

# ATECO Sector Engagement Analysis Report (8 Fields)

Analysis Date: December 09, 2025  
Dataset: Tidier\_Dataset.csv (8 fields analysis)

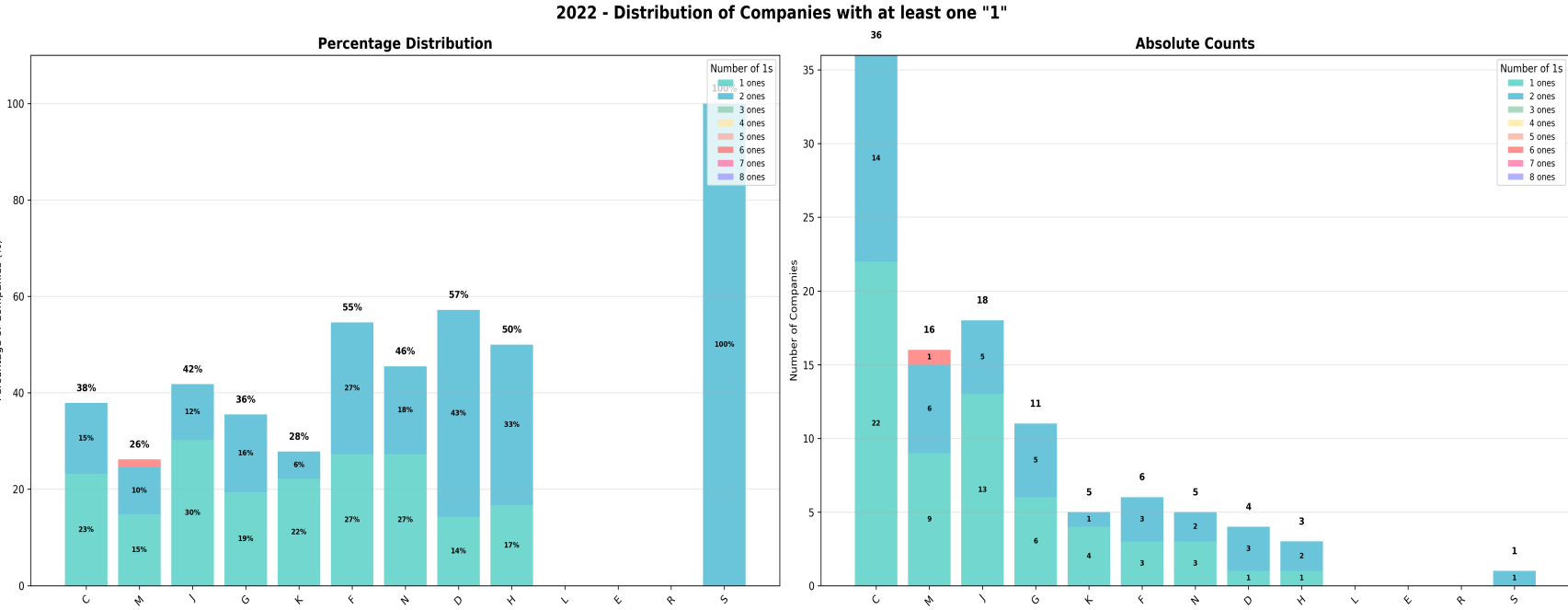
## Executive Summary

This report analyzes engagement patterns across ATECO sectors from 2022 to 2024, tracking binary field completion across 8 fields per company. The analysis covers 292 companies across 13 ATECO sectors.

| Metric                               | Value |
|--------------------------------------|-------|
| Total Companies Analyzed             | 292   |
| Total ATECO Sectors                  | 13    |
| Total Fields per Company             | 8     |
| Overall Engagement (2024)            | 33.6% |
| Overall Engagement Trend (2022-2024) | -2.4% |
| High Performing Sectors              | 2     |
| Medium Performing Sectors            | 7     |
| Low Performing Sectors               | 4     |

