

Radiology & Emergency



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Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019



Inpatient Cost & Utilization

Inpatient PMPM by Service Category									
	Clinic	OR Average							
	Adj				Price				
	PMPM	PMPM	TCI	= RUI	x Index				
Acute Admissions	\$80.40	\$66.65	1.21	1.29	0.94				
Surgical	\$57.84	\$45.05	1.28	1.40	0.92				
Medical	\$22.56	\$21.60	1.04	1.07	0.98				
Non-Acute	\$0.00	\$0.74	-	-	-				
All Admissions	\$80.40	\$67.39	1.19	1.27	0.94				

Inpatient Utilization *

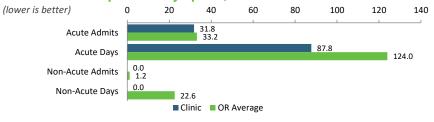
(lower is better)		
	Clinic	OR Average
Admits/1,000 Patients (Acute & Non-Acute)	31.8	34.4
30-day all cause readmissions, unadjusted	7.5%	7.2%

Note: Non-Acute Admissions are admission to and services provided in a Skilled Nursing, Subacute, or Rehabilitation Facility.

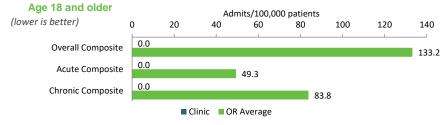
Inpatient Price vs. Resource Use Comparison by Clinic



Admissions & Inpatient Days per 1,000 Patients *



Potentially Avoidable Hospital Admissions *



Inpatient Facility includes only services billed by a hospital facility. Professional services that are billed by a medical group are included in the Professional Service Category.

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OR Average is the average for the patients attributed to clinics receiving these reports.

Adult Clinic Comparison Report: Quality, Utilization & Cost

Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019

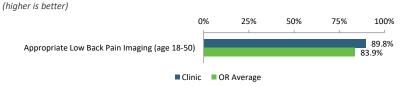


Chronic Conditions

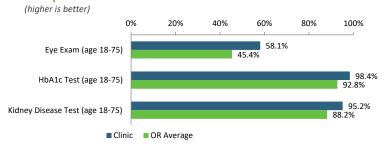
Chronic Condition Patient Summary						
	Clini	ic	OR Average			
		Adj				Price
	Patients	PMPM	PMPM	TCI	= RUI	x Index
Acute Myocardial Infarction	2	-	\$4,269	-	-	-
Alzheimer's Disease and Related Disorders or Senile Dementia	2	-	\$1,955	-	-	-
Asthma	32	\$1,837	\$1,530	1.20	2.60	0.46
Atrial Fibrillation	6	-	\$2,308	-	-	-
Cancer	33	\$1,653	\$1,897	0.87	2.07	0.42
Chronic Kidney Disease	44	\$1,839	\$1,762	1.04	1.47	0.71
Chronic Obstructive Pulmonary Disease and Bronchiectasis	6	-	\$2,074	-	-	-
Depression	191	\$796	\$913	0.87	1.45	0.60
Diabetes	101	\$1,184	\$1,303	0.91	1.27	0.71
Heart Failure	3	-	\$2,948	-	-	-
Hyperlipidemia	174	\$817	\$923	0.88	1.28	0.69
Hypertension	173	\$1,044	\$1,007	1.04	1.73	0.60
Ischemic Heart Disease	11	-	\$1,812	-	-	-
Mental Illness	34	\$1,246	\$1,034	1.21	1.98	0.61
Osteoporosis	3	-	\$1,293	-	-	-
Rheumatoid Arthritis/ Osteoarthritis	66	\$1,932	\$1,469	1.32	1.56	0.84
Stroke / Transient Ischemic Attack	1	-	\$3,090	-	-	-

Note: The Chronic Condition Patient Summary is limited to conditions with 30 or more attributed patients. For conditions with less than 30 patients, cost information is suppressed.

Musculoskeletal Conditions



Comprehensive Diabetes Care



* Utilization and Quality measures are for commercial population only and are not risk adjusted.

