



# NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

FY 2020 – 2021 Goals Accomplishment

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## North Central Texas Council of Governments



The following pages contain the Actual Productivity and Performance Report (NCTCOG 2020 – 2021 Goals Accomplishment) against the FY 2021 projected goals for the North Central Texas Council of Governments Program Report. This report is being forwarded as required by Chapter 391 of the local Government Code.

The information for these reports was assembled by Lucille Johnson, Assistant to the Executive Director. Should you have any questions regarding the contents of this report, or prefer a format different to the one submitted, please contact me at 817-695-9101, or Lucille at 817-695-9103.

R. Michael Eastland  
Executive Director

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# NCTCOG Aging Department

## Fiscal Year 2020 - 2021 Goal Attainment

### ***Aging Program***

1. **Goal:** Shore up the region's senior centers, which have been shuttered due to COVID-19. Provide technical assistance and seed grants to allow them to safely reopen and offer innovative programming, in addition to healthy meals, as incentives to participation.

**Funding Sources:** Texas Health and Human Services Title III-C, Disaster Flex Funds

**Attainment:** Partially Met. COVID-19 continued to limit older adults' participation in congregate meal services and divert providers' attention to home-delivered meals. The Aging program awarded seed grants to six senior centers and provided Special Initiatives funding to the one nutrition subrecipient (Senior Connect) who requested such funding, benefiting three senior centers. All senior centers remained closed until May 2021, at which time they began gradually opening. At the end of Fiscal Year 2021, five counties' centers had not reopened.

#### ***Primary Work Tasks:***

1. Participate in the Texas Congregate Meal Initiative and share best practices with senior center managers and program administrators.
2. Administer senior center seed grants, providing funding for innovative programming.
3. Safely reopen the senior centers and attract a critical mass of older adults.

#### ***Principal Performance Measures***

1. Award seed grants to at least five senior centers and compile best practices to be shared with all senior centers.
2. Provide Special Initiatives funding to at least 20 centers, allowing them to invest in goods and services that are necessary to protect participants from COVID-19.
3. As centers are able to safely reopen, serve at least 10,000 meals per month at the regional level.

#### ***Results:***

1. The Aging program awarded seed grants to three senior centers in Kaufman County, one in Somervell County, one in Erath County, and one in Hood County, under three-year agreements that took effect in July 2021. Best practices will be compiled during Fiscal Year 2024.
2. The Aging program offered Special Initiatives funding to all congregate meal subrecipients, but only one (Senior Connect) took advantage of the opportunity.
3. Five counties' congregate meal sites remained shuttered for the entirety of Fiscal Year 2021. The other nine counties began to reopen in June 2021. In total they served 28,244 meals, falling short of the performance goal of 10,000 meals per month (or 40,000 total during the four-month period of performance) by 29.39%.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

- 2. Goal:** Provide nutritionally balanced meals at least 250 days per year for homebound persons age 60 and over who are unable to prepare meals or are experiencing food insecurity due to COVID-19.

**Funding Sources:** Texas Health and Human Services Commission Title III-C, Disaster Flex Funds, State General Revenue, and Nutrition Service Incentive Program funds

**Attainment:** Partially Met. As the pandemic resulted in closure of congregate meal sites and older adults continued to shelter in place, demand for home-delivered meals remained high. NCTAAA providers served 941,750 meals to 6,541 older adults, exceeding meal projections by 44.8% and number of persons served by 8.32%. However, meal costs were 3% above projections as providers were confronted with increases in raw food prices.

**Primary Work Tasks:**

1. As allowed by Texas Health and Human Services Commission, transfer congregate meal funds and supportive service funds into the home-delivered meal program as necessary to respond to pandemic-related increases in the incidence of food insecurity.<sup>1</sup>
2. Ensure that the home-delivered meal program is cost-effective<sup>3</sup> (Texas Health and Human Services Commission)

**Principal Performance Measures:**

1. Subject to the availability of sufficient funding, fund at least 650,000 home-delivered meals.<sup>3</sup>
2. Serve at least 6,000 older homebound individuals through the home-delivered meal program<sup>3</sup>
3. Negotiate home-delivered meal unit rates that do not exceed a regional average of \$5.65 per meal.<sup>1</sup>

**Results:**

1. The NCTAAA funded 941,750 meals, exceeding its performance projection by 44.88%
2. The NCTAAA served 6,541 older homebound individuals through the home-delivered meal program, exceeding its performance projection by 8.32%.
3. The NCTAAA negotiated home-delivered meal unit rates that comprised a regional average of \$5.82—3% above its target of \$5.65. The pandemic increased the cost of raw food and reduced the number of home-delivered meal volunteers, requiring more staff time to make deliveries.

- 3. Goal:** Provide demand-response transportation services to older persons, giving priority to clients in need of medical transportation.

**Funding Source:** Texas Health and Human Services Commission Title III-B and State General Revenue

**Attainment:** Met. The NCTAAA's network of 12 transportation providers provided 34,247 one-way trips to 838 riders, exceeding the target number of trips by 242.47% and target number of riders by 67.6%. The average cost per trip, at \$15.95, was 11.38% less than the target rate of \$18.00.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Primary Work Tasks:**

1. Procure demand-response transportation contracts so that older persons in all portions of the NCTAAA's service area have access to in-county demand-response transportation, with priority given to persons who require medical transportation.<sup>1</sup>
2. Administer a pilot program to provide medical transportation beyond county boundaries for older residents of rural and/or medically underserved communities.
3. Ensure that transportation services are cost-effective. <sup>1</sup>

**Principal Performance Measures:**

1. Subject to the expiration of the disaster declaration, fund at least 10,000 one-way trips. <sup>3</sup>
2. Serve at least 500 consumers through the transportation program.
3. Negotiate transportation unit rates that do not exceed a regional average of \$18.00. <sup>1</sup>

**Results:**

1. The NCTAAA funded 34,247 trips, exceeding its performance projection by 242.47% and reflecting decreased incidence of older adults' sheltering in place.
2. The NCTAAA served 838 consumers through the transportation program, exceeding its performance projection by 67.6%.
3. The NCTAAA negotiated transportation unit rates that averaged \$15.95 at the regional level: 11.38% below the target of \$18.00.

4. **Goal:** Provide respite services to unpaid family caregivers of older adults and persons of all ages who have severe disabilities.

**Funding Source:** Texas Health and Human Services Commission

**Attainment:** Partially Met. The Aging program provided respite benefits to a greater number of caregivers than anticipated through its Area Agency on Aging but it fell short of its performance goal by one person within its LifeSpan respite program. The Area Agency on Aging (AAA) serves caregivers of age-eligible individuals (generally family members age 60 and over), while the LifeSpan respite program assists those who are not age-eligible for AAA services.

