

# ATECO Sector Analysis - Enhanced Statistical Report (2023-2024)

Analysis Date: December 31, 2025  
Dataset: Tidier\_Dataset.csv (16 fields grouped by color)  
Years Analyzed: 2023 and 2024 only

## Executive Summary with Statistical Insights

Statistical Metric	Value
Total Companies Analyzed	292
Total ATECO Sectors	13
Overall Completion Rate (2024)	11.5%
Companies with Any Data (2024)	39.7%
Companies with Full 16 Fields (2024)	0.0%
Average Fields per Company (2024)	1.84
Median Fields per Company (2024)	0.0
Standard Deviation (2024)	2.79
Overall Trend 2023-2024	+1.7%
Engagement Growth 2023-2024	-8.9%
High Performing Sectors (>40%)	0

Medium Performing Sectors (20-40%)	0
Low Performing Sectors (<20%)	13

# 1. Statistical Distribution Analysis

This section shows how many companies completed different numbers of fields (0-16).

Fields	Companies (2023)	%	Companies (2024)	%
0	150	51.4%	176	60.3%
1-5	133	45.5%	81	27.7%
6-10	9	3.1%	31	10.6%
11-15	0	0.0%	4	1.4%
16	0	0.0%	0	0.0%

## Key Points:

- Most common: 0 fields completed (most frequent value)
- 25% of companies complete  $\leq 0.0$  fields
- 50% of companies complete  $\leq 0.0$  fields (median)
- 75% of companies complete  $\leq 3.0$  fields

## 2. Absolute Value Charts by Year

Each bar shows the number of companies with completed fields in each sector. Sorted by total count (descending).

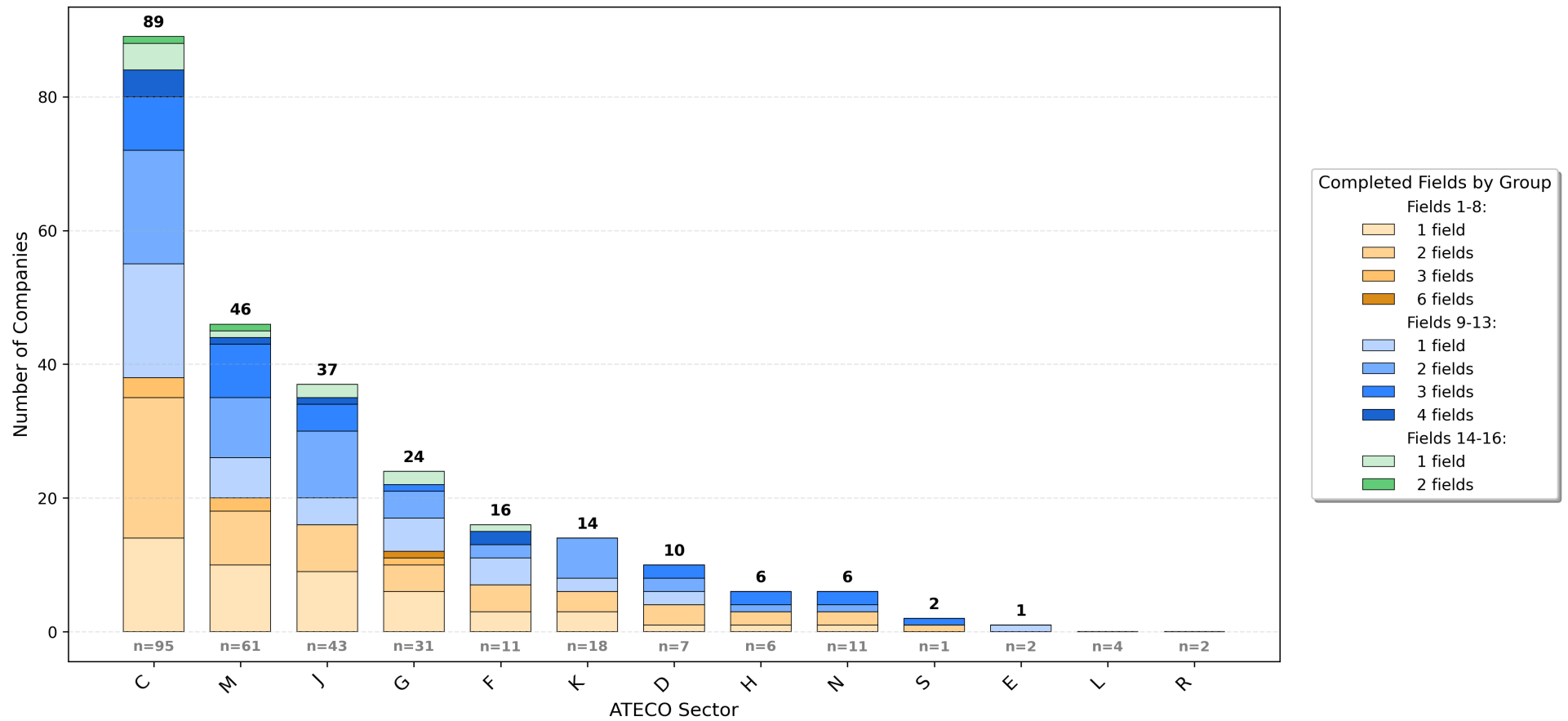
How to read: Taller bars = more companies with completed fields