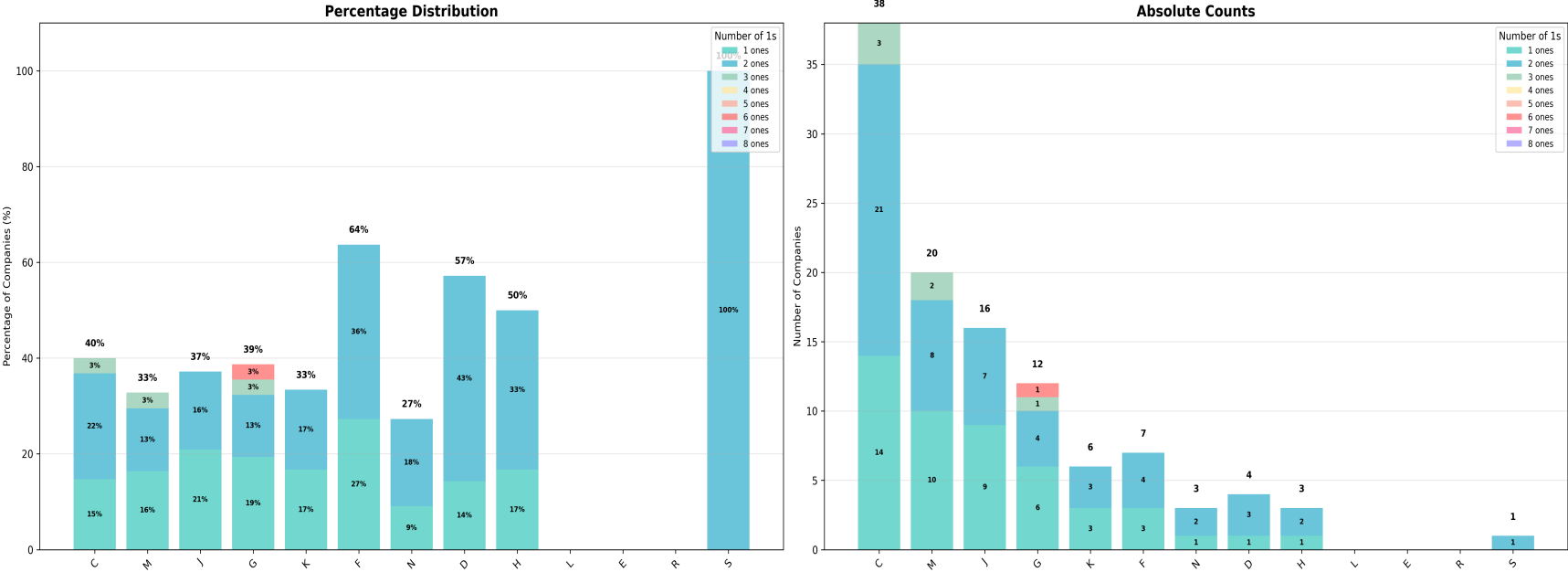
# 1. Visual Analysis of Engagement Patterns (8 Fields)

## 2022 - Distribution of Companies with at least one '1'



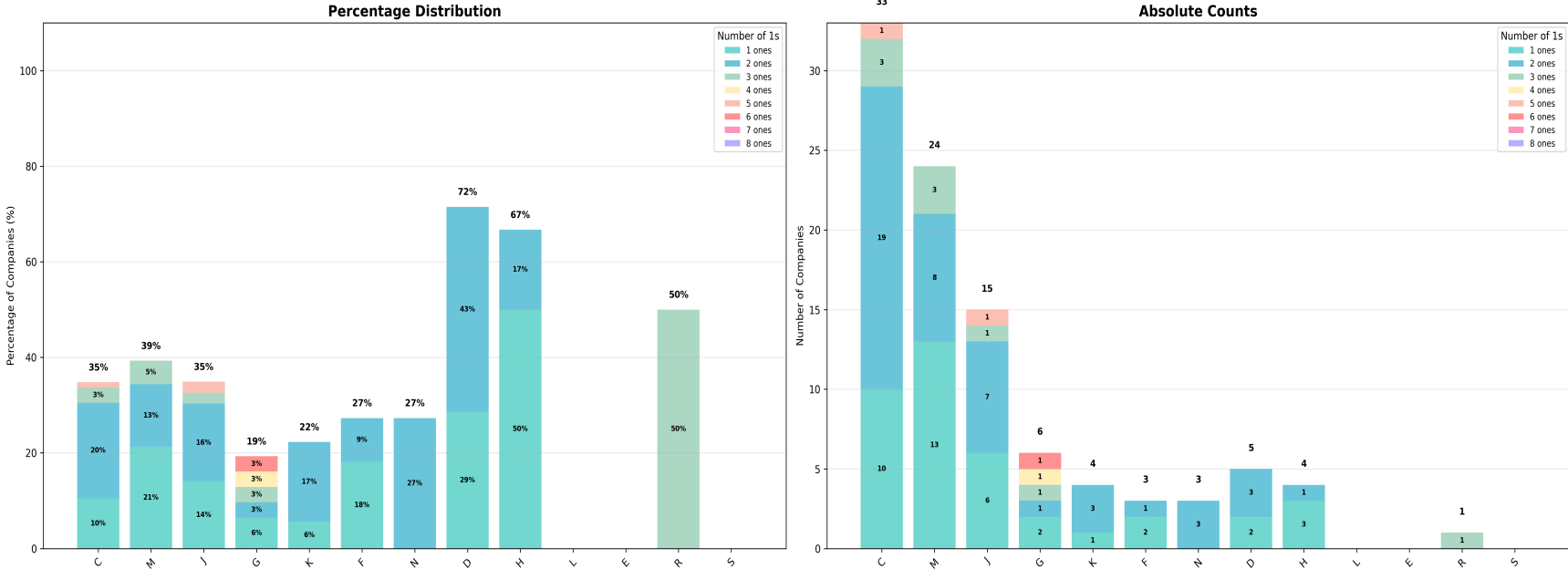
## 2023 - Distribution of Companies with at least one '1'

