

**National Center for Transit Research (NCTR)  
Annual Performance Metrics**

**January 1, 2016- December 31, 2016**

**Performance Indicators for University Transportation Centers (UTCs)**

**Part I – Program-Wide Indicators**

Report the program-wide indicator metrics for the completed grant year and for the institution(s) comprising your UTC, unless the indicators are included in Part II below.

In the event that a sub-grantee university participates in more than one UTC, include only the metrics corresponding with your grant.

<b>Program-wide Indicators</b>	
1. Number of transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who are associated with the UTC.	<ul style="list-style-type: none"> <li>• Undergraduate courses _____ 7 _____</li> <li>• Graduate courses _____ 16 _____</li> </ul>
2. Number of students participating in transportation research projects funded by this grant	<ul style="list-style-type: none"> <li>• Undergraduate students _____ 0 _____</li> <li>• Graduate students _____ 4 _____</li> </ul>
3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students.	<ul style="list-style-type: none"> <li>• Master’s Level Programs _____ 3 _____</li> <li>• Doctoral Level Programs _____ 2 _____</li> </ul>
4. Number of graduate students supported by this grant	<ul style="list-style-type: none"> <li>• Master’s Level Students Supported _____ 2 _____</li> <li>• Doctoral Level Students Supported _____ 2 _____</li> </ul>
5. Number of students supported by this grant who received degrees	<ul style="list-style-type: none"> <li>• Master’s Level Degrees _____ 1 _____</li> <li>• Doctoral Level Degrees _____ 0 _____</li> </ul>
6. Number and total dollar value of research projects selected for funding using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research:	<ul style="list-style-type: none"> <li>• Applied research projects &amp; dollar value _____ 0 _____</li> <li>• Advanced research projects &amp; dollar value _____ 0 _____</li> </ul>

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**Part II – UTC-Specific Indicators**

Report here the annual performance metrics that you identified in your application for each category below, include the description of the indicator and the corresponding metric.

In the event that a sub-grantee university participates in more than one UTC, include only the metrics corresponding with your grant.

Category	Description of indicator	Metric
1. Research Capability	<ul style="list-style-type: none"> <li>• Number of papers published</li>   <li>• Number of times the papers have been cited in other professional papers and the media</li>   <li>• Number of presentation of research results at professional conferences of an academic nature and at industry association conferences</li>   <li>• Number of research projects completed and number of times they have been downloaded from our websites</li> </ul>	<p>2 (2 have been submitted to TRR for consideration)</p> <p>7</p> <p>12</p> <p>7 projects ; 836 web visits</p> <p>4</p>

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	<ul style="list-style-type: none"> <li>• Number of students participating in transportation research projects</li> <li>• Awards and distinctions received</li> </ul>	<p>Award in appreciation of service, leadership and dedication to the TDM community (Winters)</p> <p>2016 ITE Young Transportation Professional of the Year Award (Godfrey)</p>
<p>2. Leadership</p>	<ul style="list-style-type: none"> <li>• Number of national and professional committees that our consortium members lead.</li> </ul>	<p>27 as follows:</p> <p>TRB Chair- BRT Conference Planning Subcommittee (Hinebaugh)</p> <p>TRB Chair- Public Transportation Group (Hinebaugh)</p> <p>CUTC-President of the Executive Board (Volinski)</p> <p>ITE Chair- Intelligent Traffic Signal Operations Committee (Lin)</p> <p>Chair – Research, Education, and Training Reauthorization Coalition (Volinski)</p> <p>Co-Chair of the FPTA Hall of Fame nominating committee (Volinski)</p> <p>TRB Presiding Officer, National Transportation Data Requirements &amp; Programs Committee (Polzin)</p> <p>Co-Chair NTI National Transit GIS Conference (Catala)</p> <p>TCRP Panel D-13 Guide for Implementing Bus on Shoulder Systems (Hinebaugh)</p> <p>TRB Chaired the Transportation Sustainability, ICTPA Workshop on Transp. Advancement (Lin)</p> <p>APTA Vice Chair of BRT Task Force (Hinebaugh)</p> <p>Kuhmo Nectar Conference. Berlin Chair of Session: Transportation &amp; Urban Form (Concas)</p>

