



# Wisconsin Health Information Organization (WHIO)

## Presentation to the Group Insurance Board

**November 12<sup>th</sup>, 2013**



# WHIO

## *Driving Transparency to Improve Your Healthcare*

- An “All Payer Claims Datamart” (APCD)
- Collects healthcare data from payers, aggregates the data and then distributes HIPAA compliant data to approximately 200 end users
- Formed in 2005 by a multi-stakeholder group of healthcare professionals
- A Non-profit 501 c 3



# WHIO Members

- Greater Milwaukee Business Foundation on Health
- Humana
- The Alliance
- United Healthcare of WI
- Anthem BC/BS of WI
- WEA Trust
- WPS Health Insurance
- Wisconsin Medical Society
- Gundersen Lutheran Health Plan
- Mercy Health Plan
- Physicians Plus Insurance
- The Wisconsin Collaborative for Healthcare Quality
- Wisconsin Department of Health Services
- Wisconsin Department of Employee Trust Funds
- Wisconsin Hospital Association
- Group Health Cooperative South Central Wisconsin
- Health Tradition Health Plan
- Unity Health Plan
- Dean Health Plan
- Security Health Plan
- Network Health Plan



# WHIO Subscribers

- Aurora Health
- NEWHVN
- Aspirus
- Bellin Health
- ThedaCare
- Froedtert Health
- Children's Hospital of WI
- Centene/MHS
- WIPHCA

# Datamart growth and stabilization

	DMV2	DMV3	DMV4	DMV5	DMV6	DMV7	DMV8
<b>Members Included</b>	1.51 M	2.82 M	3.44 M	3.73 M	3.86 M	3.94 M	3.95 M
<b>% WI Population</b>	26.8%	47.1%	58.0%	62.8%	64.9%	65.6%	65.7%
<b>Claims Included</b>	72.7 M	136.8 M	207.1 M	233.5 M	247.6 M	249.6 M	247 M
% Commercial Claims	92%	52%	40%	42%	42%	42%	40%
% Medicaid FFS Claims	0%	42%	29%	26%	25%	24%	24%
% Medicaid HMO Claims	0%	0%	20%	19%	20%	20%	22%
% Medicare Claims	8%	6%	11%	13%	13%	14%	14%
<b>Claim \$ Included (Std. Cost/ Billed)</b>		<b>\$20.7 B / \$35.7 B</b>	<b>\$28.9 B / \$51.6 B</b>	<b>\$32.2 B / \$59.3 B</b>	<b>\$34.4 B / \$64 B</b>	<b>\$35.7 B / \$66 B</b>	<b>\$36.8 B / \$67.5 B</b>
<b>Episodes of Care</b>	7.3 M	11.1 M	18.8 M	21.5 M	23.1 M	23.7 M	23.9 M
<b>Providers Included</b>		133,845	88,171	93,245	95,214	98,278	90,956
	10/2006 - 12/2008	10/2007 - 12/2009	4/2008 - 6/2010	10/2008 - 12/2010	4/2009 - 6/2011	10/2010 - 12/2011	4/2010 - 6/2011
<b>Datamart Published:</b>	<b>October, 2009</b>	<b>April, 2010</b>	<b>October, 2010</b>	<b>April, 2011</b>	<b>October, 2011</b>	<b>April, 2012</b>	<b>December, 2012</b>

<i>Original Data Contributors</i>	<b>New data contributors added</b>					
	<b>DMV3</b>	<b>DMV4</b>	<b>DMV5</b>	<b>DMV6</b>	<b>DMV7</b>	<b>DMV8</b>
Anthem	WI Medicaid (FFS)	WI Medicaid (HMO)	Network HP	Health Traditions	The Alliance	<i>No new data contributors</i>
Humana	Gundersen Lutheran	Dean	Physicians Plus	Unity		
UHC WI		Security				
WEA		MercyCare				
WPS		GHC-SW				



# CAUTION!

- Please note that these slides are **EXAMPLES** of the type of information that can be obtain by analyzing WHIO Administrative Claims Data.
- This type of high level analysis requires “deeper dives” into the details and ultimate causes.
- The analyzes provide directional information as to where to focus further analytic efforts.
- All of the analyzes are based entirely on medical and pharmacy claims submitted to payers by providers for services delivered.



# Population Data

- WHIO contains a vast amount of health care service data (~ 250M claims; \$66B billed) for Commercial, Medicaid, and Medicare Advantage populations
  - Condition-specific cost and utilization; Total Cost of Care
  - Service utilization per 1,000 population by Type of Service (e.g. ER visits; MRIs)
  - Prescription drug utilization and prescribing patterns
  - Inpatient confinements, days per 1000, ALOS
  - Compliance with evidence-based quality process measures
  - Stratification by geography; clinical condition; risk; provider affiliation; age/gender; product

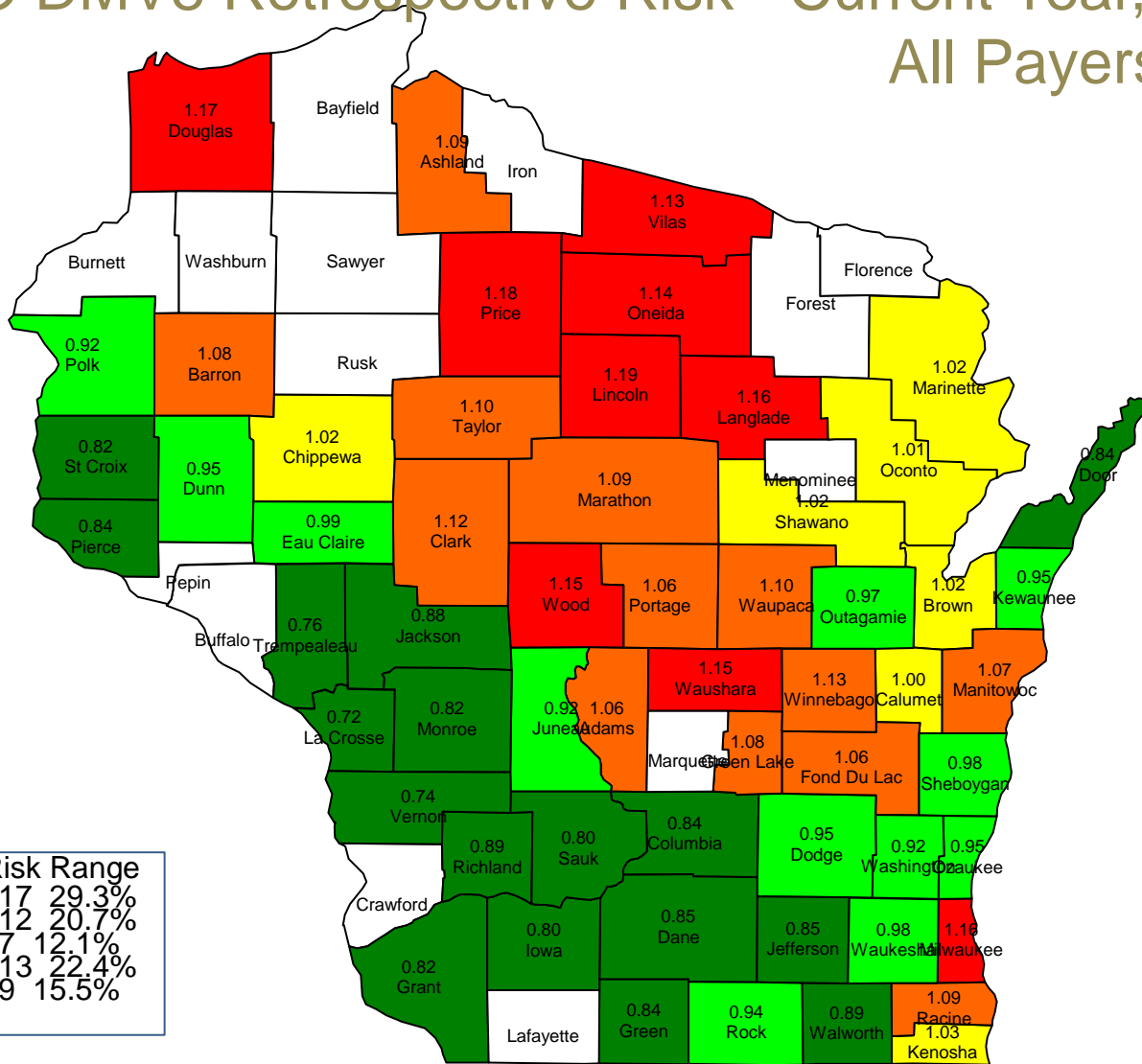


# WHIO Population-based Analysis and Total Cost of Care

*Analyzing Populations and Health Risk*

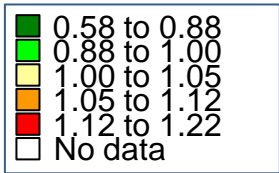
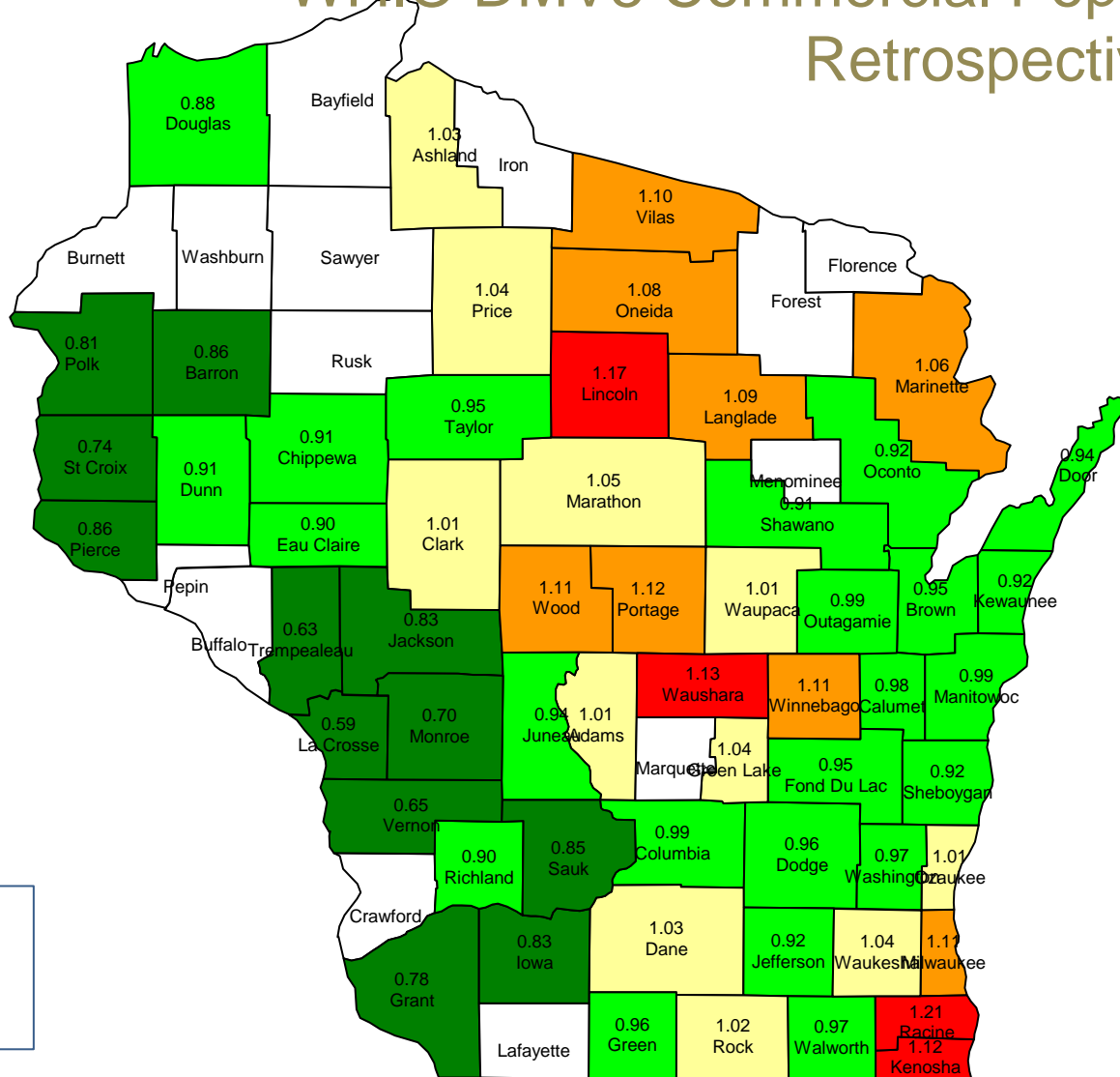


# WHIO DMV8 Retrospective Risk - Current Year, All Payers



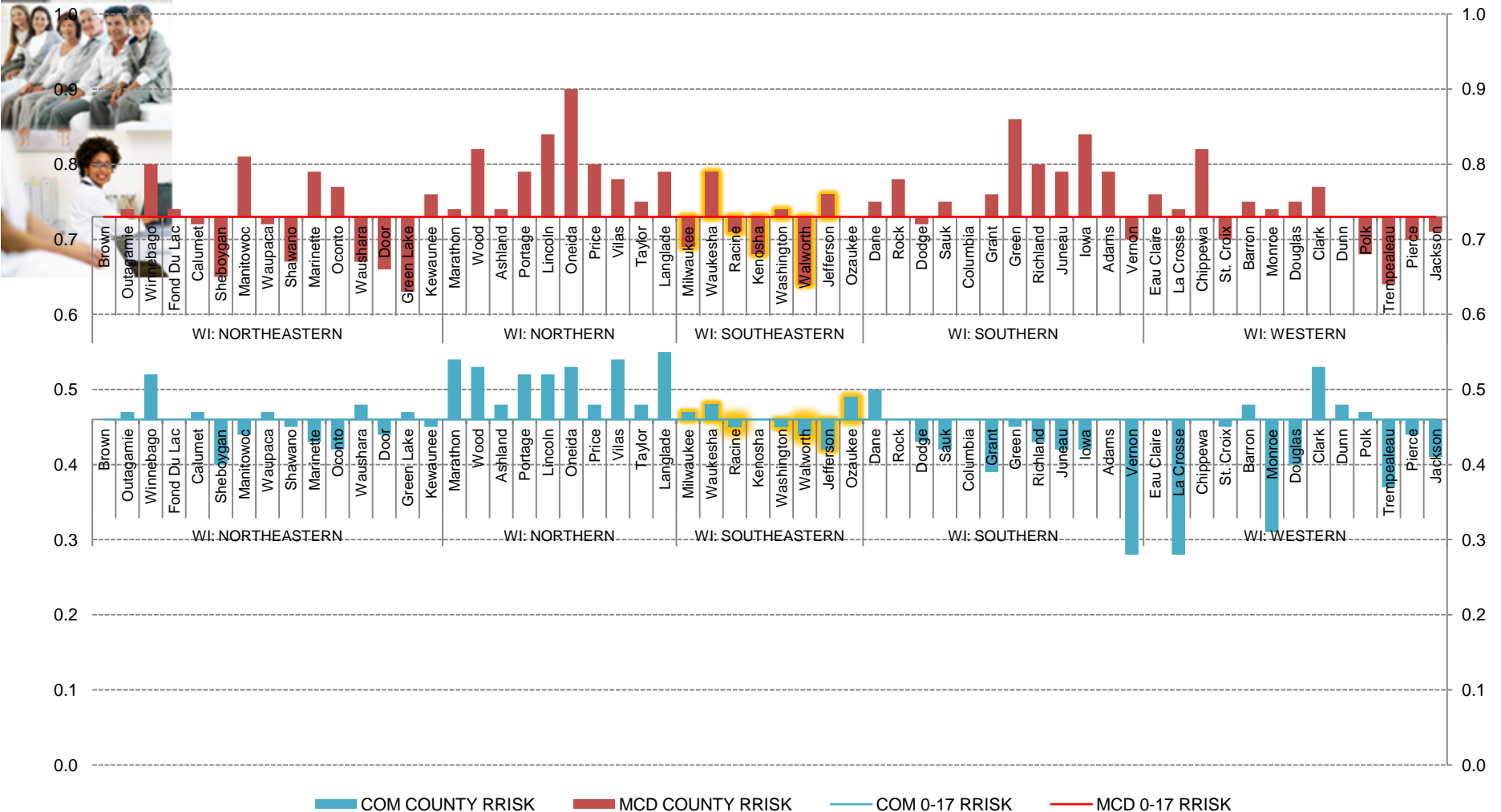
Retrospective Risk Range		
0.72 to 0.90	17	29.3%
0.90 to 1.00	12	20.7%
1.00 to 1.05	7	12.1%
1.05 to 1.13	13	22.4%
1.13 to 1.20	9	15.5%
No data		

# WHIO DMV8 Commercial Population Retrospective Risk



# A comparison of Patient Population Relative Risk Using WHIO Datamart v8 Data: Commercial and Medicaid Patients Age 0 - 17

Relative Risk is a measure of expected resource use derived from health claims from the preceding 12 months



**Western Region - Commercial members only**

Member County	Number of Members	Actual Total Billed	ERG Retrospective Risk	Risk Index (vs. WI avg)	Actual Billed PMPM	Member Months	Risk Adj billed PMPM
LA CROSSE	51,438	\$168,617,935	0.62	0.59	\$300	561,949	\$480
EAU CLAIRE	18,944	\$88,218,334	0.95	0.90	\$518	170,367	\$546
CHIPPEWA	11,425	\$64,834,500	0.97	0.91	\$584	110,966	\$603
CLARK	9,457	\$60,190,133	1.07	1.01	\$580	103,785	\$541
MONROE	11,596	\$45,257,263	0.74	0.70	\$372	121,575	\$500
BARRON	7,691	\$41,523,981	0.91	0.86	\$528	78,613	\$582
TREMPEALEAU	10,566	\$39,235,320	0.67	0.63	\$351	111,812	\$526
JACKSON	6,139	\$33,039,177	0.88	0.83	\$499	66,265	\$564
ST. CROIX	8,063	\$30,029,812	0.78	0.74	\$447	67,202	\$570
DUNN	5,782	\$29,110,593	0.96	0.91	\$532	54,688	\$555
PIERCE	5,620	\$27,902,124	0.91	0.86	\$542	51,445	\$595
POLK	4,892	\$21,696,822	0.86	0.81	\$477	45,530	\$553
DOUGLAS	3,210	\$13,320,571	0.93	0.88	\$425	31,310	\$455
<b>Region total</b>	154,823	\$662,976,565	0.79	0.75	\$421	1,575,507	\$532

**Southeastern Region - Commercial members only**

MILWAUKEE	200,043	\$1,512,074,550	1.18	1.11	\$749	2,018,291	\$635
WAUKESHA	128,252	\$944,325,530	1.11	1.04	\$710	1,330,397	\$642
RACINE	48,209	\$413,448,371	1.28	1.21	\$834	495,637	\$650
WASHINGTON	43,661	\$296,229,552	1.03	0.97	\$650	455,589	\$632
KENOSHA	29,468	\$243,984,339	1.19	1.12	\$816	299,028	\$686
OZAUKEE	32,346	\$239,594,349	1.07	1.01	\$701	341,954	\$655
JEFFERSON	32,380	\$177,489,109	0.97	0.92	\$554	320,364	\$569
WALWORTH	26,663	\$175,661,735	1.03	0.97	\$670	262,104	\$652
<b>Region total</b>	541,022	\$4,002,807,534	1.13	1.07	\$725	5,523,364	\$640
<b>Wisconsin Total</b>	1,801,300	\$11,301,546,514	1.06	1.00	\$606	18,651,864	\$572



# Racine County: Drill down to Practice Level

Family Practice Location	Number of Providers	Number of Imputed Members	Overall Resource Use Index	Overall Quality Index
BURLINGTON	10	3,371	1.16	0.86
RACINE - EAST	7	3,301	1.12	0.89
SPRING STREET	7	3,242	1.02	0.77
UNION GROVE	3	1,369	1.20	0.96
FOUR MILE RD	3	1,046	1.16	0.97
RACINE - NORTH	2	702	1.08	0.91
BANKERS RD	2	688	1.12	0.89
WATERFORD	2	683	1.14	0.93
DRS SC	2	458	1.11	0.84