OR Average is the average for the patients attributed to clinics receiving these reports.

Adult Clinic Comparison Report: Quality, Utilization & Cost

Segment: Commercially Insured Adults Age 18-64

Reporting Period: Jan 2019 - Dec 2019

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Pharmacy

Top 10 Therapeutic Classes with % Generic Fills

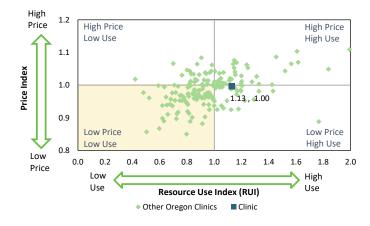
Pharmacy by Cate	egory				
	Clinic	OR Average			
	Adj				Price
	PMPM	PMPM	TCI	= RUI	x Index
Single-source Brand	\$110.22	\$91.63	1.20	1.18	1.02
Generic	\$18.77	\$19.87	0.94	1.10	0.86
Multi-source Brand	\$9.69	\$11.86	0.82	0.81	1.00
Total	\$138.69	\$123.37	1.12	1.13	1.00

Single Source Brand: A prescription drug manufactured by only one company. No generic equivalent is available.

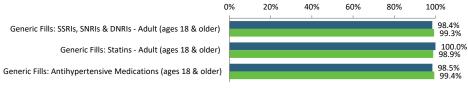
Multi-Source Brand: A prescription drug that is manufactured by more than one manufacturer. These drugs are available both as a brand-name and as a generic.

	Cli	inic	OR Average				
	Adj	%	%				Price
	PMPM	Generic	PMPM	Generic	TCI	= RUI	x Index
Immunosuppressants	\$43.54	42%	\$33.95	29%	1.28	1.30	0.98
Hormones & Synthetic Subst.	\$36.25	57%	\$26.47	61%	1.37	1.42	0.97
Anti-Infective Agents	\$13.42	97%	\$12.30	95%	1.09	1.04	1.05
Central Nervous System Agents	\$9.06	98%	\$11.81	97%	0.77	0.97	0.79
Misc. Pharmacotherapy Agents	\$19.77	75%	\$10.30	83%	1.92	1.63	1.17
Cardiovascular Agents	\$2.60	100%	\$3.79	99%	0.69	1.05	0.66
Autonomic Drugs	\$2.94	81%	\$3.57	77%	0.82	0.89	0.93
Eye, Ear, Nose, & Throat Prep.	\$1.47	85%	\$1.73	87%	0.85	0.82	1.03
Diagnostic Agents	\$1.65	0%	\$1.27	0%	1.30	1.18	1.10
Enzyme Inhibitors	\$2.26	0%	\$0.88	0%	2.57	2.55	1.01

Pharmacy Price vs. Resource Use Comparison by Clinic



Medication Management



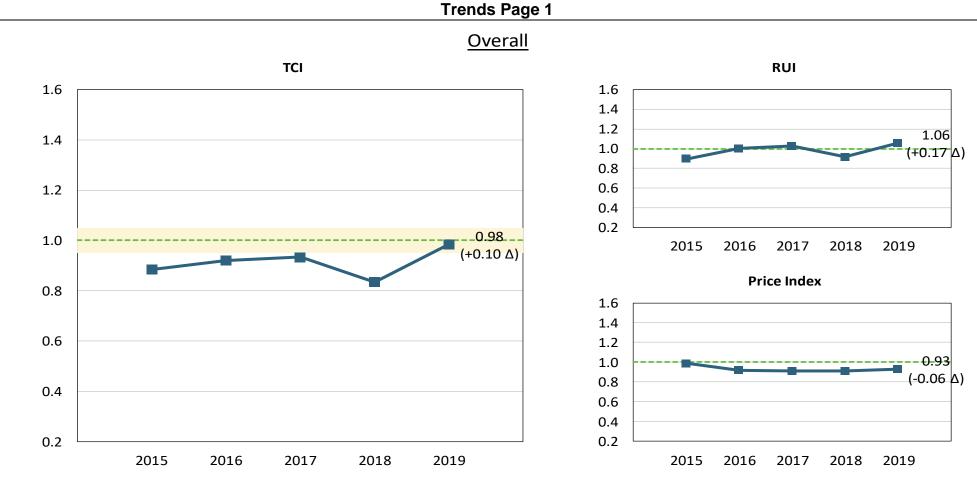
Clinic OR Average

Pharmacy includes all drugs covered by the patient's pharmacy benefit.

