

# Instructional Data Warehouse News

June 25, 2026

[www.nassauboces.org/idw](http://www.nassauboces.org/idw)

## Measuring District Success Using Post Graduation Data

*From a parent challenge to an Instructional Data Warehouse (IDW) solution  
by Fred Cohen*

When I was a high school principal in the 1990's, each year I proudly presented my high school data at the September Board of Education meeting. I cited our outstanding graduation rate and our fine acceptance rate at competitive colleges. This particular year our graduation class was exceptional, so I expected no challenging questions from the Board. To my surprise, one of the few parent guests challenged me. "You say our students are accepted at these colleges, but you don't say how ill- prepared they are compared to students from other high schools." I was dumbfounded and embarrassed. She continued to complain that her daughter's high school preparation was substandard compared to her college classmates' preparation. All I and the Board could say in response was that students attending our alumni-day following graduation always commented favorably about how well prepared they were. But the Board was also embarrassed and ordered a yearly post-graduation survey. Never, however, did the survey get more than a 20% return and proved to be a futile follow-up effort. Were our students well prepared or not! We did not know.



### Upcoming IDW Events

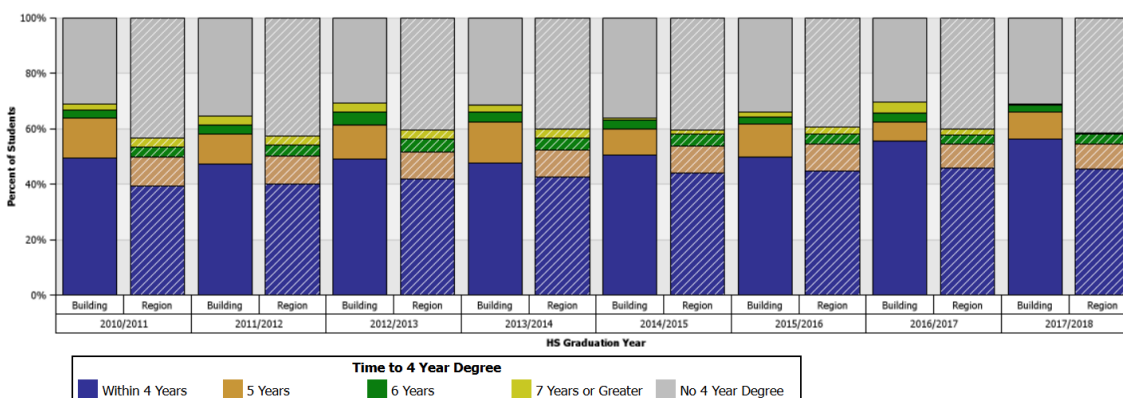
#### IDW Trainings:

**To book an in-district training, please call Stephanie Witt 516-608-6623.**

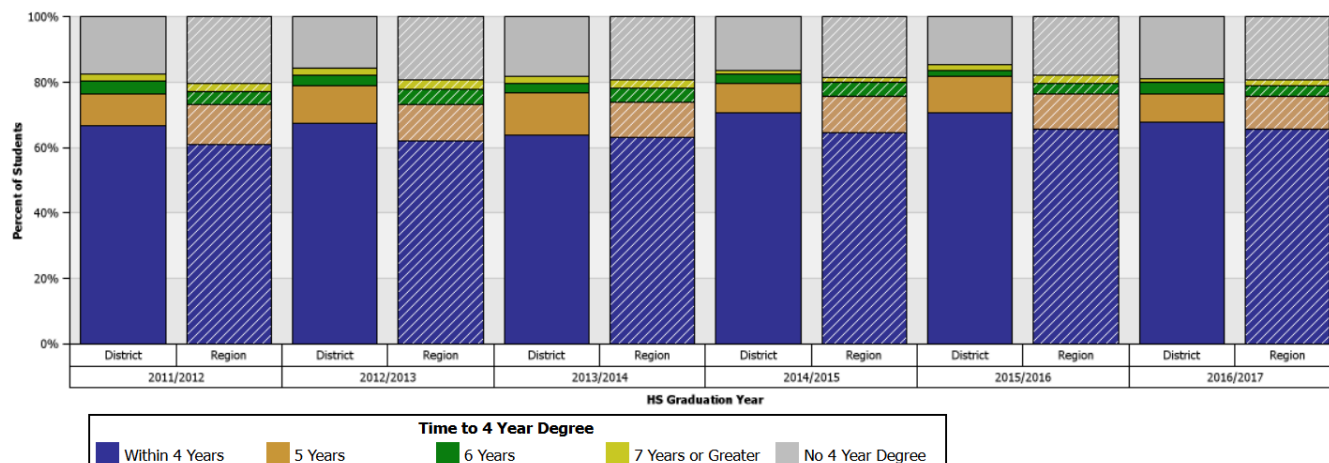
**Training time is included in each district's IDW subscription.**

