
ATTENDANCE VS. PERFORMANCE IN THE PUBLIC SCHOOL DISTRICTS IN OHIO'S FOUR LARGEST CITIES

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This document compares the academic performance of each high school versus student attendance in the four largest Ohio cities' public school districts. The districts include: Cincinnati Public Schools, Cleveland Municipal Schools, Columbus City Schools, and Toledo City Schools. The performance data used in the analysis is from the Performance Index Scores for the tenth graders who took the March 2011 Ohio Graduation Test, and the attendance percentages are from the Local Report Card Data for grades nine through twelve.

Summary

It is logical that schools with higher attendance would have better academic performance. To see if this is the case, please refer to the attached scatter charts.

The scatter charts for Toledo and Cleveland show the strongest positive correlations between attendance and academic performance. The correlations for each school district are: Toledo (0.964), Cleveland (0.844), Columbus (0.491), and Cincinnati (0.144).

The schools that are left and above the regression line show stronger academic performance relative to their attendance figures. The schools that are below the line and to the right have weaker academic performance. Four schools from the Cleveland Municipal School District that outperformed their attendance figures are: John Marshall, Collinwood, James Ford Rhodes, and Ginn Academy. The outliers that should have higher academic performance based on their attendance values include the following schools: Columbus Global Academy, Independence, and Linden-McKinley from the Columbus City School District; and, Hughes STEMM, Virtual, and Withrow International from the Cincinnati Public School District.

Again, logically, strong attendance figures should yield strong academic performance. *When the correlations for Toledo and Cleveland make logical sense, why don't Cincinnati and Columbus have similar results?*

Additional Comments

Note that this is not a direct, apples-to-apples comparison. A better analysis would include the attendance percentages for only tenth graders. Also note that only schools that were "selectable" are included, rather than schools that may have been assigned to a student for disciplinary or special requirement reasons.

Additional Analysis

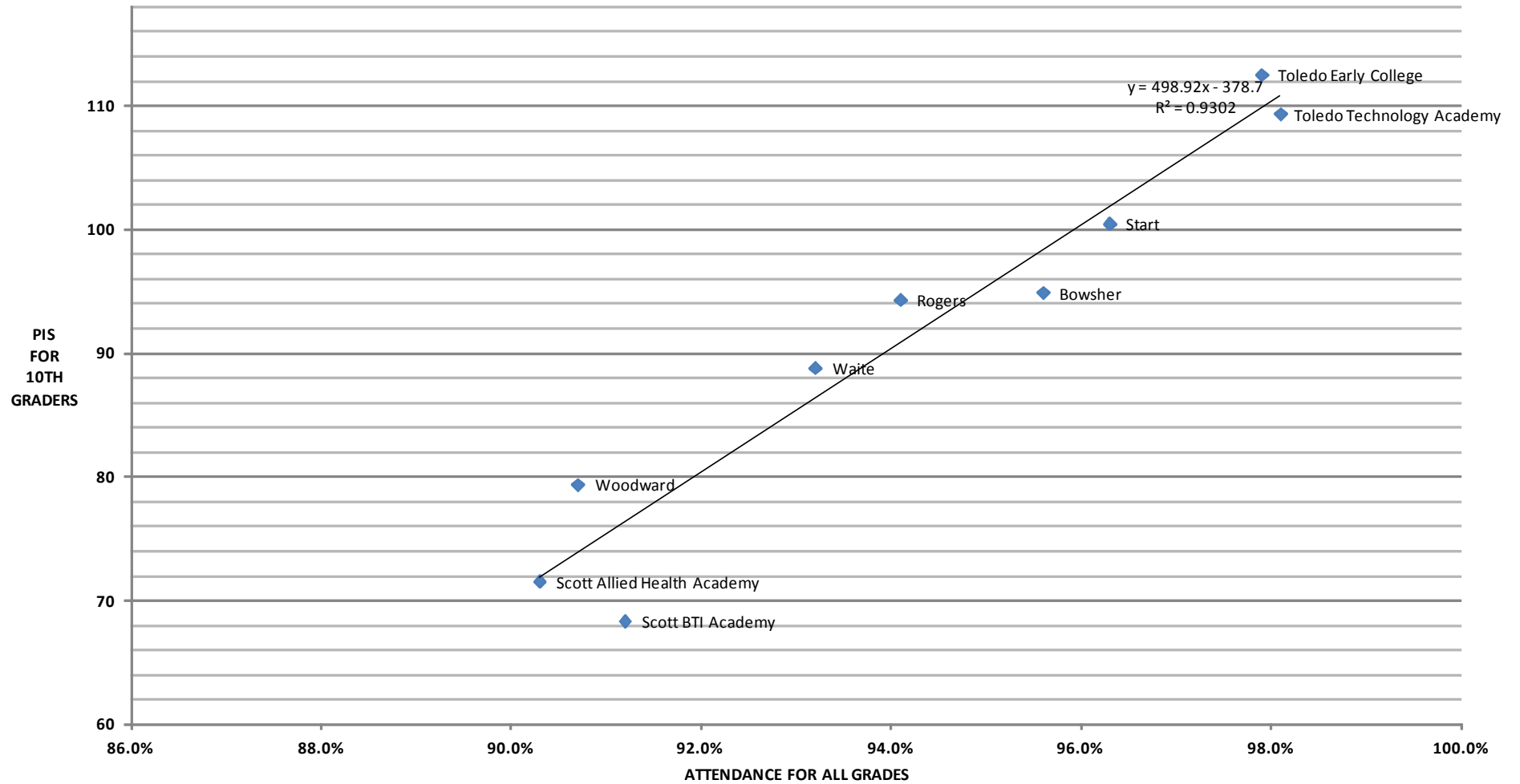
For additional high school education analysis, click on the following link:

