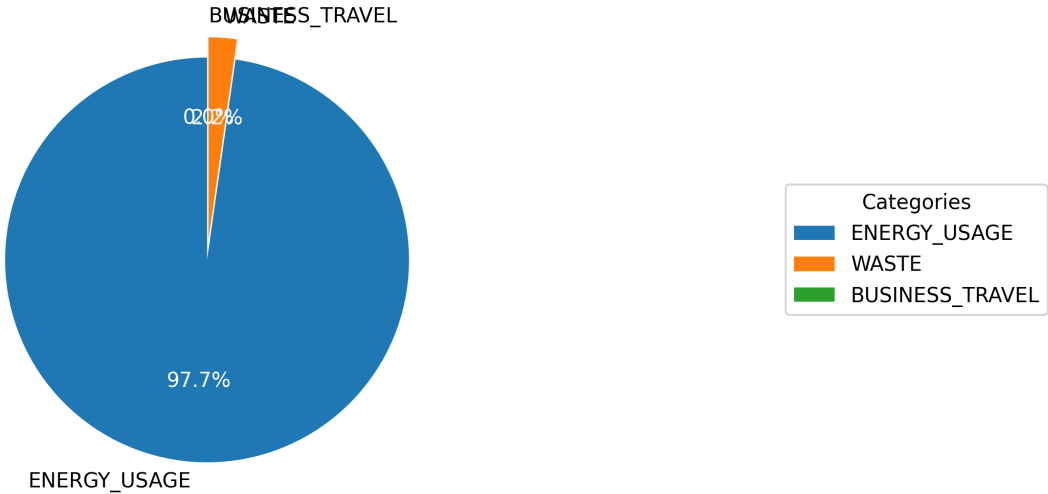
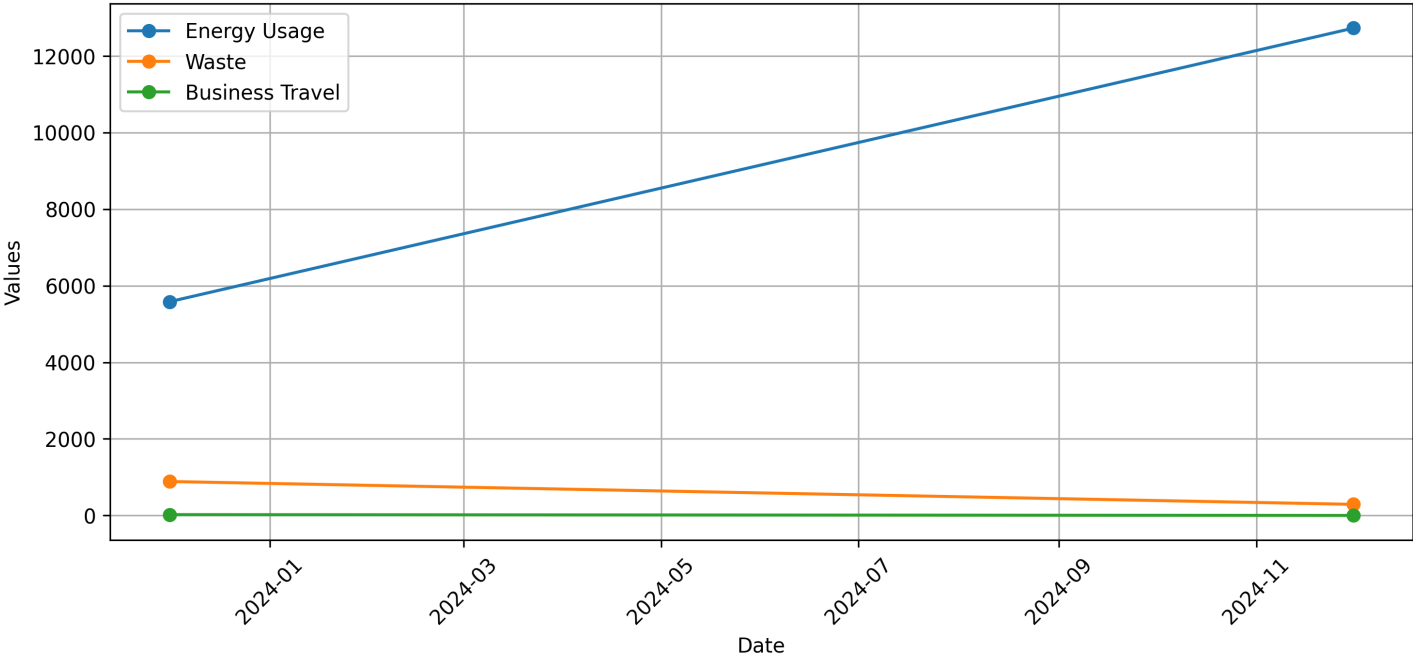