Color meaning: Different colors show different numbers of completed fields (see legend)

n= shows total number of companies in that sector

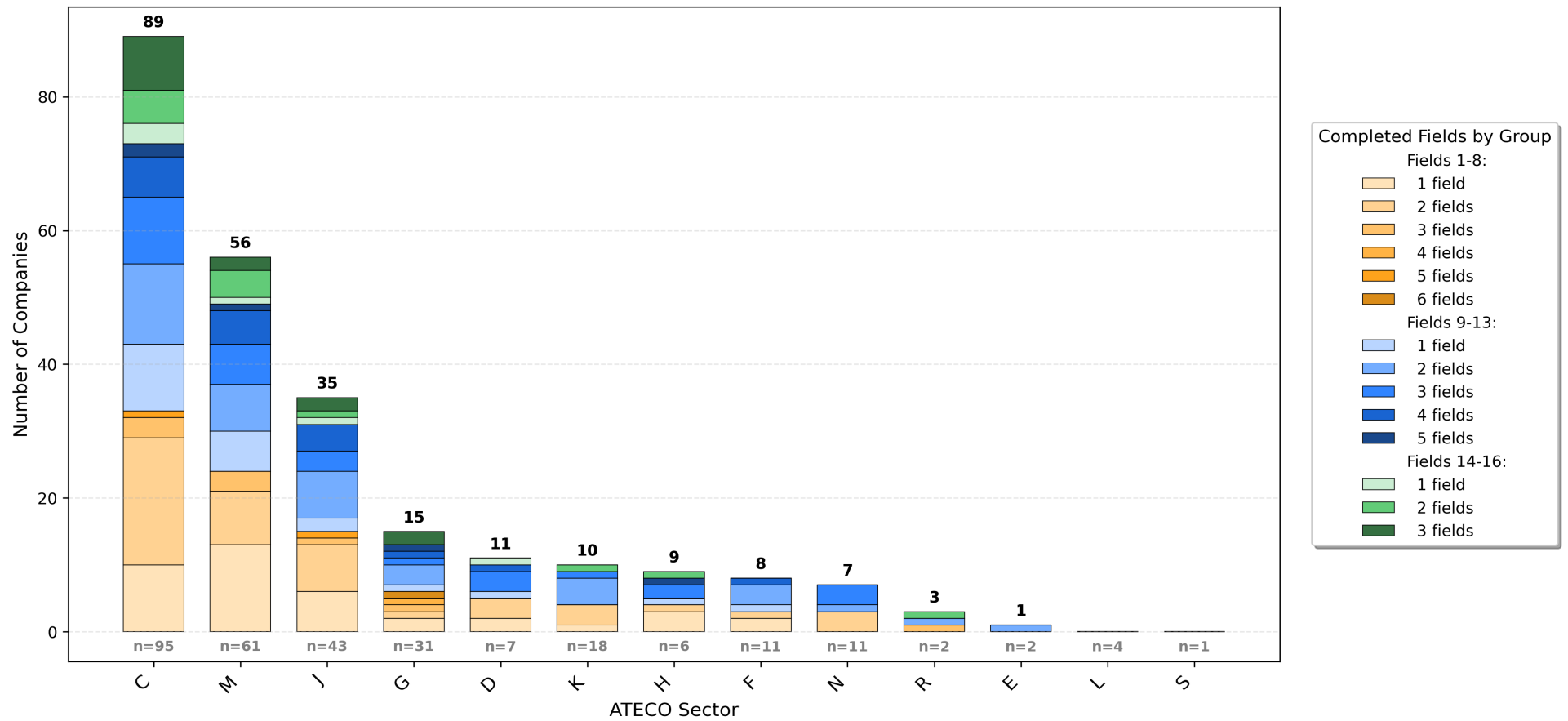
### 2023 - Absolute Counts (Sorted by Total)

