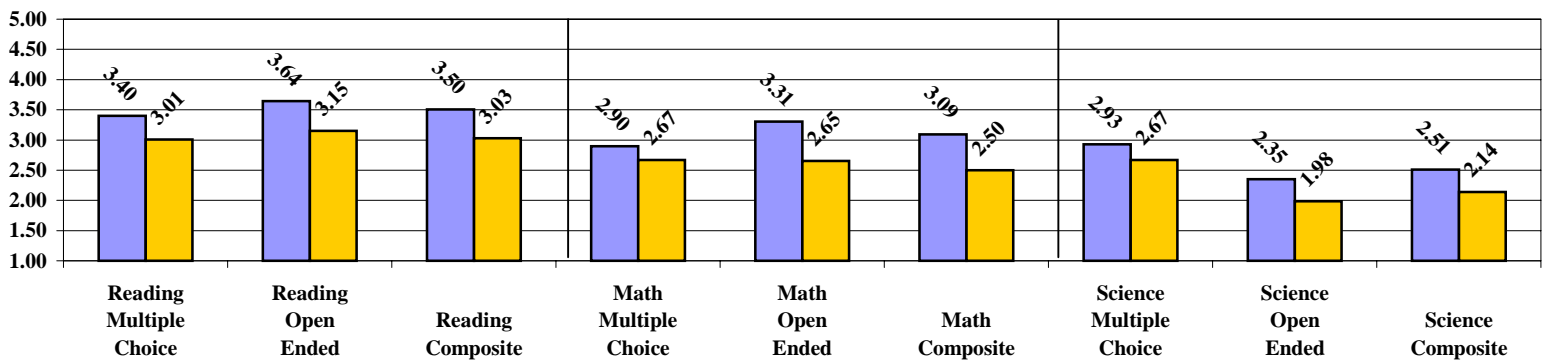


1998 SAT 9 Charts

CHART 1-A

Average Stanford 9 Achievement Test Scores for
 All 10 Philadelphia IMP Schools
 IMP vs TRAD
 All 11th Grade Students Included
 Advanced, SPED, MG, ESOL and * Students Included
 Test Date: April 1998

■ IMP Scores (n=407)
 ■ TRAD Scores (n=2200)



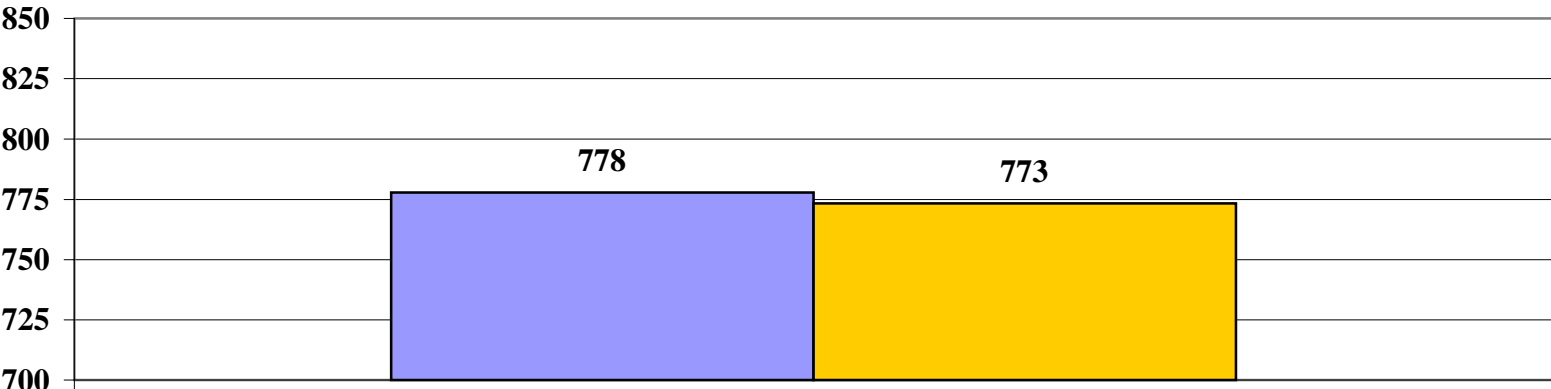
This chart represents the average Stanford 9 Achievement Test (SAT-9) scores for all 10 Philadelphia IMP schools who took the SAT-9s. The students in this analysis were 11th graders during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students, including ESOL, SPED, MG and * students (students who did not take at least one section of the test). Also included are Advanced Traditional Students who have taken 1 or 2 extra math courses.

