







 Government has refined their data analytics for "Smarter" Investigations and prosecutions

 More techniques are being developed to target "high-risk physicians" at the federal and state level (cooperation)

 Healthcare investigations are "bipartisan" and will continue no matter who controls congress

State Medicaid programs are doing more auditing and monitoring (examples)

 60-day repayment rules (explain) (can't bury your head in the sand)

Data transparency

Medicare Administrative Contractors (MACs)	National Government Services	 Process claims and provider payments Reduce payment error rates 	
Zone Program Integrity Contractors (ZPICs)	Cahaba Safeguard Administrators	Focus on identifying fraud All providers Data mining and analysis	
Supplemental Medical Review Contractor (SMRC)	 Strategic Health Solutions 	Nationwide claim review All providers Data mining and analysis	AUDITING?
Comprehensive Error Rate Testing Contractors (CERT)	Multiple contractors	Annual audits to determine FFS error rates All provider types	An Example: Illinois
Recovery Audit Contractors (RACs)	 CGI Technologies (Medicare) HMS (Medicaid) 	 Identify over and under payment errors 	
DHHS – Office of Inspector General (DIG)	• N/A	Audits and investigations Annual Work Plan published	
Department of Justice (DOJ)	• N/A	Enforcement actions under the False Claims Act	
Medicaid Inspector General	 IL Dept. of Healthcare and Family Services 	 Aggressively using extrapolation for repayment liabilities 	0

Table D1: Top 20 Service Types with Highest Improper Payments: Part B Percentage of Service Type Improper Payments by									
Part B Services	Projected	Improper		Pers		ce Type Imp Type of Error		nts by	Percent
(BETOS Codes)	Improper Payments	Payment Rate	Confidence Interval	No Doc	Insufficient Doc	Medical Necessity	Incorrect Coding	Other	Improp Paymer
Lab tests - other (neu- Medicare fee schednle)	\$1,121,237,359	32.4%	27.0% - 37.8%	0.5%	98.9%	0.6%	0.0%	0.0%	3.
Office visits - established	\$832,300,002	5.5%	4.5% - 6.5%	2.6%	29.8%	0.0%	67.6%	0.0%	2
Hospital visit - subsequent	\$830,470,464	15.2%	13.5% - 16.8%	5.8%	47.1%	0.1%	46.6%	0.4%	2
Hospital visit - initial	\$765,933,412	26.1%	24.0% - 28.1%	3.2%	21.9%	0.2%	74.5%	0.3%	2
Other drugs	\$744,482,041	7.6%	2.5% - 12.6%	0.6%	91.4%	1.0%	7.0%	0.0%	2
Ambulance	\$687,458,438	15.5%	12.6% - 18.4%	2.7%	57.3%	36.9%	2.3%	1.0%	1.
Minor procedures - other (Medicare fee schedule)	\$560,063,138	17.4%	13.4% - 21.4%	1.1%	88.2%	1.1%	9.1%	0.4%	1.
Office visits - new	\$524,625,770	18.4%	15,7% - 21,1%	3.6%	15.8%	0.0%	72.6%	8.0%	1
Nursing home visit	\$349,210,260	17.3%	13.9% - 20.6%	11.2%	35.9%	0.0%	52.9%	0.0%	1.
Specialist - psychiatry	\$310,744,929	25.7%	17.1% - 34.3%	1.7%	91.9%	0.0%	6.5%	0.0%	0
Emergency room visit	\$282.258.975	12.6%	10.4% - 14.8%	4.4%	11.0%	0.0%	84.6%	0.0%	

Re-Thinking Risk in APM Programs	
Risks in Fee for Service	Risks in APMs
<u>Over-</u> utilization of services	<u>Under-utilization of services</u>
Lack of medical necessity, appropriateness	· Withholding medically necessary services
Coverage requirements	Avoidance of "At-Risk" beneficiaries
Procedural coding	Beneficiary freedom of choice
Billing requirements	Other APM program requirements
Provider documentation	Selection of network providers
Trivity Health 💽 nektar Markes	Risk adjusted coding (HCCs, diagnosis)



Don't Forget About the Advanced Practice Providers _

Scope of practice that may be delegated by physician to APPs

Physician supervision/collaboration requirements

Prescriptive authority
 • "Incident to" physician services

Billing for APP services
 Split Shared Visits

• APPs acting as scribes • Fraud and abuse statues

 Stark Law and Anti-kickbacks Statue under the theory that APP services could be considered remuneration that provides a financial benefit to private physicians.

