



## PACE REPORT INTERPRETATION INSTRUCTIONS

NILIE Technical and Community College's (NTCC) PACE report consists of nine tables and one figure. The tables are of two types: frequency distributions and mean comparisons. Figure 1 compares your institution's overall PACE mean and means for each of the four PACE climate factors (Institutional Structure, Student Focus, Supervisory Relationships, and Teamwork) with three comparison groups of NTCC's choosing.

In addition to the PACE report, NTCC also received a qualitative report, a demographic report, a personnel classification report, a custom report, and a Racial Diversity report. Like the PACE report, the demographic report includes comparisons to three comparison groups of NTCC's choosing. The custom report includes comparisons to NTCC's 2016 PACE results, where applicable. The Racial Diversity report only represents NTCC's 2017 data. The personnel classification report only includes mean scores by each personnel classification for the most recent survey administration.

### *Comparison Group Descriptions*

Every institution that participates in PACE receives comparison data in three categories of its choosing. When a comparison group is selected, your institution is compared to all other institutions in the NILIE normbase that share your institution's classification along that dimension. In determining an institution's classification, NILIE utilizes a compressed version of [The Carnegie Classification<sup>1</sup> of Institutions of Higher Education](#). Some classification groups have been compressed to facilitate comparisons. NILIE Technical and Community College elected to use the following comparison groups for its 2017 report:

- Regional Accrediting Body (North Central)
- NILIE Normbase (all institutions in the NILIE normbase between 2013-2017)
- Previous Administration (NTCC's 2015 PACE results)

A complete list of all institutions that comprise each comparison group is available on [NILIE's website<sup>2</sup>](#).

### *Interpreting Frequency Distributions Tables*

The frequency distributions tables report basic statistics for each question on the PACE survey. Questions are grouped by the four NILIE climate factors with one table for each factor. In the first (gray) column, each table presents the count (n) and percentage of respondents at your institution who answered "very satisfied," "satisfied," "neutral," "dissatisfied," and "very dissatisfied" for each PACE question corresponding to that climate factor. The other three columns provide the same statistics corresponding to NTCC's selected comparison groups. Statistical significance is not reported in the frequency distribution tables, so bear in mind that any differences across columns may occur due to chance and do not have substantive meanings.

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<sup>1</sup> <http://carnegieclassifications.iu.edu/>

<sup>2</sup> <http://nilie.ncsu.edu/comparison-groups/>





areas in which your institution is doing well (positive effect size) or may need to take action for change (negative effect size).

**Table 5. Institutional Structure Item Mean Comparisons**

Effect Size

↓ ↓ ↓

NILIE Tech comparison with:

Institutional Structure	NILIE Tech		Small 2-year			City			NILIE Normbase		
	N	Mean	Mean	Sig.	Effect size	Mean	Sig.	Effect size	Mean	Sig.	Effect size
<i>The extent to which...</i>											
<b>1</b> the actions of this institution reflect its mission	243	3.679	3.893	**	-.218	3.796			3.847	**	-.170