* Utilization and Quality measures are for commercial population only and are not risk adjusted. OR Average is the average for the patients attributed to clinics receiving these reports.



Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019



--- Benchmark ---- Clinic

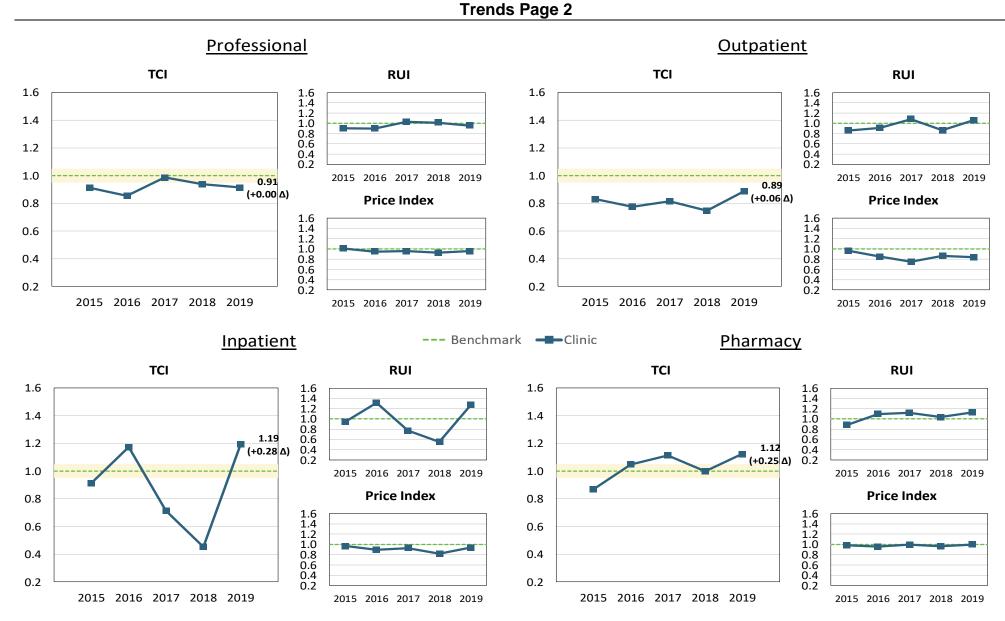
	Overall			Professional			Outpatient			Inpatient			Pharmacy		
Year	TCI	RUI	Price Index	TCI	RUI	Price Index	TCI	RUI	Price Index	TCI	RUI	Price Index	TCI	RUI	Price Index
2015	0.88	0.89	0.99	0.91	0.90	1.01	0.83	0.86	0.96	0.91	0.94	0.97	0.87	0.88	0.99
2016	0.92	1.00	0.92	0.85	0.90	0.95	0.77	0.91	0.85	1.17	1.31	0.89	1.05	1.10	0.96
2017	0.93	1.03	0.91	0.99	1.03	0.96	0.81	1.08	0.75	0.71	0.77	0.93	1.11	1.12	0.99
2018	0.83	0.92	0.91	0.94	1.02	0.92	0.75	0.87	0.86	0.45	0.56	0.82	1.00	1.04	0.96
2019	0.98	1.06	0.93	0.91	0.96	0.96	0.89	1.06	0.84	1.19	1.27	0.94	1.12	1.13	1.00

OR Average is the average for the patients attributed to clinics receiving these reports.

Adult Clinic Comparison Report: Quality, Utilization & Cost



Segment: Commercially Insured Adults Age 18-64 Reporting Period: Jan 2019 – Dec 2019



OR Average is the average for the patients attributed to clinics receiving these reports.