Key Questions for Consideration (Handout)

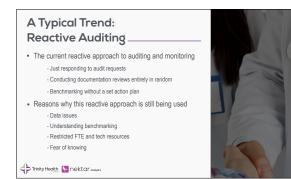




Finding Outliers on the Internet

Live Example



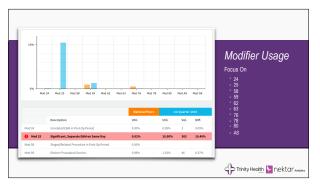




Which Benchmarking			
Metrics	Should	You Use	









				Ist Quar	ter 2015		Nati	onal Peers	
	Fee	Rank	Util.	Vol.	Diff.	Gross \$	Rank	Util.	
O 99214	\$108.13	1	12.96%	1330	7.60%	\$143,812.90	3	5.36%	
O 93306	\$230.22	2	9.08%	932	0.00%	\$214,565.04		0.00%	
36415		3	6.23%	639	5.66%	\$0	18	0.57%	Top Billed Services Analysis
85610		4	4.72%	434	0.00%	\$0		0.00%	Sanviona Analysia
36416		5	3.07%	315	0.00%	50		0.00%	Services Analysis
80048		6	2.94%	302	0.00%	\$0		0.00%	
0 99223	\$204.44	7	2.47%	254	0.00%	\$51,927.76		0.00%	
93000	\$17.19	8	2.28%	234	0.00%	\$4,022.46		0.00%	
\$ 99231	\$39.74	9	2.28%	234	0.00%	\$9,299.16		0.00%	
O 93351	\$273.90	10	2.26%	232	0.00%	\$63,544.80		0.00%	
O 78452	\$493.02	11	2.21%	227	0.00%	\$111,915.54		0.00%	
93293	\$53.71	12	2.18%	224	0.00%	\$12,031.04		0.00%	
80061		13	2.12%	218	0.00%	\$0		0.00%	
84450		14	2.08%	213	0.00%	\$0		0.00%	

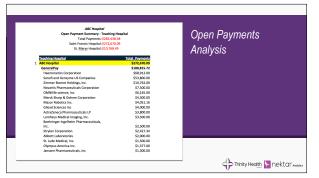


Year	Total Payments	Number of Patie	ents	Payments pe	er Patient
2014	\$512,178	882		\$581	
2013	\$488,895	867		\$564	
2012	\$465,721	825		\$565	
Provid	er Comparison NATIONALI	Y STATEWIDE			
How		82,256 providers specializin	ig in Family Practice	a nationally:	
2014	Total Payments: \$512,178 100th percentile nationally	Number of Pati 98th percentile			er Patient: \$581 Itile nationally



Provider Informa	ation	MGM	A Percentil	es
Criteria	Actual	70th	80th	90
Total Days Worked	256	240	240	24
Total Encounters	6764	4508	5067	61
Avg Encounters / Day	26	19	21	
Total Work RVUs	9439	5672	6279	739

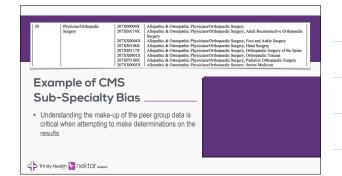






How Do You Actually Calculate These Metrics









Excel Template Walk Through How to calculate E/Ms, Modifiers, and Top Procedure analysis.

