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## The Office of Institutional Research and Effectiveness Newsletter

*measuring, monitoring, and informing decisions*

July 2016

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### [Autumn 2016 OAIRP Conference Coming to COTC](#)

The autumn 2016 conference of the [Ohio Association for Institutional Research and Planning \(OAIRP\)](#) will be held at COTC on Friday, October 28, in the Reese Center. The biannual event addresses emerging research, policy planning, and strategic initiatives impacting higher education in Ohio and the U.S.

Participants share research, network, and discuss technical reporting issues – from ad hoc data requests to Federal reporting to the Integrated Postsecondary Education Data System (IPEDS) – which enhances the ability for researchers to overcome common problems and supports data-

based–decision–making across the institution. Recent meetings have included topics on the expansion of College Credit Plus, data governance, self–service reporting, dash–boarding, analytic methods, research designs, increasing IR's presence on campus, and regional and programmatic accreditation.

The COTC community will be informed of final details when they become available, and your Office of Institutional Research and Effectiveness looks forward to showcasing our great campus, faculty, staff, and students during the event.



## 2016 AIR Forum in New Orleans, LA

The annual conference of the [Association for Institutional Research \(AIR\)](#) took place from May 31–June 3, 2016 in New Orleans, Louisiana. COTC sent Joe Argiro, Resource Planning Analyst, to attend and participate in the 4–day conference, his second time attending the event. With more than 225 keynote sessions, panel discussions, break–out sessions, networking events, lunch and dinner groups, and reporting workshops throughout the week, the AIR conference is a one–stop–shop for higher education research.

Joe attended sessions related to the role of IR in regional accreditation, survival and retention modeling of students, decision–tree and random–forest modeling techniques, macro–trends affecting the future of higher education in the U.S., the National Community College Benchmarking Project, and more. He also participated in lunch and dinner networking events to engage other researchers and hear about the successes and challenges they're experiencing in their state and region.

The 2017 conference is scheduled for May 29 – June 2 in Washington, D.C. Information on how to get involved in future conferences can be found at the [forum website](#).



## Academic Program Review for 2016-2017

The COTC Office of Academic Affairs has resources available for academic programs preparing to conduct academic program review. The questionnaire, schedule, and purpose statement are available [online](#) and are expected to be utilized for gathering data and reporting to institutional leadership. On the calendar for the 2016–2017 academic year are the following programs:

- Associate of Arts
- Associate of Science
- Basic Police Academy
- Forensic Science Technology
- Nursing Technology (Associate Degree and 1–Year Certificate)

The Office of Institutional Research and Effectiveness (IR&E) is a primary source of information related to students, courses, and faculty, and is here to assist and support deans, directors, and faculty in data collection and analysis. To learn more about how IR&E can be your partner in this important effectiveness endeavor, contact Director Misty McKee at [mckee.614@cotc.edu](mailto:mckee.614@cotc.edu) or by calling 740.366.9383.



## COTC Completion Plan Update and Outcome Metrics

Beginning with House Bill 59, each of Ohio's public colleges and universities are now required to submit a biennial Completion Plan to the state. The document, which must be approved by each institutions' Board of Trustees, details strategies to support students from entry to completion. COTC recently updated and received approval for the 2016–2018 Completion Plan, which was required to be submitted to the state for [public viewing](#) prior to July 1, 2016.

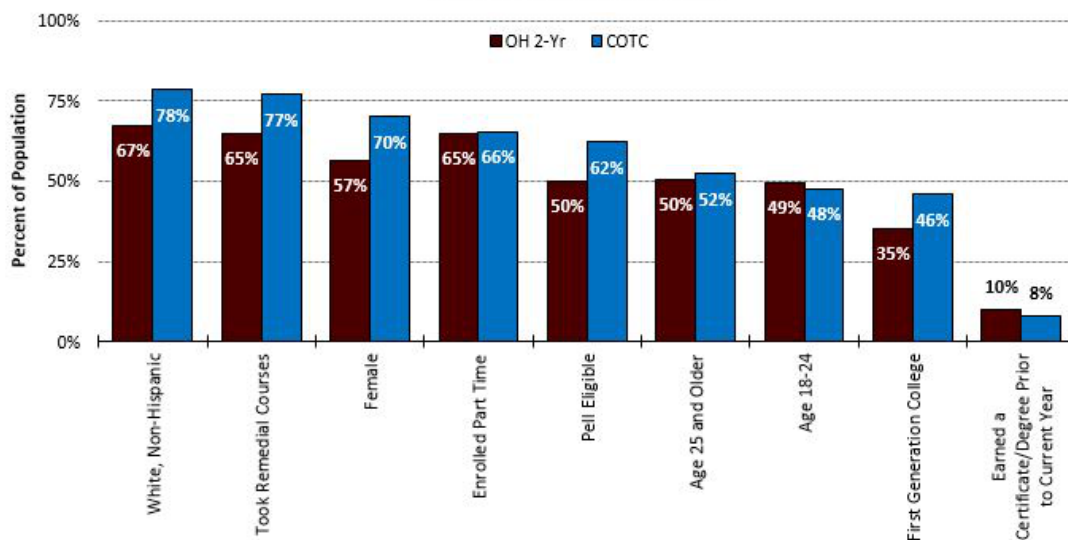
Leading up to the Board approval, many constituents had the opportunity to provide input, including the Office of Institutional Research and Effectiveness. The Office provided documentation of metrics which could be tracked for evaluating the effectiveness of strategies contained within the Plan. Much of the data are sourced from existing surveys and reporting programs, offering a new opportunity to leverage existing resources.