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		<p>TRB Vice Chair- Transit Capacity &amp; Quality of Service Committee (AP015) (Perk)</p> <p>Chair of the University Liaison Committee for the APTA Research and Technology Committee (Volinski)</p> <p>APTA Vice Chair, APTA Bus Safety Committee (Staes)</p> <p>Presiding Officer- National Transportation Data Requirements &amp; Program Committee of TRB (Polzin)</p> <p>Editorial Board for <i>Journal of Public Transportation</i> (Polzin)</p> <p>Editorial Board for <i>Transportation Journal</i> (Polzin)</p> <p>Editorial Board for <i>Journal of Safety &amp; Security</i> (Chu)</p> <p>Transit Ambassador Emeritus for the Transit Cooperative Research Program (Volinski)</p> <p>Chair of the Transit Systems Awards Committee (Volinski)</p> <p>Member Emeritus, TDM Committee of TRB (Winters)</p> <p>Executive Committee member, Management &amp; Operations/ITS Council of ITE (Lin)</p> <p>TRB –Task Force on Transit Safety and Security (AP018T) (Staes)</p> <p>TRB State, Transit, and University Representative (Polzin)</p> <p>ITE Secretary, Transportation Planning Council (Winters)</p> <p>National Transit GIS Conference Co-Chair (Catala)</p>
	<ul style="list-style-type: none"> <li>• Number of significant roles our research</li> </ul>	<p>30 as follows:</p>

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	<p>faculty play in forums designed to identify transit research needs</p>	<p>APTA Research &amp; Technology Committee (Volinski) (Staes)</p> <p>NITC National Institute for Transportation &amp; Communities Executive Committee (Volinski)</p> <p>TCRP Research Proposal Screening Committee (Volinski)</p> <p>TRB Committee on Paratransit (AP060) (Volinski)</p> <p>APTA R&amp;T Chair of the University Liaison Subcommittee (Volinski)</p> <p>TRB USDOT Five-Year RD&amp;T Strategic Plan (Polzin)</p> <p>APTA Policy and Planning Committee (Polzin)</p> <p>TRB Task Force on Transit Safety &amp; Security (APO18T) (Staes)</p> <p>APTA Rail Safety Committee (Staes)</p> <p>APTA Bus Safety Committee (Staes)</p> <p>TRB Task Force on Transit Safety and Security (Staes)</p> <p>FTA Transit Advisory Board Committee for Safety, SMS and Perf. Measures (Staes)</p> <p>IRF Fellow, International Road Federation (Ozkul)</p> <p>TRB Highway Capacity &amp; Quality of Service Committee (Ozkul)</p> <p>TRB Florida Transportation Model Task Force – Freight Committee (Ozkul)</p> <p>TRB ADD20 Social/Economics Committee (Perk)</p> <p>TRB Intermodal Transfer Facilities Committee (APO45) (Perk)</p> <p>APTA Multimodal Operations Planning Technical Forum (Perk)</p>
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		<p>APO20 Emerging &amp; Innovative Public transportation Systems and Technology Committee (Mistretta)</p> <p>TRB- International Association of Travel Behavior Research (Concas)</p> <p>TEAM Florida- Director of Research (Reich)</p> <p>ITE Traffic Engineering Council (Lin)</p> <p>TRB Freight Transportation Economics &amp; Regulation Committee (Ozkul)</p> <p>TRB Highway Capacity &amp; Quality of Service Performance Measures Committee (Ozkul)</p> <p>TRB Congestion Pricing Committee (Pessaro)</p> <p>TRB Task Force for National Household Travel Survey ABJ45 (Polzin)</p> <p>APTA Policy and Planning (Polzin)</p> <p>APTA Mentor, Early Career Mentor Program for Marco Sandusky of HART (Volinski)</p> <p>AAHTO Expert Task Group for ECONOWORKS (Polzin)</p> <p>Union of concerned Scientists Smart Commute Expert (Bond)</p>
	<p>Number of professional development workshops and conferences for which we develop programs</p>	<p>TRB BRT Conference Planning Committee (Hinebaugh)</p> <p>Florida Public Transit Association Annual Meeting (Goodwill)</p> <p>Southeast Regional UTC Conference (Volinski and Hinebaugh)</p>

