



UNITED STATES POSTAL SERVICE

OFFICE OF INSPECTOR GENERAL

# 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



Office of Investigation Tools | Program Cost Tracking System

https://app.powerbigov.us/groups/2c317808-8aa4-4141-83b1-4c04bba56275/reports/5910c5...

**Program Cost Tracking System**

Reviewing info for 1 vendor (Vendor ID 4)

5 Contracts | 95 Delivery Orders | 2123 Employees

Information | Feedback | Close | Reset

Other vendors working on this vendor's contracts

CONTRACT_NUMBER	VENDOR_NAME	2018		2019		2020		2021		2022		2023		Total	
		DO_NUMBER	Hours	AMT PAID	Hours	AMT PAID	Hours	AMT PAID	Hours	AMT PAID	Hours	AMT PAID	Hours	AMT PAID	Hours
1086			0	2,261	\$10,962	512	\$0	59	\$0	75	\$0			3,899	
								298	\$40,091	38	\$6,220			336	
15,971			\$2,061,763	54,006	\$6,913,453	44,722	\$5,815,706	27,916	\$3,477,792	42,885	\$5,628,989	28,758	\$3,975,020	214,287	\$27,890,971
10,940			\$1,459,252	40,373	\$5,178,336	51,363	\$5,827,354	40,250	\$4,693,844	6,373	\$797,929	3,377	\$362,145	166,675	\$18,755,648
2,775			\$411,205	9,990	\$1,482,280	11,610	\$1,722,940	12,428	\$1,885,150	15,406	\$1,918,772	11,366	\$1,600,734	61,766	\$8,618,376
19,203			\$2,406,967	62,832	\$7,744,011	83,150	\$8,206,130	121,069	\$17,474,193	92,134	\$12,484,830	81,919	\$13,183,504	452,425	\$61,187,638
1,729			\$304,440	5,540	\$971,860	4,910	\$839,118	1,906	\$256,174	2,813	\$290,020	1,364	\$234,464	17,534	\$2,426,036
104			\$17,419											104	\$17,419
5,623			\$707,513	27,101	\$3,719,319	34,981	\$5,124,733							67,416	\$9,568,781
11,623			\$1,467,599	26,173	\$4,377,323	6,359	\$1,295,918	1,320	\$250,023					45,876	\$6,373,663
1,187			\$158,007	6,628	\$855,288	6,259	\$773,865							14,876	\$1,787,160
909			\$144,582	2,643	\$423,923	2,662	\$414,267	1,692	\$277,599	1,396	\$216,100	942	\$109,427	10,374	\$1,061,975
8,158			\$1,285,536	24,936	\$3,717,288	894	\$116,220	333	\$43,290					34,522	\$3,982,324
2,884			\$495,058	10,288	\$1,440,097	7,600	\$1,032,480	8,233	\$871,891	6,949	\$1,007,494			34,452	\$4,751,962
1,006			\$163,734	2,346	\$392,465	1,883	\$217,815	1,608	\$246,038	1,070	\$175,127			8,132	\$1,035,179
2,753			\$371,685	10,812	\$1,345,575									12,765	\$1,717,260
110			\$37,478											110	\$37,478

Program Cost Tracking 5... | Data updated 9/11/23



- 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

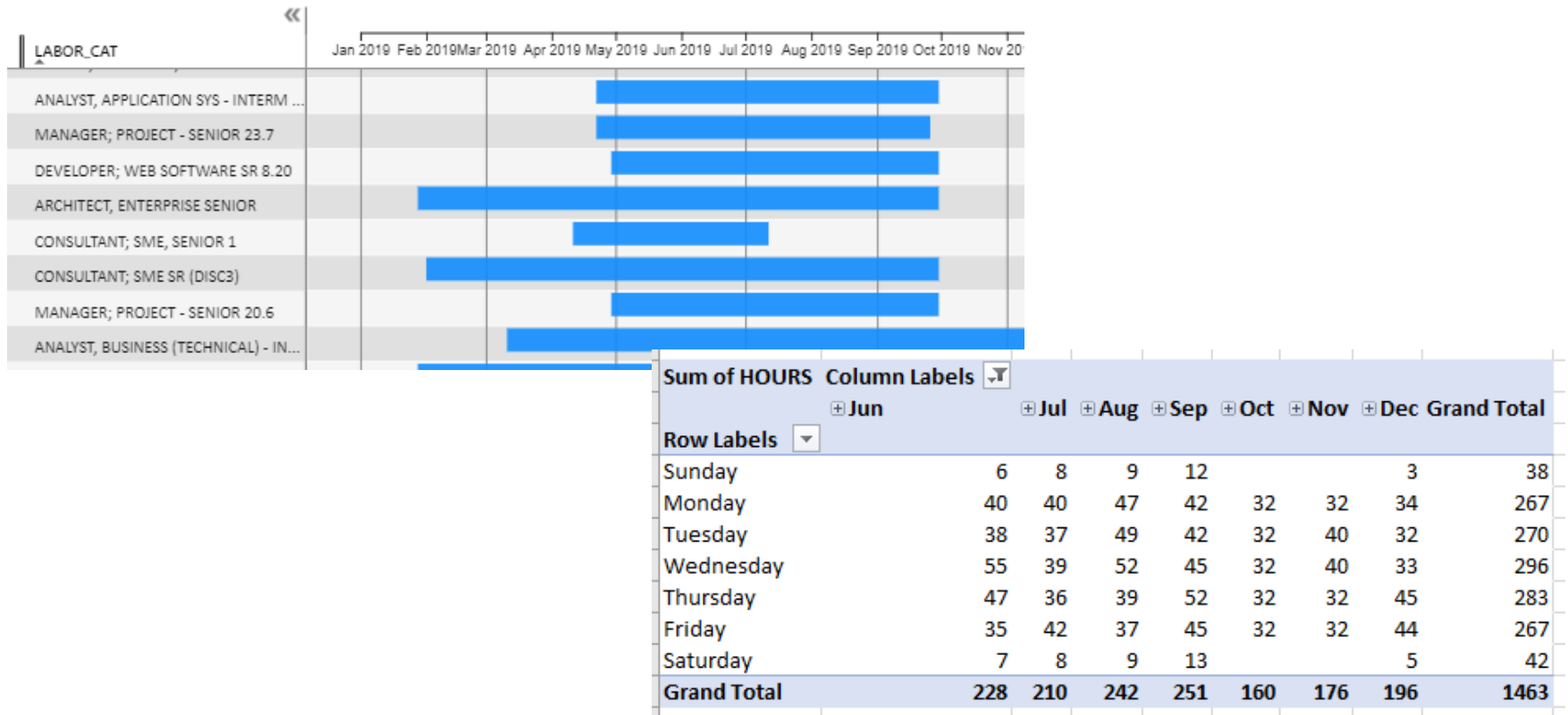


- Tripwire 2-Multiple Labor Categories and Levels
  - IT Contractor Northrop Grumman for Technical Support and Enterprise Technology Services
    - Determined significant billing for labor services for which the employee did not have requisite education or experience

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)"]
2022-02	4	["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







- **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

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