Instructions: The use of this form is mandatory for reporting UTC performance indicators. Report the program-wide indicator metrics for the completed grant year. Include the metrics for each consortium member. Add as many columns as necessary to include all consortium members. In the event that a consortium member participates in more than one UTC, include only the metrics corresponding with your grant and reporting period. Email completed report to your grant administrator within 30 days of the end of the grant year.

University Transportation Centers Program Performance Indicators

Total Research Dollar Value \$ 7,717,600.00

UTC Name: Region 8 - Mountain Plains Consortium

University: North Dakota State University

Grant #: DTRT13-G-UTC38 (MPC-371, MPC-409, and MPC-446 thru 532)

Reporting Period: October 1, 2018 - September 30, 2019

Performance Indicators	Consortium	North Dakota State University	Colorado State University	South Dakota State University	University of Colorado Denver	University of Denver	University of Utah		University of Wyoming
	Total	NDSU	CSU	SDSU	CU Denver	DU	UU	USU	UW
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									
assistants who are associated with the ore									
Undergraduate courses			4	14	4	4	5	9	
Graduate courses	77	6	4	9	19	23	5	6	
2. Number of students participating in transportation research projects during the reporting period funded by this grant									
Undergraduate students in research	23	0	4	2	3	1	5	6	
Graduate students in research	82		14	8	10	3	16		
3. Number of transportation-related advanced degree programs that utilize grant funds during the reporting period to support graduate students Masters level programs	15	2	1	1	3	2	4	1	
Doctoral level programs	19	1	1	1	3	1	10	1	
4. Number of students supported by this grant during the reporting period Undergraduate students Masters students	14 33	0	4	2 7	3	0	5	0	
Doctoral students	48	15	7	1	5	2	12	4	
5. Number of students supported by this grant who received degrees during the reporting period									
Undergraduate degrees	9	0	0	0	1	0	4	4	
Masters degrees	9	0	3	0	0	0	4	2	
Doctoral degrees	18	11	2	0	0	0	2	1	
6. Number and total dollar value of research projects selected for funding during the reporting period using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and									
advanced research									
Number of applied research projects	95						9	10	
Dollar value of applied research projects		\$ 2,406,944.00	\$ 939,093.00	\$ 939,093.00	\$ 596,121.00	\$ 185,857.00	\$ 730,400.00	\$ 682,306.00	
Number of advanced research projects		0	0	 ¢	2	0	3	0	
Dollar value of advanced research projects			\$ -	\$ -	\$ 90,000.00	> -	\$ 208,693.00	\$ -	\$ -
Total Research Projects	100	4							

University Transportation Centers Program Performance Indicators Mountain Plains Consortium

University Transportation Centers (UTC's)

DTRT13-G-UTC38 (MPC-371,409, 446-532) October 1, 2018 - September 30, 2019

Performance Indicators	
1. Number of transportation-related courses offered during th assistants who are associated with the UTC.	ne reporting period that were taught by faculty and/or teaching
Undergraduate Courses Graduate Courses	
2. Number of students participating in transportation research	projects funded by this grant.
Undergraduate Students Graduate Students	23 82
3. Number of transportation-related advance degree programs	s that utilize grant funds to support graduate students.
Master's Level Programs Doctoral Level Programs	<u>15</u> <u>19</u>
4. Number of graduate students supported by this grant.	
Undergraduate Students Master's Student Doctoral Student	14 33 48
5. Number of student supported by this grant who received d	legrees.
Undergraduate Students	9

9

18

Master's Level Programs

Doctoral Level Programs

6. Number and total dollar value of research projected selected for funding using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research.

Number of applied research projects

Dollar value of applied research projects

Number of advanced research projects

Dollar value of advanced research projects

95	
	\$7,418,907.00
5	
	\$298,693.00

100 \$7,717,600.00

UTC Specific Indicators

Research 1. Number of transportation research projects selected.	100
2. Total matching dollar leveraged for research.	\$7,717,600.00
3. Number of faculty members involved in research projects.	54
4. Number of undergraduate students involved in UTC-funded research projects.	23
5. Number of master's degree students involved in UTC-funded research projects.	35
6. Number of doctoral students involved in UTC-funded research projects.	51
7. Number of peer reviewed MPC research reports published.	25
8. Number of peer-reviewed journal articles published by faculty.	126
9. Number of peer-reviewed conference papers published by faculty.	75
10. Number of peer-reviewed journal articles or conference papers authored or co-authored by graduate students.	130
Leadership 1. Number of journal editions published by MPC Universities.	2
2. Number of MPC faculty serving on editorial board of journals.	15
3. Number of MPC faculty members serving on committees (or as friends of committees)	42
4. Number of awards received by MPC faculty or programs.	19
5. Number of conferences and workshops help or sponsored by MPC Universities.	14
6. Number of unique organizations represented at MPC sponsored conferences and workshops.	42

7. Number of individuals attending MPC conferences and workshops.		154
8. Number of peer-reviewed journal a	rticles and conference papers presented.	87
Education and Workforce Develop	ment	
1. Number of transportation-related coassistants who are associated with the	ourses offered during the reporting period that were taught by fa e UTC.	culty and/or teaching
	Undergraduate Courses	45
	Graduate Courses	70
	Total	115
2. Number of students participating in	transportation research projects funded by this grant.	
	Undergraduate Students	22
	Graduate Students	67
	Total	102
3. Number of transportation-related a	dvance degree programs that utilize grant funds to support grad	uate students.
	Master's Level Programs	14
	Doctoral Level Programs	20
	Total	34
4. Number of graduate students suppl	corted by this great	
4. Number of graduate students supp	Master's Level Student Stipends	31
	Doctoral Level Student Stipends	48
	Total	79
5. Number of student supported by the		
	Master's Level Student Stipends	8
	Doctoral Level Student Stipends	13
	Total	21
6. Number of outreach events conduc	cted for K-12 audiences.	6
7. Number of graduate courses (inclu	ded in measure one) that are offered online.	5
· · · · · · · · · · · · · · · · · · ·	, symposia, distance learning classes, etc. conducted by	
transportation professionals.		63
2. Number of transportation profession	nals participating in those events.	1561
3. Number of annual reports and new	sletters published.	19

Collaboration

Number of internal meetings, videoconferences, or telephone conferences of the MPC executive committee to discuss program administration and plans for collaboration among	00
the universities.	26
2. Number of projects involving faculty or students from more than one university.	5
3. Number of students participating in MPC graduate student symposia.	7
4. Number of faculty members who hold affiliated faculty status at other MPC universities.	1
5. Number of collaborative research projects involving faculty and students from more than	
one MPC university.	22
6. Number of collaborative conference or workshops involving several universities,	
agencies, or LTAP center.	19