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		<p>NDSU Midwest Transit Conference in Kansas City, MO</p> <p>Co-Chair of Conference Program Committee for ACT (Bond)</p> <p>Co-Chair of GIS in Transit Biannual Conference (Catala)</p>
	Number of presentation and papers published	presentations at professional transportation meetings/ conferences and 2 papers published
	Number of research agendas prepared in consultation with FTA and state DOTs	FTA has identified 8 research projects as noted in the report. FDOT, NNDOT and IDOT have approved 25 projects for this grant.
3. Education and Workforce Development	Number of students who graduate from transportation-related programs and their placement in the industry	Nothing to report for Transit focused grant
	Number of students who graduate from non-transportation-related programs who are employed by consortium members and their placement in the industry	Nothing to report for Transit focused grant
	Number of opportunities for students to serve as interns and/or technical assistants to transit agencies within reasonable distance of our consortium members	Nothing to report for Transit focused grant
	Number of students who participate in the public transit courses being delivered through the newly established Transportation Leadership Graduate Certificate Program	Nothing to report for Transit focused grant

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	Number of people participating in training programs offered by the consortium and survey them for how it has impacted their skills	560 for USF FL Statewide transit training and 186 through NDSU's Rural Transit Training Program
	Number of transportation related courses offered that were taught by faculty and /or teaching assistants associated with NCTR consortium	Nothing to report for Transit focused grant
	Number of students participating in transportation-related projects funded by the grant	4
	Number of transportation-related advanced degree programs that use grant funds to support graduate students	2
	Number of graduate students supported by the grant	4
	Number of students supported by the grant who received degrees	1
4. Technology Transfer	Number of times NCTR research reports and research-related articles are published and the publications in which they appear	7
	Number of citations in professional journals and media reports	6
	Number of presentations made at national, international, and statewide	16

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	Number of professionals in attendance at presentations at national, international, state and regional professional conferences	560 for USF FL Statewide transit training and 186 through NDSU’s Rural Transit Training Program for 163.25 contact hours
	Number of inquiries made to researchers	Not available at this time
	Number of visits to NCTR website(s), retweeted tweets, on-line discussions created about NCTR research reports	<p>NCTR has 893 Twitter followers.</p> <p>NCTR-CUTR – YouTube Channel – 87 subscribers, 141 videos, and 6,846 views for a total of 34,633 minutes of watch time during 2016.</p> <p>NCTR hosts two listserv types: discussion listserv to allow peer-to-peer exchanges and announcement listserv to distribute information from NCTR to interested parties about new research reports, web conferences, etc.</p> <ul style="list-style-type: none"> <li>• Transportation Demand Management listserv increased by 300 subscribers in 2016 to 2,583 subscribers.</li> <li>• Telework listserv increased by 17 subscribers in 2016 to 451 subscribers.</li> <li>• Parking listserv increased by 45 subscribers in 2016 to 483 subscribers.</li> <li>• BRT listserv increased by 1 subscriber in 2016 to 633 subscribers.</li> <li>• Bus Fleet Maintenance listserv increased by 11 subscribers in 2016 to 411 subscribers.</li> <li>• Best Workplaces for Commuters Champions listserv increased by 16 to 152 subscribers</li> <li>• Best Workplaces for Commuters listserv increased by 31 to 223</li> <li>• Large Employer Council listserv increased by 17 to 44 subscribers</li> <li>• STI listserv stands at 485 subscribers. (TRB subcommittee has moved to its own listserv beginning in 2017)</li> </ul>

