

Registration Timing to Identify and Support Students at Risk of Attrition

Background

- Retention – first time, full time college freshman returning to the institution for their second year

Student Success by Date of Block Registration

| Registration Period | Total Students | Average Fall 2024 GPA | Percent Returning Subsequent Fall |
|---------------------------------------|----------------|-----------------------|-----------------------------------|
| Registered before May 1 | 2205 | 3.184 | 86.8 |
| Registered between May 1 and May 31 | 1062 | 3.011 | 81.07 |
| Registered between June 1 and June 30 | 723 | 2.867 | 73.72 |
| Registered after July 1 | 174 | 2.562 | 68.39 |

Student Success by Date of Block Registration

| Registration Period | Average Fall 2024 Total Courses | Average Fall 2024 Count of Ds | Average Fall 2024 Count of Fs | Average Fall 2024 Count of Ws |
|---------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Before May 1 | 6.9 | 0.2 | 0.2 | 0.3 |
| May | 6.6 | 0.3 | 0.4 | 0.4 |
| June | 6.5 | 0.3 | 0.5 | 0.5 |
| July | 5.8 | 0.5 | 0.5 | 0.6 |

| Registration Period | Percent Returning Spring 2025 | Average Spring 2025 GPA | Average Spring 2025 Total Courses | Average Spring 2025 Count of Ds | Average Spring 2025 Count of Fs | Average Spring 2025 Count of Ws |
|---------------------|-------------------------------|-------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Before May 1 | 94.60% | 3.16 | 5.7 | 0.2 | 0.2 | 0.3 |
| May | 93.10% | 2.97 | 5.6 | 0.3 | 0.3 | 0.4 |
| June | 89.90% | 2.83 | 5.4 | 0.3 | 0.3 | 0.4 |
| July | 83.90% | 2.52 | 4.7 | 0.3 | 0.3 | 0.7 |

FTFTF cohorts for 2022 - 2024

| Registration Period | Total Students | ACT | SAT | HS GPA | First Gen | Pell | WV Resident by Fees |
|----------------------------|-----------------------|------------|------------|---------------|------------------|-------------|----------------------------|
| Registered before May 1 | 4817 | 24 | 1139 | 3.78 | 19% | 19% | 43% |
| Registered in May | 6162 | 23 | 1104 | 3.67 | 24% | 24% | 45% |
| Registered in June | 875 | 22 | 1092 | 3.56 | 28% | 30% | 53% |
| Registered after July 1 | 578 | 21 | 1053 | 3.3 | 35% | 35% | 52% |

Not Retained 2022 - 2024

| Registration Period | % Not Retained | ACT | SAT | HS GPA | First Gen | Pell | WV Resident by Fees |
|-------------------------|----------------|-----|------|--------|-----------|------|---------------------|
| Registered before May 1 | 12% | 22 | 1087 | 3.54 | 29% | 23% | 40% |
| Registered in May | 17% | 21 | 1039 | 3.4 | 32% | 29% | 41% |
| Registered in June | 21% | 20 | 1034 | 3.33 | 34% | 26% | 55% |
| Registered after July 1 | 35% | 20 | 1017 | 3.17 | 48% | 32% | 57% |

Analysis

- Compared with those who registered earlier, incoming students who registered after July 1 had a significantly lower mean ACT scores, SAT scores, and HS GPAs:
 - ACT(20.9 vs 23; $\Delta=-2.1$ points; $p<.0001$)
 - SAT (1053.1 vs 1118.4; $\Delta=-65.3$ points; $p<.0001$)
 - HS GPA (3.31 vs 3.71; $\Delta=-0.4$ points; $p<.0001$)
- Students registering after July 1 were more likely to be first-generation and Pell recipients:
 - FG: (35.2% vs 22.3%, +12.8 percentage points; $\chi^2 p < .0001$)
 - Pell: (34.8% vs 22.3%, +12.5 percentage points; $\chi^2 p < .0001$)

Avenues Investigated

- FAFSA filing
- Housing deposits
- Residency by state
- Expected family contribution
- Test optional
- Prior recruiting experiences

Avenues Investigated

- Currently under review:
 - First year pathway and Fit
 - College data
 - Cross-referencing data with exit survey data as well as CARE team reports

Summary

- Recommending early intervention for late June/July registration and predictive variables (ACT, SAT, HS GPA, FG, Pell)

Questions?