**Primary Work Tasks:**

1. Administer an Area Agency on Aging respite program to assist unpaid family caregivers of persons age 60 and over, or persons of all ages who have severe disabilities.
2. Administer an Aging and Disability Resource Center respite program to assist unpaid family caregivers who don't qualify for other respite programs and cannot afford to pay privately.

**Principal Performance Measures:**

1. Assist at least 125 unpaid family caregivers through the Area Agency on Aging respite program. <sup>1</sup>
2. Assist at least 35 unpaid family caregivers through the Aging and Disability Resource Center LifeSpan respite program.<sup>1</sup>

**Results:**

1. The NCTAAA assisted 148 unpaid family caregivers through its Area Agency on Aging respite program, exceeding its performance projection by 15.54%.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

2. The Aging program assisted 34 unpaid family caregivers through the Aging and Disability Resource Center, falling short of its goal by one caregiver (2.86%).
5. **Goal:** Utilize CARES Act funding to provide non-traditional services to those who've been affected by COVID-19.

**Funding Source:** Texas Health and Human Services Commission

**Attainment:** Partially Met. The Aging program exceeded its performance goals for the number of individuals who received emergency groceries and hygiene supplies, and the number of individuals without internet access who received electronic tablets and data plans. However, it provided rental and utility assistance to fewer individuals than projected, as the Texas Rent Relief program provided more generous benefits.

**Primary Work Tasks:**

1. Provide emergency financial assistance to older persons and persons of all ages with disabilities who are at risk of eviction and/or utility shut-off.
2. Provide emergency groceries and hygiene supplies to older persons and persons of all ages with disabilities who are in financial crisis.
3. Provide tablets and time-limited data plans to older persons and persons of all ages with disabilities who lack internet access.

**Principal Performance Measures:**

1. Provide emergency financial assistance to at least 50 older persons and persons of all ages with disabilities who are at risk of eviction and/or utility shut-off.
2. Provide emergency groceries and hygiene supplies to at least 50 older persons and persons with disabilities who are experiencing financial crisis.
3. Provide tablets and data plans to at least 50 older persons and persons of all ages with disabilities who lack internet access.

**Results:**

1. The Aging program provided emergency financial assistance to 43 clients who were at risk of eviction and/or utility shut-off. In doing so it fell below its performance projection by 14%. Demand was lesser than anticipated, given the State's receipt of approximately \$1.88 B in funding for its Texas Rent Relief Program, which provided both rental and utility assistance.
  2. The Aging program provided emergency groceries and hygiene supplies to 108 older persons and persons with disabilities who were experiencing financial crisis, exceeding its performance target by 116%.
  3. The Aging program issued tablets to 97 clients without internet access and assumed their monthly data fees. In doing so it exceeded its performance goal by 94%.
6. **Goal:** Maintain a comprehensive care coordination program that targets frail older persons who have experienced a recent health crisis, are in financial crisis, have multiple unmet needs and limited caregiver support.

**Funding Source:** Texas Health and Human Services Commission

**Attainment:** Met. The NCTAAA exceeded projections for number of persons who received care coordination and caregiver support coordination services by 22.83%, with

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

737 clients served relative to a goal of 600. Cost per client, at \$548.39, was 11.25% below projections.

**Primary Work Tasks:**

1. Develop and implement screening criteria that give service priority to older persons who have been in the hospital within the past month, have incomes at or below the poverty level, have little or no family support, and/or have Alzheimer's or related conditions.<sup>1</sup>
2. Conduct targeted outreach through agencies that serve older persons who are experiencing health crises (e.g., hospitals and home health agencies) and older persons with low incomes (e.g., Texas Health and Human Services Commission's Regional Local Services, Texas Health and Human Services Commission, United Way organizations, and local emergency financial assistance providers).<sup>1</sup>

**Principal Performance Measures:**

1. Subject to the availability of sufficient funding, assist at least 600 persons through the care coordination and caregiver support coordination programs. <sup>1</sup>
2. Manage program costs by ensuring that the average cost does not exceed \$625 per consumer. <sup>1</sup>

**Results:**

1. The Aging program assisted 422 older adults through the care coordination program and 315 family caregivers through the caregiver support coordination program, for a total of 737 clients served. In doing so it exceeded its performance goal by 22.83%.
2. The Aging program's average costs per person were \$400.51 for care coordination and \$746.51 for caregiver support coordination. Its overall cost per person for both programs was \$548.39: 12.25% below projections.

7. **Goal:** Administer the long-term care ombudsman program that advocates for the rights of those who live in skilled nursing and assisted living facilities and provides objective information to those who are considering placement in a long-term care facility.

**Funding Source:** Texas Health and Human Services Commission

**Attainment:** Partially Met. The pandemic eroded the NCTAAA's volunteer base for its long-term care ombudsman program, reducing the number of certified volunteers to 36—20% below its target of 45. It exceeded its goal relative to providing regular training and technical assistance sessions for volunteers. However, it fell below its goal of resolving at least 85% of residents' complaints to their satisfaction, with a complaint resolution rate of 79.39%.

**Primary Work Tasks:**

1. Expand the reach of the ombudsman program by recruiting, training and supporting certified volunteer ombudsmen.<sup>1</sup>
2. Ensure that volunteers are well trained and supported.
3. Ensure that the program is effective, and resolves complaints to the complainants' satisfaction.<sup>3</sup> (Texas Health and Human Services Commission) <sup>3</sup>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



**Principal Performance Measures:**

1. Train and provide technical assistance to at least 45 active certified volunteer ombudsmen. <sup>3</sup>
2. Conduct at least ten training and technical assistance sessions for certified volunteer ombudsmen.
3. Resolve at least 85% of residents' complaints to the complainants' satisfaction. <sup>3</sup>

**Results:**

1. The Aging program trained and provided technical assistance to 36 certified volunteer ombudsmen, falling short of its performance goal by 25%. The pandemic contributed to several volunteers' retirements and slowed recruitment and training of new volunteers.
  2. NCTAAA long-term care ombudsmen conducted 11 training and technical sessions for volunteers during Fiscal Year 2021—in addition to pre-service training sessions for four new volunteers. In doing so it met its goal of providing near-monthly technical assistance to its volunteers, to ensure they remained aware of the latest guidance regarding COVID protocols.
  3. Staff and volunteer ombudsmen resolved 79.39% of residents' complaints, falling below its performance target of 85%. The program received a number of complaints regarding facilities' restrictions on visitors but was unable to successfully resolve those that were in keeping with federal and state guidance. All facilities were allowed to restrict visitors who were not deemed "essential caregivers."
7. **Goal:** Increase the visibility of the long-term care ombudsman program in assisted living facilities, relying on staff and volunteer ombudsmen to inform residents of their rights and advocate for them as needed.

**Funding Source:** Texas Health and Human Services Commission

**Attainment:** Not Met. The number of visits to assisted living facilities and contacts with assisted living residents was significantly below projections as COVID continued to limit contact with residents of long-term care facilities. Long-term care residents accounted for a disproportionate share of the nation's COVID deaths.