CHART 1-B

**Average CTBS Scores for
All 10 Philadelphia IMP Schools
IMP vs TRAD**

■ IMP Students (n=232)
■ TRAD Students (n=1018)

**Only 11th Grade Students with CTBS Scores Included
Advanced, SPED, MG, ESOL and * Students Included
Test Date: April 1998**



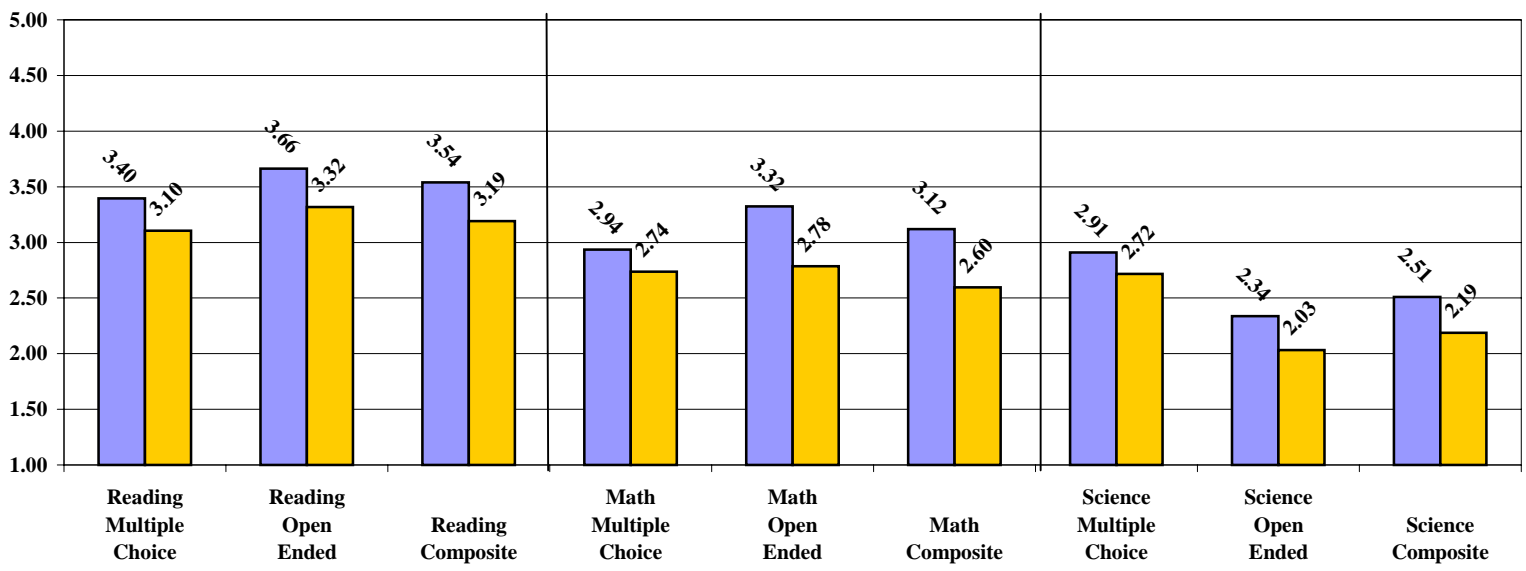
Average CTBS Scores

This chart represents the average 8th Grade CTBS scores for all 10 Philadelphia IMP schools and students who participated in the Stanford 9 Achievement tests and who have CTBS scores on record. The students in this survey were 11th graders during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students, including ESOL, SPED, MG and * students (students who did not take at least one section of the SAT-9 test). Also included are Advanced

CHART 1-C

**Average Stanford 9 Achievement Test Scores for
All 10 Philadelphia IMP Schools
IMP vs TRAD
Only 11th Grade Students with CTBS Scores Included
Advanced, SPED, MG, ESOL, and * Students Included
Test Date: April 1998**

IMP Scores (n=232)
TRAD Scores (n=1018)

