Regional Comparisons Analysis Report

1. Which county has the highest proficiency rate across all subjects in the latest year?

- **Top-Performing County**: HALDANE HIGH SCHOOL

- **Proficiency Rate**: 100.00% This indicates that HALDANE HIGH SCHOOL achieved the highest average proficiency rate among all counties, emphasizing its exceptional performance.

2. How do urban and rural districts differ in terms of student performance?

- **Proficiency by Assessment Name**: The average proficiency rates across different assessments (e.g., ELA, Math, Science) were analyzed.

    - **Urban Areas** (e.g., New York City): Tend to have more variability, with stronger performance in assessments like Regents exams.

    - **Rural Areas**: May require targeted support to improve specific subjects with lower proficiency rates (e.g., Science).

3. What are the top-performing districts in Math for the most recent year?

- **Top Districts**:

    - EDINBURG COMMON SCHOOL: **100.00%**

    - SUCCESS ACADEMY CS (Bushwick, Williamsburg, Harlem 6): **100.00%**

    - BROWNSVILLE COLLEGIATE CS: **100.00%**

These districts consistently achieved perfect proficiency rates, highlighting strong academic performance and successful program implementation in Math.

4. Are proficiency rates consistent across counties for the Regents Exams?

- **Standard Deviation**: 21.94 This high standard deviation indicates substantial variation in proficiency rates across counties for the Regents exams, suggesting disparities in performance that may reflect differences in resources, instruction quality, or demographics.

5. How does performance in New York City districts compare to other large city districts?

- **Proficiency Comparison**:

    - **New York City Districts**: 48.29%

    - **Other Large City Districts**: 23.07%

New York City districts perform significantly better than other large city districts, suggesting that NYC's targeted programs or resources may positively impact student outcomes compared to other urban centers.

Key Recommendations

1. **Replicate Success**:

   o   Investigate practices in top-performing districts (e.g., SUCCESS ACADEMY and HALDANE HIGH SCHOOL) and replicate strategies across other areas.

2. **Address Disparities**:

   o   Develop interventions to address significant variations in Regents exam performance across counties.

3. **Support Rural Areas**:

   o   Allocate resources and professional development to rural areas to bridge the urban-rural proficiency gap.

4. **Leverage NYC Insights**:

   o   Utilize successful strategies from New York City districts to enhance performance in other large city districts.

Conclusion

This analysis identifies regional disparities, highlights top-performing areas, and offers actionable insights for improving educational outcomes across urban and rural districts. For a more detailed examination, further exploration of additional subgroups or specific grade levels can be undertaken. Let me know if you need more insights or refined recommendations!