**Primary Work Task:**

1. As COVID-19 continues to restrict visitors' access to assisted living facilities, ensure that the long-term care ombudsman program effectively advocates for residents.<sup>3</sup>

**Principal Performance Measure:**

1. Utilizing both volunteer and staff ombudsmen, make at least 1,000 contacts with assisted living facilities, with contacts consisting of face-to-face visits with facility residents, casework, care or service planning for complaint resolution, fair hearing or guardianship attendance, family or resident council attendance, and/or provision of information and assistance to facility staff or individuals. <sup>3</sup>

**Results:**

1. Long-term care ombudsmen made 646 contacts with assisted living facilities during Fiscal Year 2021, achieving 64.6% of the program's performance goal. The number of contacts was lower than anticipated as the continuing pandemic limited ombudsman access to assisted living facilities and their residents. In addition, volunteers' safety concerns led to significant attrition and increased burden on staff ombudsmen, who had

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

responsibilities for both nursing facilities and assisted living facilities. In addition, ombudsmen had much less contact with family members during facility lockdowns.

- 9. Goal:** Expand the reach and increase the cost-effectiveness of Aging programs by recruiting and supporting volunteers to support its direct and contracted services.

**Funding Source:** Texas Health and Human Services Commission

**Attainment:** Not met. The Aging program's volunteer base declined as the pandemic continued. Volunteers could not provide face-to-face services for most of the fiscal year, as workshop venues were shuttered and long-term care facilities limited visitation. The NCTAAA provided volunteers the option of providing remote services, but not all felt comfortable with the technology or found value in doing remote work. The Aging program put primary emphasis on equipping current volunteers to continue working remotely, to preserve its base, and secondary emphasis on training new volunteers. As a result, it added only seven new volunteers relative to its goal of 20, attaining 35% of its performance target. It cross-trained five current volunteers to support other NCTAAA programs, relative to its goal of 10.

**Primary Work Tasks:**

1. Increase volunteer engagement in the Aging Program's ombudsman, benefits counseling, Senior Medicare Patrol, and preventive health services.
2. Expand volunteer capacity by encouraging current volunteers to obtain cross-certification in other NCTAAA direct service programs.

**Principal Performance Measures:**

1. Add at least 20 new volunteers to support the NCTAAA ombudsman, benefits counseling, Senior Medicare Patrol or chronic disease/fall prevention services.
2. Cross-train at least 10 current volunteers so they may provide other NCTAAA direct services.

**Results:**

1. The NCTAAA trained seven new volunteers during Fiscal Year 2021, with four supporting the long-term care ombudsman program and three supporting Senior Medicare Patrol. In doing so it achieved only 35% of its performance goal of adding 20 new volunteers. During FY21 NCTAAA staff put primary emphasis on training current volunteers to perform their duties remotely in order to keep them engaged.
2. The NCTAAA trained five current volunteers to provide other direct services, relative to its goal of cross-training 10 volunteers. Two chronic disease self-management volunteers were trained to facilitate chronic pain self-management classes, and three benefits counseling and long-term care ombudsman volunteers were trained as Senior Medicare Patrol volunteers.

- 10. Goal:** Assist nursing home residents in relocating to less restrictive settings.

**Funding Sources:** Anthem/Amerigroup, Cigna HealthSpring, Molina Healthcare Texas, and Texas Health and Human Services Commission

**Attainment:** Met. The Aging program exceeded by 19% its goal of assisting 300 nursing home residents in returning to the community. Of all residents who relocated, 93.83%

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

remained in the community for at least 90 days post-relocation—exceeding the performance goal of 90%.

**Primary Work Tasks:**

1. Target nursing home residents who have interest in returning to the community and face significant barriers in doing so (e.g., lack of housing, lack of family support, frailty, mental illness, or substance abuse issues).<sup>3</sup>
2. Follow up with residents who have Medicaid and successfully return to the community for at least 90 days post-relocation.<sup>3</sup>

**Principal Performance Measures:**

1. Assist at least 320 nursing home residents in returning to the community.
2. Ensure that at least 90% of residents with Medicaid who relocate remain in the community for at least 90 days.

**Results:**

1. The Aging program’s relocation specialists assisted 381 nursing home residents in returning to the community, exceeding its performance goal by 19.06%.
2. Of all nursing home residents who returned to the community through the relocation program, 15 (6.15%) returned to the community within 90 days post-relocation. Conversely, 93.85% remained in the community—exceeding the performance target of 90%.

- 11. Goal:** Invest in evidence-based programs that are scientifically proven to improve participants’ health and well-being.

**Funding Source:** Texas Health and Human Services Commission, United Way of Tarrant County, and Community Council of Greater Dallas

**Attainment:** Met. The Aging program exceeded performance targets for number of persons who participated in workshops to control their chronic conditions; learned how to prevent falls; received counseling for depression; and received intensive education and support related to caring for a loved one with dementia.

**Primary Work Tasks:**

1. Conduct at least ten series of workshops for Stanford University’s Chronic Disease Self-Management, Diabetes Self-Management, and/or Chronic Pain Self-Management Program; A Matter of Balance; and/or the Bingocize program.
2. Expand the reach of PEARLS, an evidence-based program that serves isolated older adults who are experiencing symptoms of depression.<sup>1</sup>
3. Expand participation in the REACH II program, which provides intensive counseling to family caregivers of loved ones with dementia.

**Principal Performance Measures:**

1. Train at least 150 older adults in Stanford University’s Chronic Disease Self-Management, Stanford Diabetes Self-Management, and/or Chronic Pain Self-Management Program; A Matter of Balance, and or/ Bingocize.
2. Provide counseling to at least 25 older adults through the PEARLS program.
3. Serve at least 35 unpaid caregivers of loved ones with dementia through the REACH II programs.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Results:**

1. The Aging program trained 209 older adults in managing chronic disease and/or preventing falls.
2. The NCTAAA provided supportive counseling to 41 older adults who were experiencing depression.
3. Through its subrecipient, the Alzheimer’s Association—North Central Texas Chapter, the NCTAAA provided intensive education and support to 41 family caregivers of people with dementia.

**12. Goal:** Develop innovative programs to respond to the needs of older persons with dementia.

**Funding Source:** Texas Health and Human Services Commission

**Attainment:** Partially met. The NCTAAA received a competitive federal grant to support persons with dementia and their family caregivers, but it did not take effect until August 2021. The first six months of the grant were dedicated to planning, and direct services were not scheduled to be implemented until January 2022. The Aging program began compiling dementia care resources in Summer 2021 and will expand the listing to capture all direct services that will be offered under the federal dementia grant.

**Primary Work Tasks:**

1. Identify and implement “best practice” programs to serve older persons with dementia who live alone.
2. Develop and disseminate resources within and beyond the NCTAAA to assist older persons with dementia who live alone.