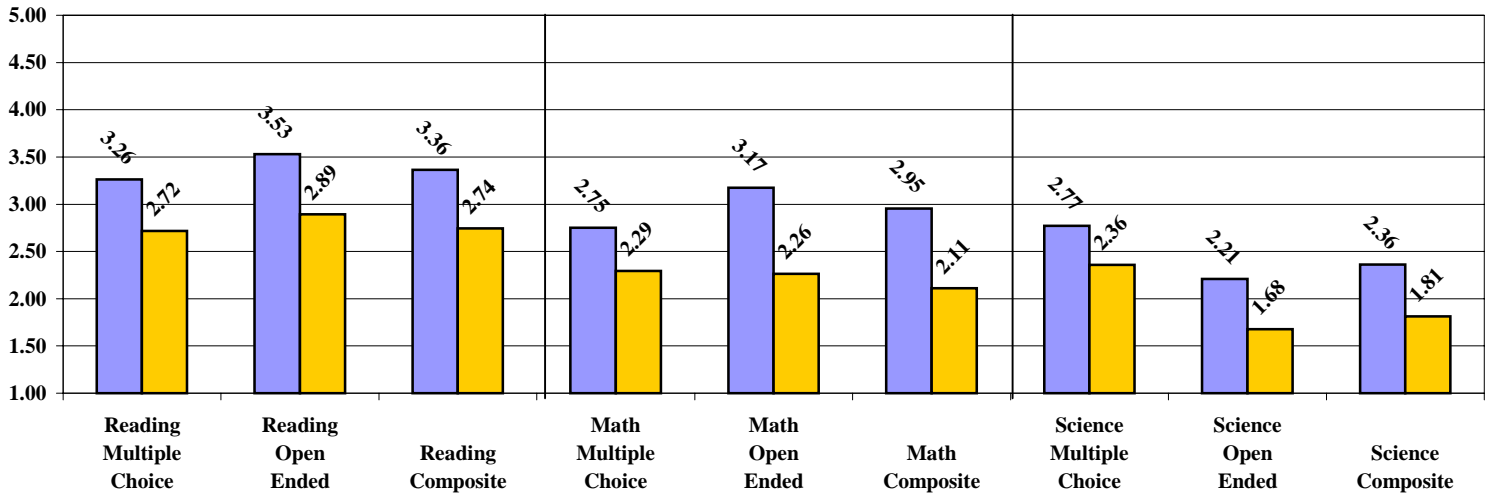


This chart represents the average Stanford 9 Achievement Test (SAT-9) scores for all 10 Philadelphia IMP schools. The students in this survey were 11th graders during the 1997-1998 school year and also had 8th Grade CTBS Scores. Included in the survey are all students, including ESOL, SPED, MG and * students (students who did not take at least one section of the SAT-9 test). Also included are Advanced Students who have taken 1 or 2 extra math courses.

CHART 2-A

**Average Stanford 9 Achievement Scores for
All 10 Philadelphia IMP Schools
IMP vs TRAD
All 11th Grade Students Included
Except for Advanced, SPED, MG, and ESOL Students
Test Date: April 1998**

■ IMP Scores (n=355)
■ TRAD Scores (n=1672)

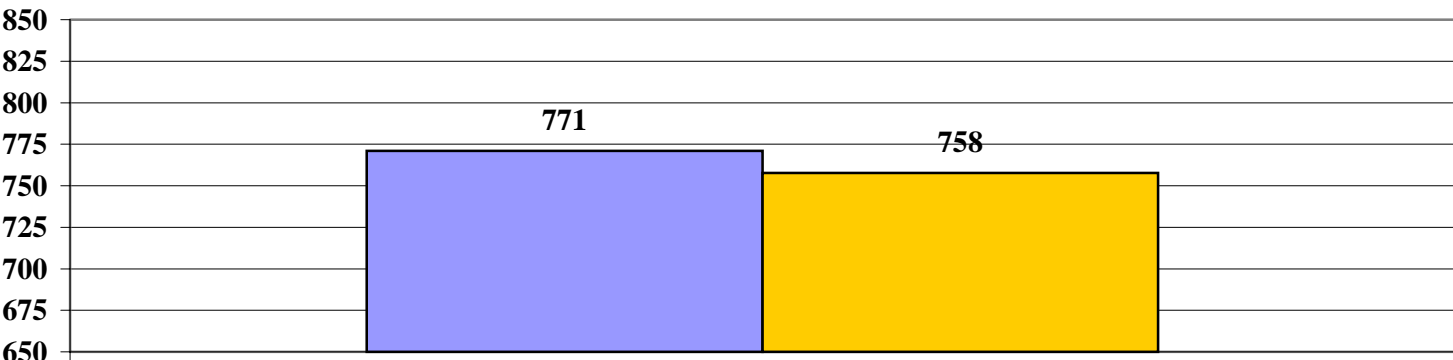


This chart represents the average Stanford 9 Achievement Test scores for all 10 Philadelphia IMP schools. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 2-B

**Average CTBS Scores for
All 10 Philadelphia IMP Schools
IMP vs TRAD
All 11th Grade Students with CTBS Scores Included
Except Advanced, SPED, MG, and ESOL Students
Test Date: April 1998**