# Drill down to Service Categories: Overall Resource Use Index



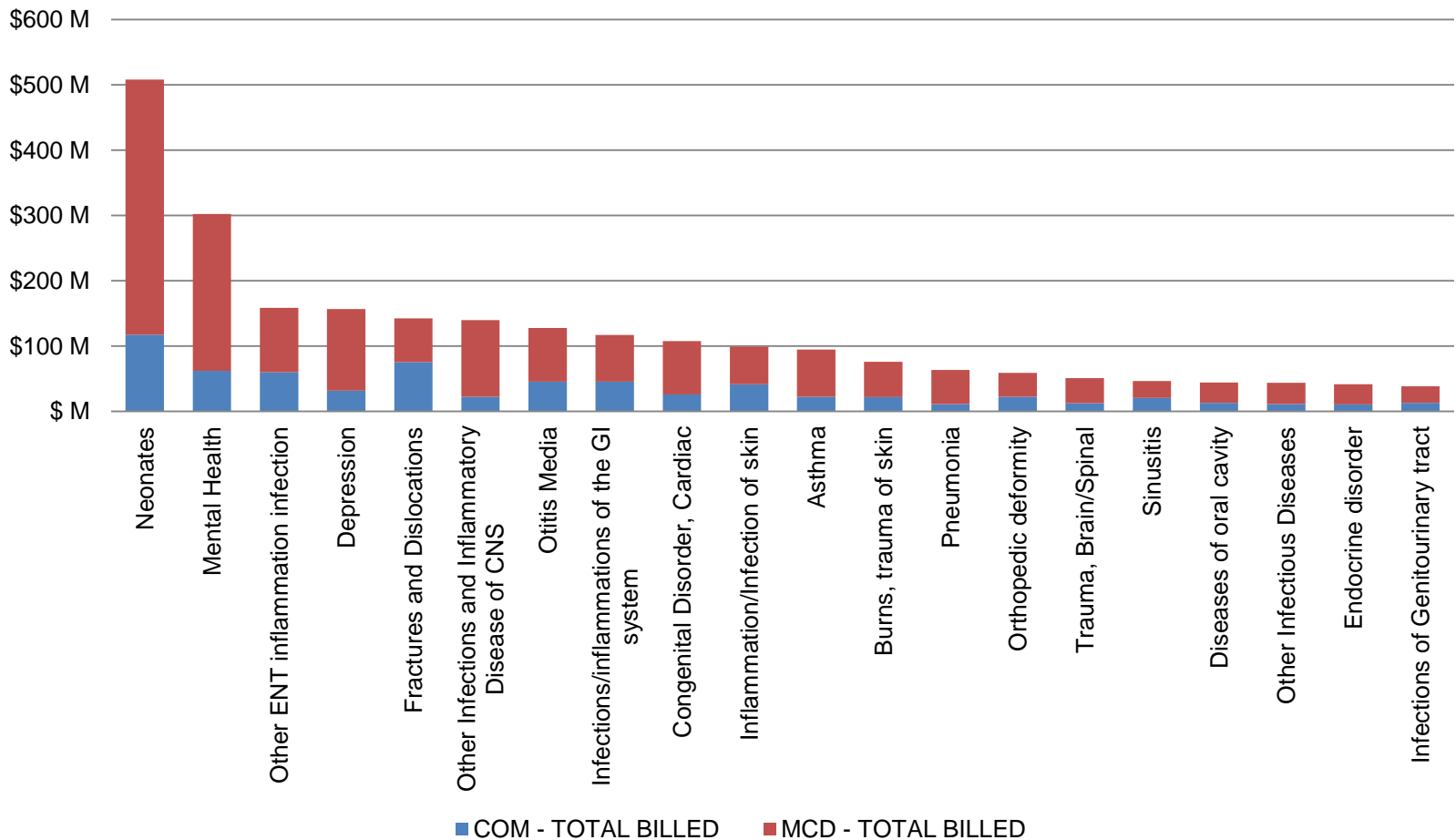
		ER	Hospital Services	Laboratory	Pharmacy	Primary Care Core	Radiology	Specialty Care	Summary
BURLINGTON	DR. A	1.55	1.89	1.44	1.00	1.18	2.17	1.41	1.49
	DR. B	1.26	1.17	1.04	1.06	1.17	1.61	1.08	1.16
	DR. C	1.15	1.36	1.13	1.26	1.13	1.28	1.11	1.21
	DR. D	0.94	1.01	1.05	1.50	0.92	0.91	0.86	1.02
	DR. E	1.02	1.38	0.99	1.09	1.09	1.26	1.22	1.21
	DR. F	0.51	1.06	1.22	0.66	0.88	1.90	1.46	1.19
	DR. G	1.62	1.11	0.74	0.66	0.89	1.37	0.99	0.98
	DR. H	1.44	1.11	1.15	0.56	0.93	1.26	1.18	1.04
	DR. I	0.57	1.11	1.23	2.20	0.81	1.66	1.21	1.32
	DR. J	0.90	1.44	1.45	1.36	0.98	1.64	1.18	1.30
	DR. K	0.54	1.54	1.41	1.47	0.84	1.56	1.28	1.33
<b>BURLINGTON</b>		<b>1.11</b>	<b>1.35</b>	<b>1.20</b>	<b>1.14</b>	<b>0.99</b>	<b>1.49</b>	<b>1.17</b>	<b>1.21</b>



# DRIVERS OF HEALTH CARE COSTS



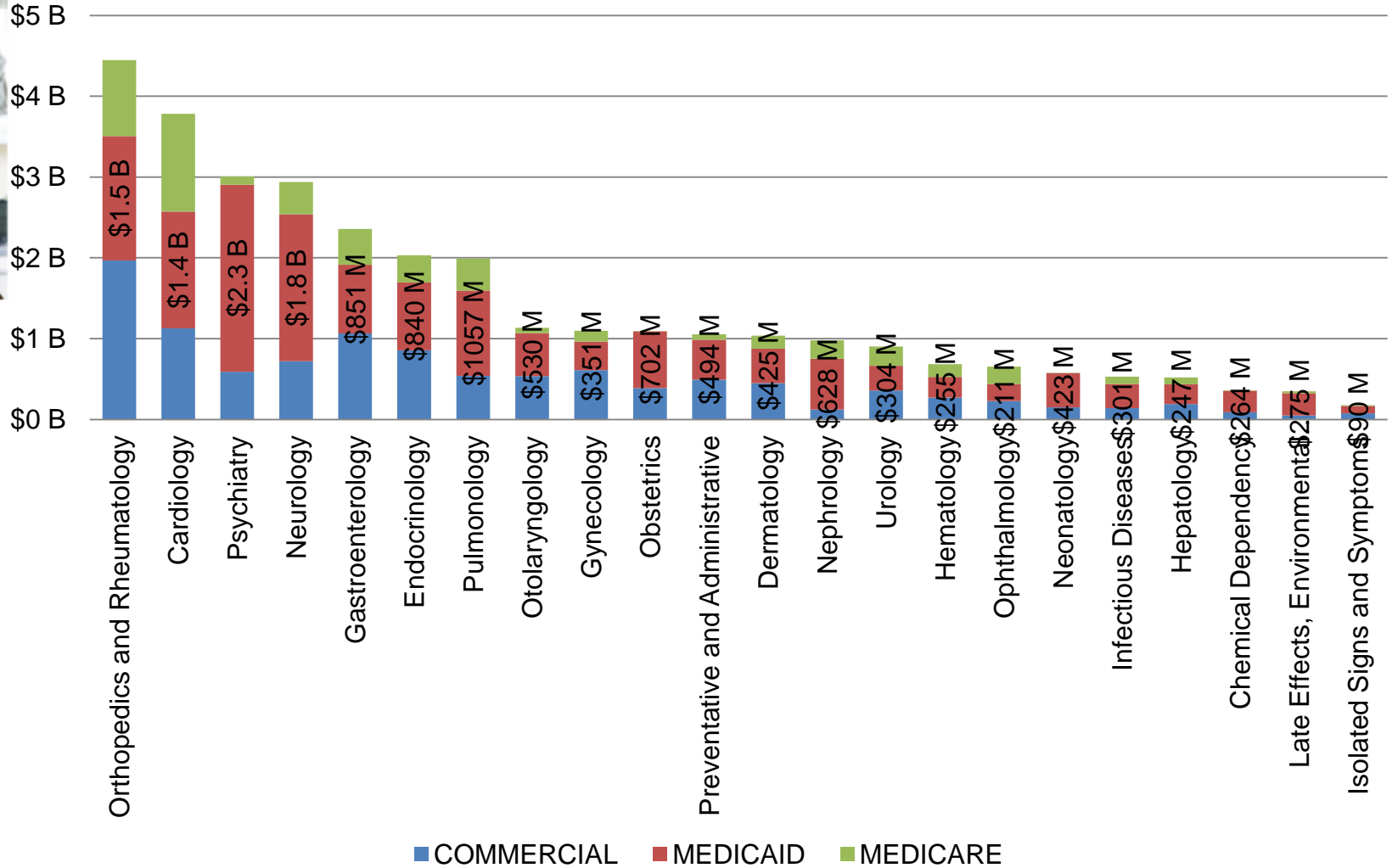
## TOTAL BILLED AMOUNT WISCONSIN PATIENTS **AGE 0 - 17** TOP 20 DISEASE/CONDITION-RELATED TREATMENT CATEGORIES WHIO DATAMART v8