**Principal Performance Measures:**

1. Screen at least 200 persons to determine if they have dementia and live alone.
2. Provide comprehensive resource information to at least 50 individuals who have dementia and live alone.

**Results:**

1. The NCTAAA’s screening of persons to determine if they have dementia and live alone is scheduled to begin in January 2022, per its workplan for a federal dementia grant.
2. The NCTAAA began compiling dementia care resources in Summer 2021 but lacked tracking systems to determine the number of persons who received the information. It is currently working with the Texas Health and Human Services Commission to expand its tracking capabilities.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

# NCTCOG Community Services Department Fiscal Year 2020-2021 Goals Accomplishment

## **Criminal Justice Program**

1. **Goal:** Develop written policies for operation of the Criminal Justice Policy Development Committee (CJPDC). Per Statement of Work – Criminal Justice Services (Attachment B) of the Interlocal Cooperation Agreement with the Office of the Governor's Public Safety Office (PSO), policies must include language describing grant application review and prioritization process for program categories listed in the Agreement; COG's governing body review and approval process for the program categories; COG's process for ensuring CJPDC reflects a multi-disciplinary representation in 11 specific categories with no single group constituting more than one-third of the membership; documentation process for each CJPDC meeting; process that ensures full CJPDC meetings comply with the Open Meetings Act; and process that ensures compliance with PSO's conflict of interest policy.

**Funding Source:** Office of the Governor, Public Safety Office

### **Primary Work Tasks:**

1. Review current policies to determine applicability for 2021 Committee operation.<sup>3</sup> (PSO)
2. Review, prioritize and approve application priority lists according to policies and procedures.<sup>3</sup> (PSO)
3. Review and comply with committee membership representation requirements and PSO-prescribed conflict of interest policy for 2021 Committee operation.<sup>3</sup> (PSO)

### **Principal Performance Measures:**

A strike-through version of policies will be provided to CJPDC during their fall meetings. The strike-through version will include routine grammatical and calendar updates, policy updates brought forth during the prior scoring process, and any required PSO directives. The CJPDC will review, discuss and approve these draft policies and procedures; CJPDC-approved policies will then be presented to COG's Executive Board for endorsement. CJPDC membership will follow the PSO-defined multi-disciplinary representation. Vacancies for 2021 will be filled accordingly to meet the requirement that no single discipline constitutes more than one-third of the membership. The PSO-prescribed conflict of interest guidelines will be adhered to during the scoring and prioritization of grant applications. All CJPDC meetings will be posted to the Open Meetings website and will be documented in writing. Upon Executive Board approval, updated policies will be posted to NCTCOG's Criminal Justice Program website and will be provided to PSO upon request.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Results:**

Approved CJPDC Policies and Procedures for the FY21 grant cycle submitted to PSO on March 17, 2020. The CJPDC approved FY22 grant cycle policy revisions during their December 2020 meeting; revised policies were then approved by COG Executive Board in February 2021.

- 2. Goal:** Prepare a Strategic Plan for prioritizing criminal justice needs in the NCTCOG region. Needs relevant to this plan include but are not limited to: Criminal Justice System Improvements, Juvenile Justice System Improvements, Direct Victim Services, Mental Health Treatment, and Substance Abuse Treatment. The plan must include an executive summary that describes the strategic planning process and the top five (5) priorities in the above mentioned categories of need. Per the Agreement, the Strategic Plan and Executive Summary should not exceed a five year cycle and will be provided to PSO upon request.

**Funding Source:** Office of the Governor, Public Safety Office

**Primary Work Tasks:**

Staff will engage CJPDC members and community stakeholders throughout the region for input to the Regional Criminal Justice Strategic Plan. CJPDC will provide guidance for the process. The process may be accomplished via on-site meetings and/or an electronic needs assessment survey.

**Principle Performance Measures:**

The current Regional Criminal Justice Strategic Plan will be reviewed to identify areas that require revisions.

**Results:**

With the input and guidance of the CJPDC, the existing Regional Criminal Justice Strategic Plan was used to develop an Executive Summary which identified local priorities. The 2020-2021 Regional Criminal Justice Strategic Plan and Executive Summary submitted to PSO on June 16, 2021.

- 3. Goal:** Submit monthly invoices to PSO by the 30<sup>th</sup> of each month. These invoices will include elements of information required under the Agreement.

**Funding Source:** Office of the Governor, Public Safety Office

**Primary Work Tasks:**

COG staff will track all PSO activities required under the Agreement, including total number of COG staff hours spend on PSO activities and any data necessary to understand the volume and impact of the services provided. The items tracked will be included in the monthly invoices.<sup>3</sup> (PSO)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Principal Performance Measures:**

Submit monthly invoices to PSO by the 30<sup>th</sup> of each month (e.g., report for September services due October 30<sup>th</sup>).

**Results:**

Monthly reports containing required elements under the PSO Agreement submitted by the 30<sup>th</sup> of each month during the contract period of September 2020 through August 2021.

4. **Goal:** Mandatory grant application workshops will be conducted by COG staff. All grant application workshop materials and a list of grant application workshop attendees will be provided to PSO upon request.

**Funding Source:** Office of the Governor, Public Safety Office

**Primary Work Tasks:**

1. Grant application workshop materials, including presentations, workbooks, handouts or any other documentation will be developed. <sup>1</sup> (NCTCOG)
2. Grant application workshop participation will be tracked via sign-in sheets or other means to complete a master list of attendees. <sup>1</sup> (NCTCOG)

**Principal Performance Measures:**

1. All grant application workshop materials will be provided to PSO upon request.
2. Workshop attendees will be tracked, and the list will be provided to PSO upon request.

**Results:**

Three grant application workshop sessions conducted in January 2021. Grant application workshop materials and a list of workshop attendees are maintained on file and will be provided to PSO upon request.

5. **Goal:** Submit priority spreadsheets to PSO for General Victim Assistance Direct Services Projects, Violent Crimes Against Women Criminal Justice and Training Projects, Criminal Justice Projects, Truancy Prevention Projects, General Juvenile Justice and Delinquency Prevention Projects, Sexual Assault Forensic Exam Ready Facilities Projects, and Commercial Sexual Exploitation Projects no later than May 7, 2021. In addition, the COG shall notify all applicants of the approved priorities in writing within fourteen (14) calendar days of its funding recommendation decision.

**Funding Source:** Office of the Governor, Public Safety Office

**Primary Work Tasks:**

1. Submit priority spreadsheets to PSO for applicable program categories no later than May 7, 2021.<sup>3</sup> (PSO)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

2. Notify all applicants of approved priorities in writing within fourteen (14) calendar days of COG's funding recommendation decision.<sup>3</sup> (PSO)

***Principle Performance Measures:***

At the completion of CJPDC scoring sessions during spring 2021, COG staff will compile a ranking list for each program category based on high score to low score. This list will be verified for accuracy prior to submission.

