## OFFICE OF THE ASSISTANT SUPERINTENDENT FOR EDUCATIONAL SERVICES

TO: DR. MIKE RIGGLE<br>FROM: DR. ROSANNE WILLIAMSON<br>SUBJECT: DASHBOARD REPORT - STUDENT ACHIEVEMNT, STUDENT AND TEACHING STAFF DEMOGRAPHICS<br>DATE: NOVEMBER 6, 2013<br>CC: BOARD OF EDUCATION

At the November 12 Board meeting, we will bring pertinent data related to student achievement, student demographics and teaching staff demographics.

In each area we are incorporating ten years of data so that trends can been identified. Following the Board meeting we will post the dashboard reports on the website.

## STUDENT ACHIEVEMENT

- Graduation rates continue to remain high despite recent Federally mandated changes in how this rate is calculated. Students in the transition program no longer count as graduates in calculating the graduation rate. The 2013 district average is $97.4 \%$.
- The percentage of students attending college at both schools has consistently been between $96 \%$ and $97 \%$.
- Composite ACT scores at both schools continue to remain high for the class of 2013 in comparison to the ten-year trend.
- Efforts have been in place at both schools to address the needs of special education students, limited English proficient students and low income \& Hispanic students at GBS. These groups of students have performed at a level below that of their white and Asian counterparts. Because of the relatively small size of these subgroups of students in the junior class who participate in State assessments, there has been greater fluctuation in the academic performance of students in these subgroups.
- AP participation has steadily increased since 2004 at both schools while the percentage of students potentially qualifying for college credit remains around $90 \%$.


## STUDENT ENROLLMENT

- Total student enrollment has grown $2.6 \%$ over the last 10 years, increasing from 4703 students in 2004 to 4823 students in 2013. District enrollment is projected to increase over the next 5 years, with 5233 students in 2019 , an increase of $8.5 \%$ as compared to this year's population; however, projections beyond three years can be volatile.
- Although overall District enrollment is expected to grow, GBN enrollment has decreased by approximately $0.71 \%$ from 2102 students in 2004 to 2087 in 2014. Enrollment at GBN is projected to decrease, with 1991 students in the year 2019.
- GBS student enrollment has grown by approximately $5.2 \%$, increasing from 2601 students in 2004 to 2736 students in 2014. Enrollment at GBS is projected to steadily increase, with 3242 students in 2019; however, projections beyond three years are likely to change.


## STUDENT DEMOGRAPHICS

- The overall ethnic makeup of the Glenbrook student population is approximately: $73.2 \%$ White, $16.0 \%$ Asian, $6.8 \%$ Hispanic, $2.8 \%$ Multi-racial, $0.8 \%$ Black and $0.2 \%$ Native American. The Hispanic population has grown by $2.8 \%$ over the last ten years and the White population has dropped by $5.9 \%$ in that same period. Other populations have fluctuated slightly over the past three years.


## ATTENDANCE/DROPOUT RATES

- Student attendance rates have been consistently above the State average. The District's dropout rate has increased slightly from $0.1 \%$ to $0.3 \%$ as the State no longer considers students in the transition program as graduated after four years of high school. These statistics reflect the comprehensive programs (Guided Studies, Study Skills, TEAM, special education services, student assistance teams, Glenbrook Evening School, OffCampus, etc.) provided by the District that are designed to support students and ensure their success.


## SPECIAL EDUCATION

- The percentage of special education enrollment in the district has grown from $10.85 \%$ in 2003 to $11.88 \%$ in 2012 but has remained below state ( $13.8 \%$ ) and NSSED (14.2\%) levels. State and NSSED numbers include students in grades K-12.


[^0]
Average English ACT Score
Glenbrook High Schools



* Math ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested more than once, only their most recent test scores, not necessarily their highest scores, are used. Note: Starting in 2013 the ACT scores include students who tested with accomodations.



[^1]
## Average Reading ACT Score



* Science Reasoning ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a
student tested more than once, only their most recent test scores, not necessarily their highest scores, are used. Note: Starting in 2013 the ACT scores include
students who tested with accomodations.

Average Science Reasoning ACT Score
Glenbrook High Schools



* ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested more than once, only their most recent test scores, not necessarily their highest scor.es, are used. Note: Starting in 2013 the ACT scores include students who tested with accomodations.

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*ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested more than once, only their most recent test scores are used.
Average English ACT Score (By Ethnicity)


*ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested more than once, only their most recent test scores are used.
Average Math ACT Score (By Ethnicity)
Hispanic


| Average Reading ACT Score by Ethnicity 2004-2013 <br> Glenbrook High Schools |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 30282624$22-$$20-$$18-$1614$12-$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | $\rightarrow$ White$\rightarrow$ AsianPPacificIslander$\rightarrow$ Hispanic |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |  |
| School Year |  |  |  |  |  |  |  |  |  |  |

*ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested more than once, only their most recent test scores are used.


*ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested more than once, only their most recent test scores are used.
Average Science ACT Score (By Ethnicity)


Advanced Placement Exams

| Number of Advanced Placement Exams Taken 2004-2013 Glenbrook High Schools |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | -GBN -GBS |
|  | 2004 | 2005 | 2006 | $2007$ | $\begin{aligned} & 2008 \\ & \text { Schod } \end{aligned}$ |  | $2010$ | $2011$ | $2012$ | $2013$ |  |


The test scores range 0-5.
Teaching Staff Gender Distribution

Teaching Staff Gender Distribution



|  | Teachers with Master's Degrees and Above |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 100.0\% <br> 80.0\% <br> 60.0\% <br> 40.0\% |  |  |  |  |  |  |  |  |  |  |  |  |
|  | School Year |  |  |  |  |  |  |  |  |  |  |  |  |




Note：Counts are as of October each year．


## School Year <br> School Year

Certified Staff Lane Position





Certified NonTenured Staff Turnover By Reason

Certified Staff Reaching Tenure After Four Years of Service (beginning with certfied staff hired in 2004-2005)

| - Number of Teachers Hired |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| -41 | 42 | 26 | 31 | 26 | 28 | 9 | 20 | 17 | 20 |
| - Number of Teachers Hired on a Tenure Track *(Full-Time) |  |  |  |  |  |  |  |  |  |
| - 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| - 26 | 34 | 19 | 23 | 19 | 21 | 9 | 12 | 9 | 10 |
| - Number of Teachers Who Reached Tenure (after 4 years of full-time service) |  |  |  |  |  |  |  |  |  |
| - 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |  |  |  |  |
| -19 | 25 | 16 | 18 | 13 | 13 |  |  |  |  |
| - Percent of Teachers Who Reached Tenure (after 4 years of full-time service) |  |  |  |  |  |  |  |  |  |
| - 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |  |  |  |  |
| - 73.1\% | 73.5\% | 84.2\% | 78.3\% | 68.4\% | 61.9\% |  |  |  |  |

* Part-time teachers not eligible for tenure process.


[^2]


Regular/Special Education FTE

\[

$$
\begin{array}{lllllllllll}
\hline 2003 & 2004 & 2005 & 2006 & 2007 & 2008 & 2009 & 2010 & 2011 & 2012 & 2013 \\
\hline
\end{array}
$$ $$
\begin{array}{ll}
\text { Certified staff includes special education teachers, excluding instuctional supervisors, and all student service personnel (counselors, } \\
\text { social workers, psychologists) }
\end{array}
$$
\]

|  | $\mathbf{2 0 0 3}$ | $\mathbf{2 0 0 4}$ | $\mathbf{2 0 0 5}$ | $\mathbf{2 0 0 6}$ | $\mathbf{2 0 0 7}$ | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Reg Ed FTE | 335.1 | $\mathbf{3 4 2 . 9}$ | $\mathbf{3 4 9 . 9}$ | $\mathbf{3 0 8 . 5 5}$ | 303.05 | $\mathbf{3 1 6 . 7 5}$ | 310.7 | $\mathbf{3 1 3}$ | $\mathbf{3 1 3 . 0 5}$ | $\mathbf{3 1 3 . 3 5}$ | $\mathbf{3 1 3 . 8 5}$ |
| SpEd FTE | 78.2 | 79.2 | 83.2 | 84.5 | 83.5 | 86.2 | 86.85 | 90.3 | $\mathbf{9 2 . 2}$ | $\mathbf{9 0 . 8}$ | $\mathbf{9 2 . 2}$ |
| Total | 413.3 | 422.1 | $\mathbf{4 3 3 . 1}$ | 393.05 | 386.55 | 402.95 | 397.55 | 403.3 | 405.25 | 404.15 | $\mathbf{4 0 6 . 0 5}$ |