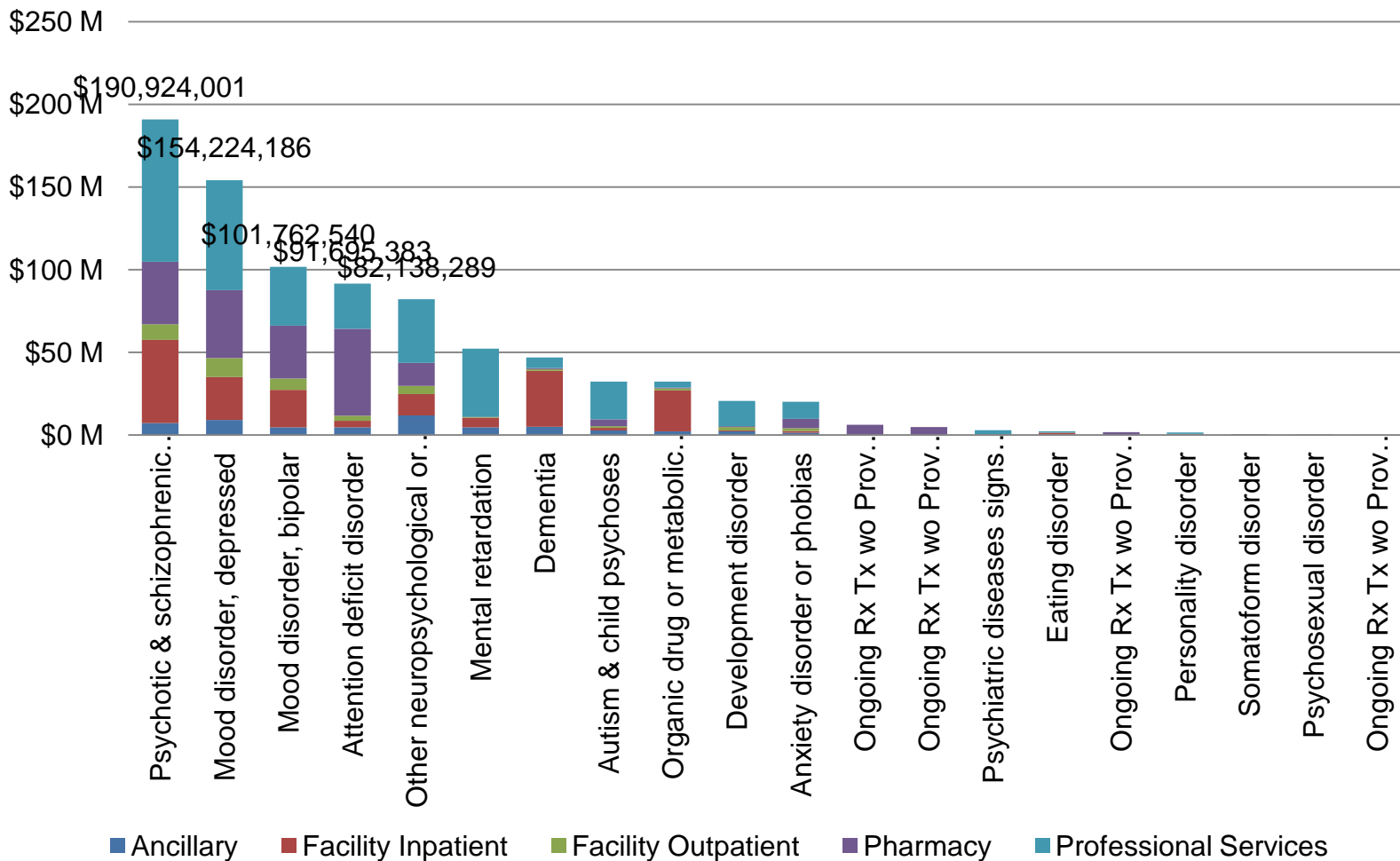


## TOTAL STANDARD COST BY MAJOR PRACTICE CATEGORY



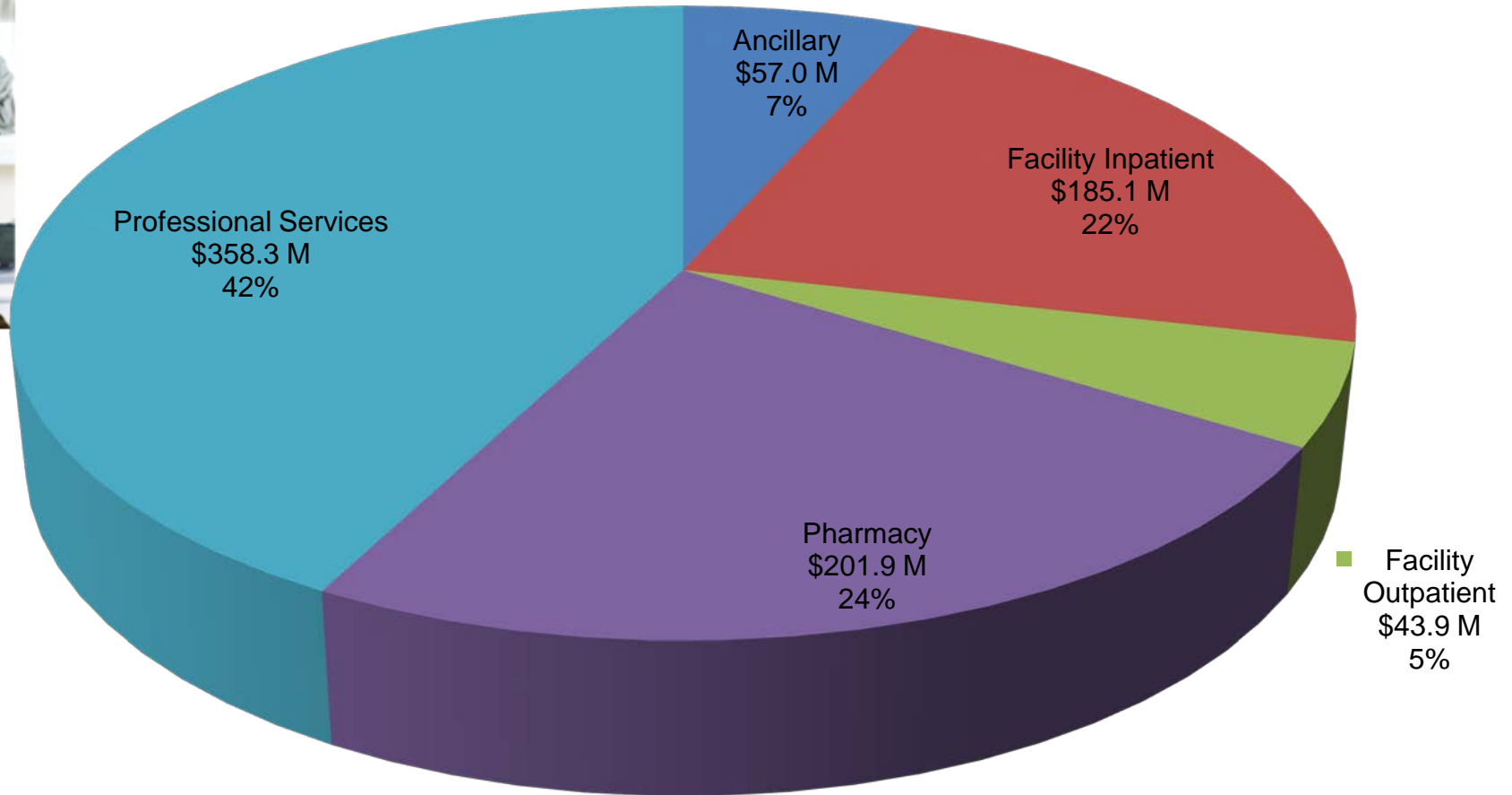


## TOTAL STANDARD COST FOR PSYCHIATRY ETGs MEDICAID ONLY, BY TYPE OF SERVICE



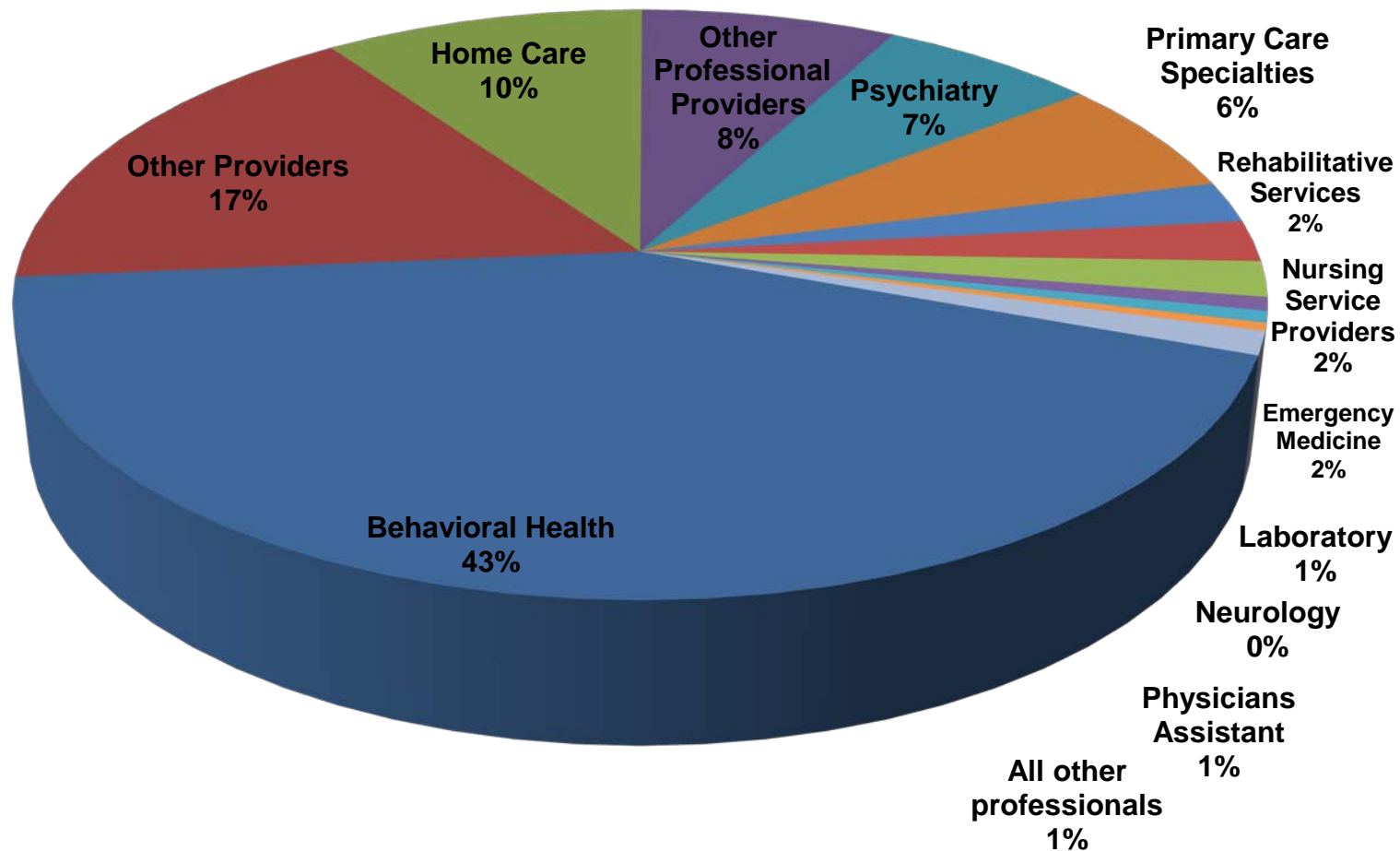


## TOTAL STANDARD COST FOR ALL PSYCHIATRY ETGs MEDICAID ONLY, BY TYPE OF SERVICE





## TOTAL STANDARD COST FOR ALL **PSYCHIATRY** ETGs **MEDICAID** ONLY, BY SERVICE PROVIDER SPECIALTY

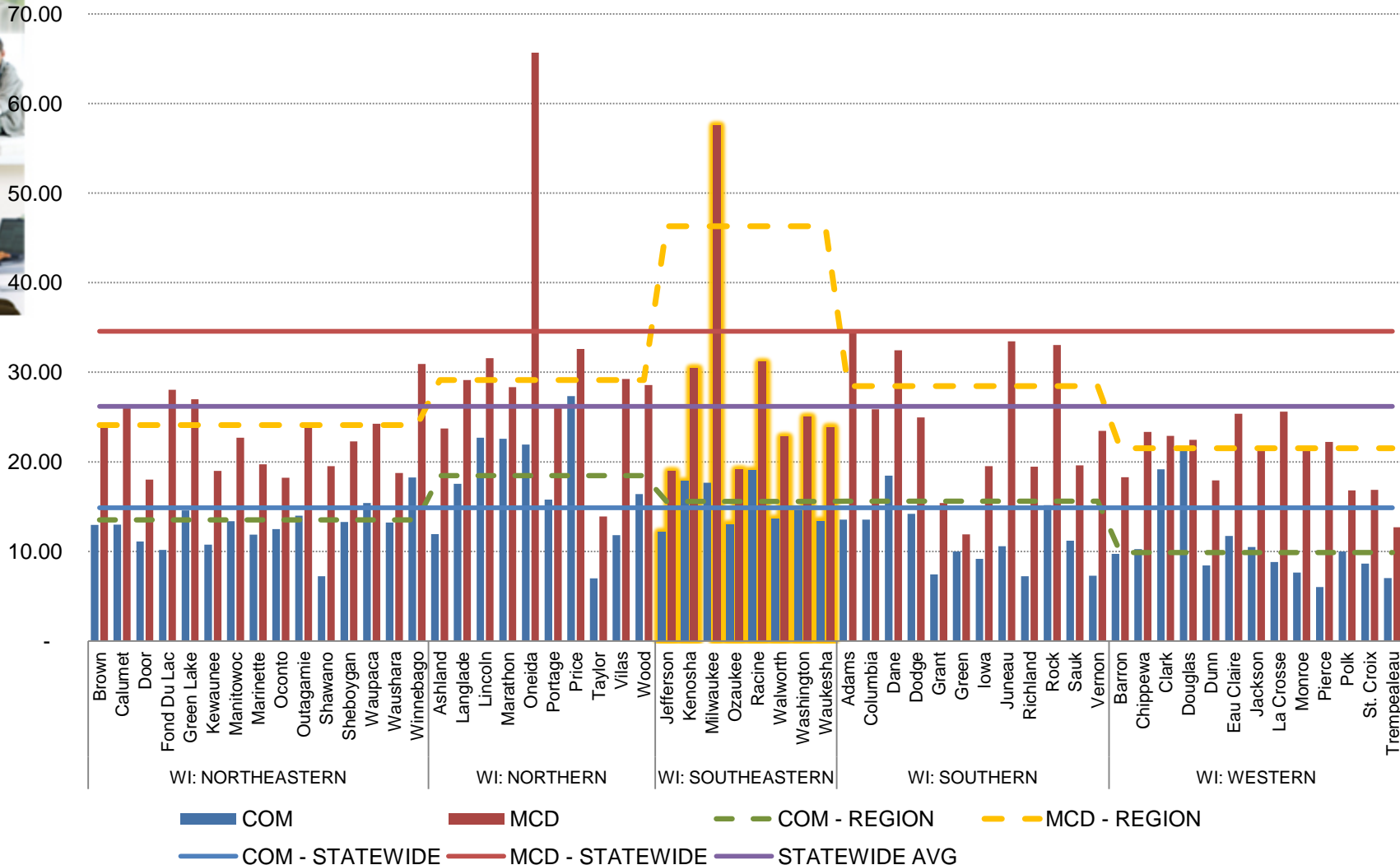




## Wisconsin Medicaid population (all ages) Disease Prevalence Total Billed cost of care and condition-related treatment

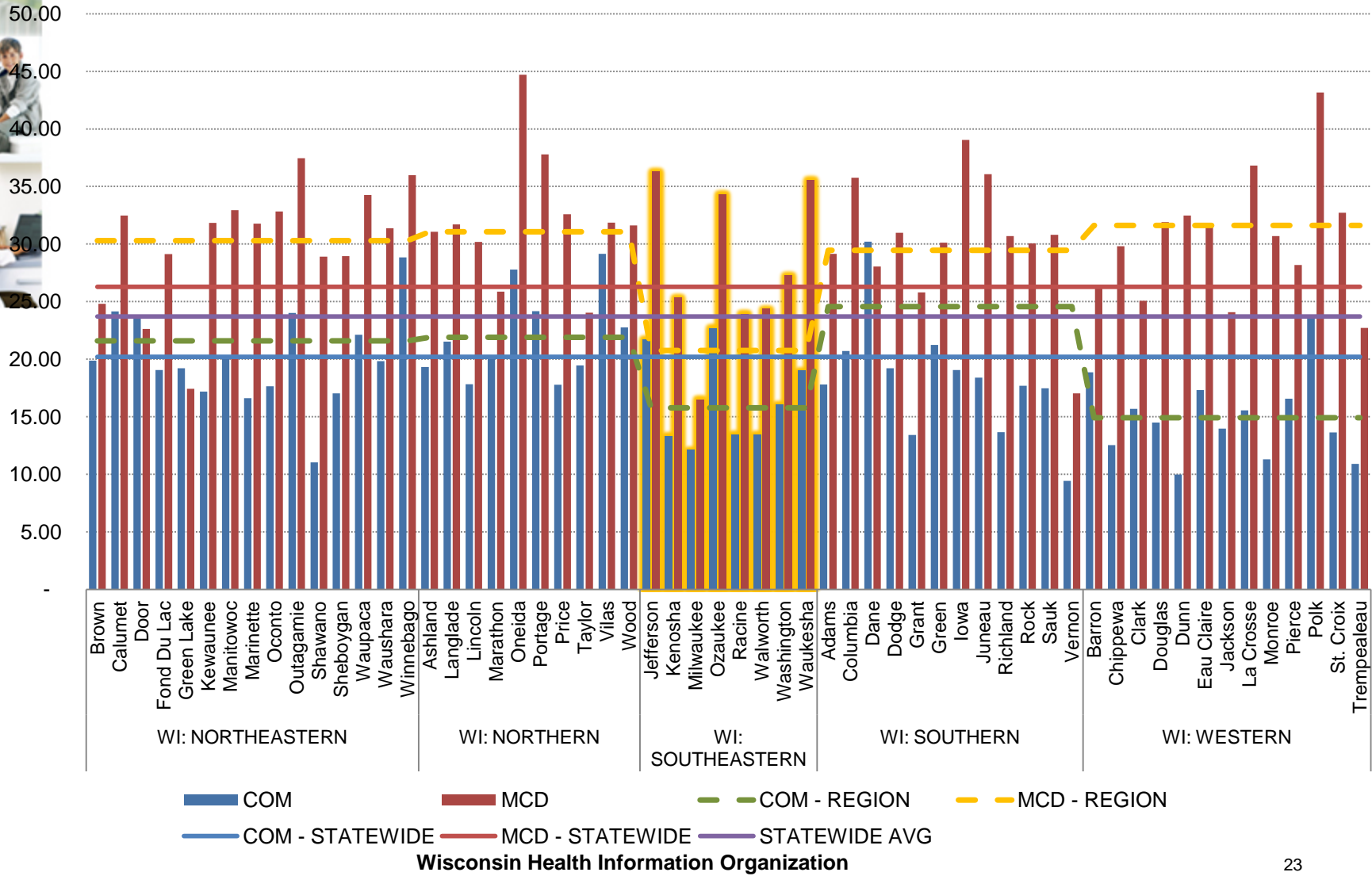
# of Members with Condition	Total Billed - all care for Member	Disease-related Billed Amount						% of Billed that is Condition- related
		Facility Inpatient	Facility Outpatient	Ancillary	Professional Services	Pharmacy	Total	
<b>Depression</b>								
115,557	\$3.2 B							
	<i>Total Billed PMPM</i>	\$584	\$487	\$148	\$834	\$329	\$2,382	
	<i>Disease-related</i>	\$67	\$41	\$8	\$142	\$107	\$366	15%
<b>Diabetes</b>								
65,350	\$2.5 B							
	<i>Total Billed PMPM</i>	\$1,065	\$773	\$293	\$980	\$319	\$3,431	
	<i>Disease-related</i>	\$90	\$68	\$30	\$110	\$98	\$395	12%
<b>Hypertension</b>								
81,512	\$3.8 B							
	<i>Total Billed PMPM</i>	\$1,346	\$987	\$324	\$1,219	\$220	\$4,096	
	<i>Disease-related</i>	\$26	\$67	\$10	\$85	\$18	\$206	5%
<b>Asthma</b>								
40,023	\$977.0 M							
	<i>Total Billed PMPM</i>	\$436	\$512	\$153	\$777	\$218	\$2,097	
	<i>Disease-related</i>	\$30	\$70	\$24	\$80	\$66	\$271	13%
<b>Back and Spine, pain or condition</b>								
54,160	\$1.7 B							
	<i>Total Billed PMPM</i>	\$580	\$689	\$165	\$1,098	\$239	\$2,772	
	<i>Disease-related</i>	\$85	\$151	\$9	\$279	\$37	\$562	20%

# INCIDENCE PER 1,000 POPULATION PATIENTS AGE 0 - 17 WITH INDICATION OF **ASTHMA** WHIO DATAMART v8





# INCIDENCE PER 1,000 POPULATION PATIENTS AGE 0 - 17 WITH INDICATION OF DEPRESSION WHIO DATAMART v8



## Compare Standardized Total Cost of Care PMPMs by Condition Patient County to Statewide Average

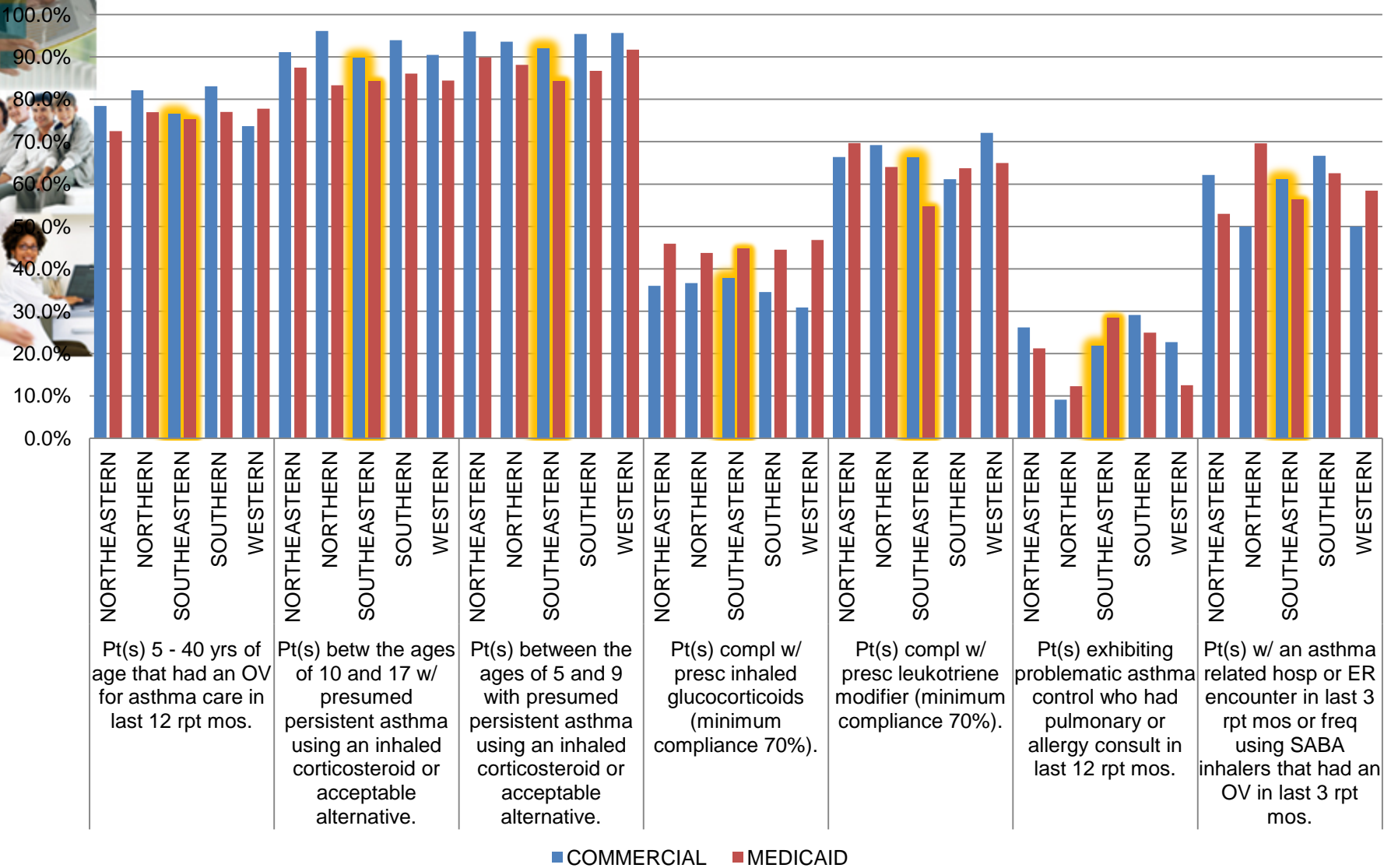
Member County	Hypertension	Back & Spine, pain or condition	Diabetes	Depression	Asthma
WI, Milwaukee	\$4,547	\$3,362	\$4,634	\$3,363	\$2,005
WI, Kenosha	\$4,585	\$3,602	\$3,979	\$2,645	\$2,523
WI, Waukesha	\$4,550	\$3,403	\$3,368	\$2,471	\$2,532
WI, Walworth	\$4,911	\$2,747	\$3,647	\$2,453	\$2,042
WI, Brown	\$4,356	\$2,830	\$3,477	\$2,310	\$2,437
WI, Racine	\$3,859	\$3,068	\$3,389	\$2,507	\$2,218
WI, Dane	\$4,525	\$2,654	\$3,312	\$2,220	\$2,090
WI, Waushara	\$4,099	\$3,061	\$2,617	\$1,903	\$2,845
WI, Marinette	\$4,337	\$2,868	\$2,696	\$2,252	\$2,352
WI, St. Croix	\$4,264	\$2,706	\$2,481	\$2,144	\$2,780
*					
*					
*					
WI, Monroe	\$3,273	\$1,695	\$2,646	\$1,848	\$1,944
WI, Waupaca	\$2,759	\$2,316	\$2,317	\$1,930	\$1,892
WI, Trempealeau	\$3,044	\$2,059	\$2,412	\$1,870	\$1,620
WI, Grant	\$2,898	\$2,122	\$2,233	\$1,618	\$1,740
WI, Door	\$3,168	\$1,470	\$2,200	\$1,506	\$1,776
<b>Summary</b>	\$4,096	\$2,772	\$3,431	\$2,382	\$2,097





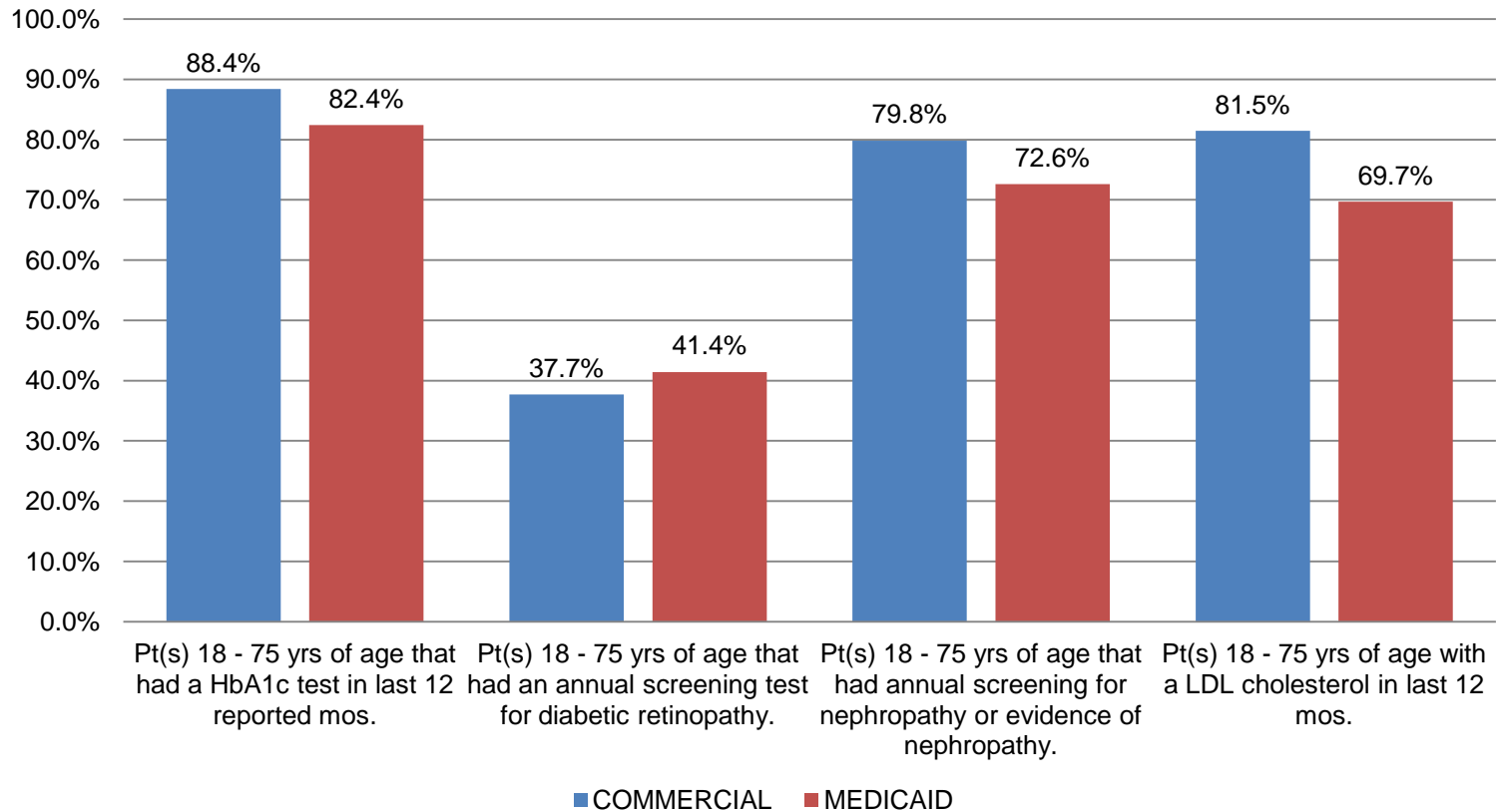
# COMPLIANCE WITH EVIDENCE- BASED STANDARDS OF CARE

# ASTHMA PROCESS QUALITY MEASURES BY PATIENT REGION WISCONSIN COMMERCIAL AND MEDICAID PATIENTS AGE 0-17 WHIO DATAMART v8





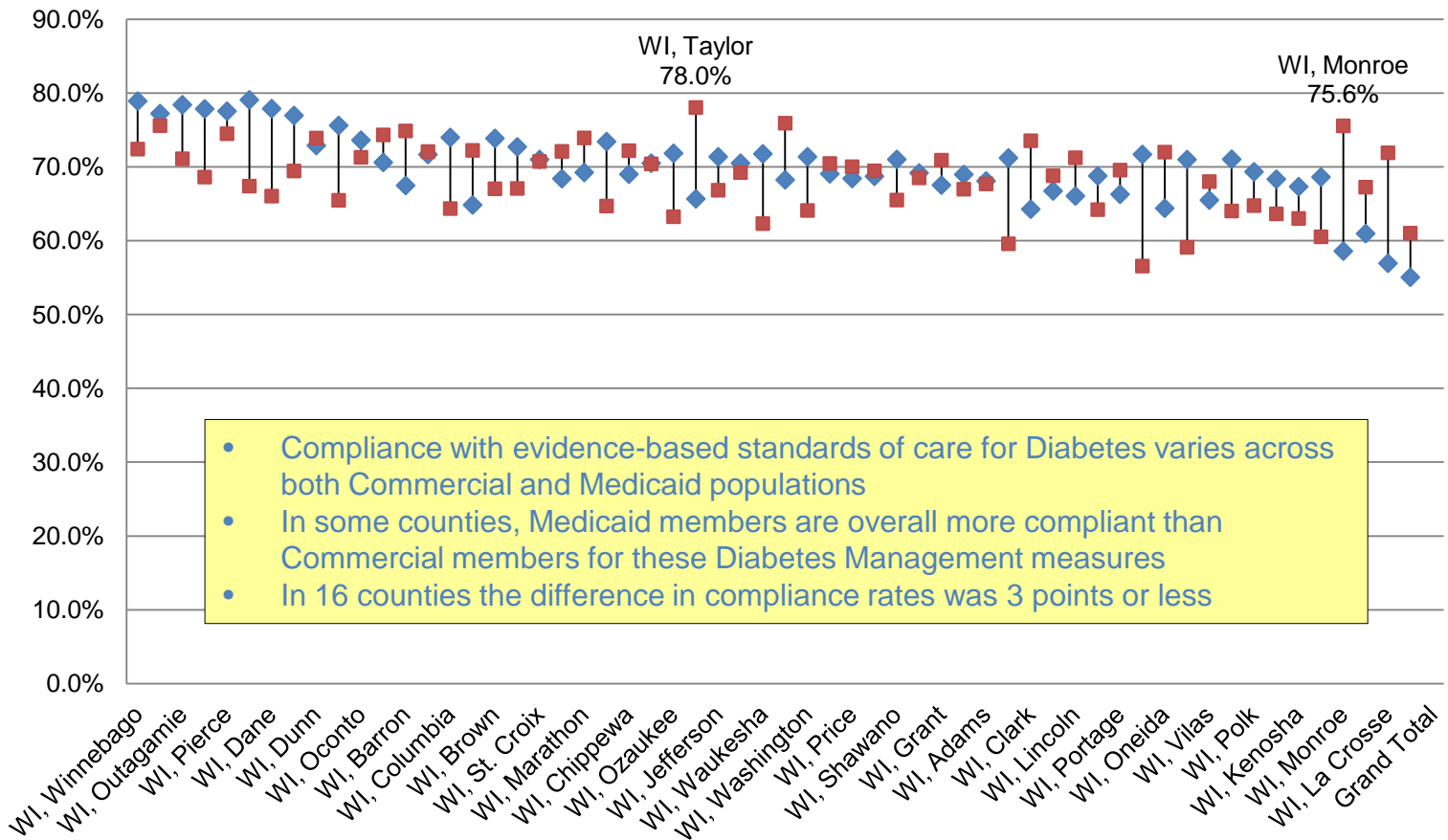
## Comparison of Compliance with Diabetes Management National Standard Measures





# Comparison by County

## Compliance Rates - Diabetes Management Measures by Member County

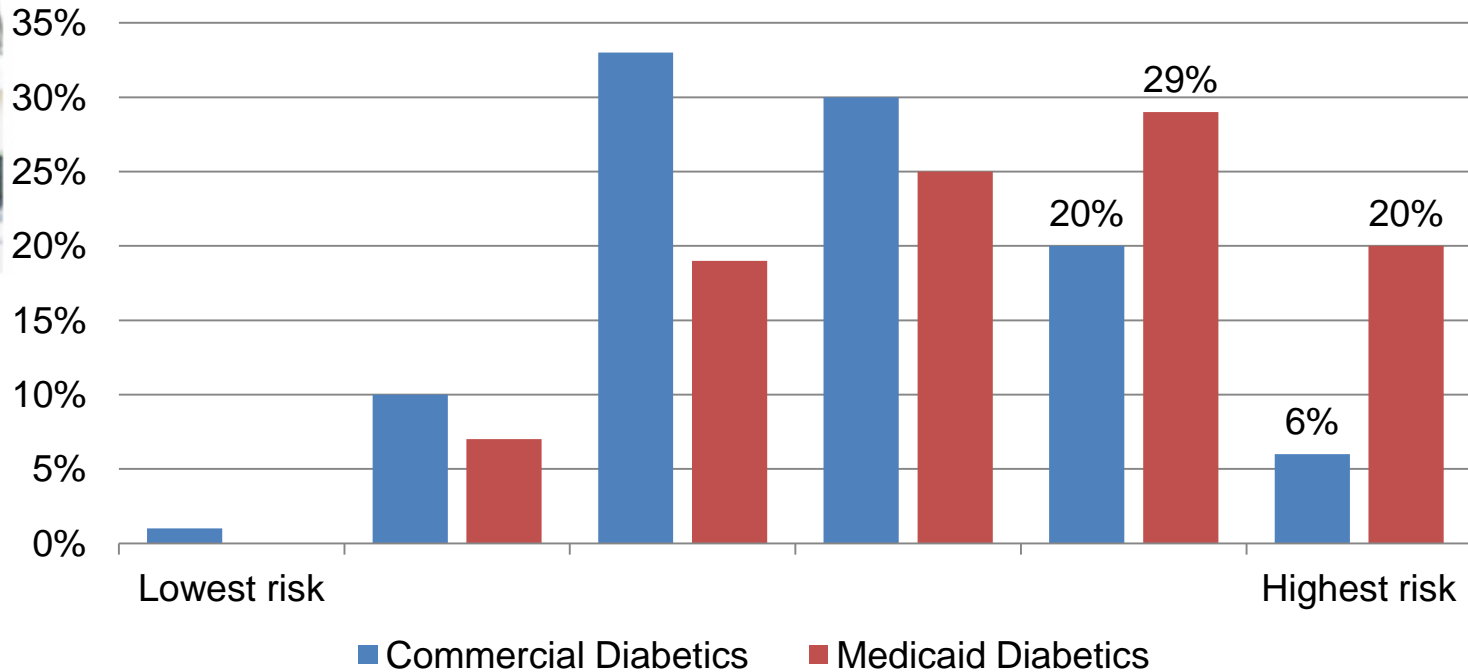


- Compliance with evidence-based standards of care for Diabetes varies across both Commercial and Medicaid populations
- In some counties, Medicaid members are overall more compliant than Commercial members for these Diabetes Management measures
- In 16 counties the difference in compliance rates was 3 points or less