***Results:***

Priority lists submitted to PSO for the program categories as follows: Sexual Assault Forensic Exam Ready Facilities list submitted 5-3-21; Criminal Justice Program and Violence Against Women Justice and Training lists submitted 5-4-21; Truancy Prevention and General Juvenile Justice and Delinquency Prevention lists submitted 5-5-21; General Victim Assistance Direct Services list submitted 5-6-21; Commercial Sexual Exploitation scores submitted 5-6-21. Per the Agreement, all applicants were notified within 14 calendar days of the Executive Board's approval of each of these lists.

6. ***Goal:*** Develop the framework for a grant application process to include any state strategies, local priorities, and COG's strategic vision. Ensure recommendations for funding consider eligibility, reasonableness, cost effectiveness, and current COG policies. CJPDC scoring participation information will be provided to PSO upon request.

***Funding Source:*** Office of the Governor, Public Safety Office

***Primary Work Tasks:***

Develop the scoring criteria framework for the grant application process.<sup>3</sup> (PSO)

***Principal Performance Measures:***

With CJPDC input, staff will update the grant scoring tools for the FY22 grant cycle. Any PSO-prescribed guidelines for application prioritization will be incorporated into the scoring process. Criminal Justice staff will work closely with NCTCOG's Research & Information Services Department staff to develop the online scoring instrument.

***Results:***

During their December 2020 meeting, CJPDC approved a comprehensive scoring instrument and policies that incorporate local priorities and COG's strategic vision. CJPDC members were trained to consider eligibility, reasonableness, cost effectiveness, state and local priorities, and current COG policies as applications were scored and prioritized. The spreadsheet demonstrating CJPDC scoring participation submitted to PSO on June 16, 2021.

7. ***Goal:*** Staff will develop a working knowledge of the TAC Title 1, Part 1, Chapter 3; Office of the Governor's Guide to Grants; Uniform Grant Management Standards (UGMS); Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



(2 CFR part 200); and any other state and federal statutes, rules, regulations, documents and forms applicable to COG-prioritized funding opportunities. Staff will attend and participate in all mandatory training workshops, meetings, webinars and conference calls sponsored by PSO; will provide general criminal justice planning and coordination activities to the region; will notify PSO of any Public Information Act or media requests and will notify PSO of vacancies and subsequent replacements involving any staff position providing services under the Agreement.

**Funding Source:** Office of the Governor, Public Safety Office

**Primary Work Tasks:**

1. Staff will develop a working knowledge of the TAC Title 1, Part 1, Chapter 3; OOG's Guide to Grants; Uniform Grant Management Standards (UGMS); Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (2 CFR part 200); and any other state and federal statutes, rules, regulations, documents and forms applicable to COG-prioritized funding opportunities.<sup>3</sup> (PSO)
2. Staff will attend and participate in all mandatory training workshops, meetings, webinars and conference calls sponsored by PSO.<sup>3</sup> (PSO)
3. Staff will provide general criminal justice planning and coordination activities to the region.<sup>3</sup> (PSO)
4. COG will notify PSO of vacancies involving any staff position providing services under the Agreement and will notify PSO when a replacement is hired.<sup>3</sup> (PSO)
5. COG will notify PSO of any Public Information Act or media requests received relating to any application for PSO funding or PSO-funded grant program.<sup>3</sup> (PSO).

**Principle Performance Measures:**

To assist in meeting Agreement deliverables, staff is required to attend and participate in all mandatory training workshops, meetings, webinars and conference calls sponsored by PSO. COG staff will maintain a working knowledge of all rules and regulations related to PSO grant funding. COG will provide general criminal justice planning and coordination activities to the region. COG will notify PSO of all staff vacancies and subsequent replacements. COG will notify PSO of Public Information Act or media requests pertaining to PSO-funded programs.

**Results:**

All information pertaining to staff trainings, staff vacancies and technical assistance logs was submitted to PSO via the required monthly invoice documentation as described in Goal #3 above.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

# NCTCOG Emergency Preparedness Department Fiscal Year 2020 – 2021 Goals Accomplishment

## **Mitigation**

1. **Goal:** Reduce vulnerability and impacts of emergencies and disasters through sustained forward momentum for hazard mitigation planning, coordination, and project implementation in the NCTCOG region.

**Funding Source:** Hazard Mitigation Grant Program (HMGP), Building Resilient Infrastructure and Communities (BRIC) Program, Post Fire (PF) Mitigation Grants, and local funds.

**Attainment:** Met

### **Primary Work Tasks:**

1. Manage FEMA revisions for PDM-FY19-008, Johnson, Somervell, and Wise County HazMAPs and PDM-FY19-009, Ellis and Navarro County HazMAPs, and secure FEMA Approval Pending Adoption (APA) status. <sup>1,2,4</sup>
2. Submit applications under PDM-FY19 to update Ellis, Navarro, Johnson, Somervell, and Wise County HazMAPs, begin work on plans that are awarded. <sup>1,2,3,4</sup>
3. Complete PDM-FY17-001 and PDM-FY17-008 HazMAP updates for Erath, Hood, Hunt, Palo Pinto, and Parker counties, submit to TDEM and FEMA for review. <sup>1,2,3,4</sup>
4. Begin closeout of DR-4223-053 for the Safe Room Rebate Program. <sup>1,2,3</sup>
5. The Safe Room Rebate Program will retire December 2020. NCTCOG will keep the waitlist records in case there is a future program that will be implemented. <sup>1,2,3</sup>

### **Principal Performance Measures:**

1. Complete FEMA HazMAP revisions for PDM17 HazMAPs and submit to FEMA for APA status.
2. Facilitate adoption of the PDM17 HazMAPs updates by all participating jurisdictions by providing adoption information and a resolution template. Submit completed resolutions to FEMA through TDEM for final FEMA approval.
3. Work with TDEM on PDM-FY19 application. For planning grants awarded, secure data required to update HazMAPs, including planning teams, capabilities assessments, outreach strategies, hazard analysis, risk assessment, mitigation action items and strategies, changes in development and priorities, and plan integration and maintenance.
4. Complete final data for PDM-FY19 plans, secure approval of data from each participating jurisdiction. After local approval, submit plans to TDEM for review, make recommended changes, and send TDEM approved plan to FEMA for review.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

5. Evaluate new Safe Room grant opportunities for financial feasibility, submit applications for additional funds as opportunities and financial considerations allow.

**Results:**

1. Tarrant County HazMAP was approved on March 23, 2020 and will expire in five years on March 22, 2025.
2. Erath County HazMAP was approved on May 19, 2021 and will expire in five years on May 18, 2026.
3. Hood County HazMAP was approved on June 4, 2021 and will expire in five years on June 3, 2026.
4. Hunt County HazMAP was approved on August 12, 2021 and will expire in five years on August 11, 2026.
5. Palo Pinto County HazMAP was approved on June 30, 2021 and will expire in five years on June 29, 2026.
6. Parker County HazMAP was approved on May 5, 2021 and will expire in five years on May 4, 2026.
7. PDM-FY19-008 Planning Grant awarded for Johnson, Somervell, and Wise counties. POP November 19, 2020, to November 18, 2023.
8. PDM-FY19-009 Planning Grant awarded for Ellis and Navarro counties. POP November 19, 2020, to November 18, 2023. RFIs were requested in the fall of 2020.
9. DR-4223 Extension was granted.
10. Safe Room Rebate Program retired in 2020 due to the lack of feasibility to continue.

