

# Federal Spend Intelligence

Multi-Year Contract Analysis (FY2004-2027): DoD, HHS, DHS

## TRACEABILITY PANEL

Source: USAspending.gov API v2

Documentation: [api.usaspending.gov/docs/endpoints](https://api.usaspending.gov/docs/endpoints)

Parameters: Multi-year contracts (FY2004-2027) | DoD, HHS, DHS | Contracts (A,B,C,D)

As-of: 2026-02-01T06:50:03.992831+00:00

Run Duration: 156.0s

Row Counts: 24.8K raw → 24.8K cleaned → 24.8K modeled

Quality Score: **96.7%**

API Calls: 248

Top Issues: No issues detected

## Key Performance Indicators

**\$67.14B**

TOTAL SPEND

**24.8K**

CONTRACT AWARDS

**7.5K**

UNIQUE VENDORS

**\$2.71M**

AVG AWARD SIZE

## Vendor Concentration Risk

**75**

HHI INDEX

Unconcentrated

**22.8%**

TOP-10 VENDOR SHARE

### Concentration Analysis

The Herfindahl-Hirschman Index (HHI) of **75** indicates a **unconcentrated** market. This suggests healthy competition among vendors.

## Data Quality Assessment

Quality Gate	Status	Score	Threshold	Notes
Schema Drift	<span>✓ PASS</span>	100.0%	95%	Checked 5 expected columns
Freshness	<span>✓ PASS</span>	95.0%	80%	Latest date: 2024-09-30
Completeness	<span>✓ PASS</span>	100.0%	90%	Average completeness: 100.0%
Duplicates	<span>✓ PASS</span>	100.0%	95%	Duplicate rate: 0.00%
Value Sanity	<span>✓ PASS</span>	85.0%	85%	Checked award_amount distribution

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Referential Integrity      **✓ PASS**      100.0%      95%      Checked 2 foreign key relationships

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**Overall Quality Score: 96.7%**

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Data Source: USAspending.gov API | Processing: Enterprise Data Pipeline

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