# Medicaid Diabetics are Higher Risk

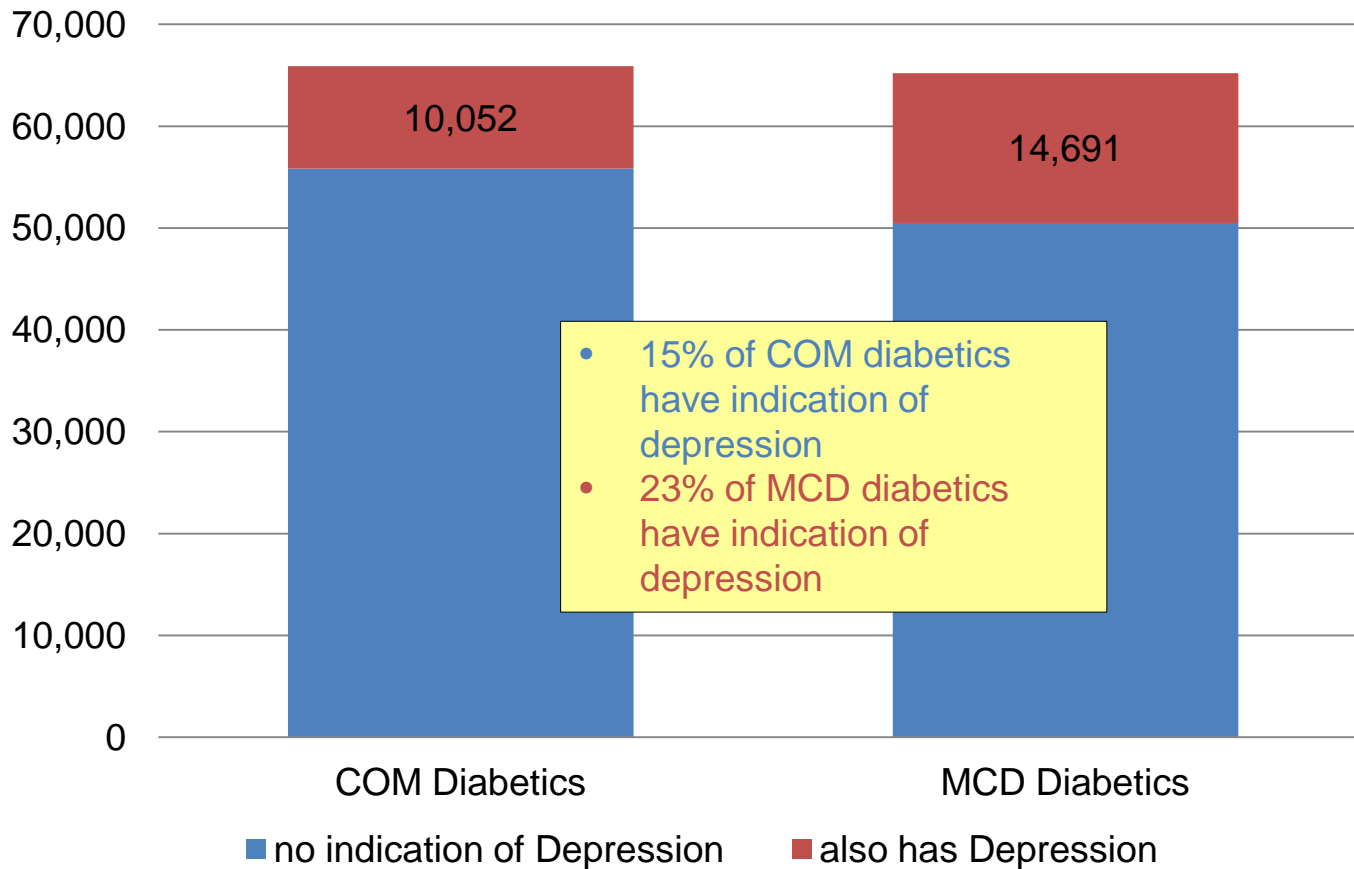
## Diabetic Members Risk Distribution





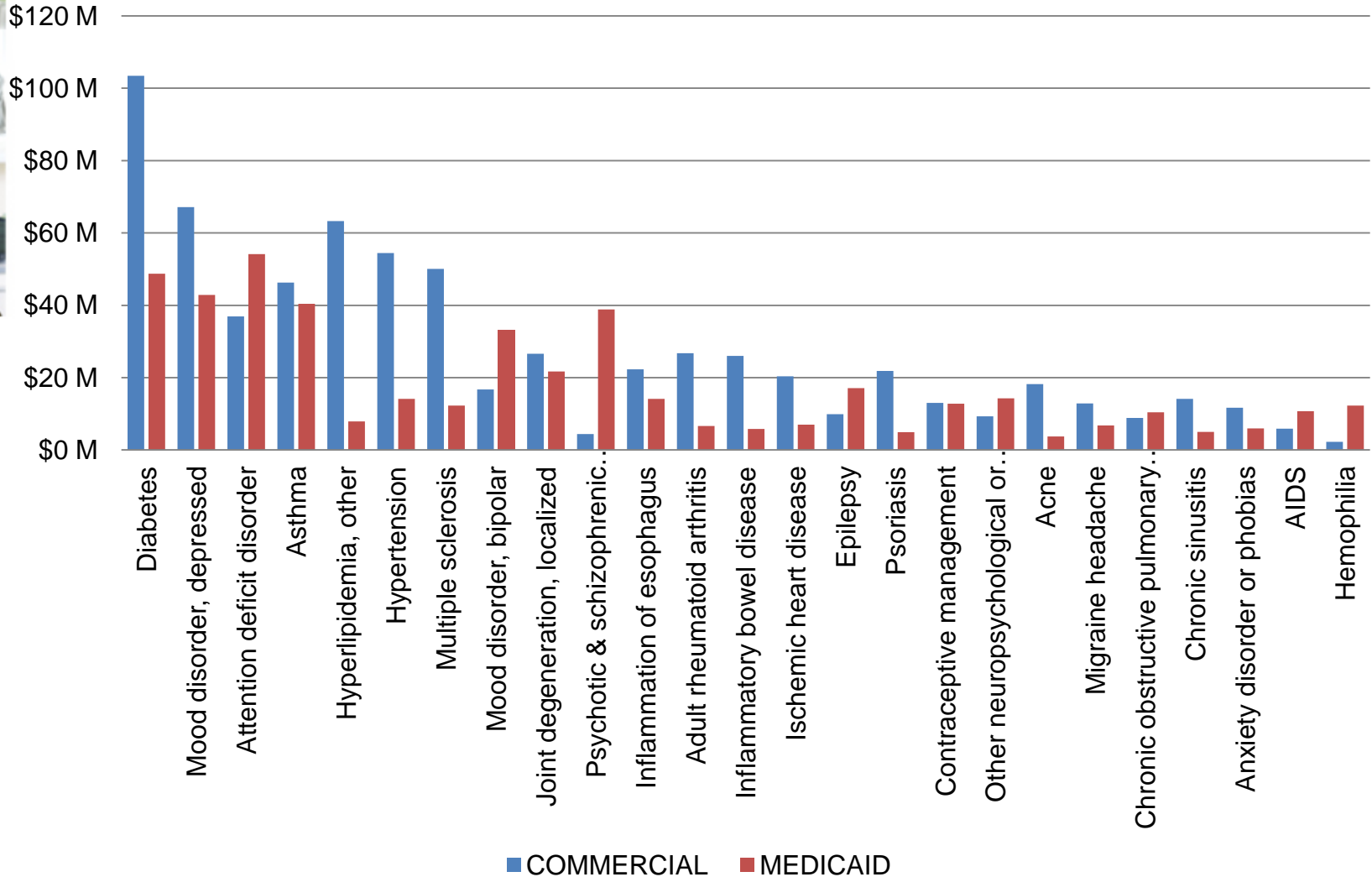
# Both populations have incidence of Diabetes with Depression

## Diabetes with Depression





## TOP 25 ETG FAMILIES IN PHARMACY COST RANKED BY COMBINED STANDARD COST





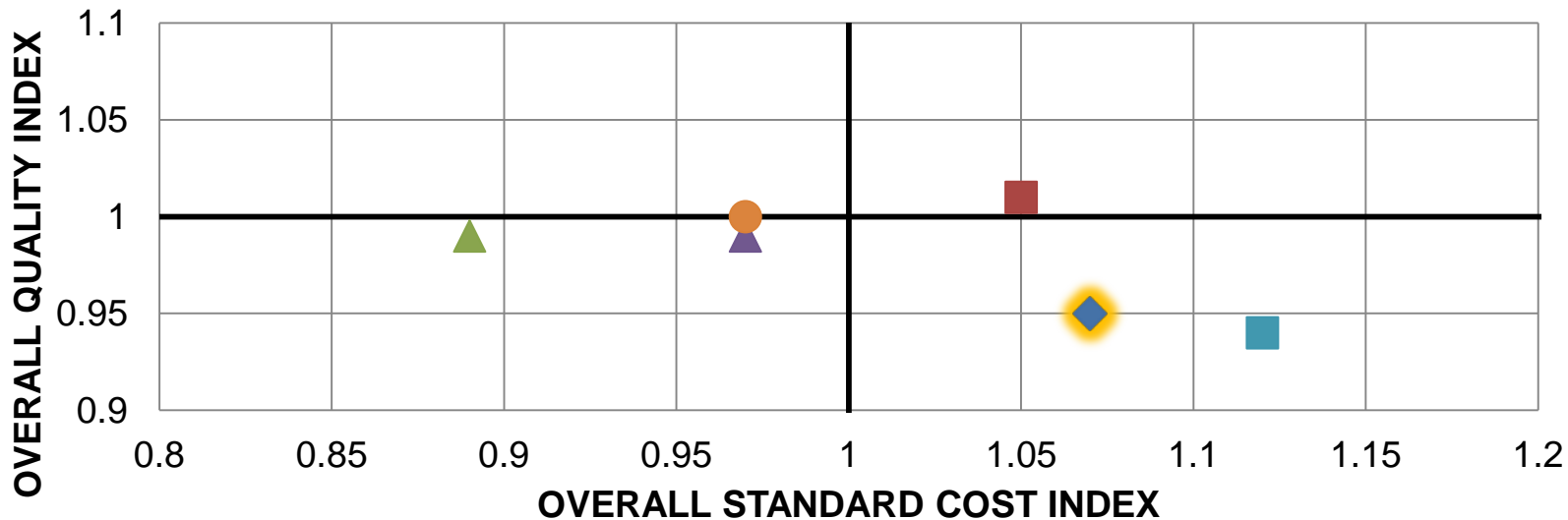
# LEVERAGING VALUE-BASED PURCHASING





# Family Practice

PROVIDER NETWORK ASSESSMENT FAMILY PRACTICE PEER GROUP  
DATAMART RELEASE OCTOBER 2011  
MILWAUKEE, RACINE, AND WAUKESHA COUNTY  
HEALTH SYSTEM PROVIDERS

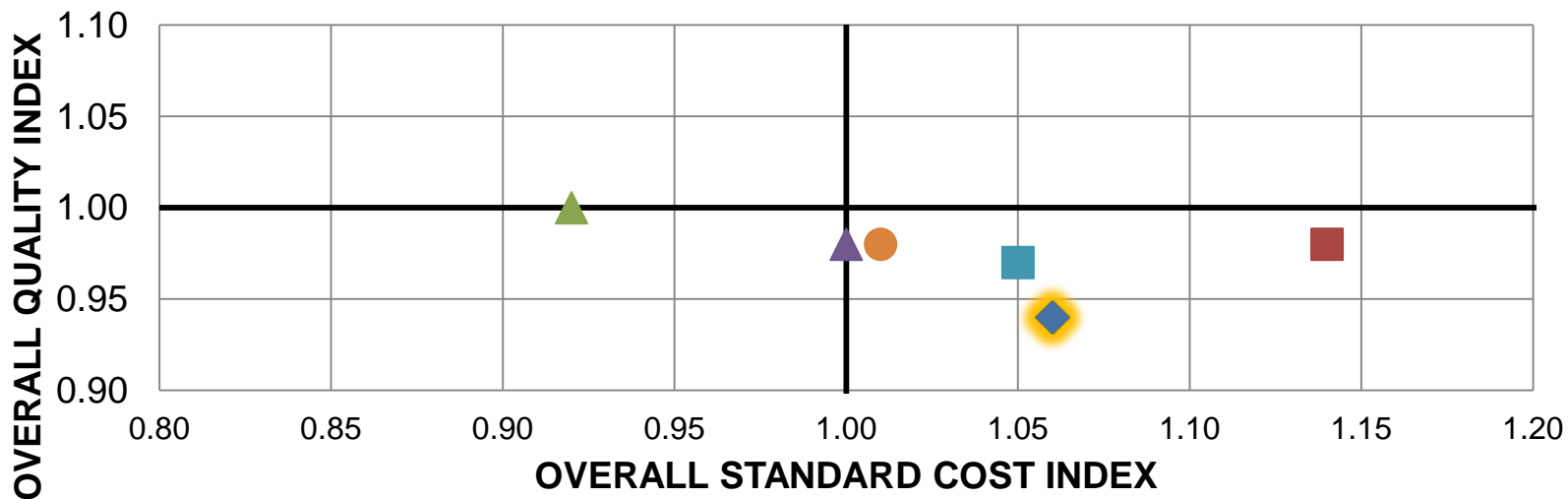


- ◆ WHEATON FRANCISCAN HEALTHCARE - SOUTHEAST WISCONSIN INC
- AMG AURORA MEDICAL GROUP CORPORATE OFFICE
- ▲ AURORA ADVANCED HEALTHCARE INC
- ▲ COLUMBIA ST MARYS INC - COLUMBIA CAMPUS
- FROEDTERT HEALTH
- PROHEALTH SOLUTIONS LLC



# Internal Medicine

PROVIDER NETWORK ASSESSMENT INTERNAL MED PEER GROUP  
DATAMART RELEASE OCTOBER 2011  
MILWAUKEE, RACINE, AND WAUKESHA COUNTY  
HEALTH SYSTEM PROVIDERS



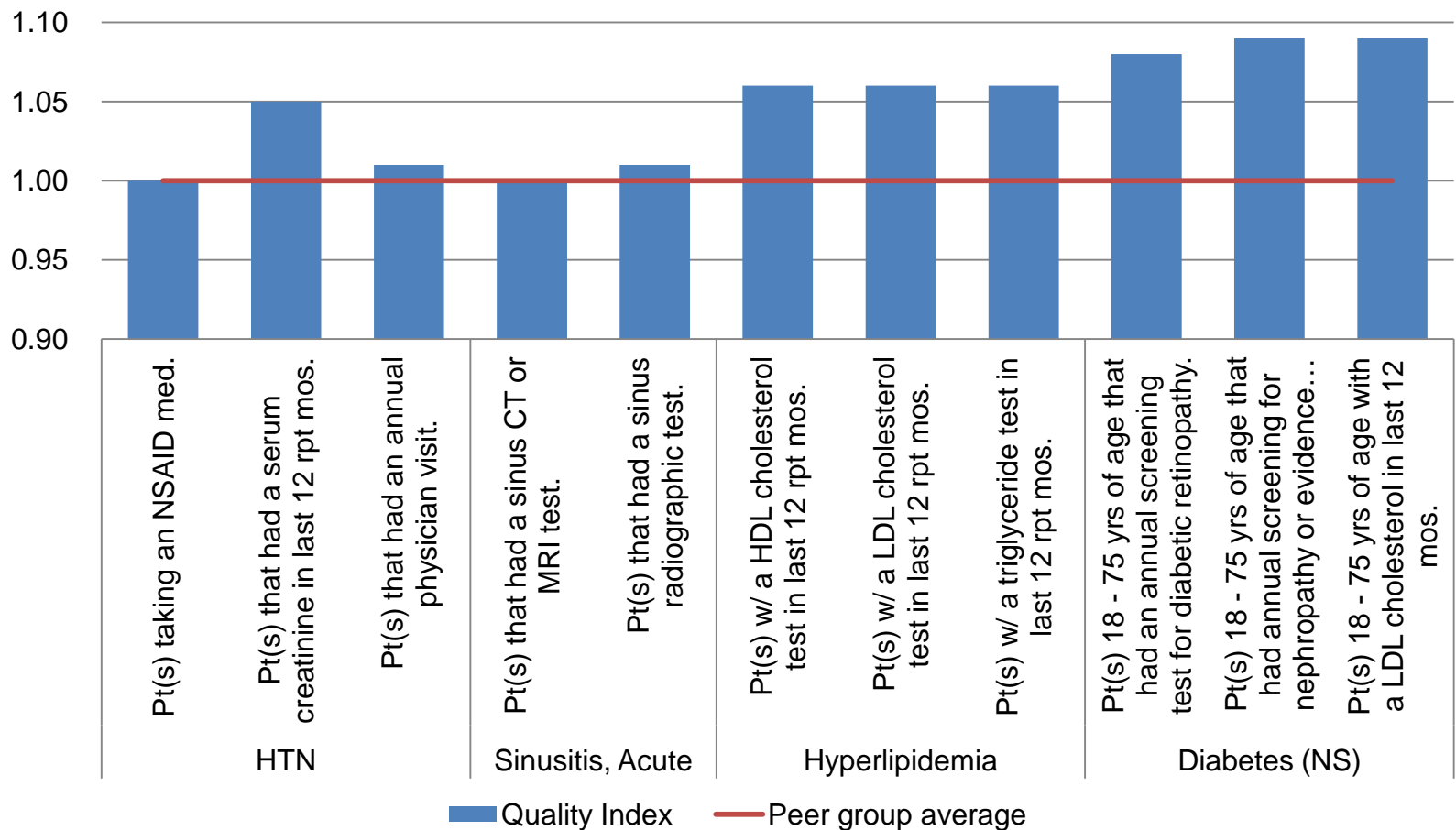
- ◆ WHEATON FRANCISCAN HEALTHCARE - SOUTHEAST WISCONSIN INC
- AMG AURORA MEDICAL GROUP CORPORATE OFFICE
- ▲ AURORA ADVANCED HEALTHCARE INC
- ▲ COLUMBIA ST MARYS INC - COLUMBIA CAMPUS
- FROEDTERT HEALTH
- PROHEALTH SOLUTIONS LLC





# Rawson Medical Clinic - Quality

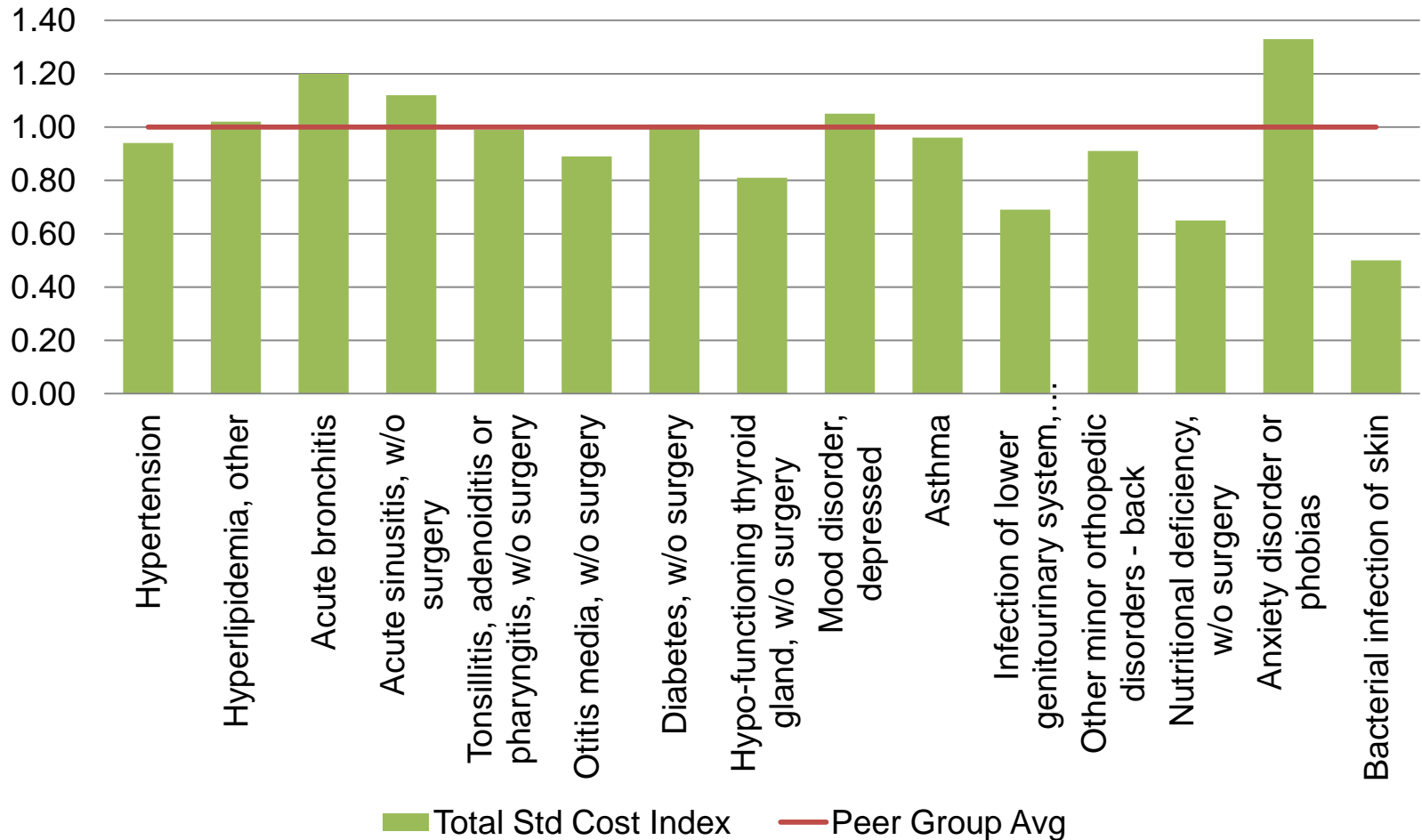
Wheaton Franciscan Medical Group - Rawson Medical Clinic  
Quality Index for top volume process measures