| PSAE - Performance Levels (By Subject Matter) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reading |  |  | Math |  |  | Science |  |  |
|  | Exceeds Standards | Meets Standards | Exceeds \& Meets Standards | Exceeds <br> Standards | Meets <br> Standards | Exceeds \& Meets Standards | Exceeds <br> Standards | Meets <br> Standards | Exceeds \& Meets Standards |
| 2004 | 27.0\% | 53.6\% | 80.6\% | 20.5\% | 62.6\% | 83.1\% | 25.2\% | 54.5\% | 79.7\% |
| 2005 | 31.0\% | 51.0\% | 82.0\% | 23.2\% | 58.3\% | 81.5\% | 24.0\% | 51.5\% | 75.5\% |
| 2006 | 26.4\% | 54.2\% | 80.6\% | 28.6\% | 56.7\% | 85.3\% | 24.4\% | 54.6\% | 79.0\% |
| 2007 | 24.4\% | 51.9\% | 76.3\% | 30.1\% | 51.8\% | 81.9\% | 22.9\% | 56.0\% | 78.9\% |
| 2008 | 24.4\% | 53.4\% | 77.8\% | 27.9\% | 54.1\% | 82.0\% | 25.4\% | 50.4\% | 75.8\% |
| 2009 | 25.8\% | 52.6\% | 78.4\% | 31.0\% | 53.5\% | 84.5\% | 25.9\% | 55.0\% | 80.9\% |
| 2010 | 25.4\% | 52.3\% | 77.7\% | 28.1\% | 55.2\% | 83.3\% | 25.2\% | 53.9\% | 79.1\% |
| 2011 | 25.4\% | 52.3\% | 77.7\% | 28.1\% | 55.2\% | 83.3\% | 25.2\% | 53.9\% | 79.1\% |
| 2012 | 23.3\% | 55.1\% | 78.4\% | 29.8\% | 55.0\% | 84.8\% | 27.3\% | 52.5\% | 79.8\% |
| 2013 | 30.0\% | 52.8\% | 82.8\% | 29.8\% | 54.9\% | 84.7\% | 28.6\% | 50.8\% | 79.4\% |






| PSAE Performance Levels - Math by Ethnicity 2004-2013 <br> Glenbrook High Schools - All Students in the District |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100\% <br> 80\% <br> 60\% <br> 40\% |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 20\% |  |  |  |  |  |  |  |  |  |  |  |
|  | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |  |
| School Year |  |  |  |  |  |  |  |  |  |  |  |




| $\begin{aligned} & \text { PSAE Performance Levels - IEP } \\ & 2004-2013 \end{aligned}$ <br> Glenbrook High Schools - All Students in the District |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} 100 \% \\ 80 \% \end{array}$ |  |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Reading } \\ \text { Keceess \& } \\ \text { Mtests } \\ \text { Standards } \end{gathered}$ |
| $60 \%$ $40 \%$ |  |  |  |  |  |  |  |  |  |  | -Mathematics |
| 20\% |  |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Science } \\ \text { K-ceeses \& } \\ \text { Meets } \\ \text { Standards } \end{gathered}$ |
|  | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |  |
| School Year |  |  |  |  |  |  |  |  |  |  |  |








PSAE Performance Level - IEP Students - Science


A dash (-) indicates there are fewer than 10 scores in this category. No results are reported to protect the privacy of these students.


*GBN does not have a subgroup of 45 low income students in the junior class and therefore data for GBN is not reported.



PSAE - Low Income Science Performance Levels (By School)




* Prairie State Achievement Exam (PSAE) is an Illinois state mandated test for all juniors beginning in 2001. PSAE Reading Scores range 120-200.

Average Reading PSAE Score



* Prairie State Achievement Exam (PSAE) is an Illinois state mandated test for all juniors beginning in 2001. PSAE Math Scores range 120-200.


* Prairie State Achievement Exam (PSAE) is an Illinois state mandated test for all juniors beginning in 2001. PSAE Science Scores range 120-200.

Average Science PSAE Score



* Prairie State Achievement Exam (PSAE) is an Illinois state mandated test for all juniors beginning in 2001. PSAE Reading Scores range 120-200.


## Average Reading PSAE Score (By Ethnicity)




* Prairie State Achievement Exam (PSAE) is an Illinois state mandated test for all juniors beginning in 2001. PSAE Reading Scores range 120-200.


* Prairie State Achievement Exam (PSAE) is an Illinois state mandated test for all juniors beginning in 2001. PSAE Science Scores range 120-200.


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| VI | Visual <br> Impairment |
| :---: | :--- |
| HI | Hearing <br> Impairment |
| D/B | Deaf/Blind |
| OI | Orhopedic <br> Impairment |
| OHI | Other Health <br> Impairment |
| TBI | Traumatic <br> Brain Injury |
| ID | Intellectual <br> Disability |
| LD | Learning <br> Disability |
| SL | Speech and <br> Language <br> Impairment |
| ED | Emotional <br> Disorder |
| AUTISM | Autism |
| MD | Multiple <br> (began 2002) |
| MD |  |


