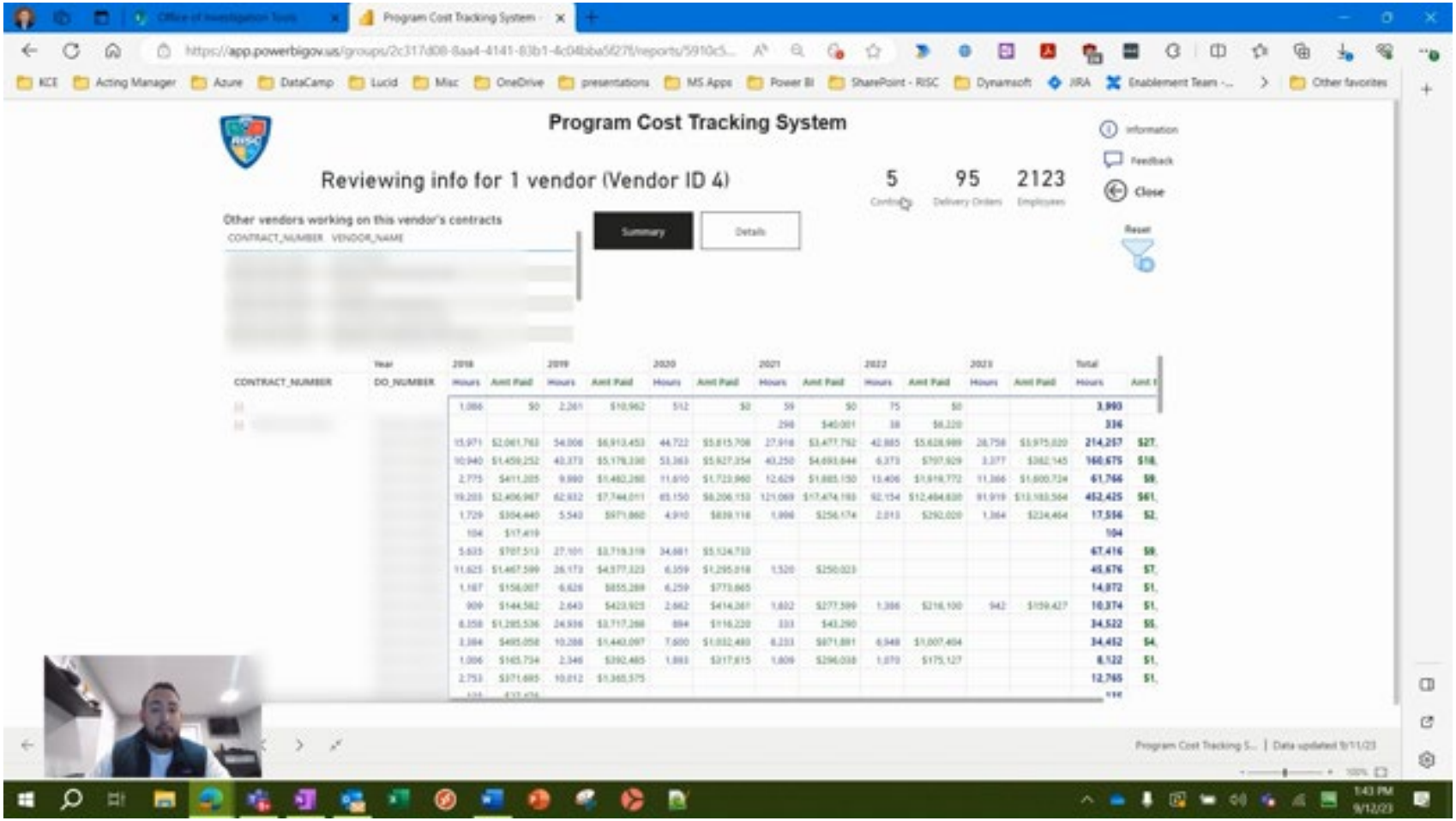
Program Cost Tracking System (PCTS) Data Analytics Tool

USPS-OIG Contract Fraud Investigations Division

- Program Cost Tracking System (PCTS) Tool
  - Agenda
    1. USPS-OIG Project Objective
    2. Video Demo
       a) Contract View, Vendor View, Employee View
    3. Tripwire examples
       a) More than 8 hours on multiple delivery orders
       b) Multiple labor categories and/or levels
       c) Weekends and Holidays
    4. IG Community Project Objective
    5. Contact information and Questions

- Program Cost Tracking System (PCTS)
  - Postal database to facilitate project planning and monitoring of a contract's financial welfare
  - Centralized reporting tool for suppliers to provide contractor timekeeping
  - Tracks contractor employees' hours and costs by contract and delivery order
  - Not used on FFP contracts