# Rawson Medical Clinic - Cost

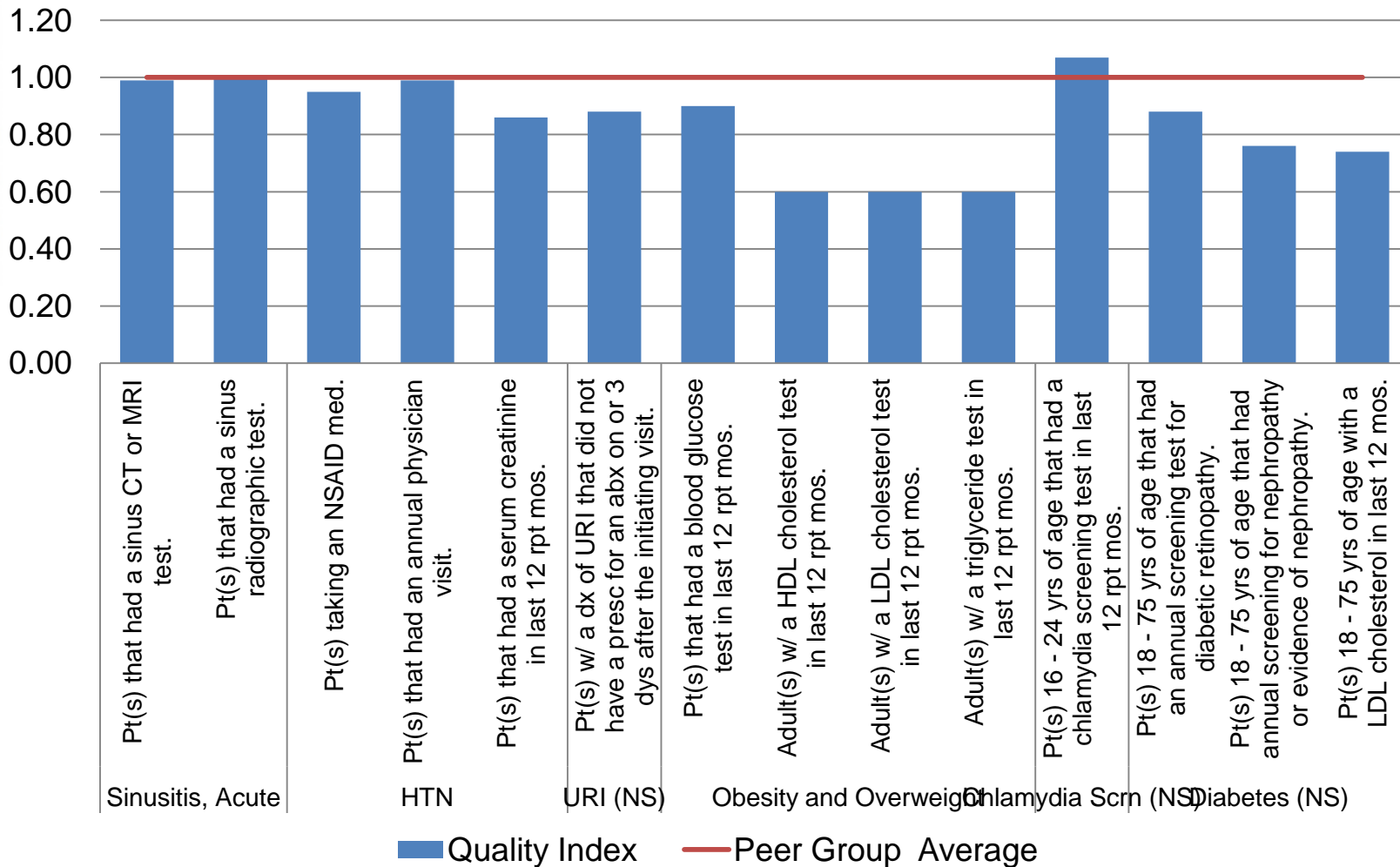
Wheaton Franciscan Medical Group - Rawson Medical Clinic  
Total Standard Cost Index by top volume ETGs





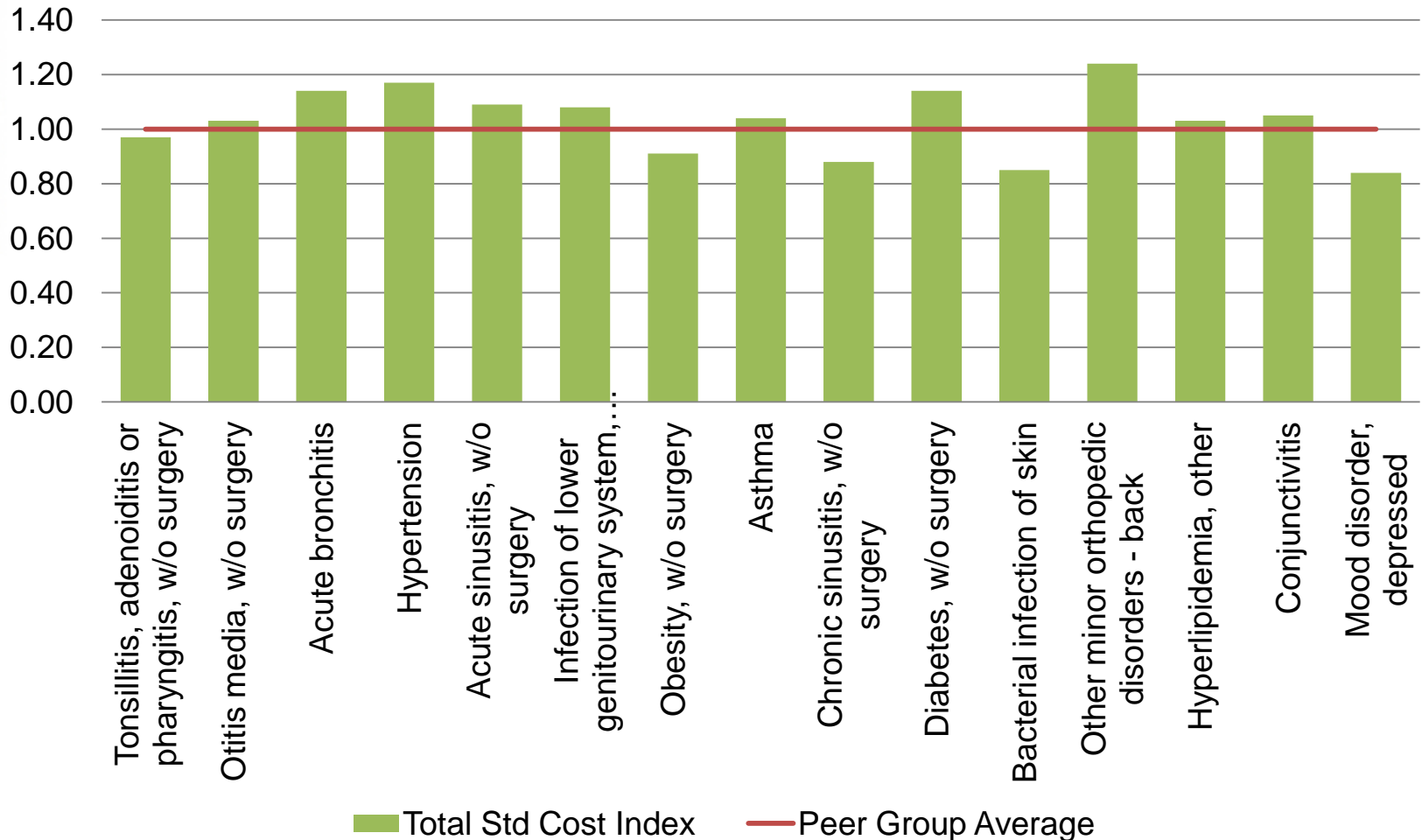
# All Saints Spring St. - Quality

Wheaton Franciscan Healthcare - All Saints Spring Street Campus  
Quality Index for top volume process measures



# All Saints Spring St. - Cost

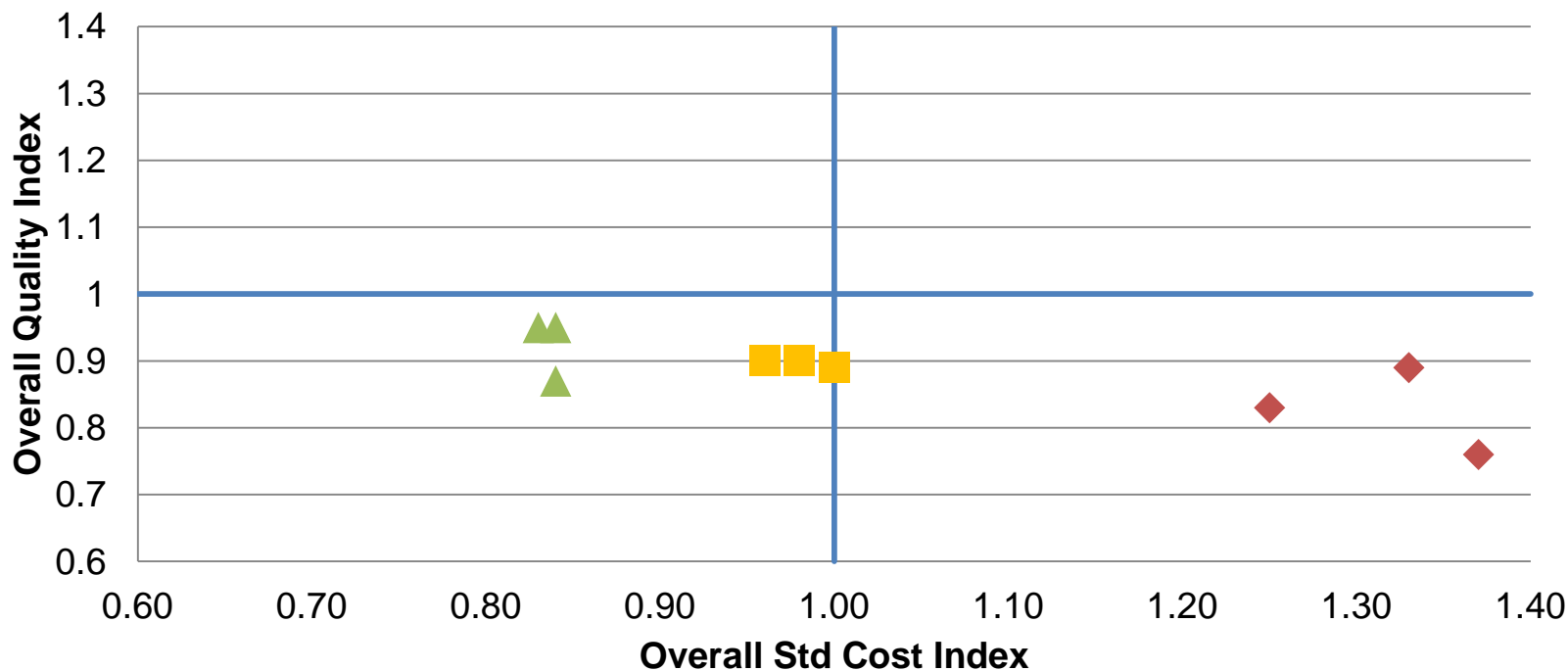
Wheaton Franciscan Healthcare - All Saints Spring Street Campus  
Total Standard Cost Index for top volume ETGs





# All Saints Spring St - Providers

Wheaton Franciscan Healthcare - All Saints Spring Street Campus  
Family Practice Peer Group  
Individual Provider Cost and Quality Indices



- ◆ Above Avg Std Cost, Statistically significant
- Std Cost Index, no statistical significance
- ▲ Below Avg Std Cost, Statistically significant





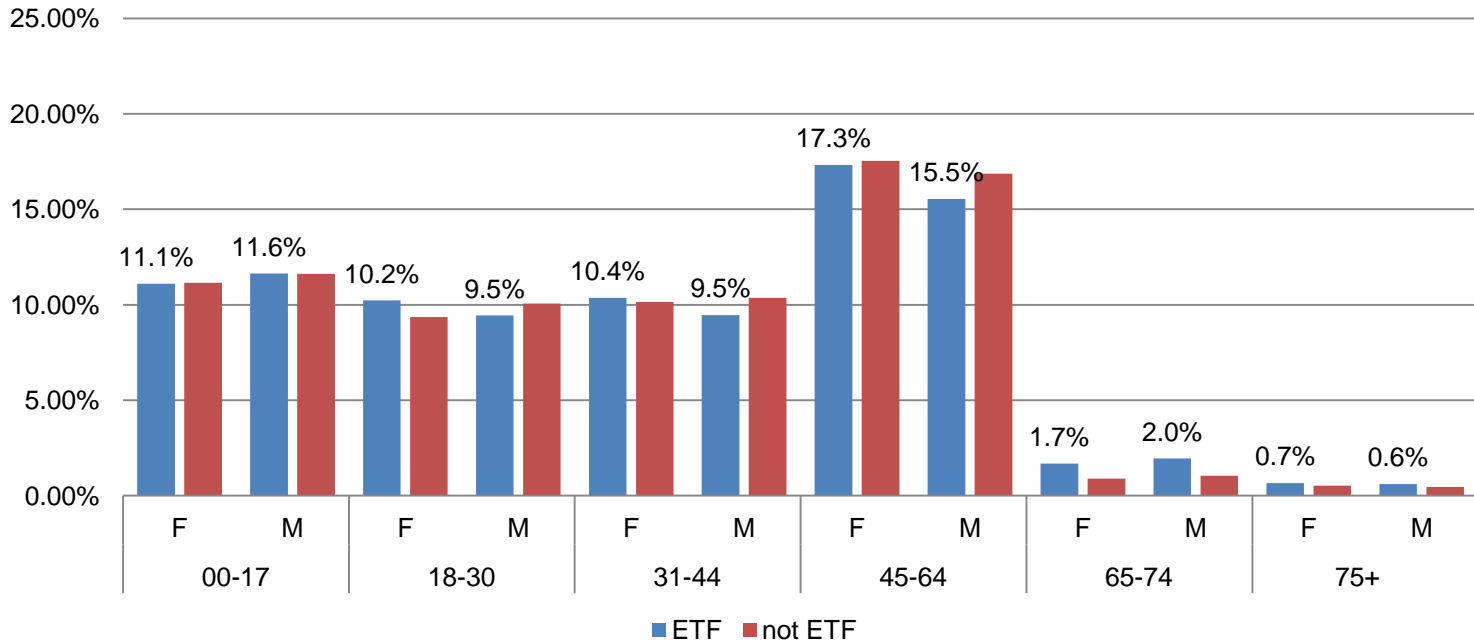
# WHIO ETF Analysis

## ETF Member Comparisons to WHIO Commercial and WI Medicaid



# Population Demographics

## WHIO COMMERCIAL POPULATION: ETF vs NON-ETF





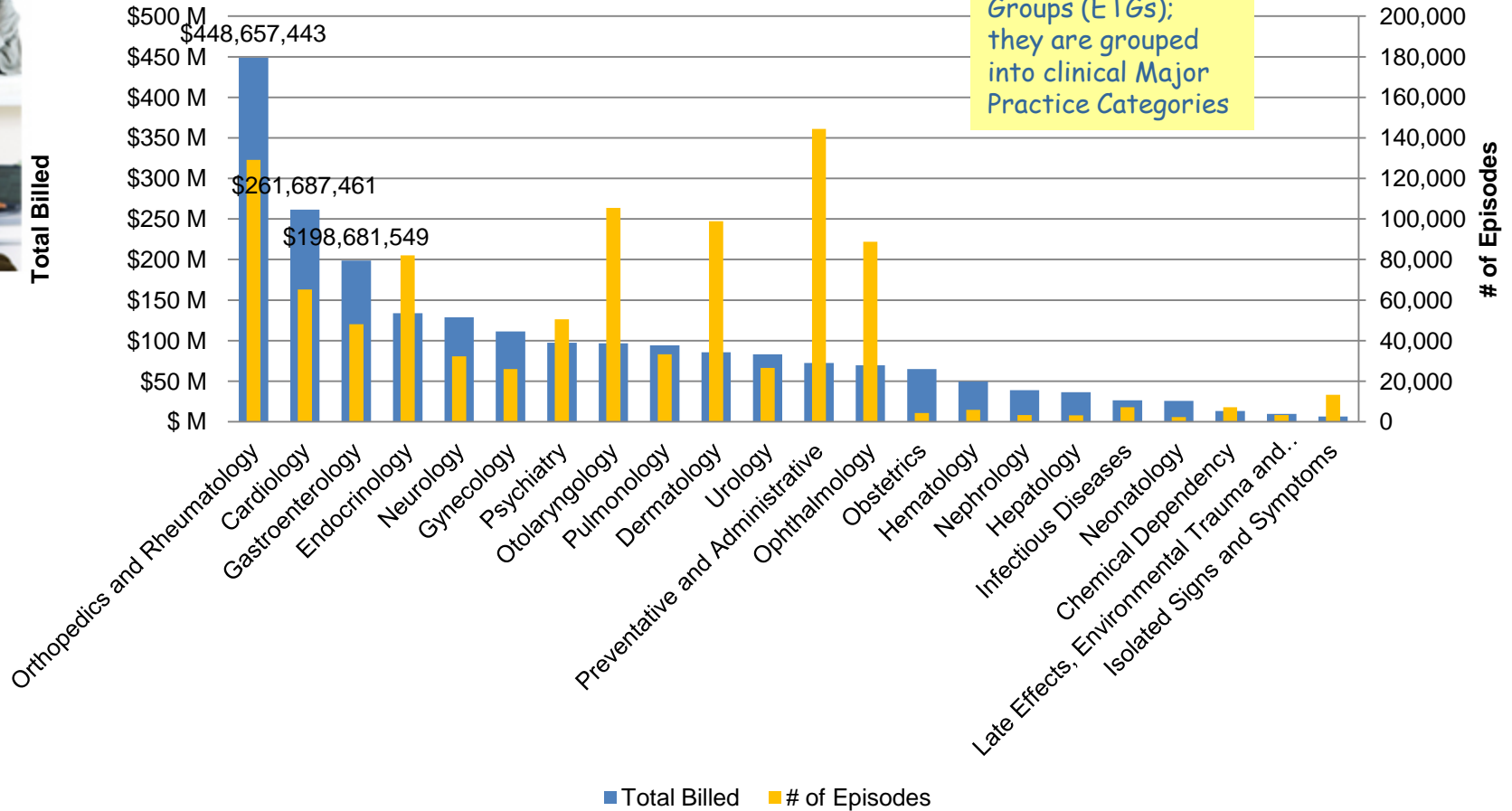
## Episode-based analysis using Episode Treatment Groups (ETGs)

*ETGs* are a basic illness classification methodology that combine medical and pharmacy services into mutually exclusive and exhaustive categories — they provide a medically meaningful statistical unit representing a complete *episode of care*.

# ETF Members

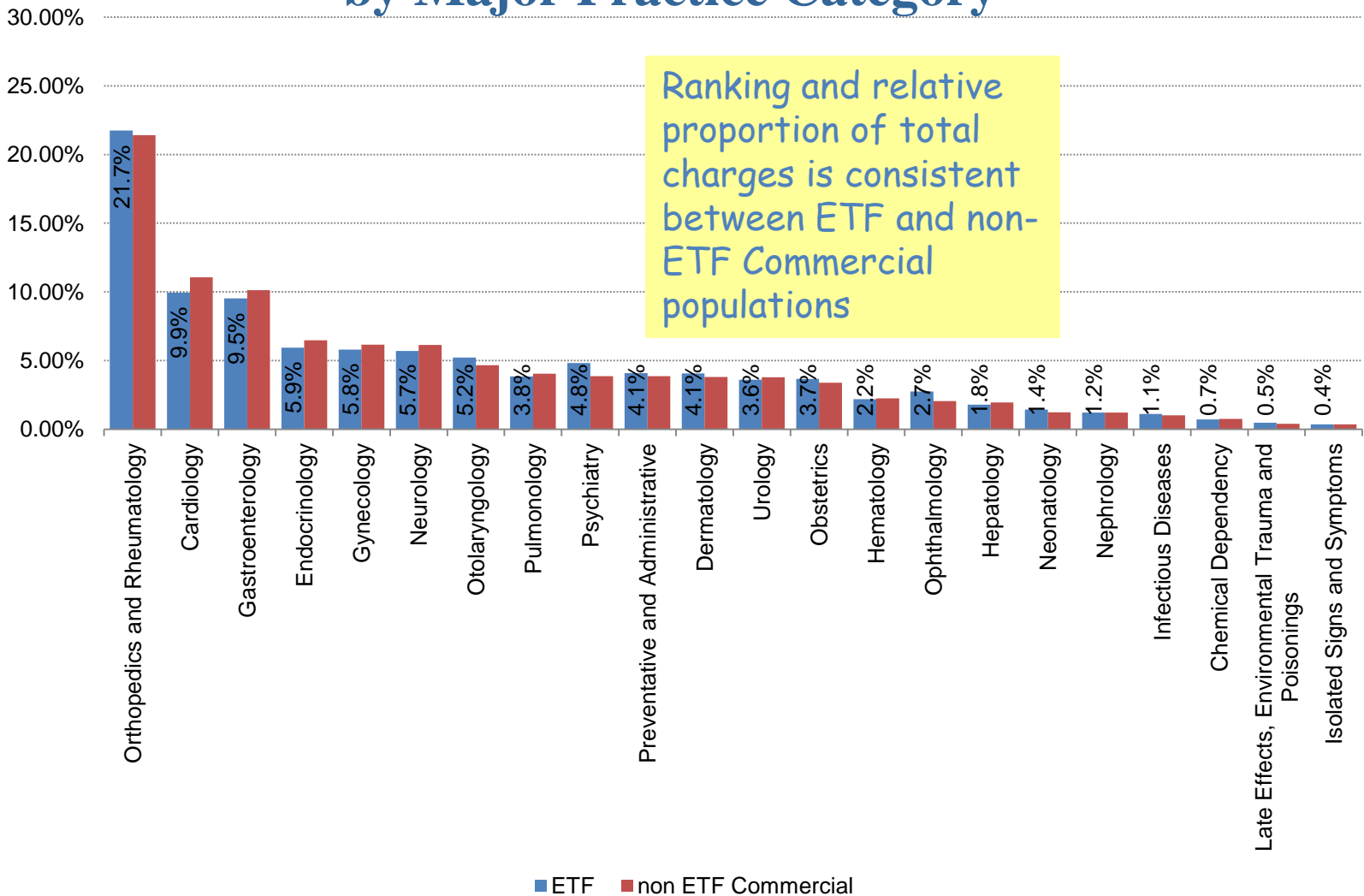
## Total Billed and Episode Volume by Major Practice Category

There are over 800 Episode Treatment Groups (ETGs); they are grouped into clinical Major Practice Categories