<http://www.GerberAnalytics.com/oqt/oqt.php>

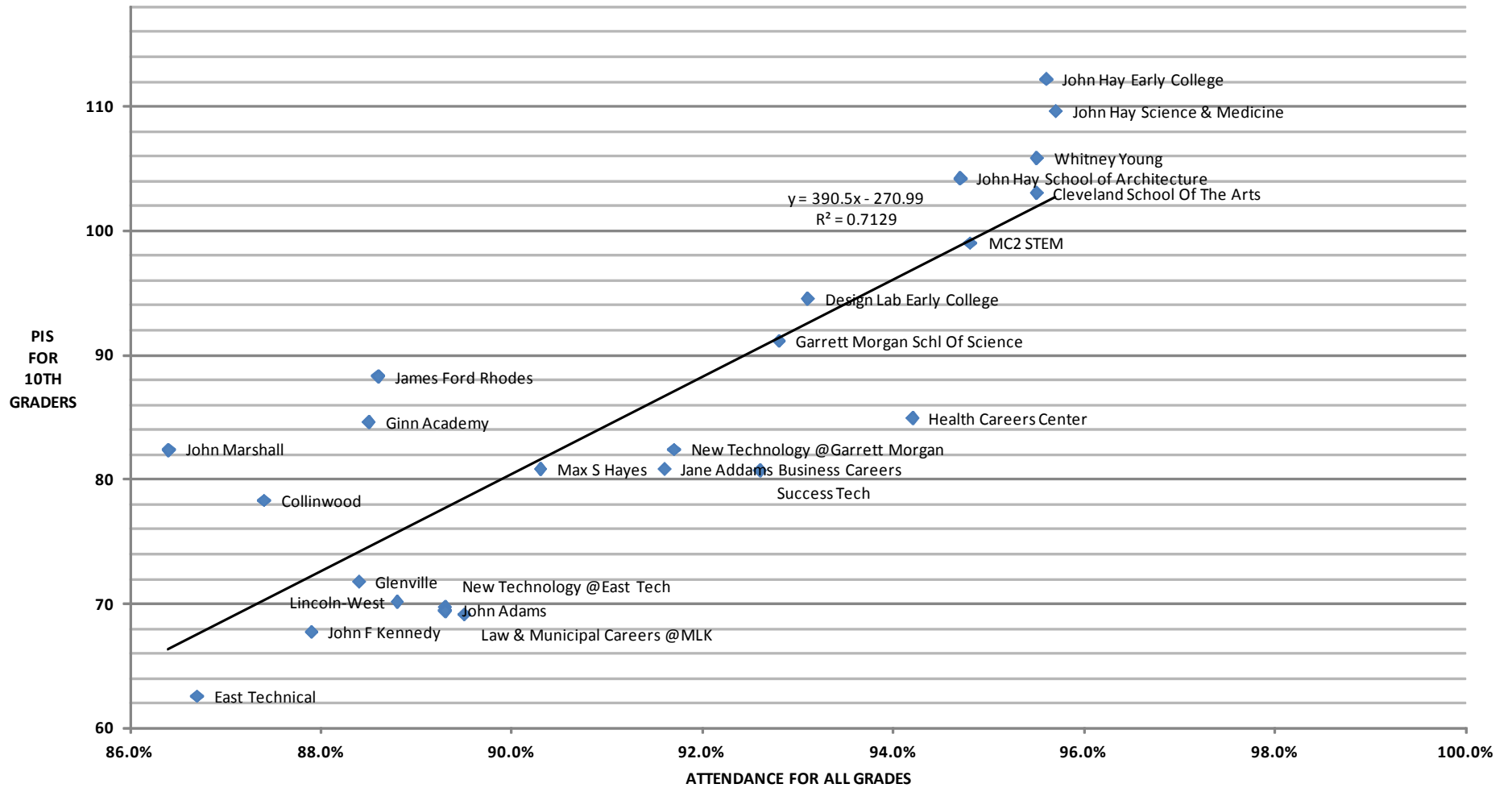
Analysis specific to the four largest Ohio cities' public school districts is available via this link:

