Welcome

Please help yourself to breakfast.
Agenda:

8:00-8:45am: Registration & Breakfast
8:45-8:55am: Welcome
8:55-9:25am: Caryl Brzymialkiewicz, Assistant Inspector General/Chief Data Officer, HHS
9:25-9:55am: Q&A and Discussion
9:55-10:00am: Closing
Who we are:

1600+ employees nationwide

fighting fraud, waste, and abuse

in Medicare, Medicaid, and More
What we do:

Provide oversight of a $1 Trillion portfolio

Audit  Evaluate  Investigate  Counsel
Provide more and better access to data and analytics to support OIG’s mission

Enhance our use of data to make more informed decisions

Accelerate data analytics for use in audits, investigations, and evaluations

Improve access to internal and external data
How the OCDO will help OIG be even more efficient and effective

- performance-management
- data-mining
- dashboards
- data-access
- data-quality
- data-governance
- geospatial-analysis
- develop-models
- analytic-tools
- predictive-analytics
- data-visualization
- facilitate-discussion-and-decision-making
- key-performance-indicators
- strategic-planning
Using data analytics

Leverage diverse talent

- Investigators
- Evaluators
- Attorneys
- Auditors
  + Federal, State, Local and Private Partners
  *With Data Analytics*
- Programmers
- Mathematicians
- Data Scientists
- Statisticians
  + New Data Sets

Harness data analytics to develop new approaches to identify unknown, undetected, and emerging patterns

Prevent and combat new and existing fraud, waste, and abuse

Bring skills, authorities and tools together in a team approach to take a fresh look at the problem and capitalize on innovative ways of looking at data
Fraud Models: Risk Measures

• Developing statistical models to calculate “risk scores” for providers who may be defrauding Medicare
• Mapping of high-risk provider locations
• Leverage access to new data sources to add richness to the models

Actionable Advanced Analytics Means High-Quality Lead Generation
Using Analysis to Show Impact

**Medicare Payments for Home Health Care, 2006-2015 Q3**

U.S National and Miami-area, (Calendar Year per Quarter)

**Medicare Payments for Community Mental Health Centers (CMHC)**

U.S. National Trends and Miami-area CBSA 2006-2015 Q3

Analysis Run Date: January 13, 2016
Note: The results of this analysis are subject to change as claims are adjusted or deleted. Medicare timely filing requires providers to submit their claims within 12 months of the date of service. Medicare Claims Proc.
Analytic Tools

• Trend Tool
• Peer comparison generator
• Link analysis (Pharmacy, Provider)
• Payments by Geographic Area
• Dashboards (Administrative data)
### Aligning Strategy and Operations

#### Environment
- **Challenges & Opportunities**
  - 2-5 year outlook
  - Develop a common understanding
  - Characterize the environment
  - Consider Risk

#### Planning
- **Strategy**
  - Leadership Intent
    - Strategic Areas of Focus
    - Top Management Challenges
    - Strategic Plan
- **Plans**
  - Detailed Planning
    - Work Plans
- **Justify & Plan**
  - Budget Justification
    - Operating Plan
    - CJ
    - Baseline / ↑↓

#### Accountability
- **Accountability**
  - Performance Management
    - Key Performance Indicators
    - Semi-Annual Report
    - SES Plans / PMAP

#### Resources
- **Resources**
  - Identify Requirements
    - personnel, expertise, tools, equipment, software, training, etc.
  - Determine required resources
  - Execute
  - Reallocate, if necessary
Using Analysis to Inform Decisions

- Consider how customers are going to use the results
- Create analytic products and processes that best facilitate the decision that needs to be made
- Socialize the team’s work and impact for positive change
- Conduct timely and relevant analysis to support decision-making, using the best available data, models, and results
Final Thoughts: Wisdom Shared With Me

• Do any job needed to make your project work, regardless of your job description
• Find people to help you
• Be true to your goals, but be realistic about the ways to achieve them
• Honor your sponsors
• “Truth to Power”
• Come to work each day willing to be fired

Sources: Thad Allen, Robert Frosch
Stay Connected

Caryl.Brzymialkiewicz@oig.hhs.gov
Or find me on LinkedIn

Steve.Shandy@oig.hhs.gov

www.oig.hhs.gov
twitter.com/OIGatHHS
youtube.com/OIGatHHS