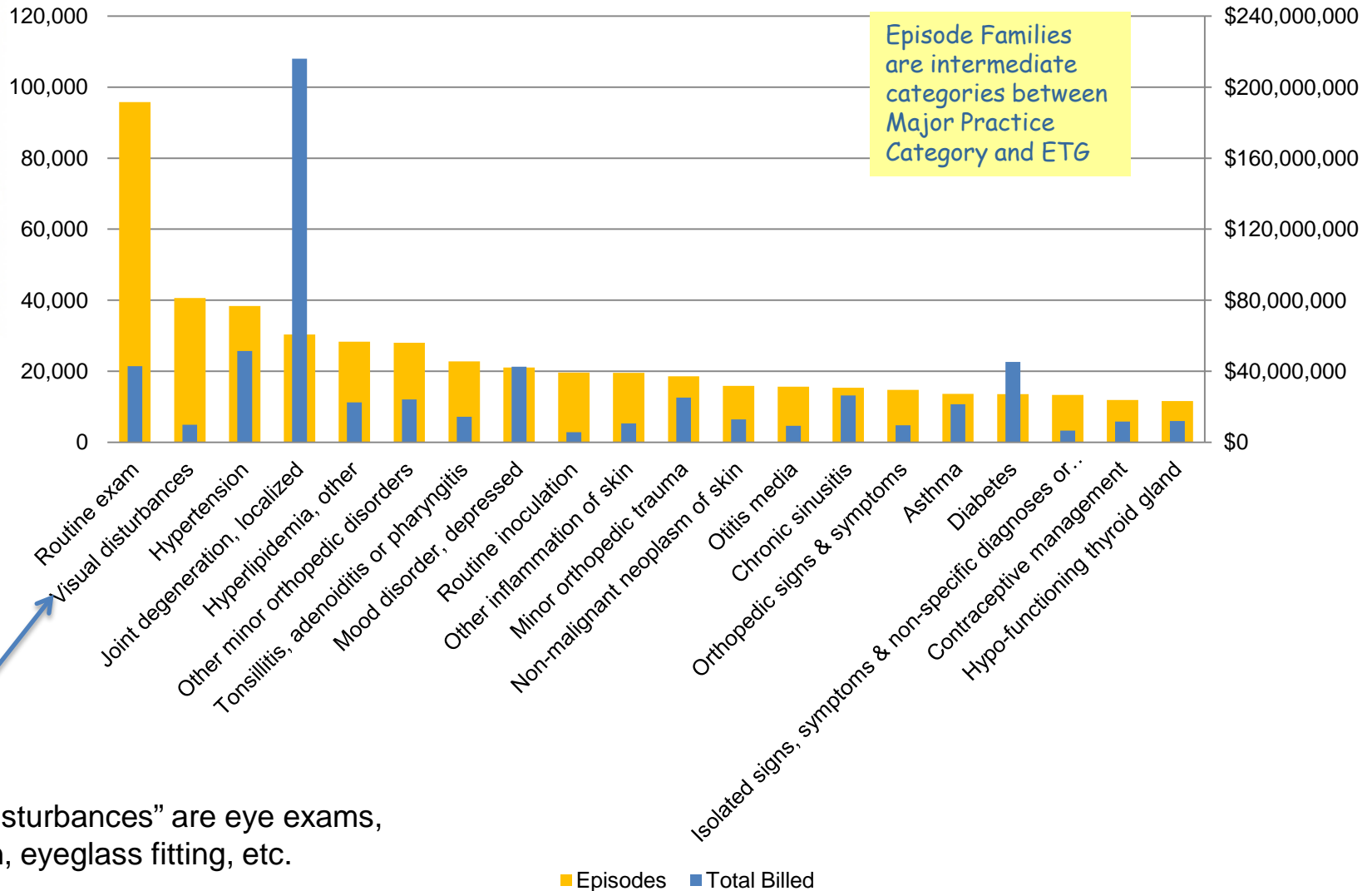


# Proportion of Total Billed Charges ETF vs. Non-ETF Comparison by Major Practice Category



# ETF Members

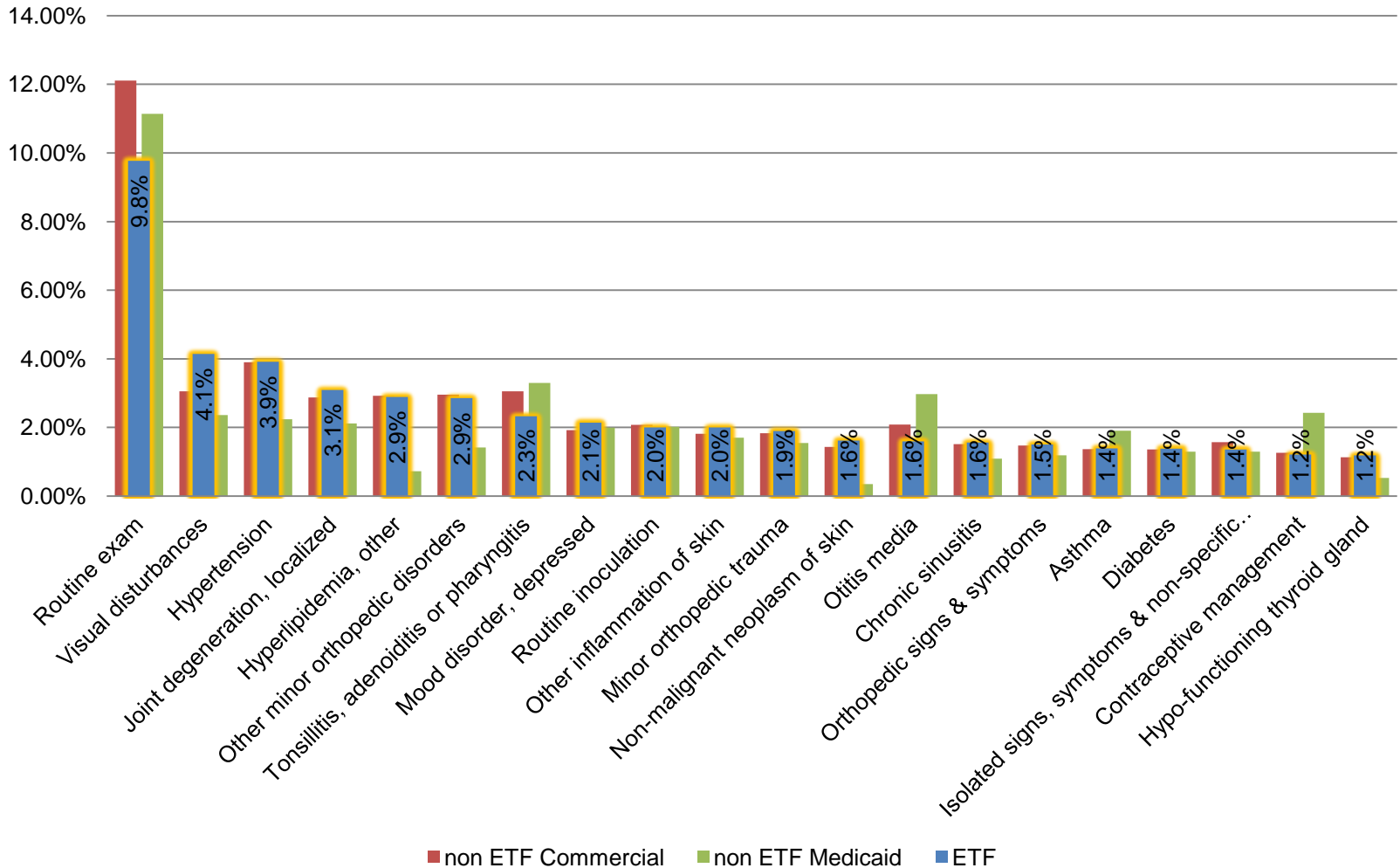
## Top 20 Episode Families - # of Episodes



“Visual disturbances” are eye exams, refraction, eyeglass fitting, etc.



# Proportion of Total Episodes Comparison for Top 20 High Volume Episode Families



# Top Episode Families

- Routine Exam plus the other top 5 episode families account for 24-25% of total billed in both ETF and non ETF Commercial populations

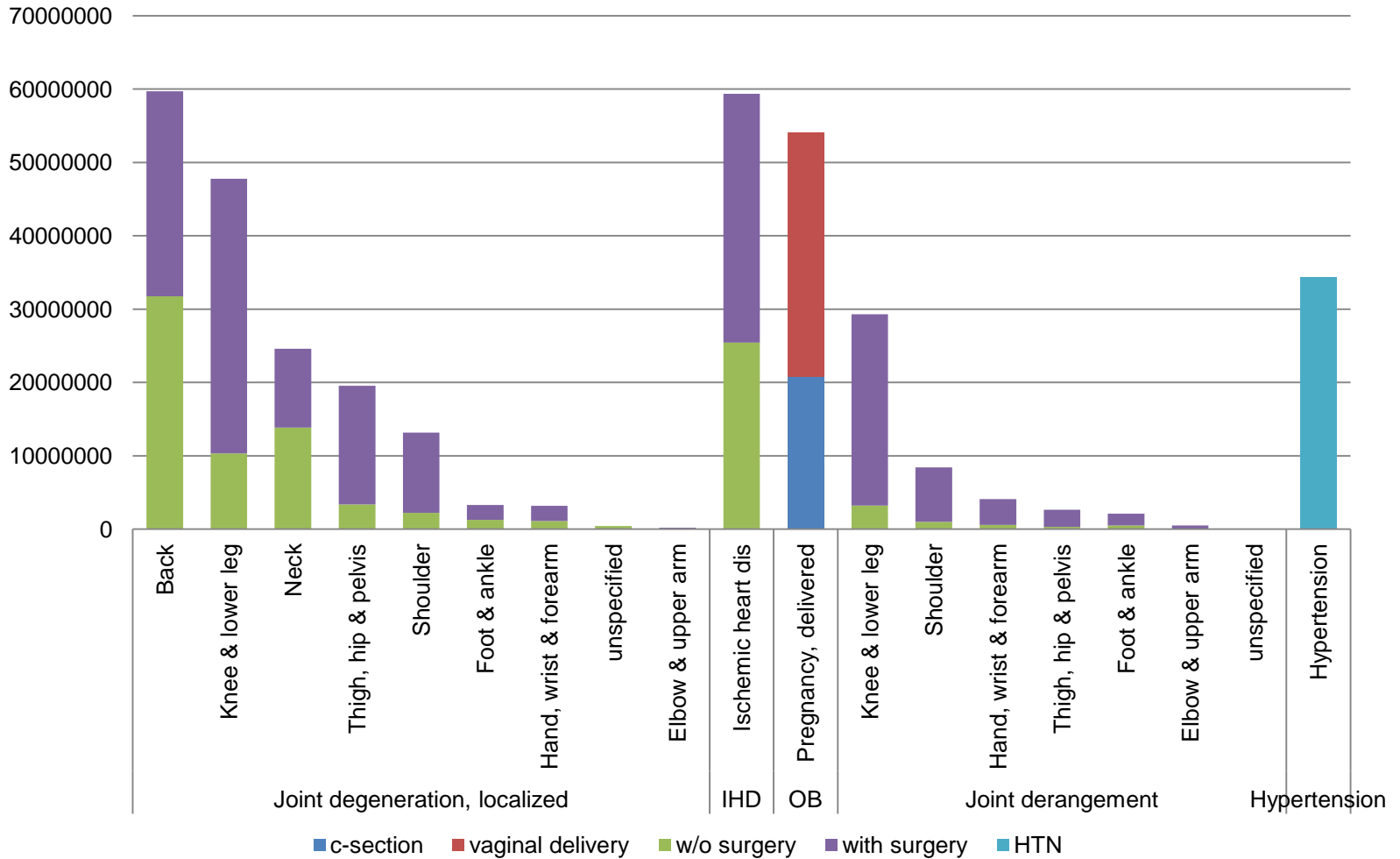
	Episode Family	Total Billed		% of Total Billed	
		ETF	not ETF	ETF	not ETF
<b>top 20 families</b>	Joint degeneration, localized	\$171.9 M	\$1.0 B	10.12%	10.25%
	Ischemic heart disease	\$59.4 M	\$418.9 M	3.50%	4.13%
	Pregnancy, with delivery	\$54.0 M	\$300.0 M	3.18%	2.96%
	Joint derangement	\$47.1 M	\$275.3 M	2.78%	2.72%
	Routine exam	\$41.3 M	\$252.1 M	2.43%	2.49%
	Hypertension	\$34.3 M	\$245.5 M	2.02%	2.42%
	Malignant neoplasm of breast	\$32.5 M	\$225.7 M	1.91%	2.23%
	Diabetes	\$32.7 M	\$223.5 M	1.92%	2.21%
	Mood disorder, depressed	\$37.1 M	\$174.0 M	2.19%	1.72%
	Closed fracture or dislocation	\$29.0 M	\$176.1 M	1.71%	1.74%
	Non-malignant neoplasm of female genital tract	\$23.2 M	\$140.5 M	1.37%	1.39%
	Non-malignant neoplasm of intestines & abdomen	\$24.0 M	\$129.6 M	1.41%	1.28%
	Inflammation of esophagus	\$20.7 M	\$129.4 M	1.22%	1.28%
	Chronic sinusitis	\$24.5 M	\$122.0 M	1.44%	1.20%
	Minor orthopedic trauma	\$23.2 M	\$118.2 M	1.37%	1.17%
	Hyperlipidemia, other	\$15.5 M	\$119.4 M	0.91%	1.18%
	Other minor orthopedic disorders	\$21.7 M	\$104.7 M	1.28%	1.03%
	Cerebral vascular accident	\$16.0 M	\$101.9 M	0.94%	1.01%
	Chronic renal failure	\$15.4 M	\$100.2 M	0.90%	0.99%
	Cataract	\$13.9 M	\$69.4 M	0.82%	0.69%
<b>all other</b>		\$960.5 M	\$5669.3 M	56.57%	55.94%
<b>Grand Total</b>		<b>\$1.7 B</b>	<b>\$10.1 B</b>	<b>100.00%</b>	<b>100.00%</b>





# ETF Members

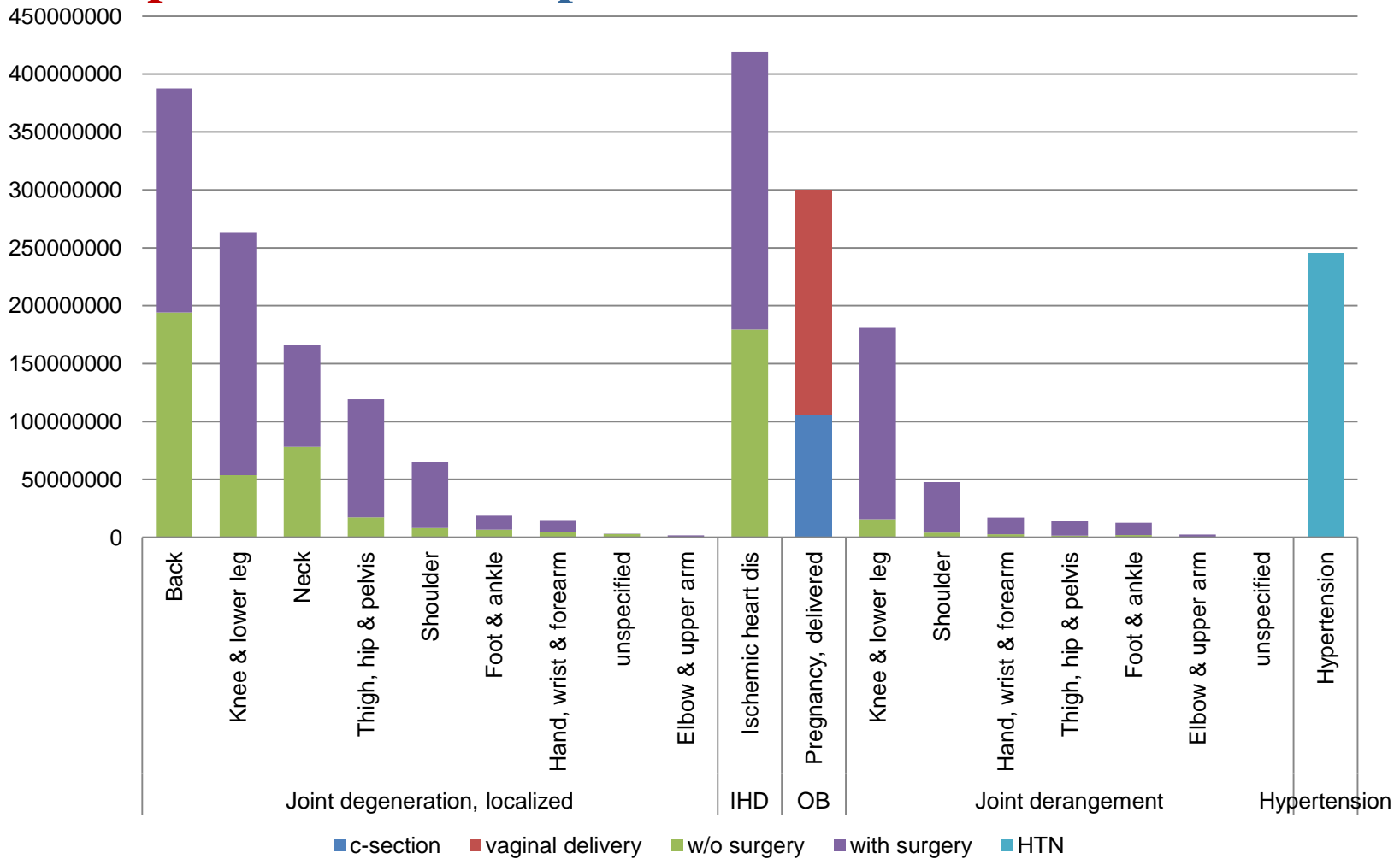
## Top 5 Total Billed Episode Families – ETG Detail





# Non ETF Commercial Members

## Top 5 Total Billed Episode Families – ETG Detail





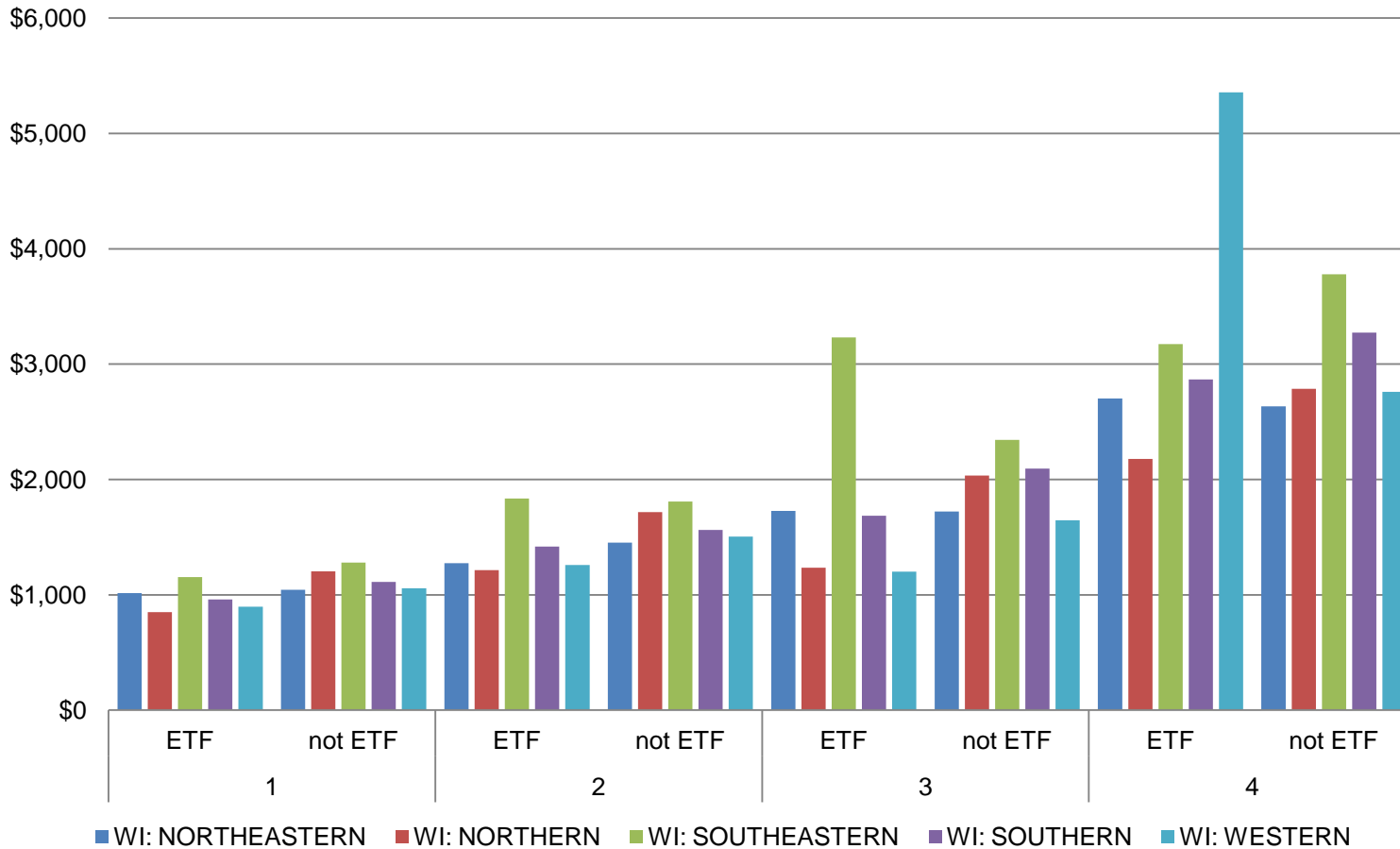
Examples

# REGIONAL VARIATION IN PER-EPIISODE RESOURCE USE



# Hypertension Episodes

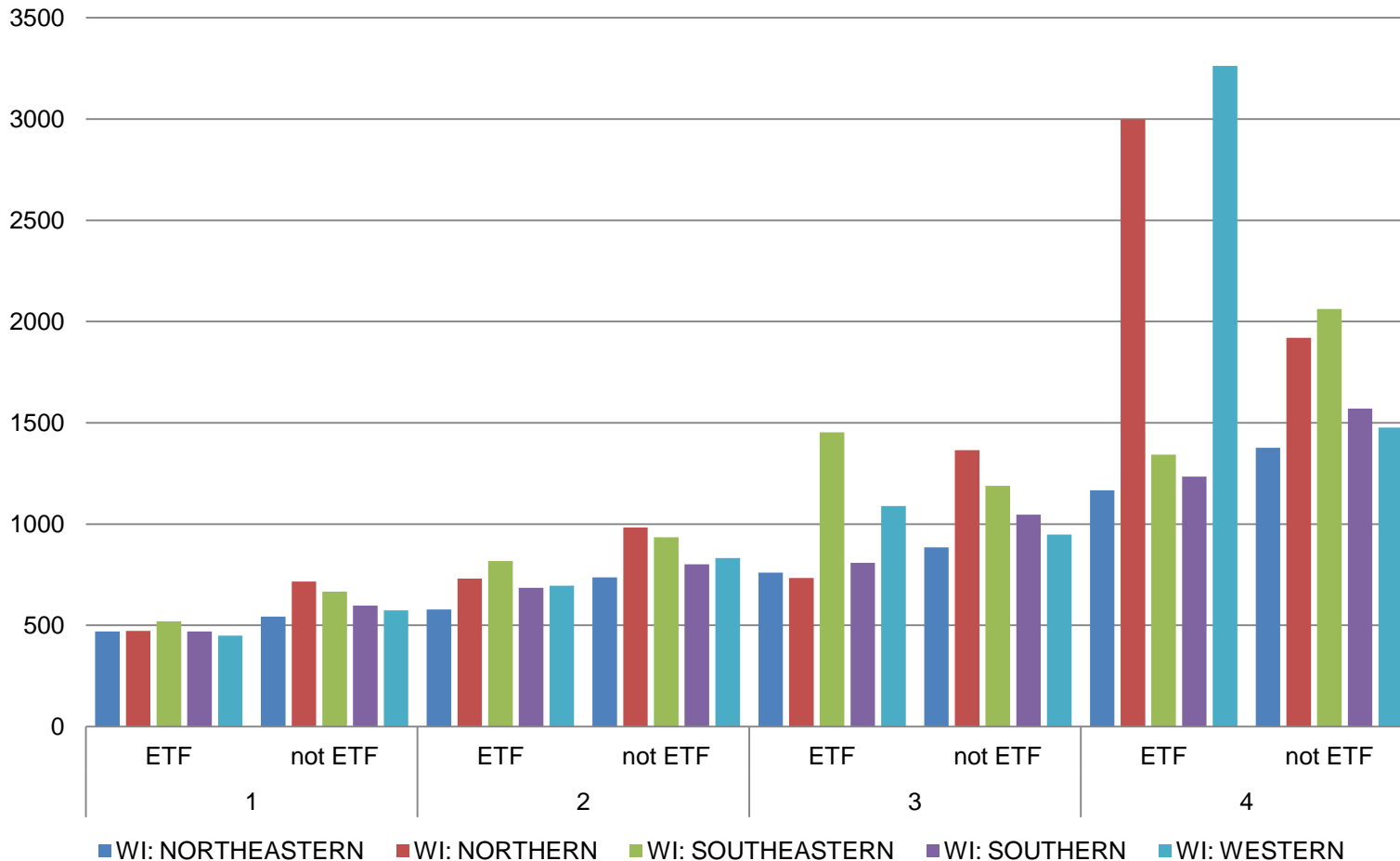
## Regional Variation in Average Billed by Episode Severity Level