- Project Objective
  1. Utilize data analytics to identify various labor cost mischarging fraud schemes, including:
     - Billing more than 80 hours per pay period
     - Billing hours simultaneously on multiple contracts/DO's
     - Billing at a rate higher than qualified for
     - Billing for onsite rates when offsite (COVID-19 pandemic)
  2. Research correlation between billing hours and periods of performance for suppliers with both FFP and T&M contracts
     - Moving FFP costs or resources to T&M invoices at end of year


Program Cost Tracking System
Reviewing info for 1 vendor (Vendor ID 4)
5
95
2123
Other vendors working on this vendor's contracts
Summary
Details
Information
Feedback
Close
Reset

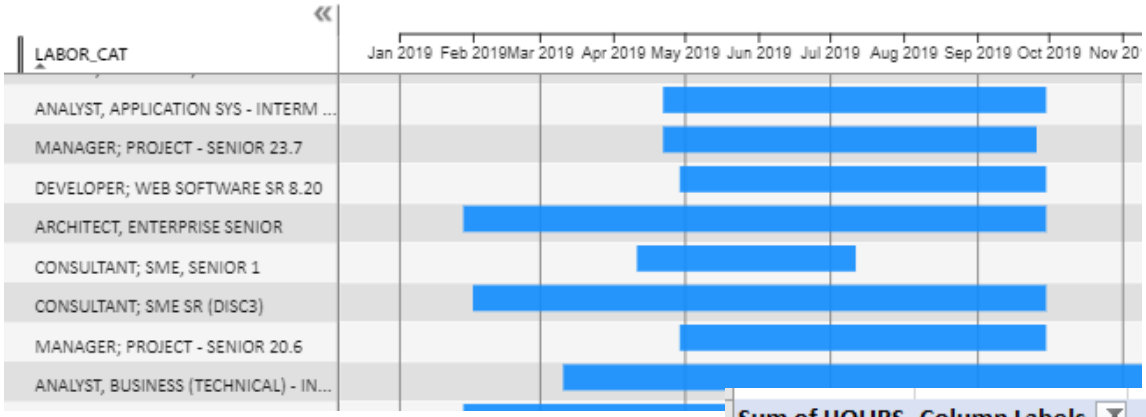
- Tripwire 1-Working on multiple contracts
  - IT developer contract employee
    - Worked full time for Perspecta on USPS T&M contract
    - Worked full time for ECS Federal on USPIS T&M Contract
    - Worked part time on US State Department FFP contract
    - Worked commercially in private aircraft sales

Year	2022		2023		Total	
DO_NUMBER	Hours	Amt Paid	Hours	Amt Paid	Hours	Amt Paid
[redacted]0023	1,470	$213,503	2,422	$253,039	3,891	$466,542
[redacted]0009	9	$1,250	366	$53,112	374	$54,363
[redacted]0011	4,802	$698,893	3,242	$461,069	8,044	$1,159,962
[redacted]0005	54	$7,343	198	$28,435	252	$35,778

- Tripwire 2-Multiple Labor Categories and Levels
  - IT Contractor Northrop Grumman for Technical Support and Enterprise Technology Services
    - Determined significant billing for labor services for which the employee did not have requisite education or experience

work_month_year	Count of Labor Cat	List of Labor Categories Grouped Together (AI)
2019-04	3	["ARCHITECT, ENTERPRISE - SME","CLIN 15 ARCHITECT, ENTERPRISE - SME2"]
2019-07	3	["ARCHITECT, ENTERPRISE - SME","CLIN 15 ARCHITECT, ENTERPRISE - SME2"]
2019-08	3	["CONSULTANT; SME SENIOR ","CONSULTANT; SME SR 3"]
2019-09	3	["CONSULTANT, SME - SME DISC (37.25)","CONSULTANT; SME - SME LEVEL(44.59)"]

- Tripwire 3-Weekends and Holidays
  - Excessive billing at end of periods of performance
  - Uncommon billing on weekends and holidays



Sum of HOURS	Column Labels							
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Row Labels								
Sunday	6	8	9	12			3	38
Monday	40	40	47	42	32	32	34	267
Tuesday	38	37	49	42	32	40	32	270
Wednesday	55	39	52	45	32	40	33	296
Thursday	47	36	39	52	32	32	45	283
Friday	35	42	37	45	32	32	44	267
Saturday	7	8	9	13			5	42
Grand Total	**228**	**210**	**242**	**251**	**160**	**176**	**196**	**1463**

- IG Community Project Objective
  1. Collaborative analysis to determine shared vendors and potential cost mischarging fraud schemes, including:
     - Employees billing more hours than possible per pay period
     - Employees billing hours simultaneously on contracts from different agencies
     - Moving costs from one agency to another
  2. Research correlation between billing hours and contract periods of performance for potential machine learning

COUNCIL OF THE INSPECTORS GENERAL ON INTEGRITY AND EFFICIENCY

Contact Information

Special Agent Colin Arbes

Contract Fraud Investigations Division

carbes@uspsoig.gov

724-584-5616