Live Example

🕂 Trinity Health 🔽 nektar Analytic



Highly Productive Physicians

Special care must be taken with "highly productive"
 physicians

 Example: Physicians with annual wRVUs > 90th% of industry benchmarks
 Example: Physicians that have billed a high number of hours based on Harvard RUC time study
 Specialties such as cardiology, neurosurgery, orthopedics

Evaluate need for additional audit procedures to evaluate

- Medical appropriateness of services - Adherence to industry professional standards







Breaking Down the "Physician Payments Sunshine Act"_____

 Increase transparency and public awareness of financial relationships between pharmaceutical and medical device companies and physician and teaching hospitals

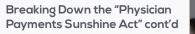
 Most recent data details 12 million payments valued over \$8 billion made to 631,000 physicians and 1,146 teaching hospitals

CMS validated approximately 99% of all records were accurate

Records not verified were not processed or reported

· Link to source data in Handout

🕂 Trinity Health 📔 nektar Analysia



• What do you do with this info?

- Review all employed and independent providers
- We established a target of \$5,000 or more in payments

Trinity Health 🔚 nektar 🗤

The following detail is provided:
 Total payments and transactions
 Total general and research payments

- Physician ownership information



Excel Analysis Walk Through Analyzing your Open Payment Data

Live Example

🕂 Trinity Health 📔 nektar Analytic



What should you do with Open Payment Analysis ____

 Share information with Compliance Officer, Medical Director and Chief Medical Officer

 Evaluate the potential impact of the disclosed relationship in relation to various roles or responsibilities the physician may have in your organization including:

Participation in clinical research activities, Institutional Review Board, etc.
Participation on Pharmacy and Therapeutic committees etc.

- Department or program leadership roles with influence or decisionmaking authority for formulary, device or product selection

Manage any actual or apparent conflicts of interests



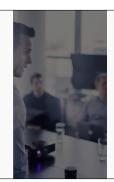
What are Risk Adjustment

CMS uses a risk-adjusted calculation to reimburse private insurers

OF.
 - Medicare Next Generation Accountable Care Organizations
 - Program of All-Inclusive Care for the Elderly (PACE)
 - Medical Shared Savings Program
 - Medicare Advantage

 A method to predict costs and adjust payment based on the relative risk and health status of a patient





Hierarchical Condition Categories (HCCs)

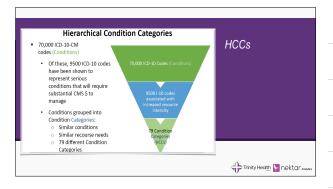
 CMS payment model to assign a risk adjustment factor to individuals with chronic illness based upon:

- HCCs are split into ICD-10 diagnose categories which CMS collects through claims submitted

 CMS utilizes these codes to determine how health patients are which in turn predicts patient costs for the following year
 HCCs only recognize ICD-10 codes documented on a patient's record in the past year, which is why it is necessary to document all patients' co-morbidities to accurately portray the acuity of the patient patient patients

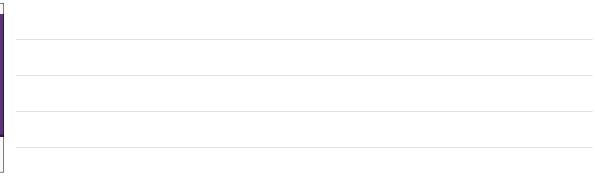
 It is crucial to understand the role of patients' Risk Adjustment Factors to clinical and financial performance under risk

Trinity Health Nektor Analytics





Dia	gnoses for Claims	Diag	noses for Clinical Risk Adjustment
•	Prospective - submitted on each claim	•	Retrospective - reviewed periodically (e.g. annually
•	Historically used for coverage and reimbursement purposes	•	For accurate calculation of patient's clinical ris score
•	Supports medical necessity	•	Used to improve clinical care and overall disease management
•	Satisfy medical policies for coverage of services (e.g., LCDs/NCDs)	•	Used to estimate future clinical and financial resource utilization



The Compliance Risks for HCCs

Compliance risks:
 Inflating HCC scores to achieve financial goals

Г

- Lack of medical record documentation confirming reported diagnoses
- Claiming current treatment of conditions treated in prior years
- Overstating the severity of patient medical conditions
- Performing chart reviews or audits that look only for upward HCC adjustments, while ignoring information that would decrease HCC adjustments
- Failing to verify provider's diagnoses
- Failure to accurately code diagnosis information can <u>over/understate the cost and risk</u> associated with caring for the beneficiary/plan members and result in inaccurate payments from Medicare.



