Company Emissions Report

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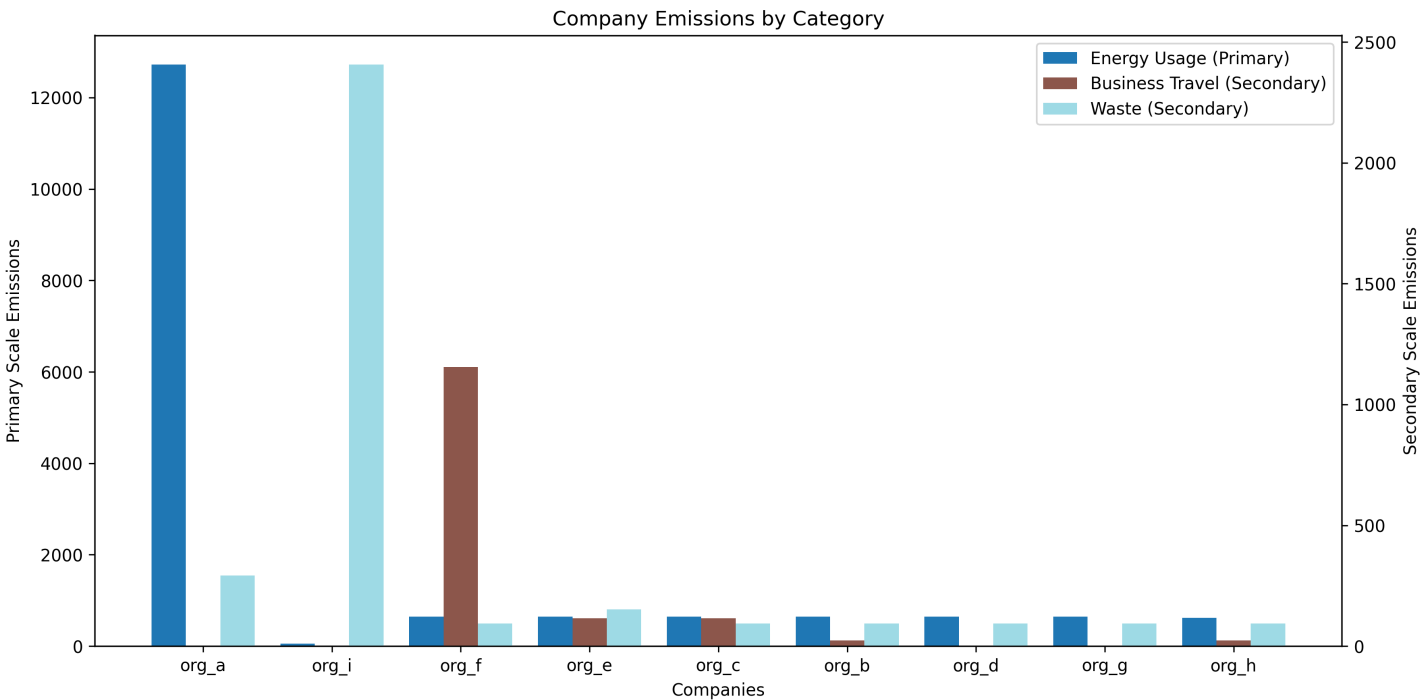

Categories
- ENERGY_USAGE
- WASTE
- BUSINESS_TRAVEL

Pie chart values: 83.3% (ENERGY_USAGE), 16.1% (WASTE), 0.6% (BUSINESS_TRAVEL)
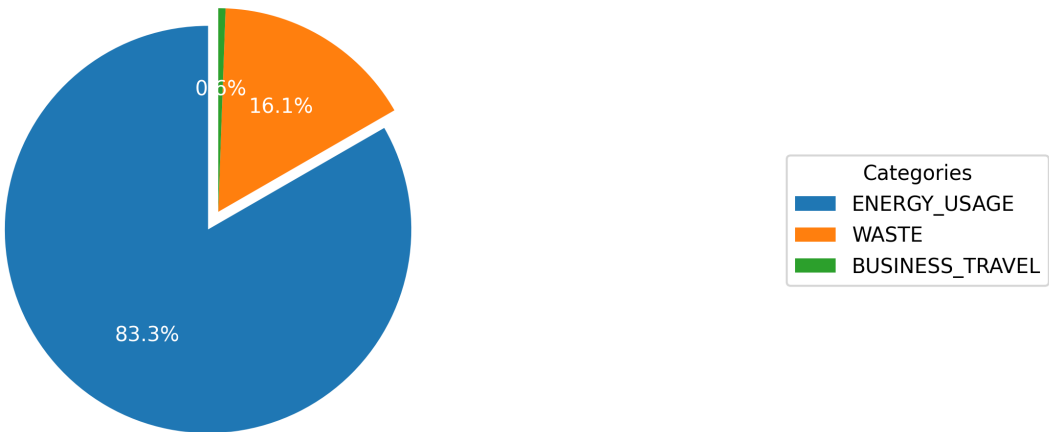
Progress of org g Over Time