■ IMP Students (n=194)
■ TRAD Students (n=761)



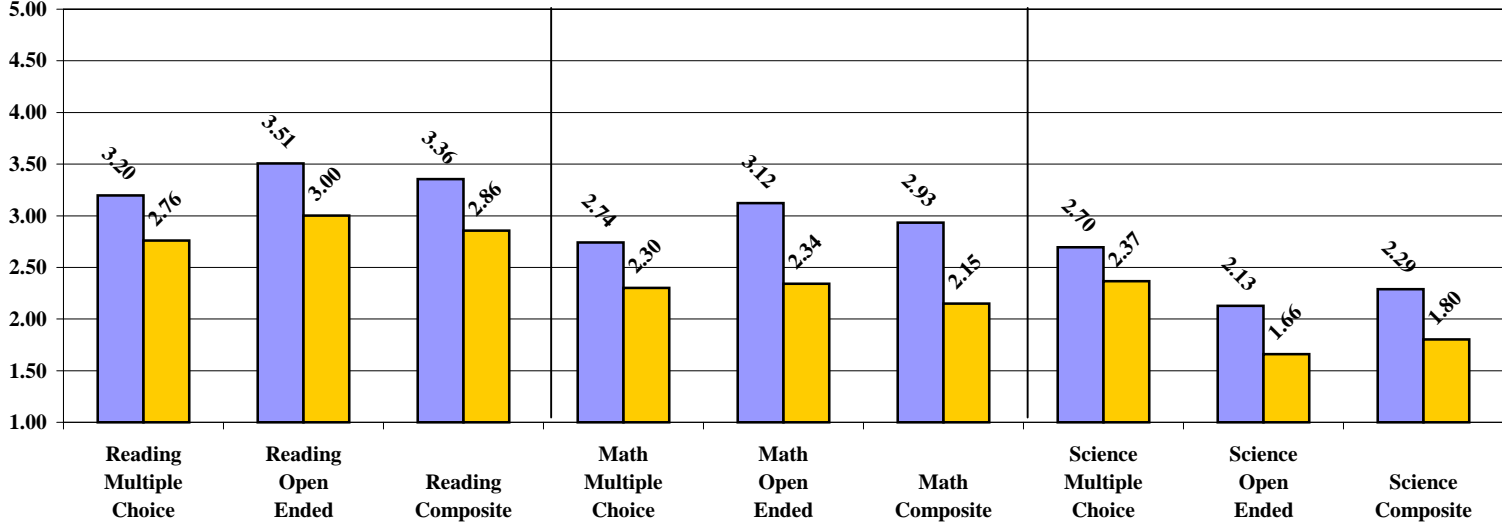
Average CTBS Scores

This chart represents the average 8th grade CTBS scores for all 10 Philadelphia IMP schools and students who participated in the Stanford 9 Achievement Tests and who have CTBS scores on record. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 2-C

Average Stanford 9 Scores for
All 10 Philadelphia IMP Schools
IMP vs TRAD
All 11th Grade Students with CTBS Scores Included
Except Advanced, SPED, MG, and ESOL Students
Test Date: April 1998

■ IMP Scores (n=194)
■ TRAD Scores (n=761)