### 2023 - Field Completion Distribution (Absolute Counts)



## 2024 - Absolute Counts (Sorted by Total)

### 2024 - Field Completion Distribution (Absolute Counts)



### 3. Percentage Charts by Year

Each bar shows what percentage of the total possible fields were completed in each sector. Sorted by percentage (descending).

How to read: Taller bars = higher percentage of fields completed

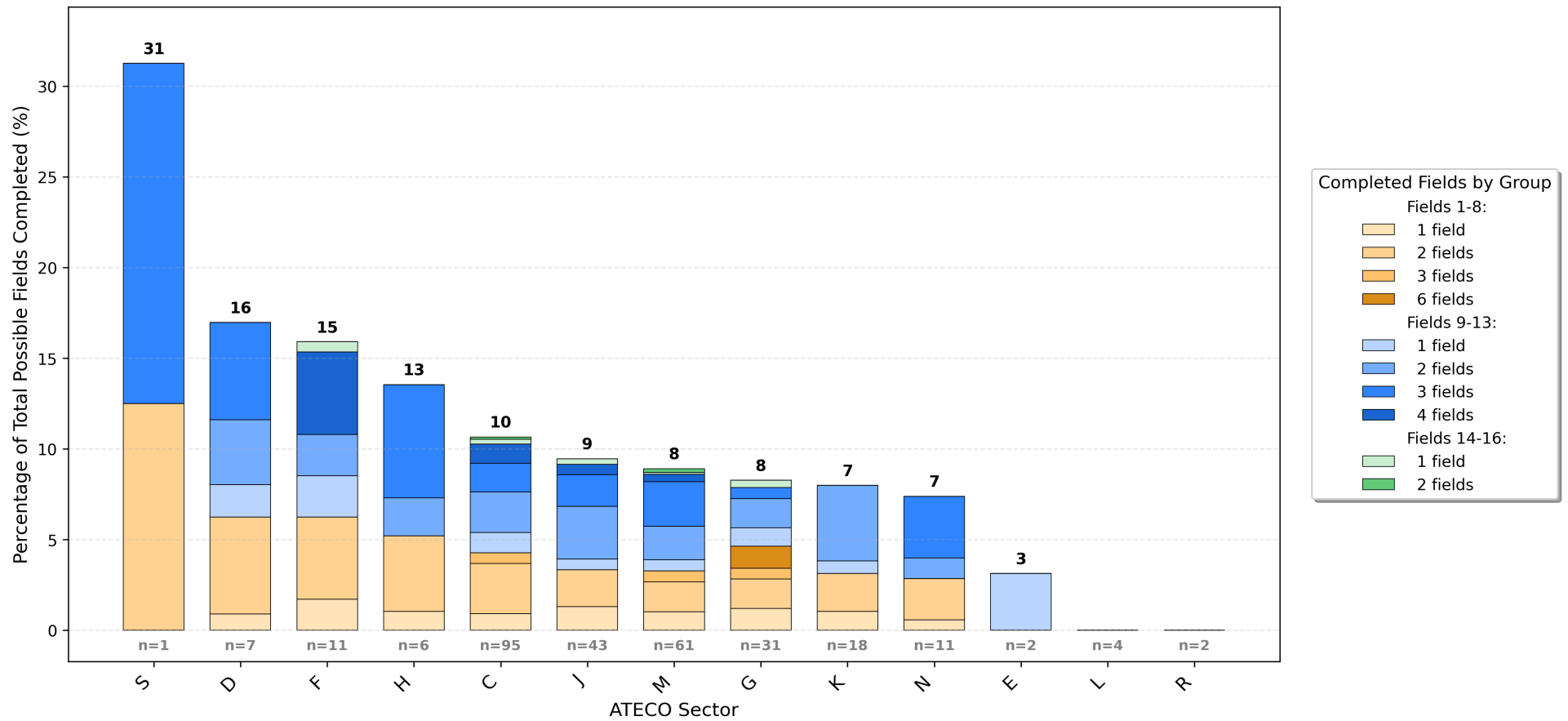
Note: 100% would mean ALL companies completed ALL 16 fields

