

# Media Analysis Program Execution Summary

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## Overview

- **Total Execution Time:** 16572.54 seconds (276.21 minutes)
- **Articles Processed:** 454
- **Charts Generated:** 5
- **Sentiment Analyses Performed:** 0
- **Entities Extracted:** 0 (Organizations: 0, People: 0)

## AI Model Usage

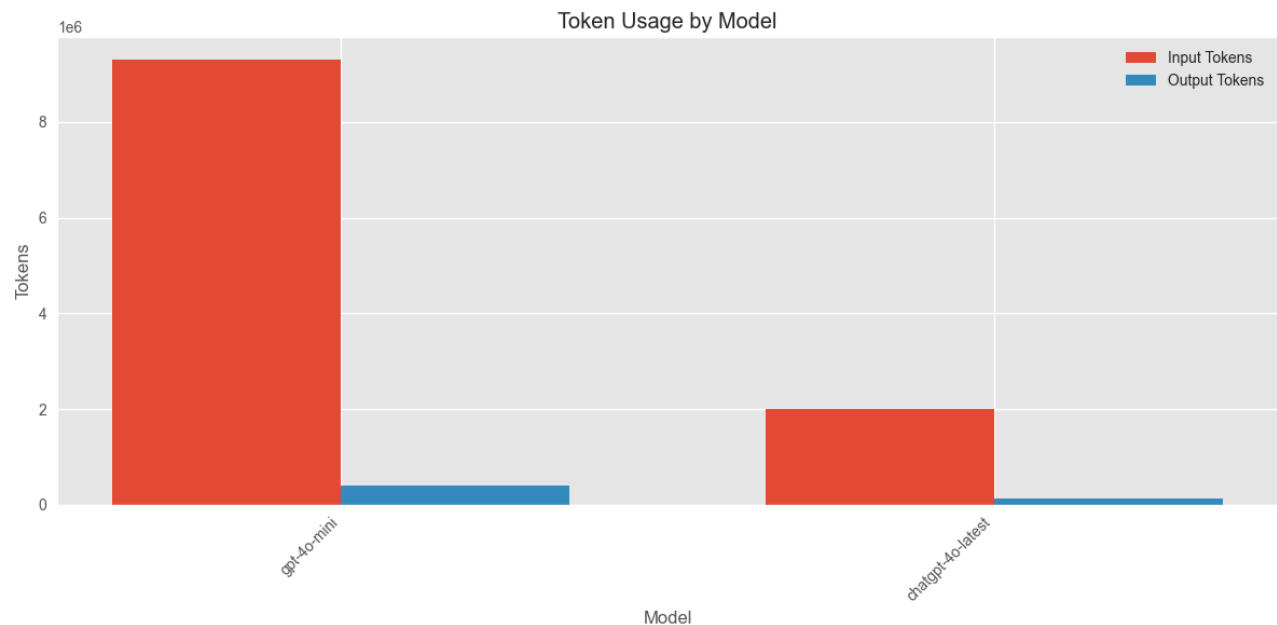
- **Total AI Chatbot Calls:** 7415
- **Total Input Tokens:** 11,315,364.8
- **Total Output Tokens:** 535,659
- **Total Tokens Processed:** 11,851,023.8

## Estimated API Costs

- **Estimated Total Cost:** \$371.60
- **GPT-4 Series Models:** \$371.60
- **GPT-3.5 Series Models:** \$0.00

## Model-Specific Usage

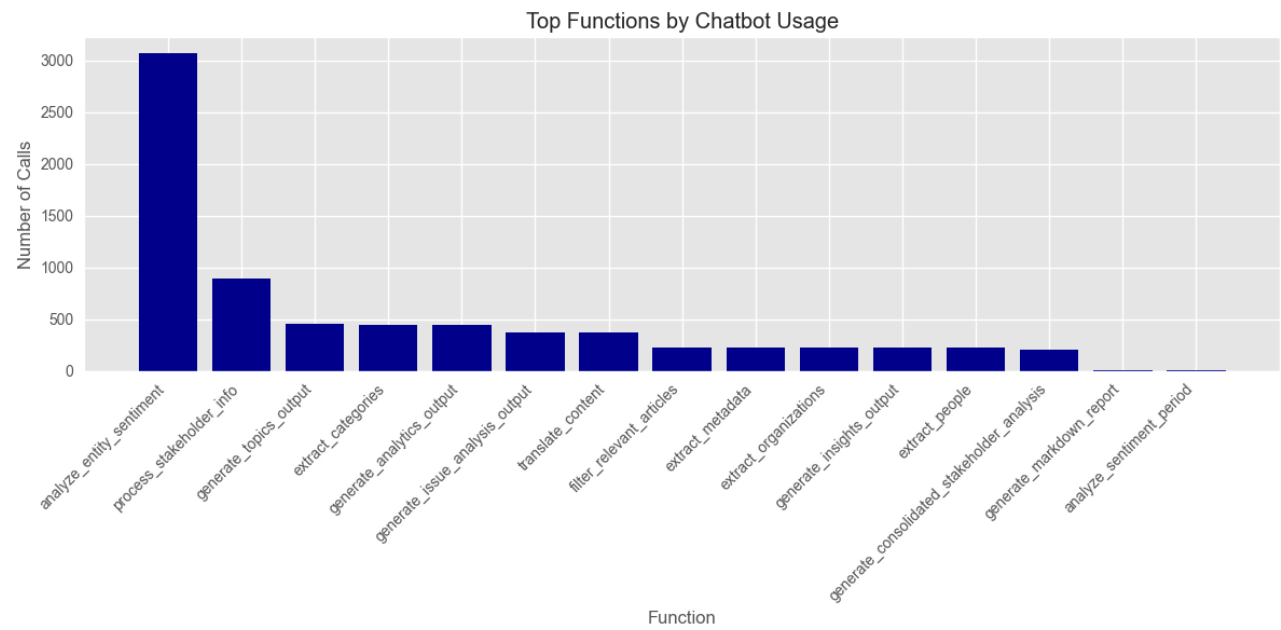
Model	Calls	Input Tokens	Output Tokens	Total Tokens
gpt-4o-mini	6941	9,304,959	409,032	9,713,991
chatgpt-4o-latest	474	2,010,405.8	126,627	2,137,032.8