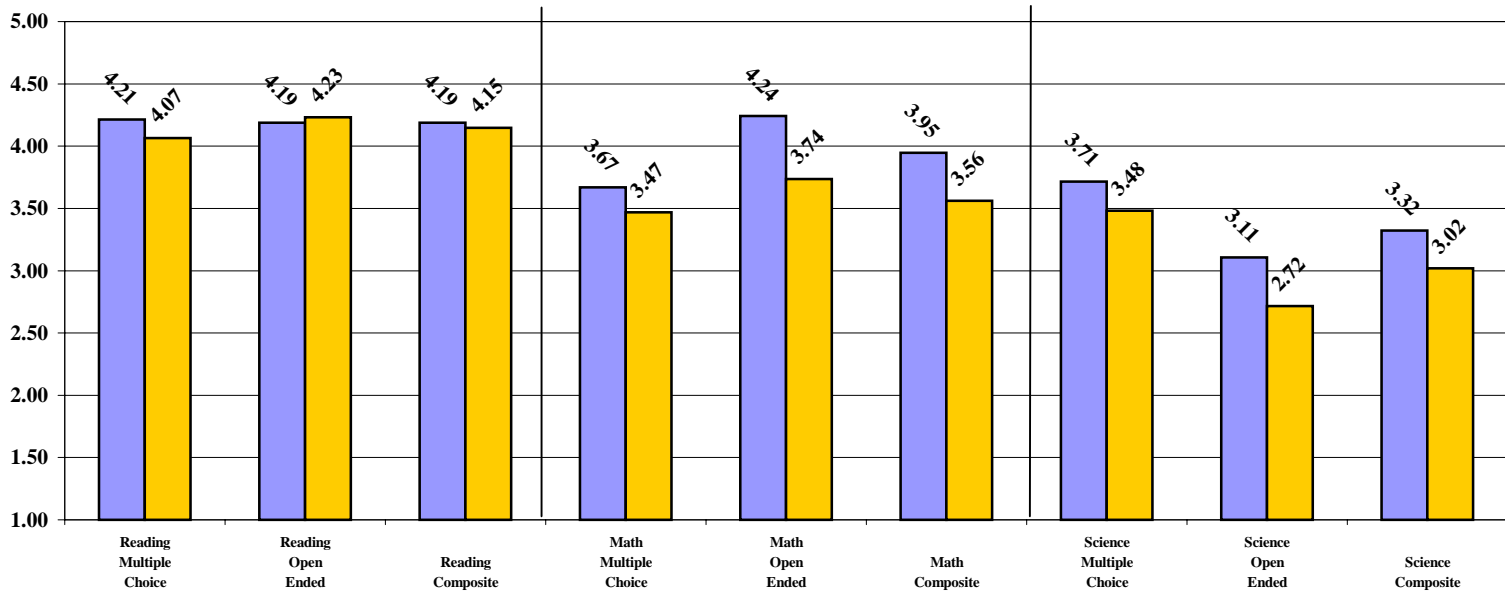


This chart represents the average Stanford 9 Achievement Test scores for all 10 Philadelphia IMP schools who also had 8th Grade CTBS Scores. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 3-A

Average Stanford 9 Scores for
Carver, Central and Girls' High Schools
IMP vs TRAD
All Students Included
Except MG, *, ESOL and Advanced
Test Date: April 1998

■ IMP Scores (n=112)
■ TRAD Scores (n=430)

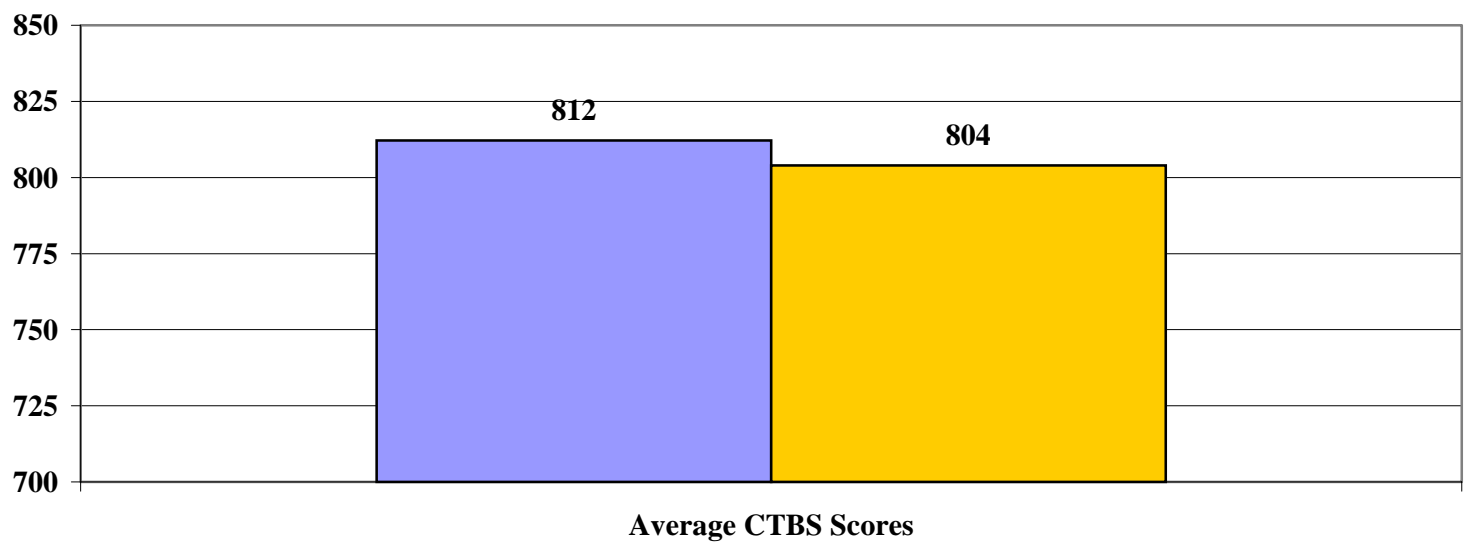


This chart represents the average Stanford 9 Achievement Test scores for Carver, Central and Girls' high schools. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 3-B