http://www.GerberAnalytics.com/oqt/oqt_large_city.php

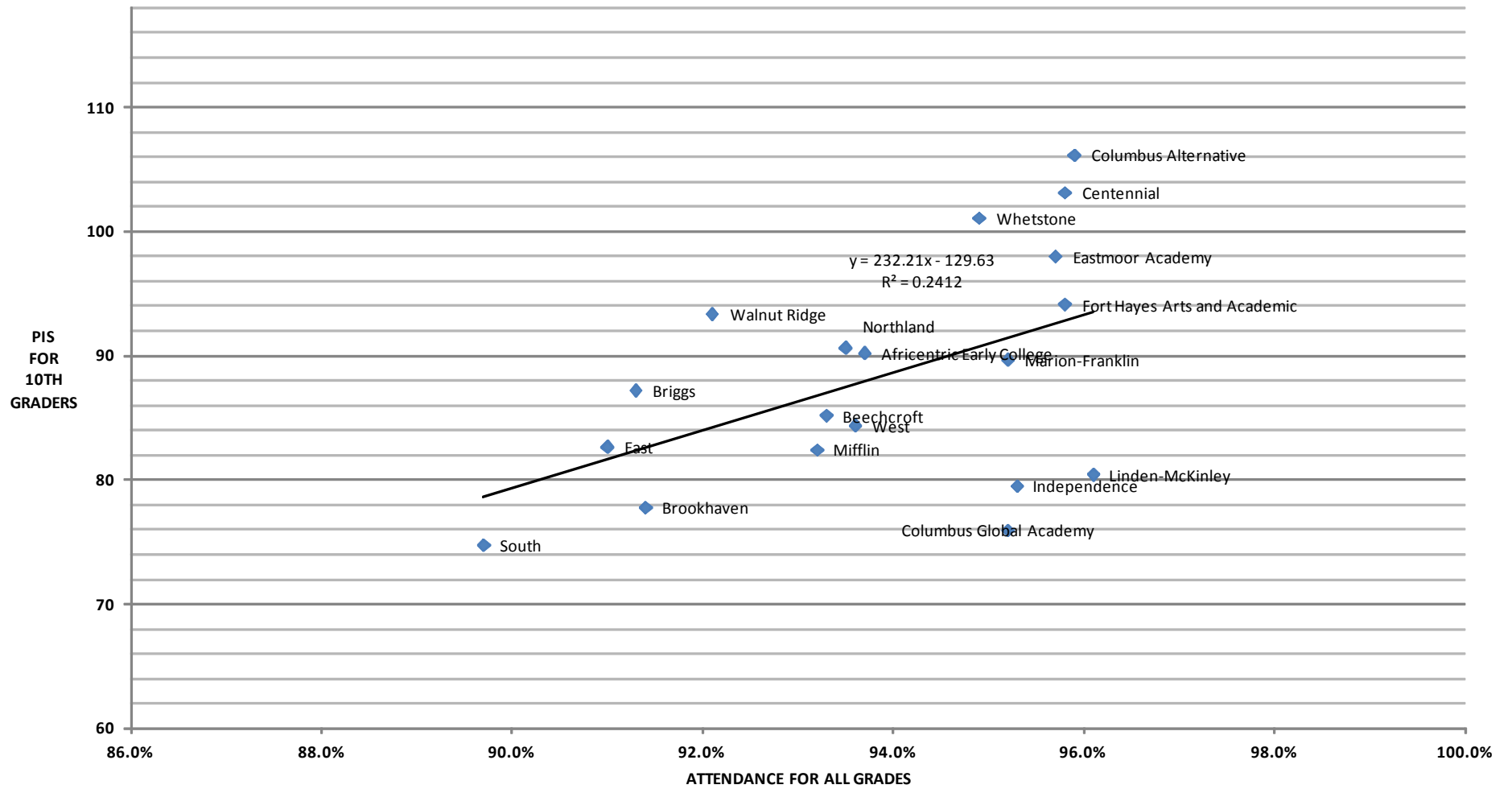
TOLEDO CITY SCHOOLS CORRELATION OF PERFORMANCE VS. ATTENDANCE



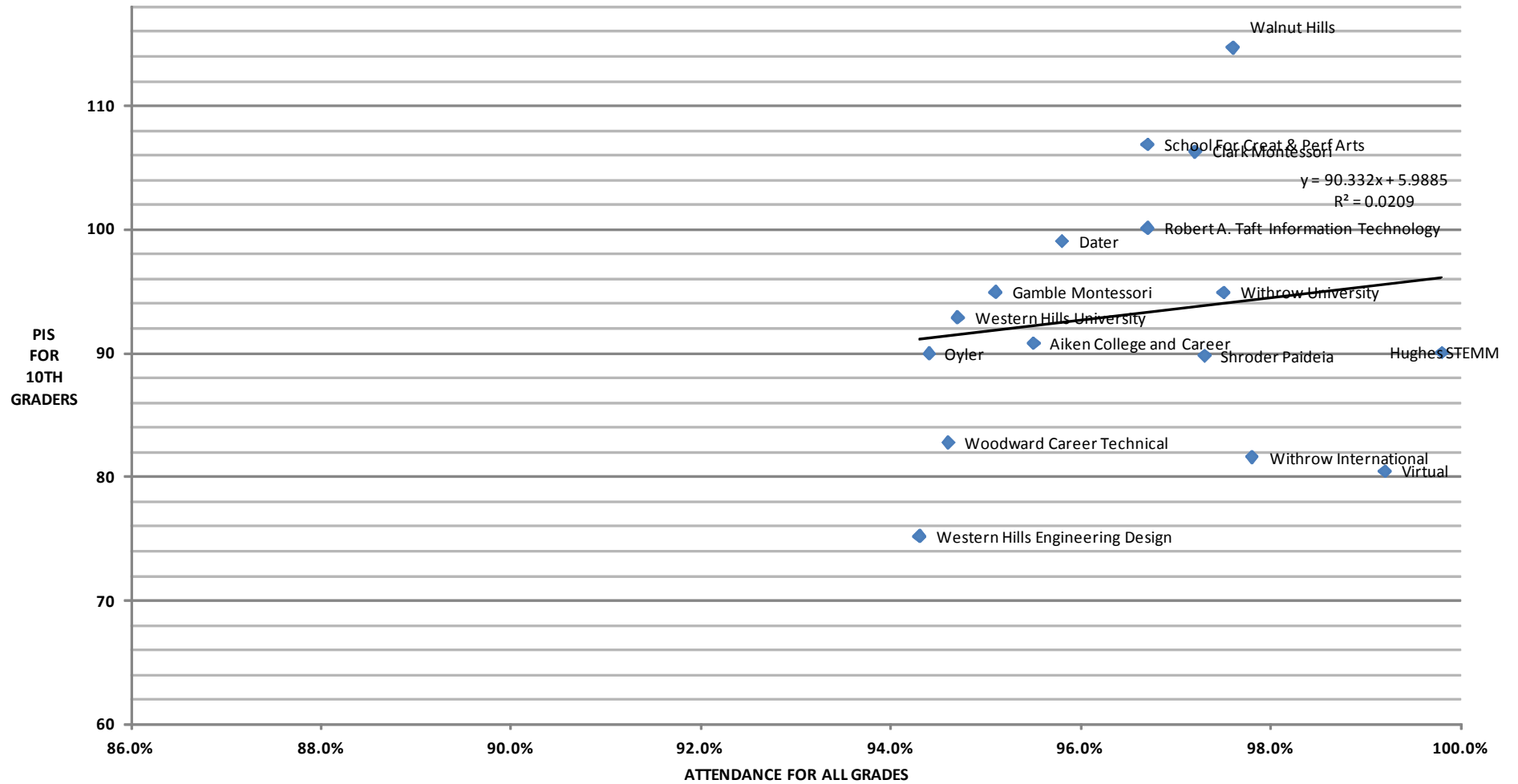
CLEVELAND MUNICIPAL SCHOOLS CORRELATION OF PERFORMANCE VS. ATTENDANCE



COLUMBUS CITY SCHOOLS CORRELATION OF PERFORMANCE VS. ATTENDANCE



CINCINNATI PUBLIC SCHOOLS CORRELATION OF PERFORMANCE VS. ATTENDANCE



OHIO'S LARGEST PUBLIC SCHOOL DISTRICTS CORRELATION OF PERFORMANCE VS. ATTENDANCE