# Hypertension Episodes

## Regional variation in Average Resource Use by Episode Severity Level

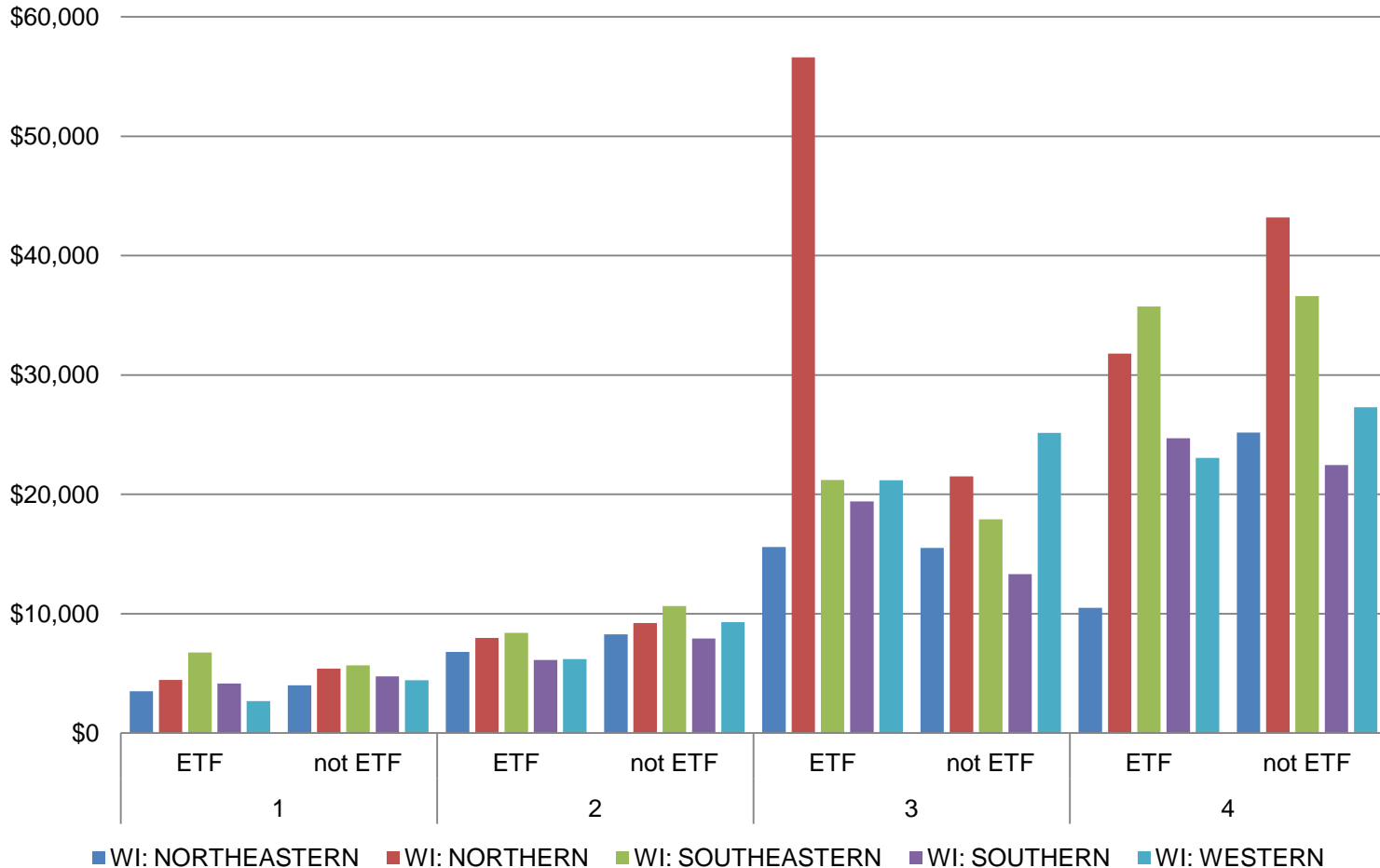




# Ischemic Heart Disease w/o Surgery Episodes

## Regional Variation in Average Billed

### by Episode Severity Level

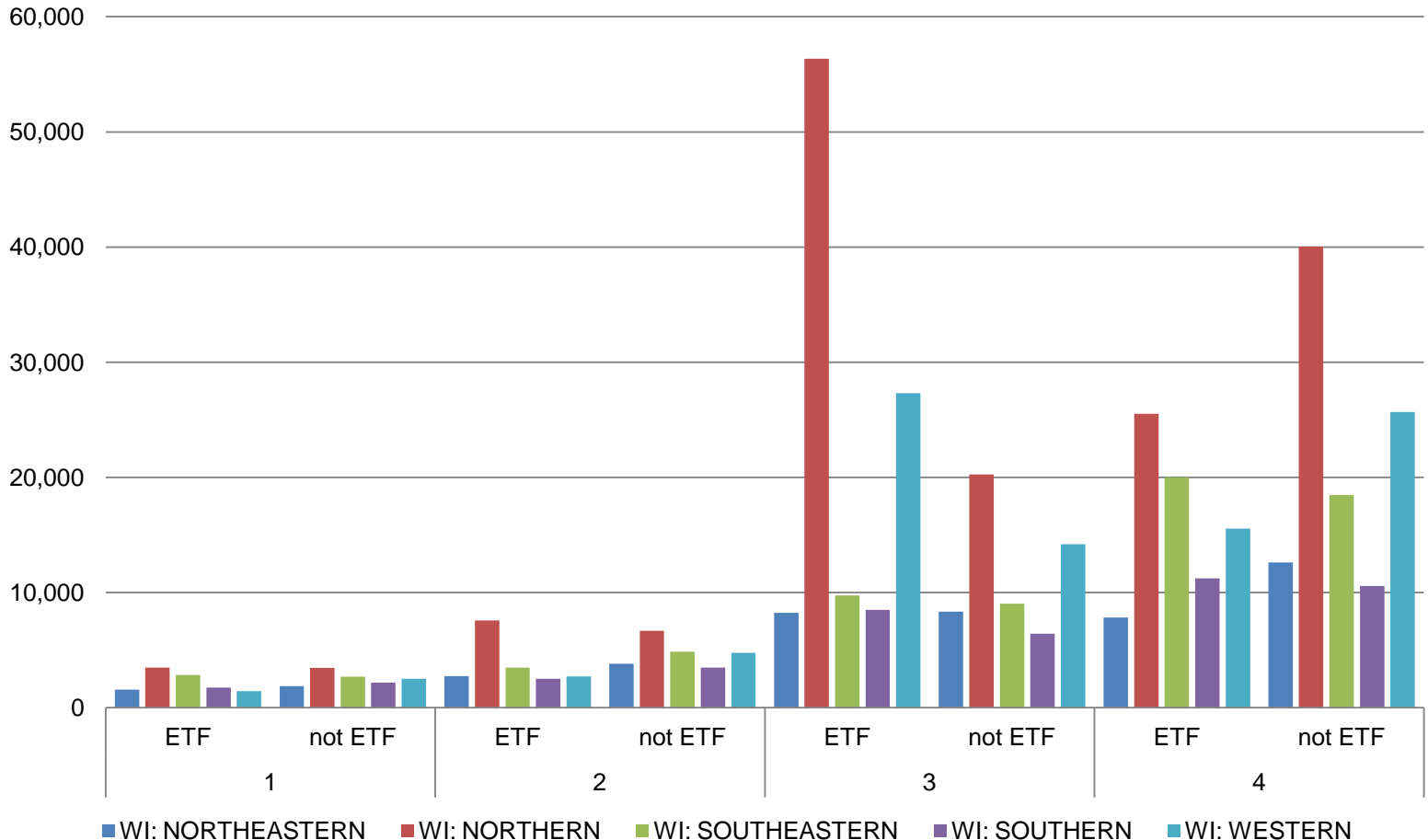




# Ischemic Heart Disease w/o Surgery Episodes

## Regional variation in Average Resource Use

### by Episode Severity Level

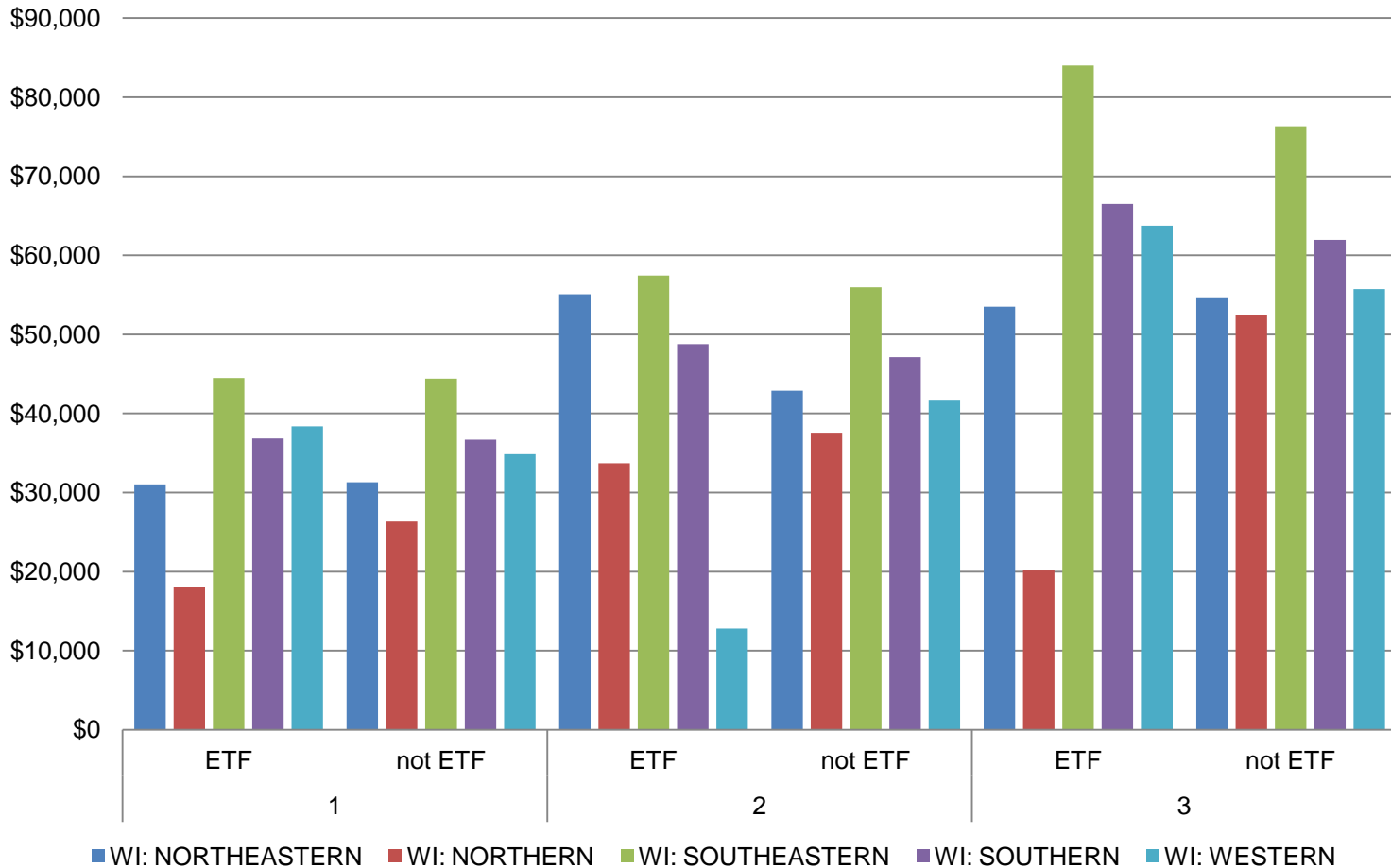




# Joint Degeneration, Knee & Lower Leg w/ Surgery Episodes

## Regional Variation in Average Billed

### by Episode Severity Level



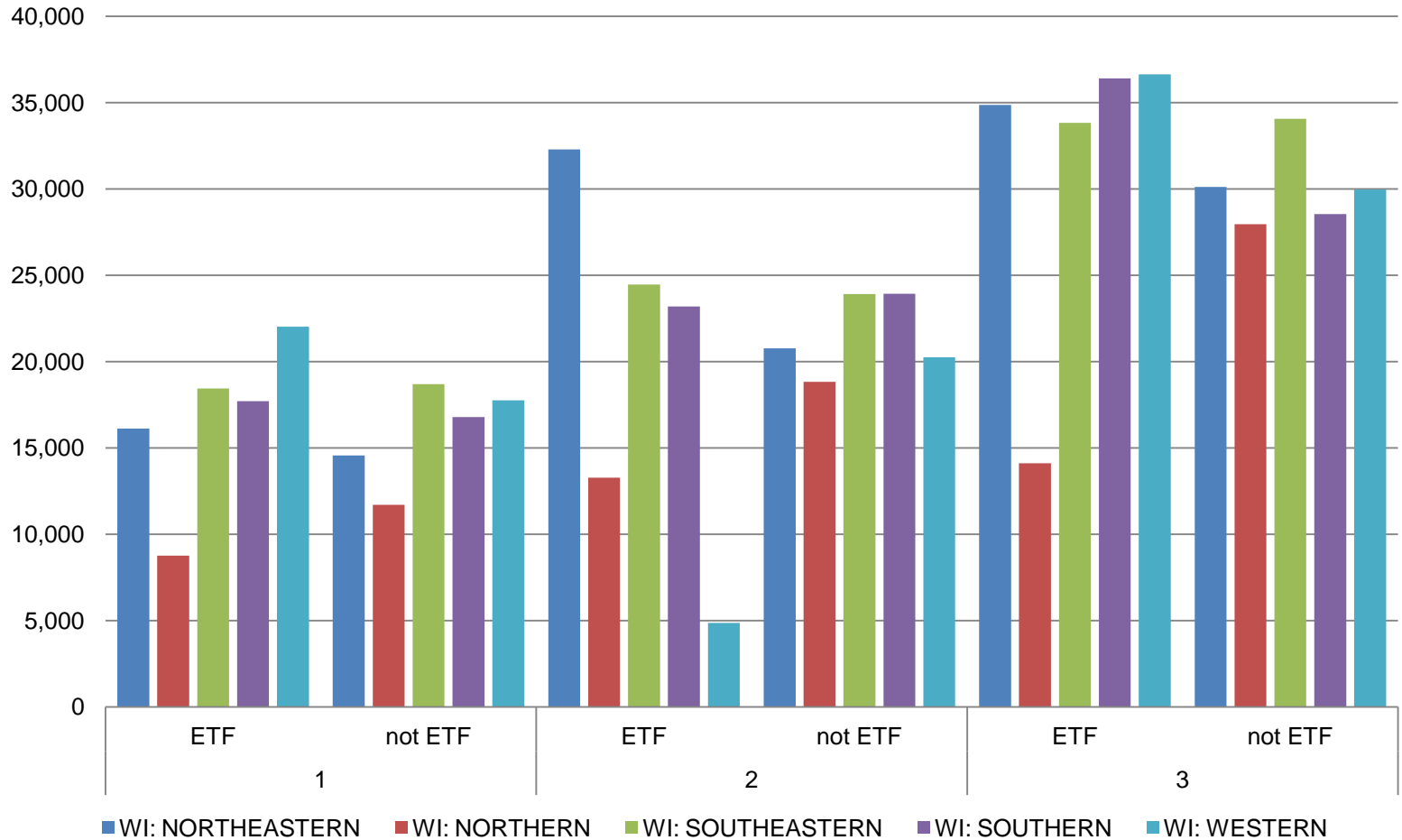




# Joint Degeneration, Knee & Lower Leg w/ Surgery Episodes

## Regional Variation in Average Resource Use

### by Episode Severity Level

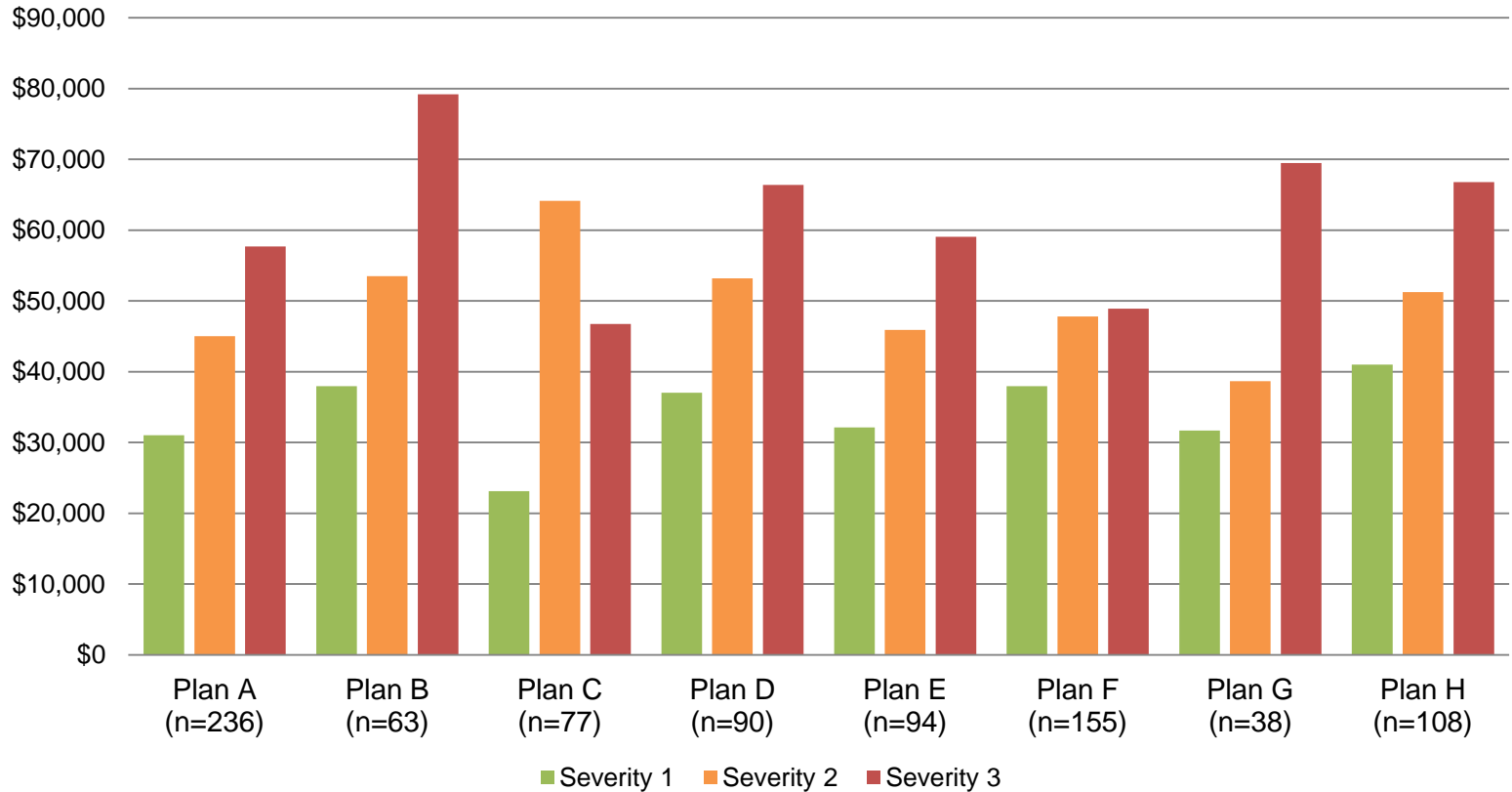




## ETF Members

# Joint Degeneration, Knee & Lower Leg w/ Surgery Average Billed per Episode by Health Plan

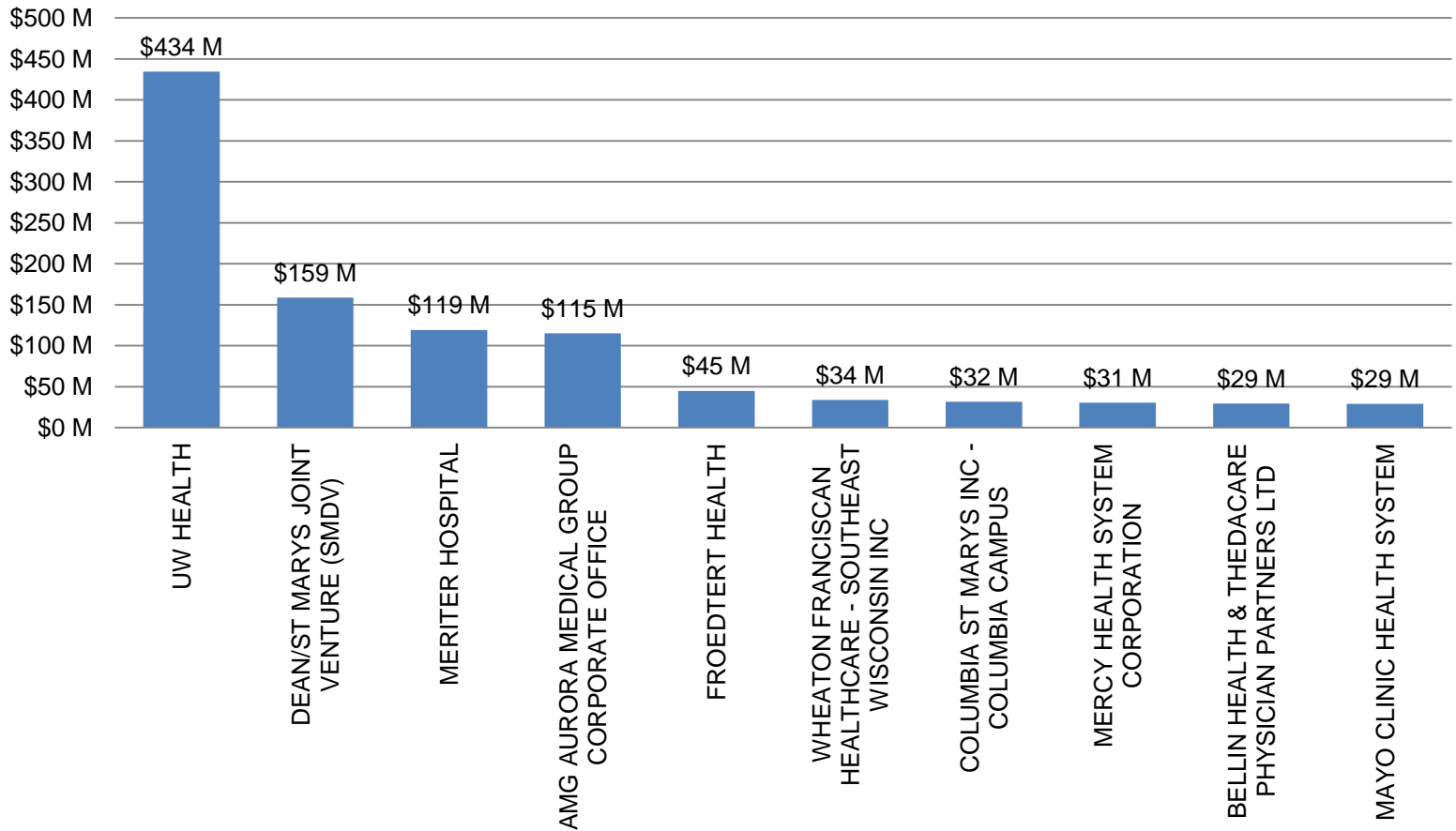
### Average Billed per Episode





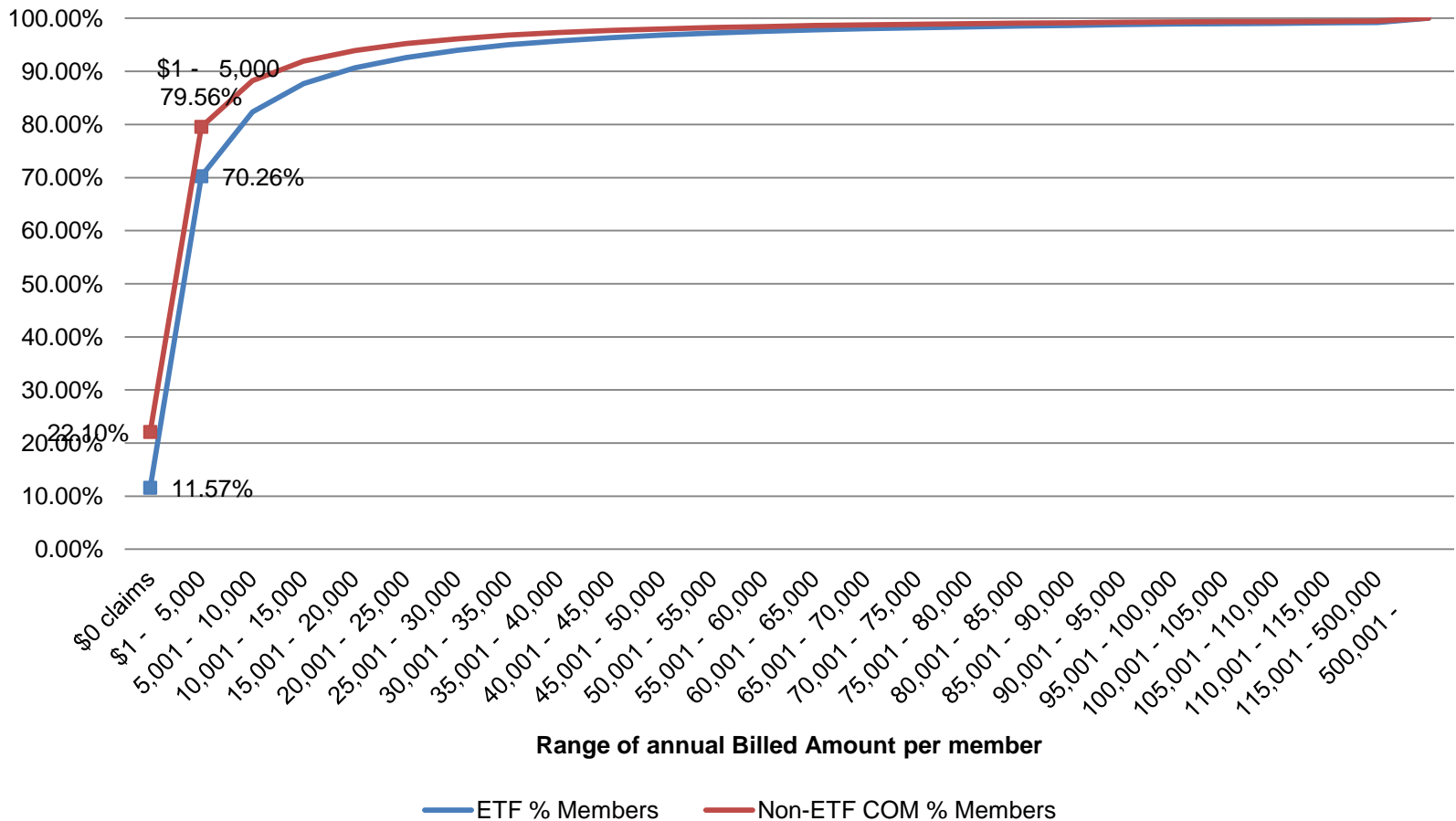
# Top 10 Health Systems

## ETF Member Total Billed Charges



# ETF has smaller % of members with \$0 claims; and with \$1 - \$5,000

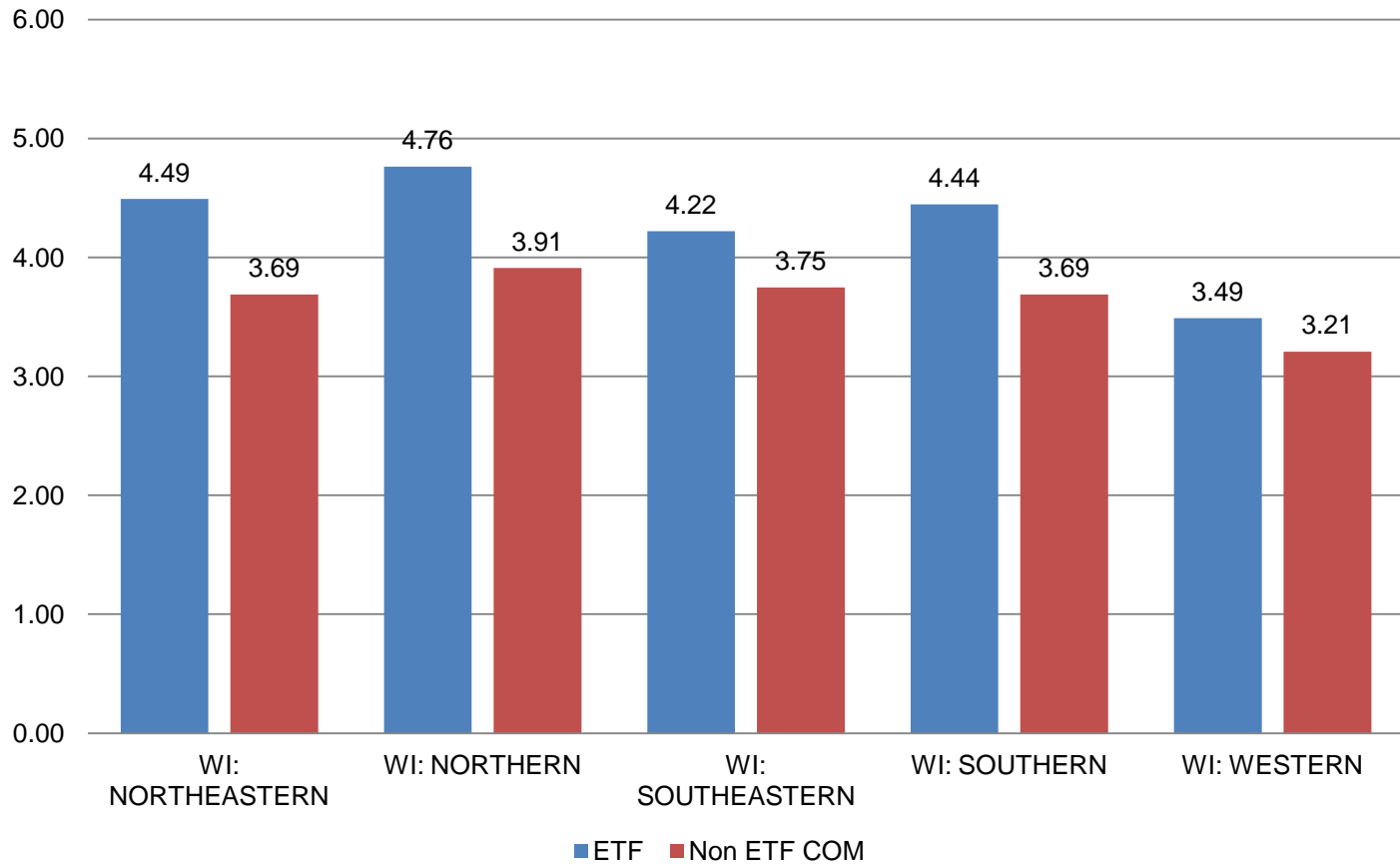