How to incorporate the results into a	
Risk-Based Auditing F	Plan





Provider	Specialty	At Risk CPT	CPT Vol	CPT Util.	CPT Diff.
JULIA A MATTSON MD	Obstetrics & Gynecology	99214	1330	98.59%	68.00%
XIANG LIU MD	Diagnostic Radiology	99213	1025	89.75%	54.00%
REZA J DAUGHERTY MD	Diagnostic Radiology	99213	1792	74.14%	38.00%
NINCHUL FRANCIS SHIN MD	Diagnostic Radiology	99213	1991	70.06%	34.00%
TINOTHY JAMES EDEN CRNP	Nurse Practitioner	99214	1213	67.02%	29.00%
LEONARD ROSENBAUM MD	Diagnostic Radiology	99214	568	64.91%	41.00%
SARA C GAVENONIS MD	Diagnostic Radiology	99213	1875	64.32%	28.00%
KRISTINA SIDDALL MD	Diagnostic Radiology	99213	2048	63.82%	28.00%
RALPH P IERARDI MD	Vascular Surgery	99215	48	32.65%	30.00%





A More Statistical Approach to

Outlier Determination _

- E&M Code Groups Outliers are determined through a chi-squared distribution analysis against CMS data. A provider is considered an outlier if there is a probability of less than 1% (p < 01) that the variance betwen the provider data and CMS data is random. If the code group represents less than 5% of the provider soverall revenue, an outlier is considered low-significance.
- Modifier Usage A provider is considered an outlier if that provider's modifier usage is more than
 2 times the rate of CM usage.
- Radiology/Lab/Medicine Charges The scorecard contains an analysis of total radiology/lab/ medicine charges as a percent of total revenue. A provider is considered an outlier if that percentage is more than 2 times the percentage of CMS.
- MGMA Metrics The scorecard contains an analysis of annual productivity metrics compared to MGMA data, including days worked, encounters, encounters per day, and work RVUs. Any provider above the MGMA 90- percentile is considered an outlier.
- Medicare Utilization A provider is considered an outlier if the provider's Medicare utilization is greater than the 90- percentile for the provider's peer group.

Trinity Health 🛐 nektar Analytic



Examples of Provider Scorecards The benchmarking report end deliverable.

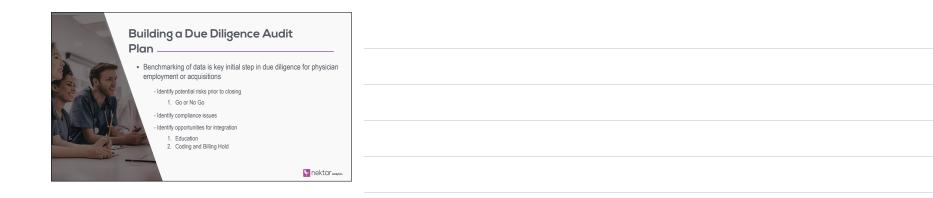
Live Example





Examples of Prioritized Audit Plans How to plan your yearly audits based on risk analysis

Live Example





After the Plan is Made

 Sampling process/consideration: - Retrospective claims (prior 3 months) - Non-statistical sampling e.g. judgment sampling

- Population is stratified (stratums) based on benchmarking - Sample size - small samples based on risk - Extrapolation – NONE

Since the sample size was controlled by the auditor it cannot be measured

Analysis of Sample

- Provider documentation in comparison to CPT codes

- Accuracy of diagnoses

- Accuracy of place of service codes

- Functionality an use of the EMR system





After the Plan is Made ____

Findings Categories
 Observations

Observations which may affect the accurate assignment of the diagnoses, procedures or compliance with other program requirements and require a management response and corrective action plan.