Color meaning: Same as absolute charts (see legend)

n= shows total number of companies in that sector

## 2023 - Percentage Distribution (Sorted by %)

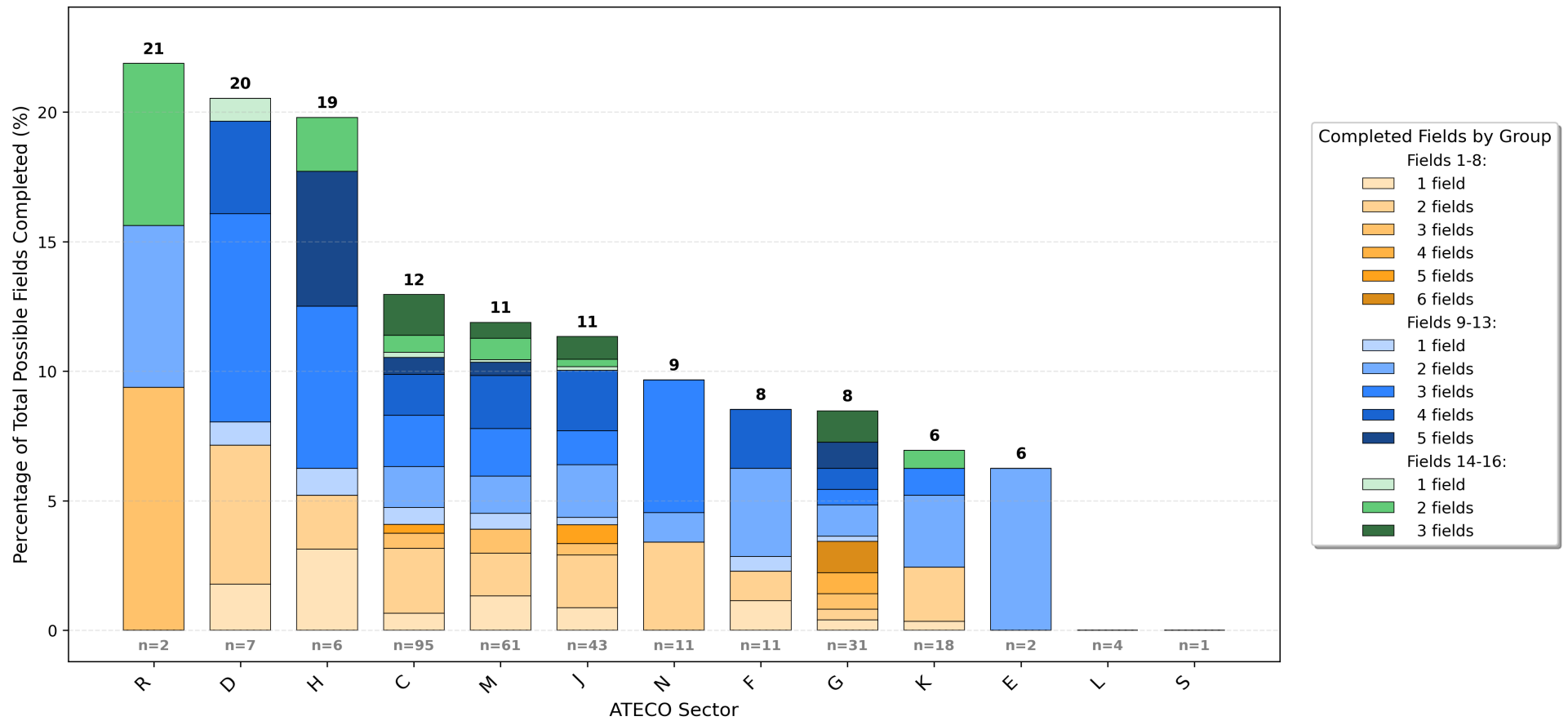
### 2023 - Percentage of Total Fields Completed (Stratified)