|  | $\begin{aligned} & 2002- \\ & 2003 \end{aligned}$ | $\begin{aligned} & 2003- \\ & 2004 \end{aligned}$ | $\begin{aligned} & 2004- \\ & 2005 \end{aligned}$ | $\begin{aligned} & 2005- \\ & 2006 \end{aligned}$ | $\begin{aligned} & 2006- \\ & 2007 \end{aligned}$ | $\begin{gathered} 2007- \\ 2008 \end{gathered}$ | $\begin{gathered} 2008- \\ 2009 \end{gathered}$ | $\begin{gathered} 2009- \\ 2010 \end{gathered}$ | $\begin{aligned} & 2010- \\ & 2011 \end{aligned}$ | $\begin{aligned} & 2011- \\ & 2012 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VI/HI/D/B | 5 | 4 | 10 | 7 | 8 | 10 | 6 | 4 | 4 | 2 |
| OIOHITTBI | 55 | 79 | 94 | 101 | 98 | 90 | 96 | 86 | 99 | 108 |
| ID | 30 | 30 | 28 | 33 | 34 | 40 | 48 | 54 | 55 | 51 |
| LD | 236 | 239 | 220 | 257 | 253 | 237 | 207 | 202 | 192 | 194 |
| SL | 9 | 10 | 11 | 15 | 8 | 14 | 17 | 23 | 25 | 25 |
| ED | 160 | 157 | 148 | 145 | 145 | 109 | 127 | 122 | 130 | 124 |
| AUTISM | 8 | 11 | 15 | 17 | 22 | 29 | 35 | 43 | 47 | 56 |
| MD | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 5 |
| D225 Spec Ed Total | 504 | 531 | 527 | 576 | 569 | 531 | 538 | 537 | 556 | 565 |
| \% of Total Enroliment | 10.85\% | 11.12\% | 10.92\% | 11.83\% | 11.77\% | 11.16\% | 11.43\% | 11.21\% | 11.68\% | 11.88\% |



NSSED and State numbers include students with disabilities in grades K-12.
Percentage of Students with Disabilities



Enrollment total is the total student enrollment in the school and district in the fall of the school year. Projected district enrollment excludes
Glenbrook Evening School (GBE) enrollment. Projected enrollment also reflects changes in enrollment that may occur because of known
residential construction. Note: Students who are full-time out of district placements are not included in the total enrollment number.

District and State data does not include GBE.


Limited English Proficient Students (\%)

| The Annual Student Report is <br> pubbished in June and includes <br> all LEP students except those <br> who exited prior to September <br> 15 in a given year. |
| :--- |



| Low Income Students |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 60.0\% <br> 50.0\% <br> 40.0\% <br> 30.0\% <br> 20.0\% <br> 10.0\% |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | $\cdots-\cdots$ GBN $-\ldots$ GBS $=$ District 225 $\Longrightarrow$ State |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2004 | 2005 | 2006 | 2007 |  | $\begin{gathered} 2009 \\ \text { Year } \end{gathered}$ | 2010 | 2011 | 2012 | 2013 |  |

Note: Low income students come from families receiving public aid, live in institutions for neglected or delinquent children, are supported in foster homes with public funds, or are eligible to
receive free or reduced-price lunches. District and State data does not include GBE.

Student Attendance Rates

[^3]Student Attendance (\%)





| Analysis: |
| :--- |
| Data reflects dropout status as of the end of |
| June each school year. Some students |
| returned at future dates. The district's |
| dropout rate is exceptionally low due to the |
| many opportunites and support systems |
| provided to our students such as Glenbrook |
| Evening School, Ombudsman, Guided |
| Studies and TEAM. Starting in 2012 the |
| state no longer counts students in the |
| transition program as graduates. |


*Graduation Rate is the number of high school graduates divided by the first-time ninth grade fall enrollment, less students transferred out, plus students transferred in, multiplied by 100.



## Percent of Students Continuing on to College

Attending a 2 or 4 Year College
Glenbrook High Schools

Attending a 2 or 4 Year College (\%)



* All-Subject credits include all courses irrespective of the area of instruction or level of difficulty. No weighting system is used, and all courses are considered equal rank. 24 credits are required for graduation in the Glenbrook High Schools.












[^0]:    * Composite ACT Score consists of English, Math, Reading and Science Reasoning ACT Scores. Composite ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested more than once, only their most recent test scores, not necessarily their highest scores, are used. Note: Starting in 2013 the ACT scores include students who tested with accomodations

[^1]:    *Reading ACT scores range 1-36. These scores include all graduating seniors who took the ACT during their sophomore, junior or senior year. If a student tested tested with accomodations.

[^2]:    Note: The percentage represents the number of full time teachers hired four years prior to the year tenure was awarded. (Example: the \% for 2007 reflects teachers hired in 2003.)

[^3]:    Student Attendance Rate is the aggregate days of student attendance divided by the sum of the aggregate days of student attendance and aggregate days of student absences