In addition, Misty McKee, Director of Institutional Research and Effectiveness, along with Brad Pulcini, Director of Gateway Operations, Chad Weirick, Director of Academic Operations, and Constanza Sands, Enterprise Resource Planning/Information System Manager, have been participating in data coaching sessions through the Student Success Leadership Institute (SSLI) where pertinent data are scrutinized for their impact on progression and completion.

Below you will find a sample of findings comparing COTC to the latest Ohio Two-Year institutions' data provided by the Ohio Department of Higher Education and Ohio Association of Community Colleges. Question about these or other data of interest may be directed to [cotcire@cotc.edu](mailto:cotcire@cotc.edu).

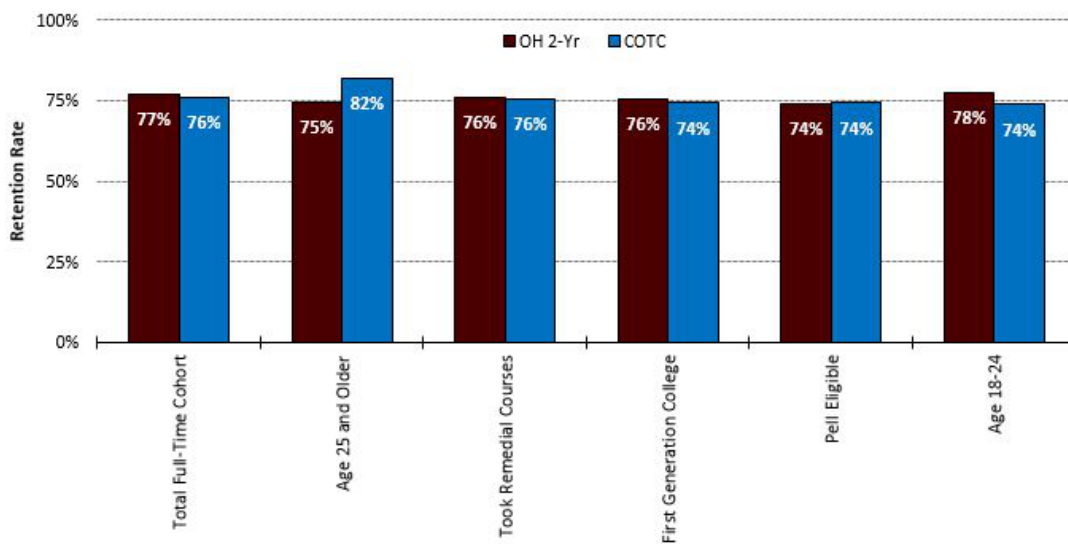
### *In The Know*

### Assorted Student Demographics Autumn Semester 2014, All Students Ohio 2-Year Institutions vs COTC



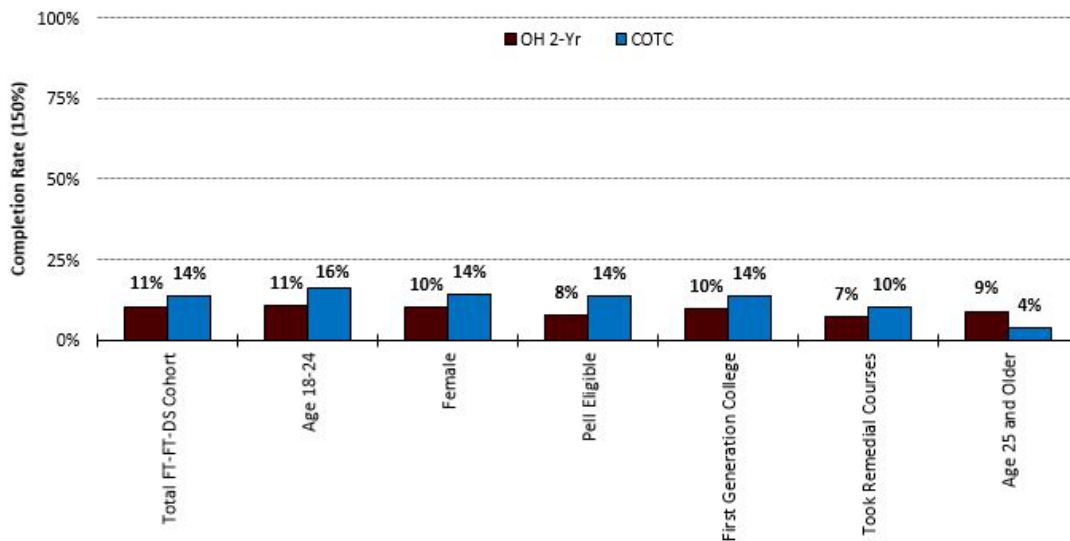
In autumn semester 2014, COTC had a higher proportion of white, non-Hispanic students, students taking at least one remedial course, female students, part-time students, pell-eligible students, students age 25 and older, and first-generation students than the aggregate proportion for all Ohio public two-year institutions for each of these categories.