Fortunately, the IDW, for the past dozen years, has provided complete answers to that question. The chart below is a sample of one IDW report that compares each district's college graduation results to the Nassau County average ("Region") results. Choosing the years from 2011 to 2017, this visualization shows results for students receiving four-year diplomas within a four-year, five-year, six-year or greater time period. Each result is then compared to the regional average for the same time periods.

*Noted below is the IDW visualization.*



And the IDW offers school districts far more options with this report. Additional options offer special disaggregations. For example, the district might be interested in comparing just those students who earned an Advanced Regents Diploma. The view below shows only six years of data for the district's Advanced Regents Diploma students. Note that the district now only slightly outperforms the region.



The IDW user also has the option of disaggregating by any of the state mandated demographic subgroups allowing for more detailed analyses for any of these subgroups.

There are also other reports in the College Tracking suite of reports that help districts better understand how students' high school experience continues to impact life well after graduation. Surely, the college a student attends is a major factor in a students' success, but if the high school can't follow each student's college success, the school receives no feedback from their graduates' experiences at individual colleges. Examine the **"Colleges with Highest Enrollment Over Time"** report below from a typical Nassau County high school.

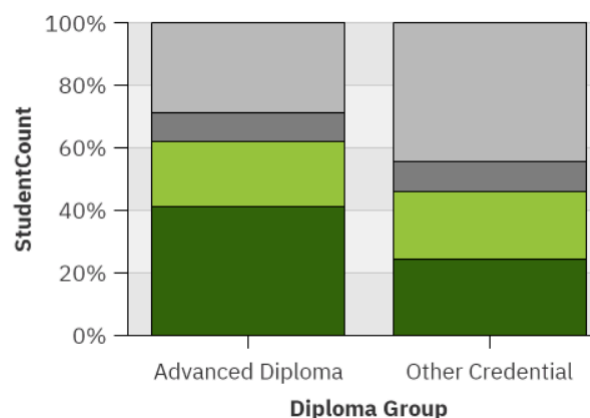
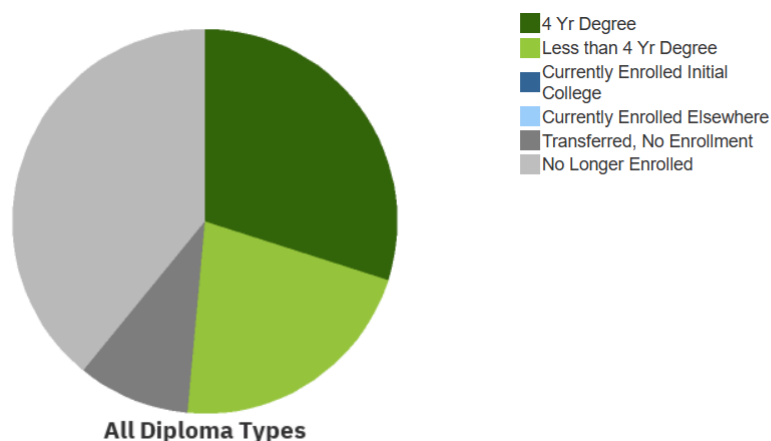
On the prompt page, the user selected the **"Top 10 Colleges"** and the nine most recent graduation years. Note that the number of graduates attending college is consistent, but also note the diminution of Nassau Community College (NCC) enrollment over the nine-year period shown. A key to understanding the enrollment decline is following the success of students who enrolled. For example, we can select the 40 students who enrolled at NCC in 2018-19 (see arrow). By clicking on the number "40," we can see the names of the students, but drilling down to the next level, we can also see whether each student earned a degree and how long it might have taken.