**Urban Area Security Initiative (UASI)**

1. **Goal:** Assist the Dallas, Fort Worth, and Arlington Urban Area with the coordination, implementation, monitoring, and management of their Homeland Security Grant Program.

**Funding Source:** 2020 Urban Area Security Initiative (UASI) funds.

**Attainment:** Met

**Primary Work Tasks:**

1. Administer the 2020 Urban Area Security Initiative (UASI) program.<sup>1</sup>
2. Prepare and report on the status of projects for Dallas, Fort Worth, and Arlington Urban Area required by FEMA or the OOG.<sup>2,3</sup> (DHS, Office of the Governor (OOG))
3. Facilitate meetings and answer grant related questions on the behalf of the Dallas, Fort Worth, and Arlington Urban Area. These meetings include: UAWG and other homeland security related working groups.<sup>1</sup>
4. Complete and submit Investment Justifications for the D/FW/A UASI by the required deadlines.<sup>2,3</sup>
5. Provide technical assistance to UASI subgrantees in the NCTCOG region.<sup>1,3</sup>

**Principal Performance Measures:**

1. Update the UASI PPOCs and grant recipients on grant changes/updates and project status.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

2. Gather information or generate reports for the D/FW/A UASI for submission to the state and/or federal agencies.
3. Conduct UAWG and working group meetings to update stakeholders on grant requirements and activities.
4. Complete and submit the D/FW/A UASI Investment Justifications by the required state and federal deadlines.
5. Provide technical assistance and/or training to jurisdictions when they have questions and serve as a liaison between the jurisdictions and the OOG to help facilitate project completion.

**Results:**

1. UASI PPOCs and grant recipients were provided status updates via TEAMS Meetings, conference calls, or emails.
2. Reallocation reports were collected and submitted to the OOG during the year.
3. A UAWG meeting was conducted as well as several SWAT, EOD, HazMat, USAR, and Fusion Center working group meetings throughout the year.
4. The FY2021 UASI Investment Justifications (IJs) were written and submitted to the OOG by the required deadline.

**State Homeland Security Program (SHSP)**

1. **Goal:** Manage and administer the State Homeland Security Program (SHSP) grant in the North Central Texas region.

**Funding Source:** 2019, 2020 State Homeland Security Program funds

**Attainment:** Met

**Primary Work Tasks:**

1. Create a grant timeline with critical dates and deadlines. <sup>1</sup>
2. Coordinate with regional working groups and other regional committees to ensure completion of assigned tasks. <sup>1,3</sup>
3. Complete and submit SHSP Projects to the State to be written into the State's Investment Justifications. <sup>3</sup>
4. Manage grant eligibility for the region. <sup>1,3</sup>
5. Manage and administer regional SHSP projects. <sup>1,4</sup>

**Principal Performance Measures:**

1. Using grant timeline as a guide, complete tasks by assigned dates.
2. Ensure all working groups and committees have the appropriate knowledge of the regional grant process and state/federal guidelines so that tasks are completed accurately.
3. Submit SHSP reports by federal/state required deadlines.
4. Provide grant eligibility requirements to local jurisdictions and clarify requirements when needed.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

5. Facilitate grant projects for the regional working groups by relying on their subject matter expertise and ensuring all procurement processes are followed in accordance with federal/state/local requirements.

**Results:**

1. Created and distributed the FY21 SHSP Timeline and executed the tasks identified in the timeline by their assigned dates.
2. Provided all working groups and committees with the necessary knowledge and information to successfully execute the project approval process in accordance with state and federal guidelines.
3. Submitted biannual reports in a timely fashion as required by the SHSP program.
4. Provided regional stakeholders with guidelines and information on grant eligibility requirements as needed.
5. NCTCOG staff worked alongside working group subject matter experts to execute the procurement of all services and requirements for the execution of project goals and objectives.

2. **Goal:** Facilitate the Regional Emergency Preparedness Advisory Committee (REPAC).

**Funding Source:** 2020 SHSP funds.

**Attainment:** Met

**Primary Work Tasks:**

1. Prepare for and facilitate regional meetings. Ensure REPAC Chairs are prepared and informed on meeting topics. Ensure all federal, state, and local priorities and objectives are provided to REPAC members. <sup>1,2,3</sup>

**Principal Performance Measures:**

1. Plan effective and efficient REPAC meetings so all members are informed of federal, state, and regional priorities and objectives.

**Results:**

1. NCTCOG staff successfully instituted a new virtual process that has ensured the successful facilitation of all meetings and has achieved all goals and objectives for the program.

**Citizen Corps**

1. **Goal:** To build community and individual preparedness and resiliency, support local jurisdictions and first responders, and act as trained force multipliers in the face of emergencies and disasters through north central Texas Citizen Corps programs.

**Funding Source:** 2019 and 2020 SHSP Grants.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Attainment:** Partially met

**Primary Work Tasks:**

1. Maintain the Citizen Corps Program (CCP) website with current information pertaining to the Regional Citizen Corps Council and contributing Citizen Corps programs. Post Regional Citizen Corps Council meeting information.<sup>1</sup>
2. Facilitate Regional Citizen Corps Council meetings. Provide information impacting regional CCPs to chairs, program leads, and members.<sup>1,2,3,4</sup> (FEMA, TARC, CCP jurisdictions)
3. Oversee 2020 SHSP/CCP Grant project implementation and management; facilitate 2021 SHSP/CCP Grant application process to continue support of local Citizen Corps programs and regional program coordination. <sup>1,2,3,4</sup> (FEMA, OOG, CCP jurisdictions)
4. Coordinate with the state Citizen Corps manager to ensure state CCP goals and objectives are supported regionally.<sup>1,3</sup> (TARC)
5. Support the Regional Citizen Corps Council through facilitated training, dissemination of information and local/regional project support.<sup>1,4</sup> (CCP jurisdictions)

**Principal Performance Measures:**

1. Regional Citizen Corps Coordinator will monitor the CCP website and update regularly with meeting schedules and relevant program information.
2. Regional CCP Coordinator will coordinate and facilitate quarterly Regional Citizen Corps Council meetings and convey information from Federal (FEMA) and State levels (State Citizen Corps Manager) as appropriate.
3. Regional Citizen Corps Council and Coordinator will plan and execute a regional CCP exercise in 2021; Regional Citizen Corps Council will direct 2021 SHSP/CCP grant project request(s) and priorities. Regional CCP coordinator will stay apprised of current SHSP grant guidance and convey information to the Regional Citizen Corps Council as needed to ensure project eligibility.
4. Regional Coordinator will collaborate with State CCP Manager via phone, email, and meetings as appropriate to ensure support of State CCP goals and objectives.
5. As resources and pandemic protocols permit, facilitate CERT Train-the-Trainer and other trainings or exercises through the Regional Citizen Corps Council or Coordinator. Disseminate information through meetings, email, phone, or the CCP website; facilitate project support through available funding for supplies and equipment.