**Average CTBS Scores for
Carver, Central and Girls' High Schools
IMP vs TRAD
All Students with CTBS Scores Included
Except MG, ESOL, Advanced and * Students
Test Date: April 1998**

■ IMP Students (n=56)
■ TRAD Students (n=178)

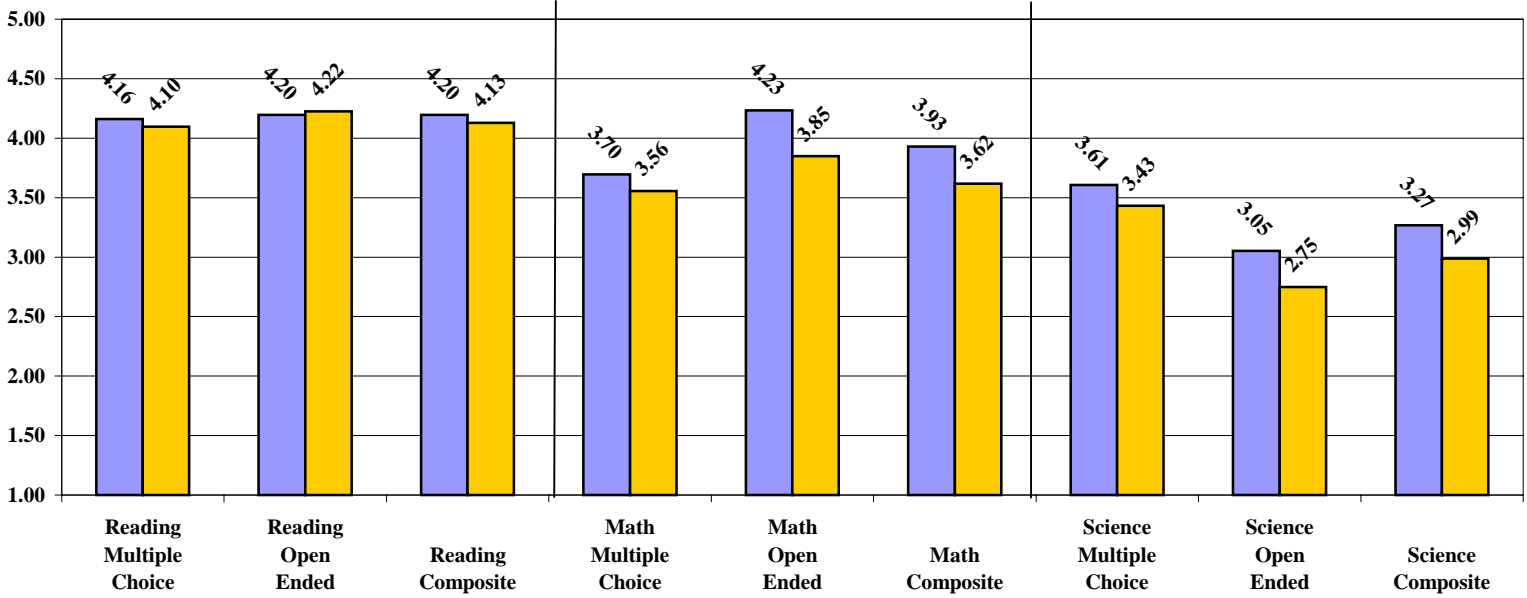


This chart represents the average 8th grade CTBS scores for Carver, Central and Girls' high schools and students who participated in the Stanford 9 Achievement Tests. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 3-C

Average Stanford 9 Scores for
Carver, Central and Girls' High Schools
IMP vs TRAD Algebra
All Students with CTBS Scores Included
Except MG, *, ESOL and Advanced
Test Date: April 1998

■ IMP Scores (n=56)
■ TRAD Scores (n=178)