## DISTRIBUTION OF MEMBERS BY BILLED CLAIMS RANGE





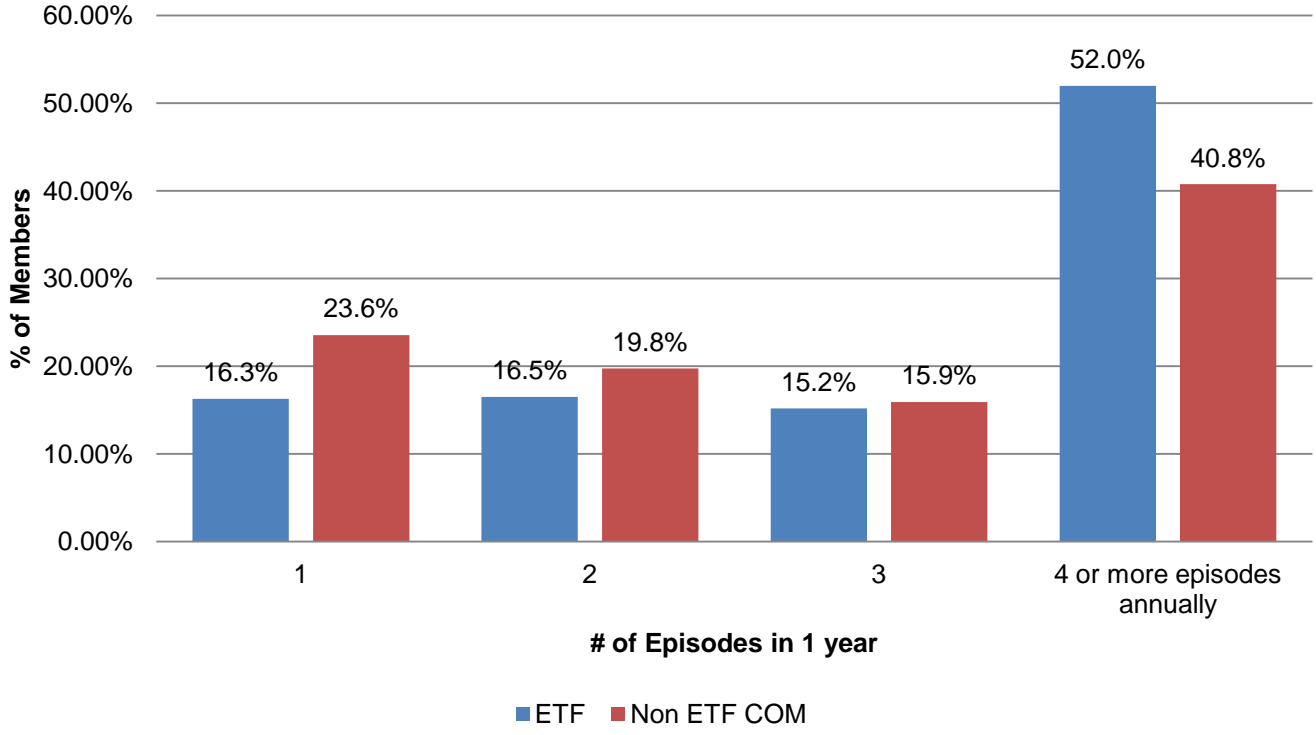
# ETF Members have more episodes

## ANNUAL EPISODES PER MEMBER



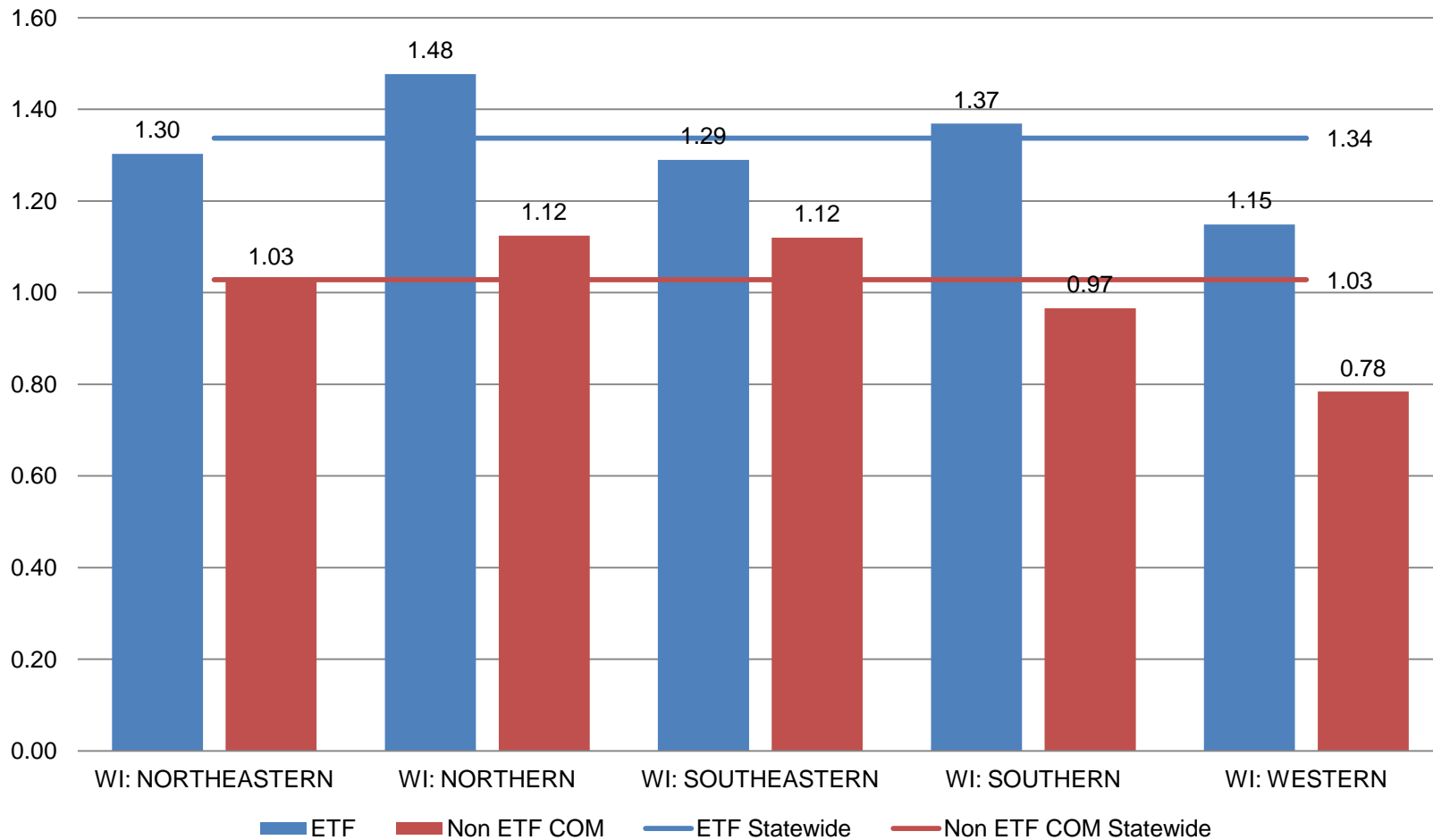


# More members with multiple episodes



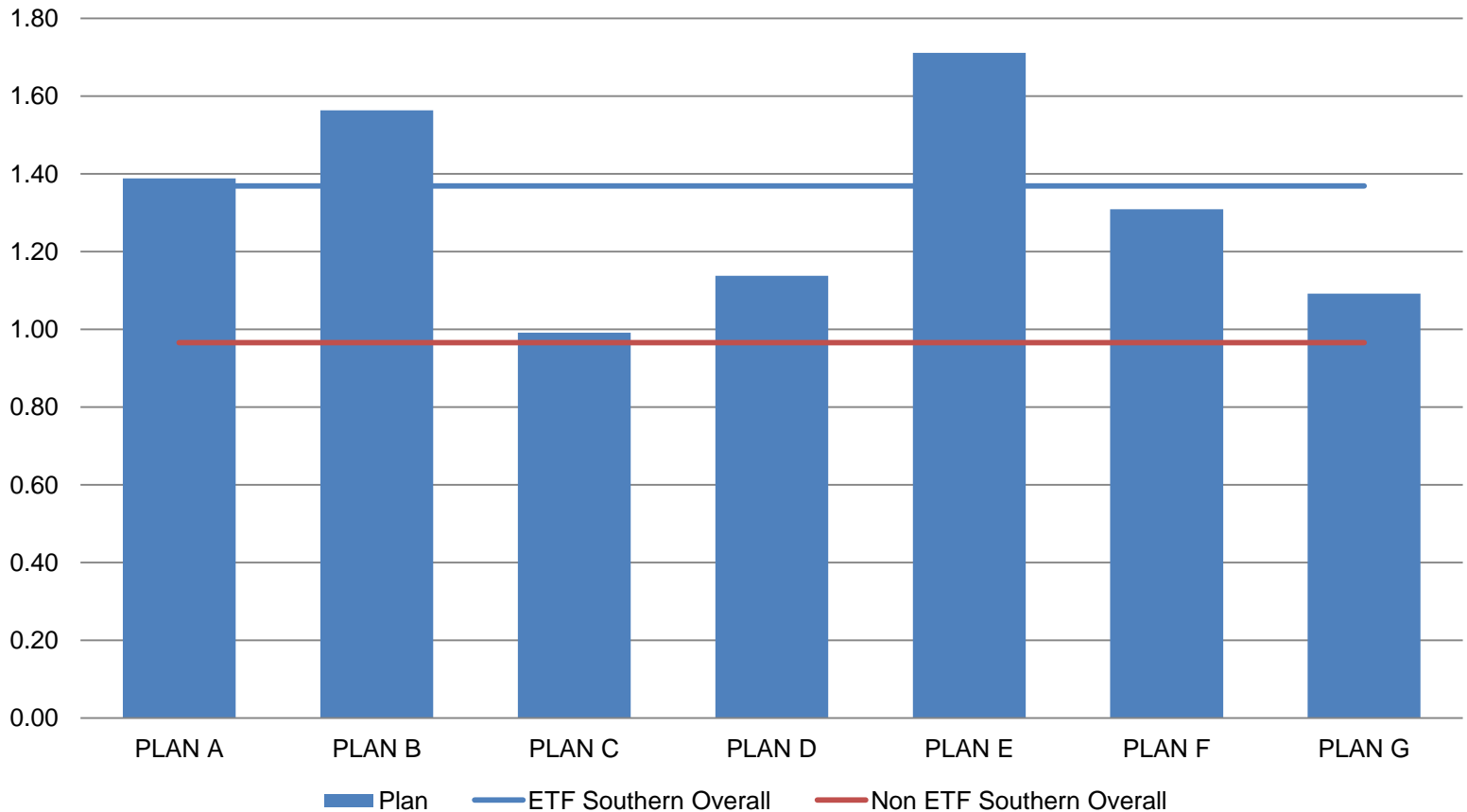


## ETF HAS HIGHER RETROSPECTIVE "RISK"





## SOUTHERN REGION HEALTH PLANS ETF HAS HIGHER RETROSPECTIVE "RISK"







Home For Patients & Families About The Ratings FAQ Resources & Tools About Us Contact Us

▼ Select a Region

▼ Find and compare quality and efficiency at Wisconsin providers

Your Location Search

Find a provider that is convenient to you by entering the beginning or all of the address, your location and a maximum distance you can travel. NCHC and HEDIS are optional.

Choose Provider Type: Family

Clinic Name: \_\_\_\_\_

Your City or Zip: \_\_\_\_\_  
Ex: 54201, La Crosse

Search Within: 0 miles

Find

Choose your healthcare  
with confidence

ADDED VALUE. TAKING THE HEALTH INFORMATION ORGANIZATION TO THE NEXT LEVEL.

Wisconsin  
**HEALTH INFORMATION**  
Organization



# Discussion

*Thank you!*

*Jo Musser, CEO*

[jo.musser@wisconsinhealthinfo.org](mailto:jo.musser@wisconsinhealthinfo.org)

(608) 442-3877