### Fall-to-Spring Retention Rates Autumn Semester 2012, Full-Time Cohort Ohio 2-Year Institutions vs COTC



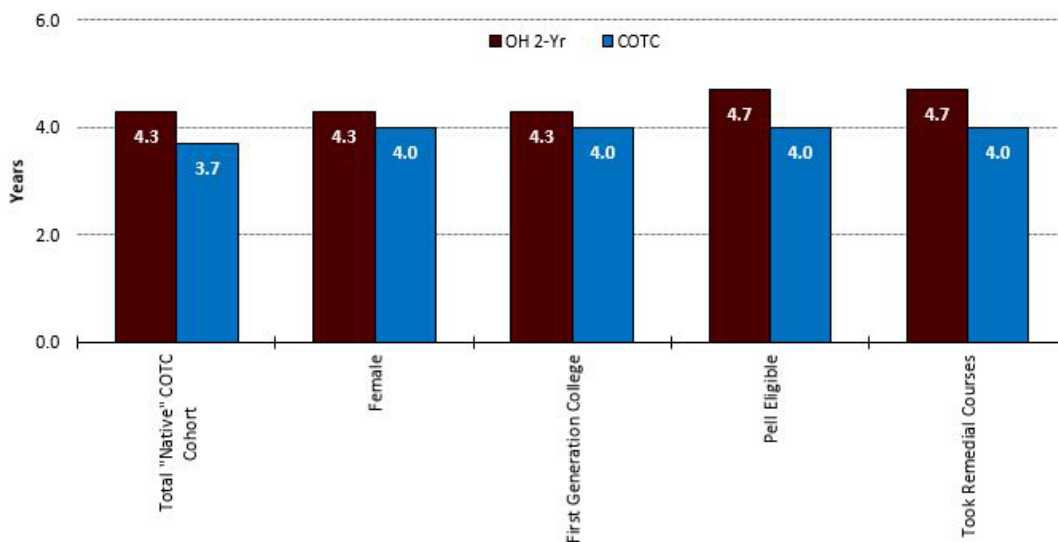
Seventy-six percent of COTC's 12AU full-time cohort was retained to 13SP. Only students age 25 and older exceeded the overall cohort figure with 82% retained.

**Three-Year (150%) Associate-Degree Completion Rates**  
**Autumn Semester 2012, Full-Time, First-Time, Degree-Seeking Cohort**  
**Ohio 2-Year Institutions vs COTC**



Fourteen percent of COTC's 12AU full-time, first-time, degree-seeking cohort obtained an associate degree within three-years, exceeding the aggregate Ohio two-year rate by three points. COTC students age 18-24 who were in this cohort completed associate degrees within 150% of time at a rate of 16 out of every 100.

**Median Time-to-Degree (Years)**  
**Autumn Semester 2012, "Native" COTC (Non-Transfer) Cohort**  
**Ohio 2-Year Institutions vs COTC**



"Native" students are those starting their college career at COTC. The median time-to-degree for "native" female students, "native" first-generation students, "native" pell-eligible students, and "native" students taking at least one remedial course was 4.0 years. For these sub-groups, the time-to-degree was lower than the overall Ohio two-year rate by 0.3 to 0.7 years.

## Services

*The Office of Institutional Research and Effectiveness serves as a resource to various campus constituencies as they engage in efforts to measure their effectiveness.*

Accreditation Support  
State and Federal Reporting  
Effectiveness Research  
Key Performance Indicators  
Survey Administration  
Enrollment and Census Captures  
Scheduled or Ad Hoc Reporting

## Data

COTC

[Student Demographic Statistics](#)

[Term-to-Term Admissions](#)

[Degrees Granted by Year](#)

[Economic Impact](#)

[Institutional Effectiveness](#)

More

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## Communicate

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