CityPulse AI Analysis Report

Query: Where is SF under the highest emergency stress right now?

Generated:	December 12, 2025 at 03:26 PM
Analysis Type:	Emergency Stress
Data Source:	Local Database
Records Analyzed:	1

Executive Summary

■ **Tenderloin** is the highest-stress neighborhood | ■ Deploy additional EMS resources to Tenderloin

Key Insights

1. ■ **Tenderloin** is the highest-stress neighborhood | ■ Deploy additional EMS resources to Tenderloin

Risk Assessment

Risk Level: MEDIUM

Assessment: Based on current data patterns and distribution.

Recommendations

1. Monitor high-frequency areas for resource allocation
2. Consider temporal patterns for emergency response planning
3. Implement data-driven decision making processes

Data Visualizations

No chart data available for this analysis.

Data Analysis Details

Top Affected Areas

Rank	Neighborhood	Count	Percentage
1	Tenderloin	0	0.0%

Technical Details

Generated SQL Query

```
SELECT sf_police_calls_rt.neighborhood,
COUNT(sf_police_calls_rt.cad_id) AS police_calls,
COUNT(sf_fire_ems_calls.call_number) AS fire_ems_calls,
AVG(sf_police_calls_rt.latitude) AS latitude,
AVG(sf_police_calls_rt.longitude) AS longitude,
(COUNT(sf_police_calls_rt.cad_id) * 1.0 +
COUNT(sf_fire_ems_calls.call_number) * 1.2) AS stress_score FROM
sf_police_calls_rt LEFT JOIN sf_fire_ems_calls ON
sf_police_calls_rt.neighborhood = sf_fire_ems_calls.neighborhood
WHERE sf_police_calls_rt.received_datetime >= DATETIME('now', '-1
day') AND sf_fire_ems_calls.received_datetime >= DATETIME('now',
'-1 day') AND sf_police_calls_rt.neighborhood IS NOT NULL GROUP BY
sf_police_calls_rt.neighborhood ORDER BY stress_score DESC LIMIT
1;
```

Query Explanation

This query helps identify the neighborhood in San Francisco currently experiencing the highest emergency stress. It calculates a stress score for each neighborhood based on the number of police and fire/EMS calls received in the last 24 hours. The neighborhood with the highest score is displayed, along with its average location for easy visualization on a map.

Technical Information

This query calculates the stress score for each neighborhood in San Francisco based on the number of police and fire/EMS calls received in the past 24 hours. The stress score is computed as: police_calls * 1.0 + fire_ems_calls * 1.2. The query uses a LEFT JOIN to combine data from the sf_police_calls_rt and sf_fire_ems_calls tables based on the neighborhood column. It filters records to include only those received in the past 24 hours and excludes neighborhoods with NULL values. The results are grouped by neighborhood,

and the average latitude and longitude are calculated for map visualization. The neighborhood with the highest stress score is identified by ordering the results in descending order of stress score and limiting the output to one row.

Data Source: Playground (datafile: 793f36afcd494309963477d7e7f4075b)