| Colleges with Highest Initial Enrollment Over Time |    |         |             | Annual Number of Students with an Initial College Enrollment Record: |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |       |                       |
|----------------------------------------------------|----|---------|-------------|----------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-----------------------|
|                                                    |    |         |             | 16-17                                                                | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 |       |       |       |       |      |       |       |       |       |                       |
|                                                    |    |         |             | #                                                                    | #     | #     | #     | #     | #     | #     | #     | #     |       |       |       |       |      |       |       |       |       |                       |
|                                                    |    |         |             | 166                                                                  | 161   | 146   | 170   | 160   | 153   | 146   | 159   | 132   |       |       |       |       |      |       |       |       |       |                       |
|                                                    |    |         |             | 16-17                                                                |       | 17-18 |       | 18-19 |       | 19-20 |       | 20-21 |       | 21-22 |       | 22-23 |      | 23-24 |       | 24-25 |       | Total College Enroll. |
|                                                    |    |         |             | #                                                                    | %     | #     | %     | #     | %     | #     | %     | #     | %     | #     | %     | #     | %    | #     | %     | #     | %     |                       |
| NASSAU COMMUNITY COLLEGE                           | NY | Public  | 2-Yr School | 40                                                                   | 24.1% | 33    | 20.5% | 40    | 27.4% | 25    | 14.7% | 33    | 20.6% | 22    | 14.4% | 10    | 6.8% | 26    | 16.4% | 18    | 13.6% | 247                   |
| SUNY FARMINGDALE                                   | NY | Public  | 4-Yr School | 12                                                                   | 7.2%  | 14    | 8.7%  | 12    | 8.2%  | 7     | 4.1%  | 17    | 10.6% | 13    | 8.5%  | 9     | 6.2% | 12    | 7.5%  | 14    | 10.6% | 110                   |
| HOFSTRA UNIVERSITY                                 | NY | Private | 4-Yr School | 5                                                                    | 3.0%  | 3     | 1.9%  | 8     | 5.5%  | 8     | 4.7%  | 4     | 2.5%  | 14    | 9.2%  | 5     | 3.4% | 5     | 3.1%  | 5     | 3.8%  | 57                    |
| MOLLOY COLLEGE                                     | NY | Private | 4-Yr School | 6                                                                    | 3.6%  | 10    | 6.2%  | 4     | 2.7%  | 9     | 5.3%  | 3     | 1.9%  | 4     | 2.6%  | 5     | 3.4% | 4     | 2.5%  | 7     | 5.3%  | 52                    |
| ADELPHI UNIVERSITY                                 | NY | Private | 4-Yr School | 6                                                                    | 3.6%  | 5     | 3.1%  | 9     | 6.2%  | 7     | 4.1%  | 4     | 2.5%  | 5     | 3.3%  | 6     | 4.1% | 5     | 3.1%  | 3     | 2.3%  | 50                    |
| SUNY COLLEGE - CORTLAND                            | NY | Public  | 4-Yr School | 3                                                                    | 1.8%  | 3     | 1.9%  | 3     | 2.1%  | 3     | 1.8%  | 6     | 3.8%  | 3     | 2.0%  | 11    | 7.5% | 10    | 6.3%  | 6     | 4.5%  | 48                    |
| SUNY BINGHAMTON                                    | NY | Public  | 4-Yr School | 5                                                                    | 3.0%  | 4     | 2.5%  | 4     | 2.7%  | 7     | 4.1%  | 6     | 3.8%  | 2     | 1.3%  | 6     | 4.1% | 1     | 0.6%  | 2     | 1.5%  | 37                    |
| LONG ISLAND UNIVERSITY                             | NY | Private | 4-Yr School | 5                                                                    | 3.0%  | 9     | 5.6%  | 1     | 0.7%  | 4     | 2.4%  | 1     | 0.6%  | 5     | 3.3%  | 2     | 1.4% | 6     | 3.8%  | 2     | 1.5%  | 35                    |
| SUNY COLLEGE ONEONTA                               | NY | Public  | 4-Yr School | 2                                                                    | 1.2%  | 6     | 3.7%  | 1     | 0.7%  | 3     | 1.8%  | 1     | 0.6%  | 3     | 2.0%  | 3     | 2.1% | 9     | 5.7%  | 4     | 3.0%  | 32                    |
| SUNY STONY BROOK UNIVERSITY                        | NY | Public  | 4-Yr School | 6                                                                    | 3.6%  | 5     | 3.1%  | 2     | 1.4%  | 5     | 2.9%  | 3     | 1.9%  | 3     | 2.0%  |       |      |       |       | 5     | 3.8%  | 29                    |

