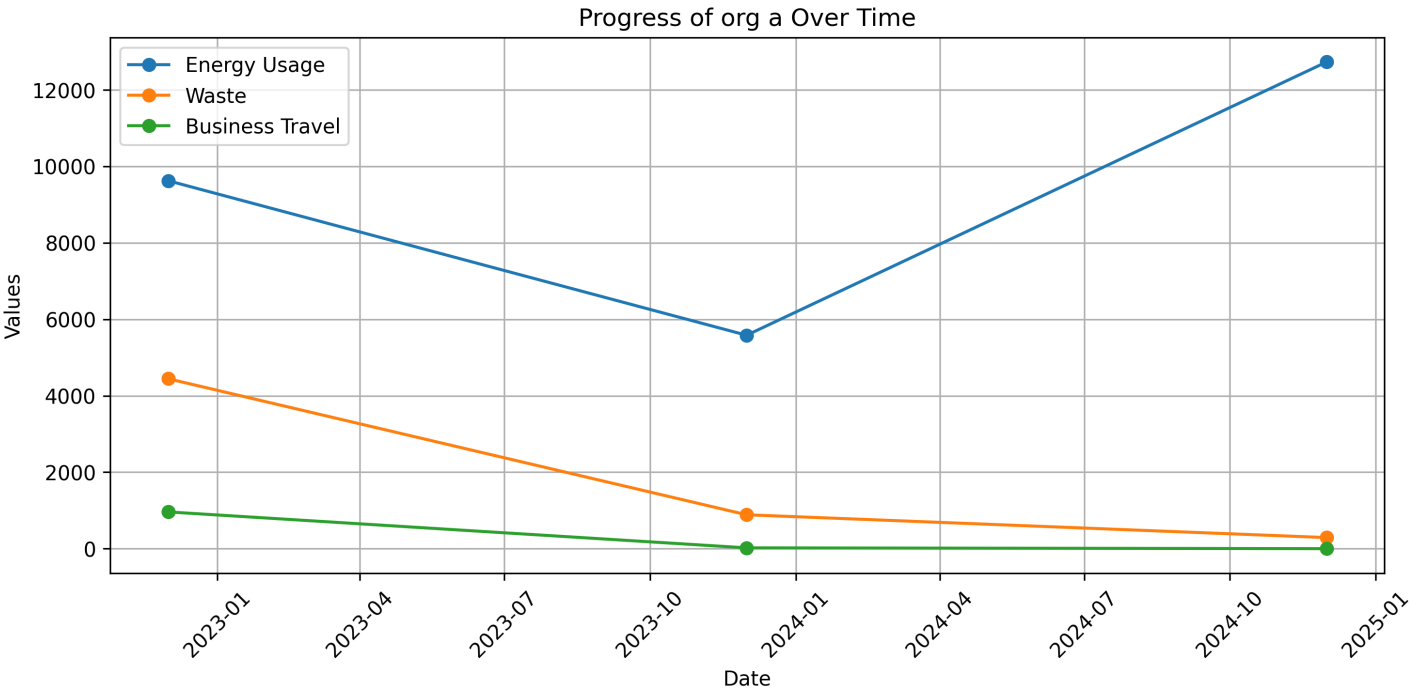
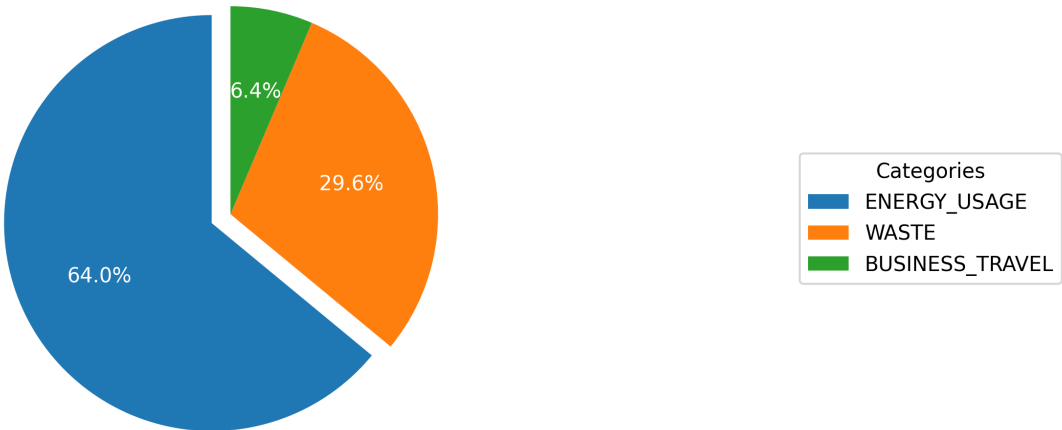