Legend:
- Energy Usage
- Waste
- Business Travel

Company Emissions Report

Company Emissions by Category
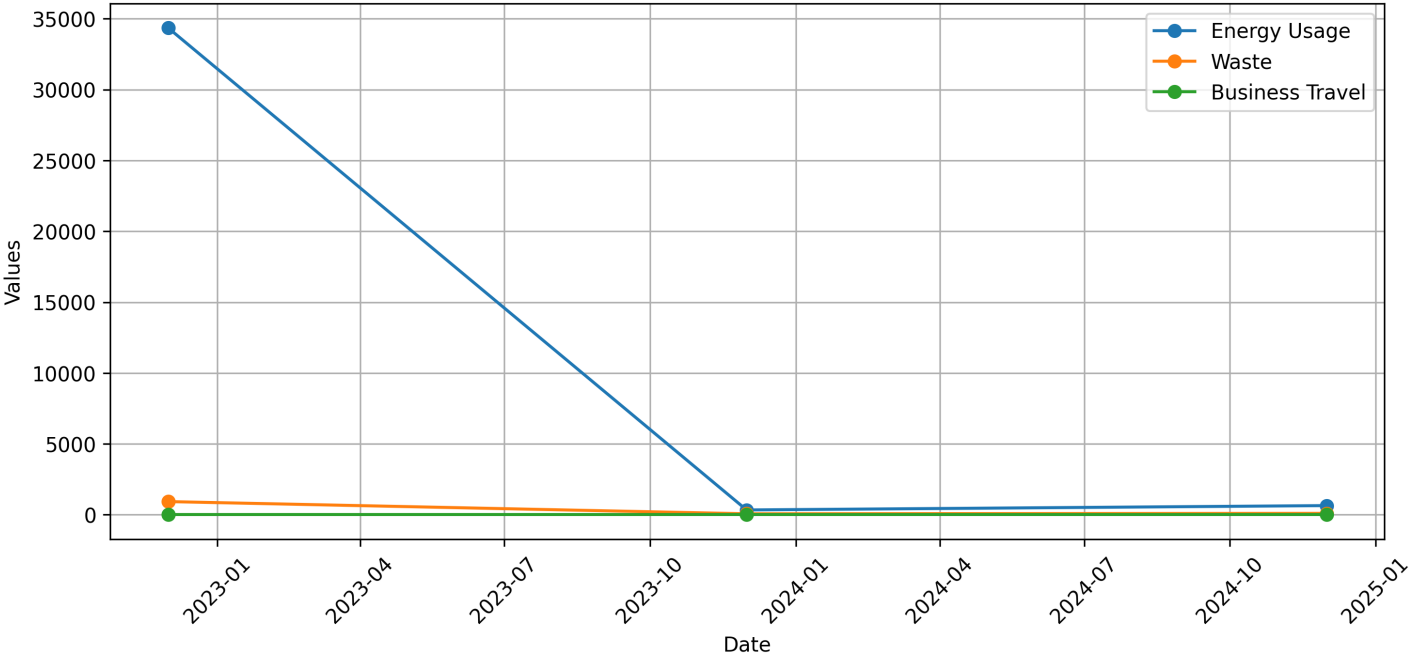
Company Rankings by Total Emissions

Company Emissions Report

Rank	Company	Energy Usage	Waste	Business Travel	Total
1	**org g**	**35,326.42**	**1,083.12**	**6.93**	**36,416.47**
2	org a	27,928.31	5,623.56	987.35	34,539.22
3	org f	9,678.37	106.80	1,389.21	11,174.38
4	org c	7,145.36	423.84	117.04	7,686.24
5	org i	57.28	2,407.20	2.31	2,466.79
6	org e	1,020.74	726.36	120.12	1,867.22
7	org d	1,284.90	187.68	117.81	1,590.39
8	org b	1,283.84	187.68	47.00	1,518.52
9	org h	619.44	93.84	23.44	736.72

Note: Companies are ranked by total emissions in descending order

Comprehensive Emissions Summary Statistics

Total Emissions Across All Companies: 97,995.95 CO2 (kg)

Average Emissions per Company: 10,888.44 CO2 (kg)

Company with Highest Emissions: org g (36,416.47 CO2 (kg))

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

Energy Usage Detailed Analysis

Energy Usage - Total: 84,344.66 CO2 (kg)

Energy Usage - Average: 9,371.63 CO2 (kg)

Energy Usage - Highest Contributor: org g (35,326.42 CO2 (kg))

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

Waste Detailed Analysis

Waste - Total: 10,840.08 CO2 (kg)

Waste - Average: 1,204.45 CO2 (kg)

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

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

Business Travel Detailed Analysis

Business Travel - Total: 2,811.21 CO2 (kg)

Business Travel - Average: 312.36 CO2 (kg)

Business Travel - Highest Contributor: org f (1,389.21 CO2 (kg))

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

Detailed Analysis for Organization: org g

Organizational Overview

Organization name: org g

Total Historical Data Points: 3

Date Range: 2022-12-01 00:00:00 to 2024-12-01 00:00:00

Lowest Total Emissions: 402.03 (on 2023-12-01 00:00:00 CO2 (kg))

Highest Total Emissions: 35,276.37 (on 2022-12-01 00:00:00 CO2 (kg))

Category-wise Breakdown

ENERGY_USAGE - Lowest: 334.92 CO2 (kg)

ENERGY_USAGE - Highest: 34,349.58 CO2 (kg)

ENERGY_USAGE - Average: 11,775.47 CO2 (kg)

ENERGY_USAGE - Change Volatility: 134.84%

WASTE - Lowest: 64.80 CO2 (kg)

WASTE - Highest: 924.48 CO2 (kg)

WASTE - Average: 361.04 CO2 (kg)

WASTE - Change Volatility: 97.44%

BUSINESS_TRAVEL - Lowest: 2.31 CO2 (kg)

BUSINESS_TRAVEL - Highest: 2.31 CO2 (kg)

BUSINESS_TRAVEL - Average: 2.31 CO2 (kg)

BUSINESS_TRAVEL - Change Volatility: 0.00%

Performance Comparison

Performance vs Sector Mean: Above (Difference: 1,250.38, 11.48%)

Emissions Trend Volatility: 129.01%

Trend Analysis

Most Recent Emissions Change: 83.59%

Average Emissions Change: -7.64%

Comparative Context

Emissions Percentile Ranking: 66.67%

Company Emissions Report

Recommendations

Recommendations for Energy Usage Reducing CO_2 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).