As shown below, one can see the first four students from that graduating class who enrolled at NCC. Each alternating color (white, yellow, white, yellow) represents a different student, and each row represents a college semester for each student. One can see that the first three students each stayed at NCC for only two semesters and then discontinued enrollment. The fourth student finally earned a two-year degree after five years in December of 2023 and then successfully enrolled in a four-year degree program at Stony Brook University. The IDW user can scroll through the enrollment records of all 40 students or any other enrollment summary on the previous page to see individual enrollment records.

| Grad HS Year | G9 Date     | Post Grad Plan        | College Type | Actual College Enrollment | College Start Date | College End Date | College                     | Enrollment Status   | Degree Date  | Degree Title      | Degree Major                |
|--------------|-------------|-----------------------|--------------|---------------------------|--------------------|------------------|-----------------------------|---------------------|--------------|-------------------|-----------------------------|
| Jun 30, 2018 | Jul 1, 2014 | 2-year college in NYS | Public       | 2-Yr School               | Sep 4, 2018        | Dec 23, 2018     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Jan 22, 2019       | May 20, 2019     | NASSAU COMMUNITY COLLEGE    | Less than half-time |              |                   |                             |
| Jun 30, 2018 | Jul 1, 2014 | 2-year college in NYS | Public       | 2-Yr School               | Sep 4, 2018        | Dec 23, 2018     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Jan 22, 2019       | May 20, 2019     | NASSAU COMMUNITY COLLEGE    | Half-time           |              |                   |                             |
| Jun 30, 2018 | Jul 1, 2014 | 2-year college in NYS | Public       | 2-Yr School               | Sep 4, 2018        | Dec 23, 2018     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Jan 22, 2019       | May 20, 2019     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
| Jun 30, 2018 | Jul 1, 2014 | 2-year college in NYS | Public       | 2-Yr School               | Sep 4, 2018        | Dec 23, 2018     | NASSAU COMMUNITY COLLEGE    | Half-time           | Dec 20, 2023 | ASSOCIATE IN ARTS | LIBERAL ARTS SCI HUM SOCSCI |
|              |             |                       | Public       | 2-Yr School               | Jan 22, 2019       | May 20, 2019     | NASSAU COMMUNITY COLLEGE    | 3/4-time            |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Sep 3, 2019        | Dec 23, 2019     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Jan 21, 2020       | May 18, 2020     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Sep 1, 2020        | Dec 21, 2020     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Jan 19, 2021       | Apr 27, 2021     | NASSAU COMMUNITY COLLEGE    | Withdrawn           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Jan 24, 2023       | May 19, 2023     | NASSAU COMMUNITY COLLEGE    | Full-time           |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | May 30, 2023       | Aug 23, 2023     | NASSAU COMMUNITY COLLEGE    | Less than half-time |              |                   |                             |
|              |             |                       | Public       | 2-Yr School               | Sep 1, 2023        | Dec 20, 2023     | NASSAU COMMUNITY COLLEGE    | 3/4-time            |              |                   |                             |
|              |             |                       | Public       | 4-Yr School               | Aug 26, 2024       | Dec 19, 2024     | SUNY STONY BROOK UNIVERSITY | Full-time           |              |                   |                             |
|              |             |                       | Public       | 4-Yr School               | Jan 27, 2025       | May 21, 2025     | SUNY STONY BROOK UNIVERSITY | Full-time           |              |                   |                             |