Observations identified are subject to the following internal Policy, "Correction of Errors in Federal and State Health Care Program Payments"

- Incidental Matters

Matters noted during the review that do not require a management response.

🕂 Trinity Health 🛐 nektar 🗤





Disclaimer _____

· Disclaimer is very important:

 The analyses are for benchmarking purposes only and to assist in prioritizing areas for further review by hospital management

 Coding and billing is dependent upon the services rendered by the hospital as determined to be medically necessary and appropriate based on the patient's presenting medical condition

 No conclusions regarding the accuracy of coding and billing, nor compliance with government and third-party payer rules and regulations can be made without further review of the provider's underlying medical records documentation

🕂 Trinity Health 🛐 nektar 🗤



Auditing / Monitoring APPs_

Where to start

- Create an inventory of APPs – are they employed, contracted, etc.
- Who controls APP's, what is their scope of work?
- What collaboration agreements are in place with physicians?
- What level of supervision is in place?
- Who bills for APP services?

- Use of an Internal Control Questionnaire
 See Handout
- · Chart review / billing audit
- APP Observations and Recommendations

🕀 Trinity Health 🛐 nektor 🗤



 Testing Objectives – Review a non-statistical (judgmental) sample of beneficiary services to validate that the medical record documentation supports diagnoses codes submitted on claim forms.

 Population – Participating Medicare beneficiaries (e.g. NGACO Quarterly Participant File, NGACO Benchmark Report, etc.)

- Sampling Unit Medicare beneficiary. Since the sample unit will be the beneficiary the documentation to support the claim may come from both employed and independent providers.
- Sample Size The sample size will consist of a mix of high, medium and low clinical risk scoring Medicare beneficiaries to assess both potential risks for high clinical risk scores lacking appropriate supporting clinical documentation as well as opportunities to improve clinical risk scores based on review of supporting clinical documentation.
- For example: CMS Risk Adjustment Data Validation (RADV) audits currently use the following sample sizes: 20 High Scoring Beneficiaries, 20 Medium Scoring Beneficiaries, and 20 Low Scoring Beneficiaries.

🕂 Trinity Health 🛐 nektar 🗤

HCCs Analysis of Sample

Provider progress notes

CMS 1500 claims data

• The most current international Classification for Disease, Tenth Revision, Clinical Modification (ICD-10-CM)

Current HCCs included in the CMS-HCC risk-adjustment model

https://www.cms.gov/Medicare/Health-Plans/MedicareAdvtgSpecRateStats/ Risk-Adjustors-Items/Risk2014.html? DLPage=1&DLEntries=10&DLSort=0&DLSortDir=descending

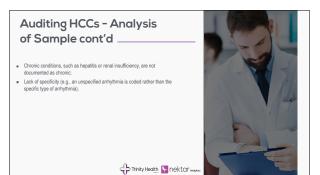
 Medicare Program Integrity Manual, Pub 100-08, Chapter 3, §3.3.2.4, Signature Requirements Chapter 3, 30.3.2.4, organization 5.10 June www.cms.hhs.gov/manuals/downloads/pim83c03.pdf

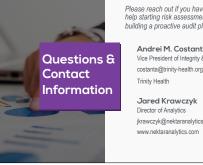


Status of cancer is unclear. Treatment is not documented;

🕀 Trinity Health 📔 nektar 🗤







Please reach out if you have questions or need help starting risk assessment benchmarking and building a proactive audit plans.

Andrei M. Costantino, MHA, CHC, CFE Vice President of Integrity & Compliance costanta@trinity-health.org

jkrawczyk@nektaranalytics.com

⊱ nektar 🗤