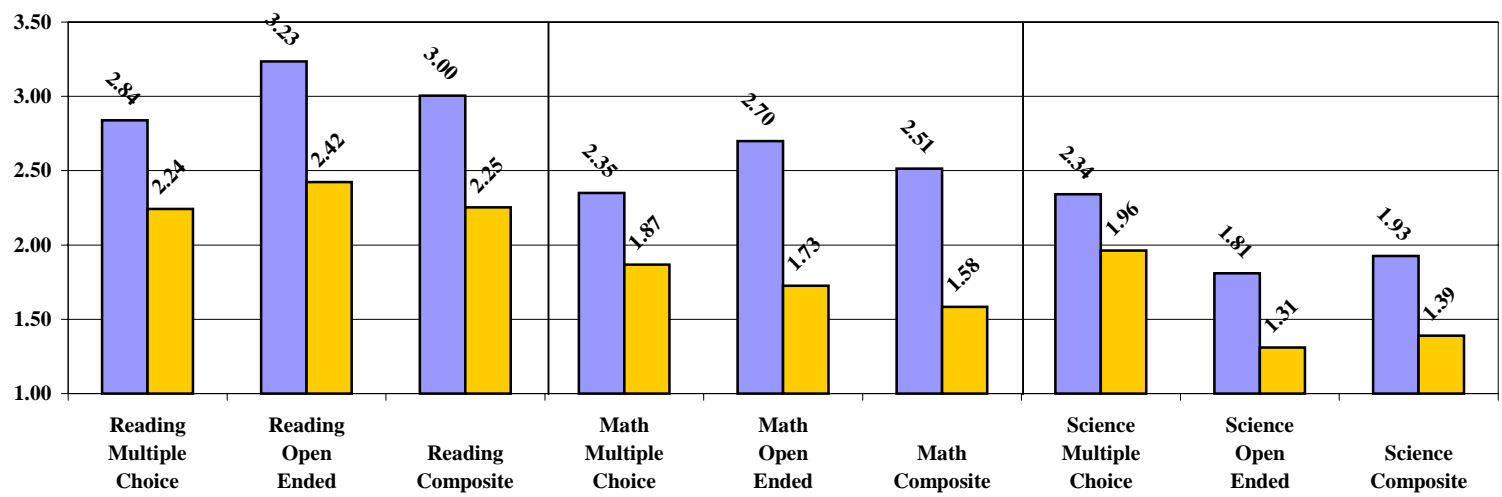


This chart represents the average Stanford 9 Achievement Test scores for Carver, Central and Girls' high schools and those students who also had 8th Grade CTBS scores. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 4-A

**Average Stanford 9 Scores for
Philadelphia IMP Comprehensive Schools
IMP vs TRAD
All 11th Grade Students Included
Except ESOL, SPED, MG and Advanced Students
Test Date: April 1998**

■ IMP Scores (n=243)
■ TRAD Scores (n=1212)

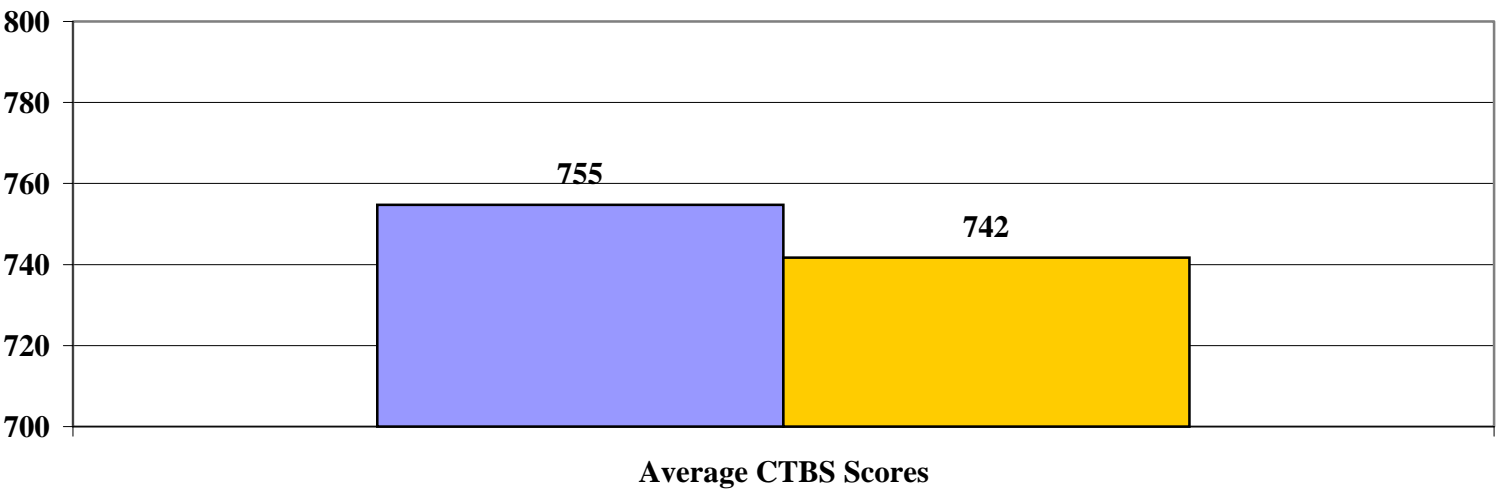


This chart represents the average Stanford 9 Achievement for Philadelphia Comprehensive high schools. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 4-B