## 2024 - Percentage Distribution (Sorted by %)

### 2024 - Percentage of Total Fields Completed (Stratified)



## 4. Sector Performance Classification

Note: Classification based on average performance across 2023-2024

No high performing sectors found

No medium performing sectors found

### Low Performers (<20% overall completion): 13 sectors

These sectors completed the lowest percentage of fields:

- D: 18.8% avg completion, 7 companies, Trend (2023-2024): +3.6%
- H: 16.7% avg completion, 6 companies, Trend (2023-2024): +6.2%
- S: 15.6% avg completion, 1 companies, Trend (2023-2024): -31.2%
- F: 12.2% avg completion, 11 companies, Trend (2023-2024): -7.4%
- C: 11.8% avg completion, 95 companies, Trend (2023-2024): +2.3%
- R: 10.9% avg completion, 2 companies, Trend (2023-2024): +21.9%
- M: 10.4% avg completion, 61 companies, Trend (2023-2024): +3.0%
- J: 10.4% avg completion, 43 companies, Trend (2023-2024): +1.9%
- N: 8.5% avg completion, 11 companies, Trend (2023-2024): +2.3%
- G: 8.4% avg completion, 31 companies, Trend (2023-2024): +0.2%
- K: 7.5% avg completion, 18 companies, Trend (2023-2024): -1.0%
- E: 4.7% avg completion, 2 companies, Trend (2023-2024): +3.1%
- L: 0.0% avg completion, 4 companies, Trend (2023-2024): +0.0%

## 5. Performance Summary Table (2024)

All sectors sorted by overall completion percentage in 2024 (descending)

### Column Explanations:

- Sector: ATECO sector letter
- Total Cos: Total number of companies in the sector
- 2024: Overall %: Percentage of all possible fields completed in 2024
- 2024: Avg Fields: Average number of fields completed per company in 2024
- 2024: % Any: Percentage of companies with at least 1 completed field in 2024
- Trend 23-24: Change in overall completion from 2023 to 2024 (positive = improvement)

Sector	Total Cos	2024: Overall %	2024: Avg Fields	2024: % Any	Trend 23-24
R	2	21.9	3.5	50.0	21.9
D	7	20.5	3.3	71.4	3.6
H	6	19.8	3.2	66.7	6.2
C	95	13.0	2.1	43.2	2.3
M	61	11.9	1.9	44.3	3.0
J	43	11.3	1.8	37.2	1.9
N	11	9.7	1.5	36.4	2.3
F	11	8.5	1.4	45.5	-7.4
G	31	8.5	1.4	22.6	0.2
K	18	6.9	1.1	27.8	-1.0
E	2	6.2	1.0	50.0	3.1
L	4	0.0	0.0	0.0	0.0
S	1	0.0	0.0	0.0	-31.2

## 6. Overall Engagement Trends (All Sectors Combined)

This table shows how overall completion has changed from 2023 to 2024:

Year	Overall Completion %	Companies with Any Data %	Avg Fields/Company	Trend
2023	9.8%	48.6%	1.57	-
2024	11.5%	39.7%	1.84	+1.7%

### Trend Interpretation:

- ✓ Overall completion increased by 1.7% from 2023 to 2024
- ✗ Fewer companies now have any data (-8.9%)

## 7. Key Findings and Simple Insights

1. Overall Performance: In 2024, companies completed 11.5% of all possible fields.
2. Company Participation: 39.7% of companies completed at least 1 field in 2024.
3. Full Compliance: Only 0.0% of companies completed all 16 fields in 2024.
4. Average Completion: Each company completed an average of 1.8 fields in 2024.
5. Most Common: The most common number of completed fields is 0.
6. Yearly Growth: From 2023 to 2024, completion changed by +1.7%.
7. Best Performing Sectors: 0 sectors consistently completed >40% of fields.
8. Areas for Improvement: 13 sectors completed <20% of fields.

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