Company Emissions Report

CO2 Emissions by Category (in kg) - Yearly for org a

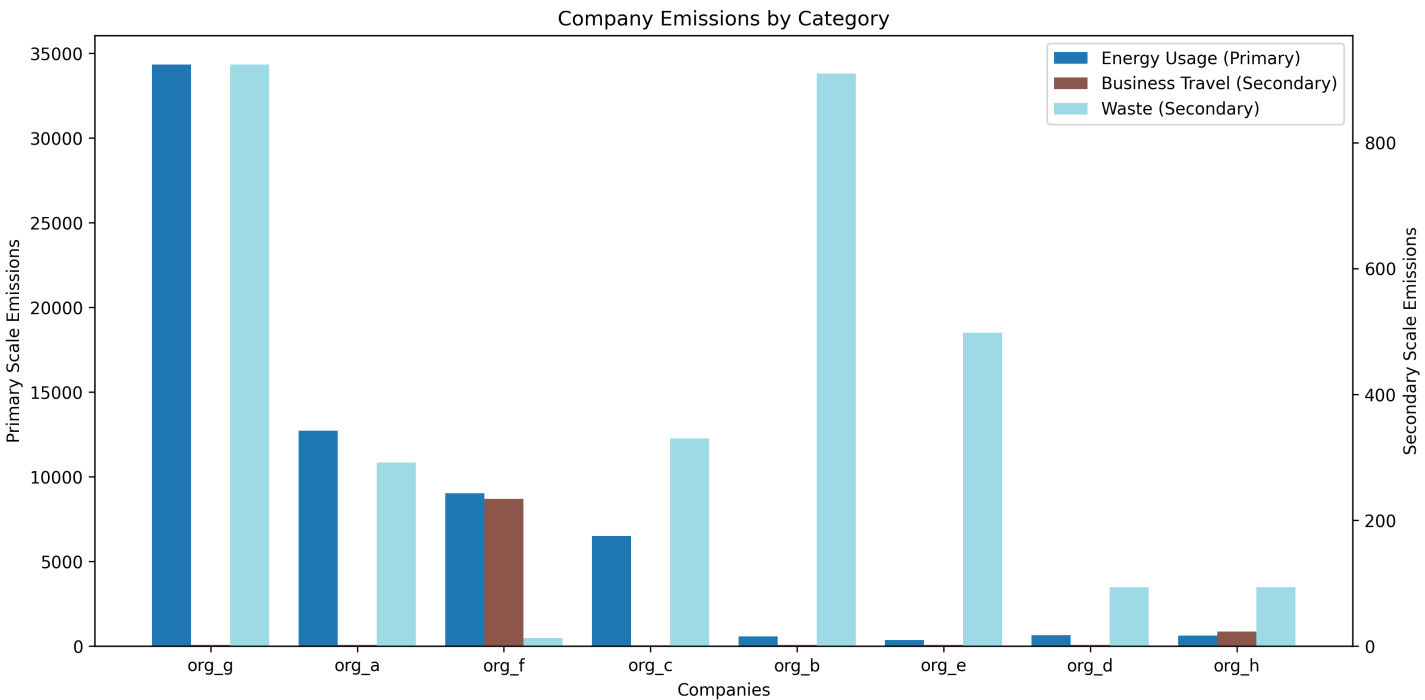


Progress of org a Over Time



Company Emissions Report

Report Generated: 2024-12-11 22:45:39



Company Rankings by Total Emissions

| Rank | Company | Total | Energy Usage | Waste | Business Travel |
|------|---------|-----------|--------------|----------|-----------------|
| 1 | org g | 35,276.37 | 34,349.58 | 924.48 | 2.31 |
| 2 | org a | 19,511.82 | 18,307.37 | 1,179.60 | 24.85 |
| 3 | org f | 9,283.62 | 9,036.45 | 12.96 | 234.21 |
| 4 | org c | 6,834.98 | 6,503.44 | 330.00 | 1.54 |
| 5 | org b | 1,495.17 | 583.02 | 909.84 | 2.31 |
| 6 | org e | 850.98 | 350.91 | 497.76 | 2.31 |
| 7 | org d | 739.13 | 642.98 | 93.84 | 2.31 |
| 8 | org h | 736.72 | 619.44 | 93.84 | 23.44 |

Note: Companies are ranked by total emissions in descending order

Company Emissions Report

Comprehensive Emissions Summary Statistics

Total Emissions Across All Companies: 74,728.79 CO2 (kg)

Average Emissions per Company: 9,341.10 CO2 (kg)

Company with Highest Emissions: org g (35,276.37 CO2 (kg))

Company with Lowest Emissions: org h (736.72 CO2 (kg))

Energy Usage Detailed Analysis

Energy Usage - Total: 70,393.19 CO2 (kg)

Energy Usage - Average: 8,799.15 CO2 (kg)

Energy Usage - Highest Contributor: org g (34,349.58 CO2 (kg))

Energy Usage - Lowest Contributor: org e (350.91 CO2 (kg))

Waste Detailed Analysis

Waste - Total: 4,042.32 CO2 (kg)

Waste - Average: 505.29 CO2 (kg)

Waste - Highest Contributor: org a (1,179.60 CO2 (kg))

Waste - Lowest Contributor: org f (12.96 CO2 (kg))

Business Travel Detailed Analysis

Business Travel - Total: 293.28 CO2 (kg)

Business Travel - Average: 36.66 CO2 (kg)

Business Travel - Highest Contributor: org f (234.21 CO2 (kg))