**Average CTBS Scores for
Philadelphia IMP Comprehensive Schools
IMP vs TRAD
All 11th Grade Students with CTBS Scores Included
Except ESOL, SPED MG and Advanced Students
Test Date: April 1998**

■ IMP Students (n=138)
■ TRAD Students (n=568)



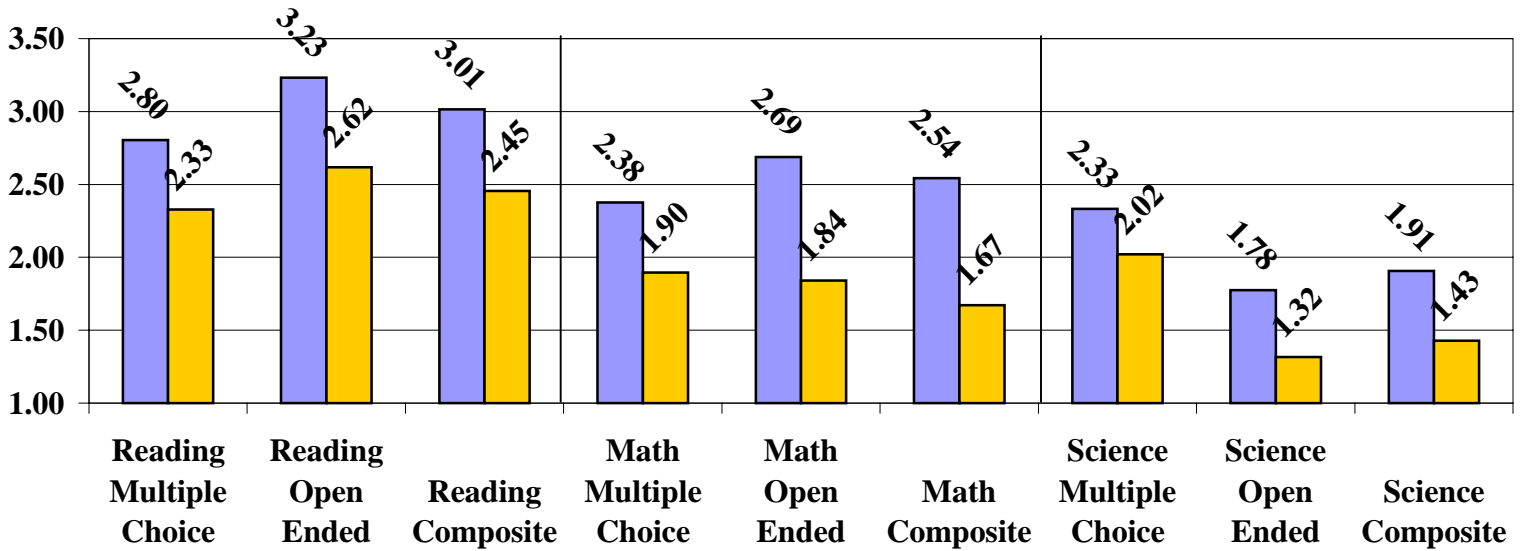
This chart represents the average 8th grade CTBS scores for All Philadelphia Comprehensive IMP schools and students who participated in the Stanford 9 Achievement Tests. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).

CHART 4-C

Average Stanford 9 Achievement Test Scores for Philadelphia IMP Comprehensive Schools
IMP vs TRAD

All 11th Grade Students with CTBS Scores Included
Except ESOL, SPED, MG and Advanced Students
Test Date: April 1998

■ IMP Scores (n=138)
■ TRAD Scores (n=568)



This chart represents the average Stanford 9 Achievement Test Scores for Philadelphia Comprehensive IMP high schools and those students who also had 8th Grade CTBS scores. The students in this analysis were 11th grade students during the 1997-1998 school year. Included in the analysis are all IMP and traditionally taught students. Excluded are ESOL, SPED, MG and Advanced Students (students who have taken 1 or 2 extra math courses).