But to see a larger picture of student success over time, another IDW report should be used. To analyze a single college, use the **“Initial College Enrollment Outcomes (Single College)”** report. But be careful in selecting initial enrollment dates. Allow five or six years for from the enrollment date to earn a degree. For the report below, I chose 2014-2019 to see six graduating classes allowing time to earn a degree by January 2025. Note both visualizations below for NCC enrollees from the same H.S. shown above. An additional table is also available and is shown on page 4. The table shows the actual numbers of enrollees in each sector region. All visualization sectors below can be drilled down to the individual student level detail.



The table below shows the numeric details of the visualization on page 3. One can see from both the visualization and the table below that, given at least five years to earn a degree, slightly over 50% do earn a degree (see **green circle**) and that 41% of Advanced Regents students enrolling at NCC during those years do earn a four-year degree (**red circle**). On the other hand, one can see that 48% (**black circle**) of those who initially enrolled at NCC are no longer enrolled and did not earn a degree from NCC or the school they transferred to after enrolling at NCC.

|                                    | Advanced Diploma  |                    | Other Credential  |                    | All Diploma Count | All Diploma Pct    |
|------------------------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|
|                                    | Count             | Pct                | Count             | Pct                |                   |                    |
| 4 Yr Degree                        | <u>53</u>         | <u>41%</u>         | <u>61</u>         | <u>24%</u>         | <u>114</u>        | <u>30%</u>         |
| Less Than 4 Yr Degree              | <u>27</u>         | <u>21%</u>         | <u>55</u>         | <u>22%</u>         | <u>82</u>         | <u>22%</u>         |
| Transferred, No Current Enrollment | <u>12</u>         | <u>9%</u>          | <u>24</u>         | <u>10%</u>         | <u>36</u>         | <u>9%</u>          |
| No Longer Enrolled                 | <u>37</u>         | <u>29%</u>         | <u>112</u>        | <u>44%</u>         | <u>149</u>        | <u>39%</u>         |
| <b>Total</b>                       | <b><u>129</u></b> | <b><u>100%</u></b> | <b><u>252</u></b> | <b><u>100%</u></b> | <b><u>381</u></b> | <b><u>100%</u></b> |

We recently updated our data base with enrollment data from the June 2025 graduating class, so these data are now available for all districts.

As always, IDW personnel are available to provide telephone assistance as well as virtual and in-district training for any district seeking to learn more about this newsletter, or about other best data practices. To schedule a training session or ask any IDW-related questions, please call Stephanie Witt at (516) 608-6623, Fred Cohen at (516) 608-6640, Barbara Dwyer at (516) 608-6695, or Dr. Wanda Toledo at (516) 608-6648.

**What's  
New in the  
IDW?**

## Remember these new features:

- Don't forget to view the full suite of IDW Reports for third party examinations.
- Remember too that the IDW can provide current teachers with detailed score information on previous tests in our re-rostered reports for teachers. To do so, however, districts must upload their current data to BOCES.