Federal Spend Intelligence

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

Key Performance Indicators

$67.14B	**24.8K**	**7.5K**	**$2.71M**
TOTAL SPEND	CONTRACT AWARDS	UNIQUE VENDORS	AVG AWARD SIZE

Vendor Concentration Risk

75	**22.8%**
HHI INDEX	TOP-10 VENDOR SHARE
Unconcentrated	

📊 **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	✓ PASS	100.0%	95%	Checked 5 expected columns
Freshness	✓ PASS	95.0%	80%	Latest date: 2024-09-30
Completeness	✓ PASS	100.0%	90%	Average completeness: 100.0%
Duplicates	✓ PASS	100.0%	95%	Duplicate rate: 0.00%
Value Sanity	✓ PASS	85.0%	85%	Checked award_amount distribution

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

Overall Quality Score: 96.7%