2023 - Distribution of Companies with at least one "1"



2024 - Distribution of Companies with at least one '1'

## 2024 - Distribution of Companies with at least one "1"



## 2. Sector Performance Classification

### High Performers (>60% average engagement): 2 sectors

- S: 66.7% avg engagement, 1 companies
- D: 61.9% avg engagement, 7 companies

### Medium Performers (30-60% average engagement): 7 sectors

- H: 55.6% avg engagement, 6 companies
- F: 48.5% avg engagement, 11 companies
- J: 38.0% avg engagement, 43 companies
- C: 37.5% avg engagement, 95 companies
- N: 33.4% avg engagement, 11 companies
- M: 32.8% avg engagement, 61 companies
- G: 31.2% avg engagement, 31 companies

### Low Performers (<30% average engagement): 4 sectors

- K: 27.8% avg engagement, 18 companies
- R: 16.7% avg engagement, 2 companies
- L: 0.0% avg engagement, 4 companies
- E: 0.0% avg engagement, 2 companies

### 3. Trend Analysis (2022-2024)

#### Biggest Improvements in Engagement:

- R: +50.0% (0.0% → 50.0%)
- H: +16.7% (50.0% → 66.7%)
- D: +14.3% (57.1% → 71.4%)
- M: +13.1% (26.2% → 39.3%)
- L: +0.0% (0.0% → 0.0%)

#### Biggest Declines in Engagement:

- S: -100.0% (100.0% → 0.0%)
- F: -27.2% (54.5% → 27.3%)
- N: -18.2% (45.5% → 27.3%)
- G: -16.1% (35.5% → 19.4%)
- J: -7.0% (41.9% → 34.9%)

### 4. Excellence Analysis (Companies with all 8 '1s')

#### Sectors with Highest Excellence (8 '1s') in 2024:

## 5. Sector Size vs Engagement Analysis

### Large Sectors (>20 companies) with Good Engagement (>40%):

No large sectors meeting the criteria

### Small Sectors ( $\leq 5$ companies) with Exceptional Performance (>70%):

No small sectors meeting the criteria

## 6. Distribution of Number of '1s' Across All Companies (2024)

Total companies analyzed: 292

| Number of 1s | Companies | Percentage |
|--------------|-----------|------------|
| 0            | 194       | 66.4%      |
| 1            | 39        | 13.4%      |
| 2            | 46        | 15.8%      |
| 3            | 9         | 3.1%       |
| 4            | 1         | 0.3%       |
| 5            | 2         | 0.7%       |
| 6            | 1         | 0.3%       |
| 7            | 0         | 0.0%       |
| 8            | 0         | 0.0%       |

## 7. Performance Summary Table (2024)

All sectors sorted by percentage of companies with at least one '1' in 2024

| Sector | Total Cos | 2024: % ≥1 | 2024: % 8 | Trend 22-24 |
|--------|-----------|------------|-----------|-------------|
| D      | 7         | 71.4       | 0.0       | 14.3        |
| H      | 6         | 66.7       | 0.0       | 16.7        |
| R      | 2         | 50.0       | 0.0       | 50.0        |
| M      | 61        | 39.3       | 0.0       | 13.1        |
| J      | 43        | 34.9       | 0.0       | -7.0        |
| C      | 95        | 34.7       | 0.0       | -3.2        |
| N      | 11        | 27.3       | 0.0       | -18.2       |
| F      | 11        | 27.3       | 0.0       | -27.2       |
| K      | 18        | 22.2       | 0.0       | -5.6        |
| G      | 31        | 19.4       | 0.0       | -16.1       |
| L      | 4         | 0.0        | 0.0       | 0.0         |
| E      | 2         | 0.0        | 0.0       | 0.0         |
| S      | 1         | 0.0        | 0.0       | -100.0      |

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

| Year | Percentage with at least one "1" | Trend |
|------|----------------------------------|-------|
| 2022 | 36.0%                            | -     |
| 2023 | 37.7%                            | +1.7% |



|                           |       |       |
|---------------------------|-------|-------|
| 2024                      | 33.6% | -4.1% |
| Overall Trend (2022-2024) | 33.6% | -2.4% |

**Average Number of '1s' per Engaged Company:**

- 2022: 1.45 '1s' per engaged company
- 2023: 1.65 '1s' per engaged company
- 2024: 1.82 '1s' per engaged company

## Conclusions and Recommendations

1. Focus on low-performing sectors to improve overall engagement rates across all 8 fields.
2. Investigate sectors showing declining trends to understand barriers to complete engagement.
3. Recognize and learn from high-performing sectors to replicate successful practices.
4. Monitor small sectors with exceptional performance as potential benchmarks.
5. Use the detailed distribution analysis to target specific engagement levels (partial vs full completion).
6. Companies with 8 '1s' represent full compliance - track these for best practices.
7. Continue tracking trends to measure the impact of engagement initiatives across all 8 fields.

Report generated on December 09, 2025 at 19:03:46