**Results:**

1. Meeting dates, resources, and other information kept current on CCP website.
2. Coordinator facilitated regional Citizen Corps Council meetings, disseminated information to/from State and Federal partners; trainings and relevant program information was conveyed in a timely manner.
3. 2020 SHSP/CCP Grant project was implemented and completed.
4. 2021 SHSP NOFO (grant guidance) was conveyed, projects approved by REPAC/EPPC, and allocations made to support regional exercise and coordinator per Regional Citizen Corps Council Working Group.
5. Regular communication between the Texas State Citizen Corps Manager resulted extra resources for NCT.
6. No CERT Train the Trainer or CERT Master Instructor were conducted in 2020/2021.
7. The 2020 Exercise has been rescheduled to March 2022 due to COVID-19.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

## **Public Education**

1. **Goal:** To increase public education on preparing and responding to emergencies and disasters in the region by maintaining and expanding the KnoWhat2Do campaign with continuing public outreach efforts, collaboration with regional partner associations, and updating of educational materials.

**Funding Source:** 2020 SHSP

**Attainment:** Met

### **Primary Work Tasks:**

1. Add disaster recovery section to the website under safety plans section.<sup>4</sup>
2. Create a uniformed message video from Emergency Managers within the region for the importance of emergency preparedness.<sup>1, 3, 4</sup>
3. Purchase additional educational materials to aid in public outreach efforts.<sup>1,2,3,4</sup>
4. Continue participating in public outreach activities throughout the region to meet the needs of the community and inform them of the program.<sup>1,2,3,4</sup>

### **Principal Performance Measures:**

1. Working group committee will come up with helpful information for disaster recovery.
2. Work with selected vendors to create a public service announcement video.
3. Research new educational materials for continued support of Knowwhat2Do.
4. Participation in local public education events, website analytics, responses to request forms submitted through website.

### **Results:**

1. Disaster recovery section was added to the website under safety plans section.  
<https://knowwhat2do.com/local-hazards/disaster-recovery/>.
2. A new 30 second Public Service Announcement video with local Emergency Managers to encourage preparedness and awareness.
3. Children's activity books, guidebooks, informational cards were purchased to distribute at public events.
4. Local jurisdictions have requested materials for public emergency preparedness events throughout the year.

## **Administration and Communication**

1. **Goal:** Continue to provide professional communication and project implementation support to the jurisdictions in the NCTCOG region and within the EP Department through exceptional products and services.

**Funding Source:** 2020 and 2021 SHSP and UASI Grants, Mitigation funds, and FY2020/2021 local membership dues.

**Attainment:** Met

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Primary Work Tasks:**

1. Streamline processes and procedures to ensure department efficiency.<sup>1</sup>
2. Facilitate and host meetings supporting the NCTCOG region.<sup>1</sup>
3. Utilize multiple forms of communication to provide resources, data, staff assistance, timely and professional communication, and other support to local emergency management in the NCTCOG region. <sup>1,4</sup>
4. Ensure current emergency management and preparedness contact information is available to the region.<sup>1</sup>
5. Enhance staff skills through training and educational opportunities.<sup>1</sup>

**Principal Performance Measures:**

1. Adopt new technological capabilities and organizational skills as time and financial resources permit.
2. Provide meeting space and staff assistance for regional council, committee, and working group meetings.
3. Timely respond to NCTCOG region requests through email and telephone and continue providing pertinent emergency management information through websites and newsletters.
4. Maintain contact databases and Listservs with current information.
5. Seek professional training to enhance administrative efficiency as time and financial resources permit.

**Results:**

1. Adopted new technological capabilities within Microsoft products such as Microsoft Forms.
2. Continued to host multiple virtual regional meetings due to the pandemic.
3. The Emergency Preparedness department continues to maintain a response time of 24 hours or less to return emails and phone calls.
4. Continued use of L-Soft listserv software to maintain regional email communications. New lists were added to ensure widespread distribution and involvement. On-going updates of 24-hr POC list to ensure accurate stakeholder information.
5. Seek professional training to enhance administrative efficiency as time and financial resources permit.

**Training**

1. **Goal:** Facilitate, support, and coordinate homeland security trainings in the region.

**Funding Source:** 2019/2020 SHSP and UASI funds.

**Attainment:** Partially met

**Primary Work Tasks:**

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



1. Coordinate with local, state, federal and private partners to bring trainings into the NCTCOG region.<sup>1,4</sup>
2. Provide training support to OOG, TDEM and locals jurisdictions in locating trainings, instructors, and facilities.<sup>1</sup>
3. Coordinate with Regional Working Groups to identify recurring position-specific training needs.<sup>1,4</sup>

***Principal Performance Measures:***

1. Support training needs based on the priorities identified in the Regional Multi-Year Training and Exercise Plan (MYTEP), 2016 NCT Regional Full-Scale Exercise After Action Report and Improvement Plan (AAR/IP), the Regional Training and Exercise Working Group, or stakeholders in the NCTCOG region.
2. Coordinate with TDEM, DHS, DSHS and other training sources to bring training opportunities to the region.
3. Coordinate with Regional Training and Exercise Working Group to build a cadre of regional instructors capable of teaching ICS 300, 400, and position-specific training throughout the region.
4. Maintain a training schedule of recurring training opportunities for the NCTCOG region.

***Results:***

1. Communicated with the Training and Exercise Working group to determine which classes the region needed.
2. Coordinated with TDEM and TEEEX to bring trainings to the region.
3. Multiple iterations of ICS 300, 400, and numerous position-specific training were conducted throughout the region in-person.
4. A recurring training schedule was not created due to the reduced number and variation of classes being conducted by all our training agencies.

**Exercise**

1. **Goal:** Support state and local jurisdictions in exercise planning, development, and coordination.

***Funding Source:*** 2019/2020 SHSP and UASI funds.

***Attainment:*** Partially met

***Primary Work Tasks:***

1. Coordinate and facilitate planning initiatives relevant to the Regional MYTEP and 2016 NCT Regional Full-Scale Exercise After-Action Report and Improvement Plan (AAR/IP)<sup>1,4</sup>
2. Develop or provide technical assistance for local jurisdictions creating multi-year training and exercise plans.<sup>1</sup>
3. Coordinate and execute multidisciplinary, multijurisdictional regional exercises as appropriate.<sup>1,4</sup>
4. Promote efficiency in exercise design through increased communication, notification, and information sharing of exercises in the NCTCOG region.<sup>1,4</sup>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

***Principal Performance Measures:***

1. Successful design, development, and execution of regional MYTEP midterm exercises (Mid-X).
2. Conduct HSEEP compliant AAR/IP for Mid-X.
3. Provide HSEEP training as needed for exercise planning teams.
4. Assist in coordination and execution of regional workshops and tabletop exercises.
5. Provide local EP members with technical assistance in exercise design, conduct, and evaluation upon request.