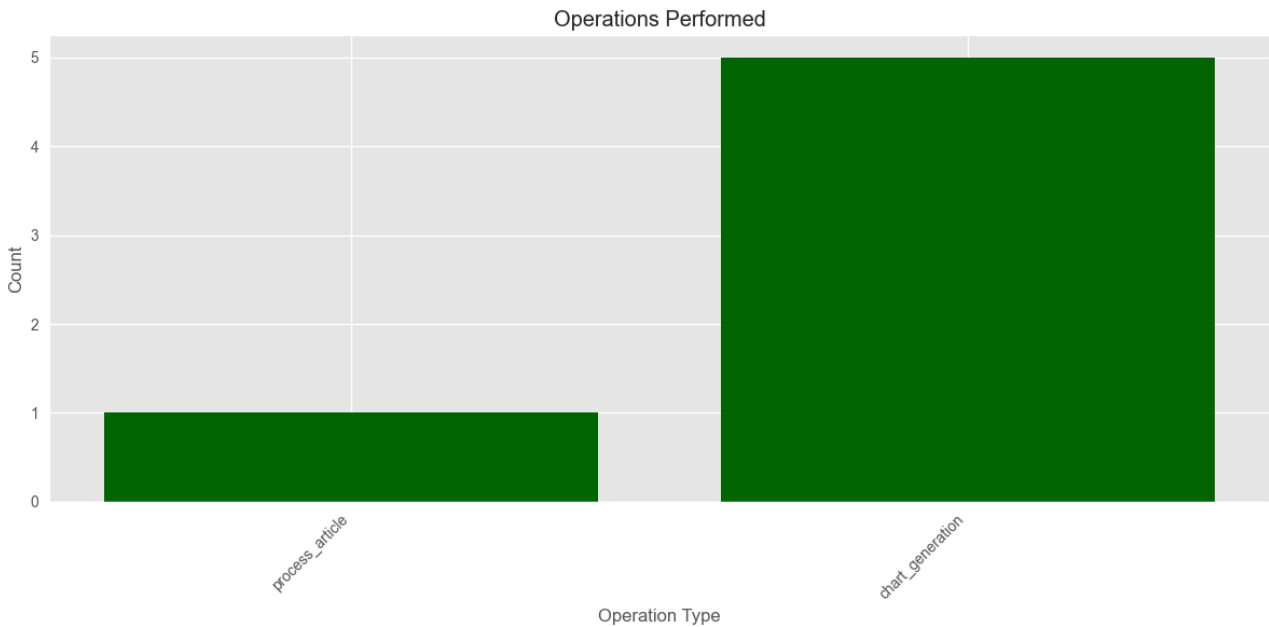
## Function Analysis

### Top 15 Functions by Chatbot Usage

Function	Chatbot Calls
analyze_entity_sentiment	3072
process_stakeholder_info	896
generate_topics_output	456
extract_categories	449
generate_analytics_output	448
generate_issue_analysis_output	375
translate_content	368
filter_relevant_articles	227
extract_metadata	227
generate_insights_output	224
extract_organizations	224
extract_people	224
generate_consolidated_stakeholder_analysis	210
generate_markdown_report	6
analyze_sentiment_period	4



Operations Analysis



Operation Timeline

Timestamp	Operation	Execution Time (s)
14:10:38	process_article	4.33
16:33:25	chart_generation	0.13
16:33:28	chart_generation	0.37
16:33:35	chart_generation	0.10
17:54:33	chart_generation	0.20
17:54:34	chart_generation	0.13

Performance Analysis

Average Response Times by Model

Model	Average Response Time (s)
chatgpt-4o-latest	4.99
gpt-4o-mini	1.97

Additional Notes

- This report provides a summary of the program execution metrics and resource usage.
- Token counts are estimated based on standard approximations.
- For detailed logs, refer to the tracker.log file in the ProgramSummaries directory.
- Estimated costs are based on approximate OpenAI pricing and may not reflect actual billing.
- Performance figures are measured on this specific run and may vary based on system load and network conditions.