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		<ul style="list-style-type: none"> <li>• NCTR announcement listserv stands at 1,661 subscribers.</li> <li>• Florida Operations Network discussion forum: 105</li> <li>• Florida Transit Safety Network discussion forum: 171</li> </ul> <p>UIC- The number of web site visits for the four UTC research reports totaled: 340.</p> <p>NCTR-NDSU Website Statistics -</p> <ul style="list-style-type: none"> <li>• 10,417 Visits-detailed below</li> <li>• 25,432 Pageviews- detailed below</li> <li>• 2.44 Average Pages/Visit</li> </ul> <p>- 10,417 visits came from 112 countries/territories. The number in the parenthesis indicates the number of visits.</p> <ol style="list-style-type: none"> <li>1. United States (7,839)             <ol style="list-style-type: none"> <li>a. North Dakota (2,155)</li> <li>b. Minnesota (1,328)</li> <li>c. California (290)</li> <li>d. Texas (248)</li> <li>e. Massachusetts (188)</li> <li>f. New York (185)</li> <li>g. Virginia (152)</li> <li>h. Illinois (141)</li> <li>i. District of Columbia (132)</li> <li>j. Wisconsin (125)</li> </ol> </li> <li>2. Russia (1,715)</li> <li>3. Kyrgyzstan (176)</li> <li>4. United Kingdom (172)</li> <li>5. Brazil (135)</li> </ol> <p>- 789 pages were viewed a total of 25,432 times. The number in the parenthesis indicates the number of pageviews.</p> <ul style="list-style-type: none"> <li>• Home Page – /index.php (9,670)</li> <li>• Rural Transit Factbook - /transitfactbook/index.php (857)</li> </ul>
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		<ul style="list-style-type: none"> <li>• Certified Community Transit Manager Site - /cctm/index.php (682)</li> <li>• Training Page - /training/index.php (639)</li> <li>• Resources Page - /resources/index.php (539)</li> <li>• Transit Policy Examples - /resources/transit_policies.php (537)</li> <li>• Research Reports - /resources/reports/index.php?program=surtc (496)</li> <li>• Other Resources – /resources/other.php (443)</li> <li>• Premier Transit Management Training Courses - /training/transit-management.php (429)</li> <li>• Training Topics - /training/topics.php (411)</li> </ul>
	Implement longitudinal analysis of a select number of research projects to quantify their impact over a multi-year timeframe	No projects lend themselves to such analysis at this time.
	Survey leaders of major transportation industry trade associations to discover specific ways NCTR’s research findings have been used	List developed for use when research is completed.
	Interview third-party stakeholders involved in research projects	Florida Public Transportation Association, Federal Transit Administration, American Public Transportation Association, Hillsborough Area Transit Authority, Association for Commuter Transportation
	At the outset of a project, identify the method for tracking the impact of the completed research, including identifying and notifying the most likely users of the results	All PIs establish a peer review panel for their project as one way of informing an interested subset of the industry about the project. Some projects develop direct recommendations for specific actions (e.g. developing signage to prevent traffic crossings at commuter rail intersections), and for those it is easy to determine the impact. For other projects that are intended for the entire industry with no

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		specific client, it remains a challenge to find out the complete impact of a completed research project. NCTR will probably start the process of asking those who download such reports to leave their contact information so a follow up survey can be sent to determine if the report findings were implemented.
	Use data collected to assess how well the research impacts transportation professionals and the organizations and communities they serve	Not available at this time.
5. Collaboration	Peer review process	Continues throughout program
	Number of projects using joint faculty from partner institutions	7 including Arizona State