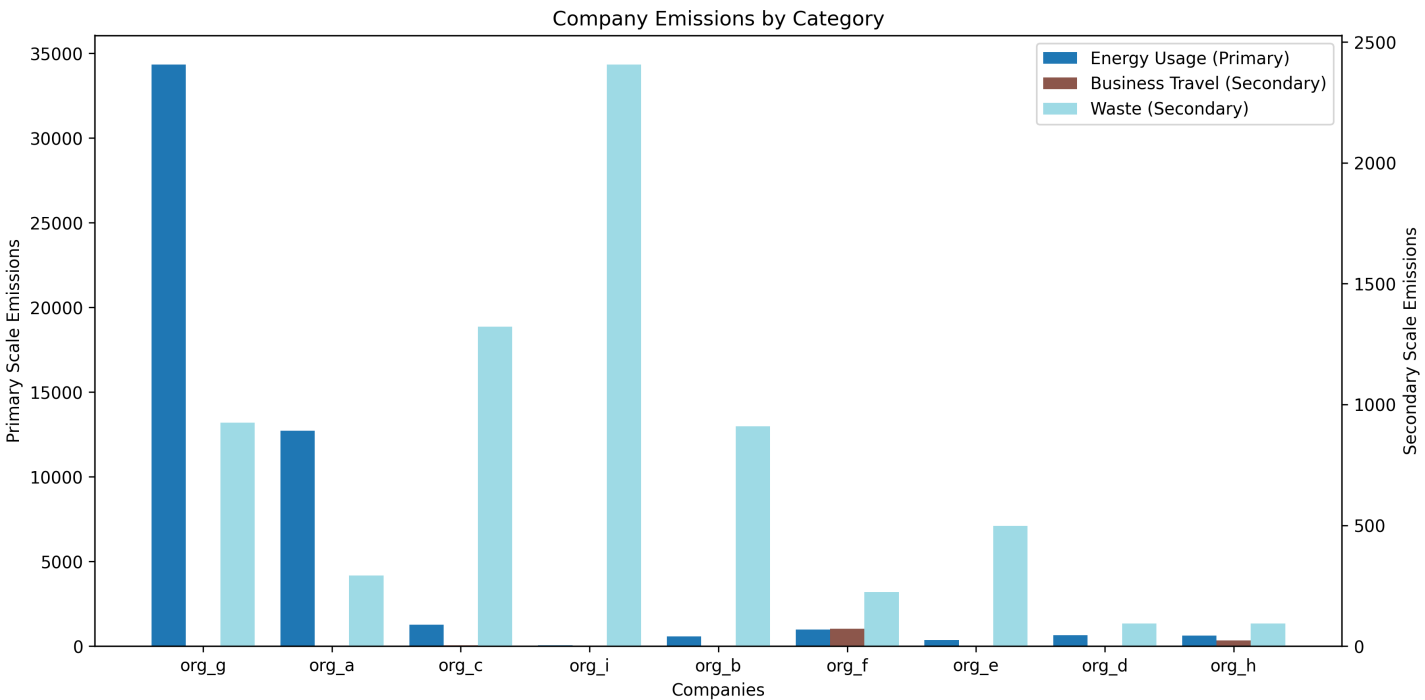
Company Emissions Report

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



# Company Emissions Report

Report Generated: 2024-12-11 22:57:55



## 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	34,539.22	27,928.31	5,623.56	987.35
3	org f	10,550.71	10,006.95	237.36	306.40
4	org c	9,427.92	7,771.26	1,651.92	4.74
5	org i	2,466.79	57.28	2,407.20	2.31
6	org b	1,495.17	583.02	909.84	2.31
7	org e	850.98	350.91	497.76	2.31
8	org d	739.13	642.98	93.84	2.31
9	org h	736.72	619.44	93.84	23.44

# Company Emissions Report

*Note: Companies are ranked by total emissions in descending order*

# Company Emissions Report

## Comprehensive Emissions Summary Statistics

Total Emissions Across All Companies: 96,083.01 CO2 (kg)

Average Emissions per Company: 10,675.89 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: 82,309.73 CO2 (kg)

Energy Usage - Average: 9,145.53 CO2 (kg)

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

Energy Usage - Lowest Contributor: org i (57.28 CO2 (kg))

## Waste Detailed Analysis

Waste - Total: 12,439.80 CO2 (kg)

Waste - Average: 1,382.20 CO2 (kg)

Waste - Highest Contributor: org a (5,623.56 CO2 (kg))

Waste - Lowest Contributor: org d (93.84 CO2 (kg))

## Business Travel Detailed Analysis

Business Travel - Total: 1,333.48 CO2 (kg)

Business Travel - Average: 148.16 CO2 (kg)

Business Travel - Highest Contributor: org a (987.35 CO2 (kg))

Business Travel - Lowest Contributor: org g (2.31 CO2 (kg))

# Company Emissions Report

## Detailed Analysis for Organization: org a

### Organizational Overview

Organization name: org a

Total Historical Data Points: 3

Date Range: 2022-12-01 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: 15,027.40 (on 2022-12-01 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: 9,309.44 CO2 (kg)

ENERGY\_USAGE - Change Volatility: 120.18%

WASTE - Lowest: 291.60 CO2 (kg)

WASTE - Highest: 4,443.96 CO2 (kg)

WASTE - Average: 1,874.52 CO2 (kg)

WASTE - Change Volatility: 9.09%

BUSINESS\_TRAVEL - Lowest: 1.75 CO2 (kg)

BUSINESS\_TRAVEL - Highest: 962.50 CO2 (kg)

BUSINESS\_TRAVEL - Average: 329.12 CO2 (kg)

BUSINESS\_TRAVEL - Change Volatility: 3.66%

### Performance Comparison

Performance vs Sector Mean: Above (Difference: 837.18, 7.84%)

Emissions Trend Volatility: 111.23%

# Company Emissions Report

## Trend Analysis

Most Recent Emissions Change: 100.50%

Average Emissions Change: 21.86%

## Comparative Context

Emissions Percentile Ranking: 66.67%

# 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).