Business Travel - Lowest Contributor: org c (1.54 CO2 (kg))

Company Emissions Report

Detailed Analysis for Organization: org a

Organizational Overview

Organization name: org a

Total Historical Data Points: 2

Date Range: 2023-12-01 00:00:00 to 2024-12-01 00:00:00

Lowest Total Emissions: 6,493.02 (on 2023-12-01 00:00:00 CO2 (kg))

Highest Total Emissions: 13,018.80 (on 2024-12-01 00:00:00 CO2 (kg))

Category-wise Breakdown

ENERGY_USAGE - Lowest: 5,581.92 CO2 (kg)

ENERGY_USAGE - Highest: 12,725.45 CO2 (kg)

ENERGY_USAGE - Average: 9,153.69 CO2 (kg)

ENERGY_USAGE - Change Volatility: 0%

WASTE - Lowest: 291.60 CO2 (kg)

WASTE - Highest: 888.00 CO2 (kg)

WASTE - Average: 589.80 CO2 (kg)

WASTE - Change Volatility: 0%

BUSINESS_TRAVEL - Lowest: 1.75 CO2 (kg)

BUSINESS_TRAVEL - Highest: 23.10 CO2 (kg)

BUSINESS_TRAVEL - Average: 12.43 CO2 (kg)

BUSINESS_TRAVEL - Change Volatility: 0%

Performance Comparison

Performance vs Sector Mean: Above (Difference: 414.81, 4.44%)

Emissions Trend Volatility: 0%

Company Emissions Report

Trend Analysis

Most Recent Emissions Change: 100.50%

Average Emissions Change: 100.50%

Comparative Context

Emissions Percentile Ranking: 100.00%

Company Emissions Report

Recommendations

Recommendations for Energy Usage Reducing CO2 Emissions:

1. Upgrade Efficiency: Improve insulation, use ENERGY STAR appliances, switch to LED lighting.
2. Smart Technology: Install smart thermostats, utilize energy monitoring systems.
3. Behavioral Changes: Unplug devices when not in use, turn off lights and appliances.
4. Renewable Energy: Install solar panels, explore small wind turbines.
5. Optimize Heating/Cooling: Maintain HVAC systems, implement zoning.
6. Water Heating: Insulate water heaters, set temperature to 120°F (49°C).