***Results:***

1. Provided technical assistance to jurisdictions.
2. No exercises have been conducted since March 2020 this task was not completed due to the cancellation of all exercises in the region.

***Interoperability***

1. **Goal:** Support local jurisdictions by promoting regional interoperability of public safety communications systems.

***Funding Source:*** 2019/2020 SHSP, and FY2019/2020 local membership dues.

***Attainment:*** Partially Met

***Primary Work Tasks:***

1. Coordinate and facilitate planning initiatives relevant to interoperable communications.<sup>1,3,4</sup>
2. Coordinate Communications Technician (COMT), Communications Unit Leader (COML), Train-the-Trainer courses, and/or Interoperability 101 courses as-needed.<sup>1,3,4</sup>
3. Serve as regional point of contact for the Statewide Interoperability Communications Plan (SCIP) Executive Council.<sup>1,3</sup>
4. Coordinate with the SCIP and the Statewide Interoperability Coordinator (SWIC) to support and collect regional data addressing the Public Safety Broadband Program.<sup>1,3</sup>

***Principal Performance Measures:***

1. Successful coordination of quarterly meetings of the Public Safety Communications Governance Committee.
2. Host COMT, COML, and Interop 101 courses in North Central Texas as needed; or, as funding is available.
3. Participate in SCIP Executive Council conference calls and meetings.
4. Collect coverage mapping data from jurisdictions and submit to the state to be included in the state's Public Safety Broadband plan.
5. Successfully complete SHSP projects within grant performance periods.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Results:**

1. Quarterly interop meetings were conducted.
2. Interop training classes were not conducted.
3. Did not collect coverage mapping data from jurisdictions or submit to the state to be included in the state's Public Safety Broadband plan.
4. COG staff participated in SCIP Executive Council conference calls that were conducted.

**Collaborative Adaptive Sensing of the Atmosphere (CASAWX)**

1. **Goal:** Provide decision makers more timely and effective information during weather events that increase the effectiveness of warnings, notifications, response actions, timely recovery, and situational awareness that would likely save lives and reduce damage to property in the region.

**Funding Source:** Engineering Research Center for CASA, FY2020 & FY2021 local jurisdiction membership dues, grants, and private/public partnerships.

**Attainment:** Met

**Primary Work Tasks:**

1. Continue planning for the Collaborative Adapting Sensing of the Atmosphere (CASA WX) project maintain the seven weather radars already installed in the NCTCOG region.<sup>1,4</sup>
2. Continue collaborative partnerships with regional stakeholders and establish private industry support for the CASA WX project in north central Texas.<sup>1,4</sup>
3. Operate the seven weather radars already installed at existing partner sites.<sup>1,4</sup>
4. Conduct meetings or conference calls to determine data needs and adjust CASA capabilities to support identified needs.<sup>1,4</sup>

**Principal Performance Measures:**

1. Regular planning calls with local CASA WX Leadership and CASA are conducted to ensure project moves forward.
2. Public sector support through memberships is continued, and private sector support to install and maintain the CASA project is pursued and established.
3. Existing radars are operational and additional radars are installed.
4. New data/capability needs are identified and resulting CASA products/services developed and implemented.

**Results:**

1. Regular planning meetings and calls with CASA WX leadership were conducted on a regular basis.
2. Public sector support through membership was continued 2020-2021; private sector support continues, and some traction gained; however, this is ongoing and will continue into the next year.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

3. All seven existing radars were maintained as needed to remain operational; no new radars were installed.

2. **Goal:** Facilitate the CASA WX Executive Council to move the project forward.

**Funding Source:** Engineering Research Center for CASA, local jurisdiction membership dues, private/public partnerships.

**Attainment:** Met

**Primary Work Tasks:**

1. Host Executive Council meetings where all parties can meet, discuss, and collaborate. <sup>1,4</sup>
2. Project administration and support to CASA and Executive Council. <sup>1</sup>

**Principal Performance Measures:**

1. Meetings, conference calls, and individual discussions are held regularly and as needed.
2. Regular coordination of regional CASA planning and finance administration are maintained.

**Results:**

1. Meetings, conference calls, and individual discussions were held regularly and as needed.
2. Regular coordination of regional CASA planning and finance administration were maintained as planned.

## **Integrated Warning Team**

1. **Goal:** Emergency Management Coordinators, first responders, the National Weather Service, educational institutions, broadcast and print media, and regional transportation and public works officials disseminate time sensitive information through coordination and support to increase warning effectiveness in the region.

**Funding Source:** FY2020-2021 EP Membership dues with National Weather Service Support.

**Attainment:** Not met

**Primary Work Tasks:**

1. Continue to identify and maintain best practices to communicate hazardous weather information. <sup>1</sup>
2. Identify and implement tools and resources to efficiently distribute time sensitive information. <sup>1</sup>
3. Continue to build partnerships among Emergency Management Coordinators, National Weather Service, Public Information Officers, state agencies, including Texas Department of Transportation, and other stakeholders. <sup>1,2,3,4</sup>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

***Principal Performance Measures:***

1. Host annual or semi-annual planning session(s) with interested parties to discuss, formulate, apply, and maintain best communication practices and training opportunities. Dependent on COVID-19 Situation.
2. Establish and maintain brief advisory of do's and don'ts when disseminating hazardous weather messages.
3. Coordinate and facilitate Integrated Warning Team planning meetings.

***Results:***

1. No IWT Planning meetings were discussed or conducted.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

# NCTCOG ENVIRONMENT and DEVELOPMENT DEPARTMENT

## Fiscal Year 2020 - 2021 Goals Accomplishment

The North Central Texas Council of Governments (NCTCOG) Environment & Development Department supports three strategic issues involving Solid Waste Management, Watershed Management, and Development Excellence.

### **Solid Waste Management**

NCTCOG supports the goals and objectives of the Regional Solid Waste Management Plan: Planning for Sustainable Materials Management in North Central Texas.

1. **Goal:** Support regional solid waste materials management education and training, promote creation and expansion of materials management programs, measure regional waste reduction efforts, support innovative technologies for other waste, and promote collaborative public/private sector partnerships.

**Funding Source:** Texas Commission on Environmental Quality (TCEQ) Municipal Solid Waste Program, Environmental Protection Agency (EPA)

**Attainment:** Met

#### **Primary Work Tasks:**

1. Provide staff support to the Resource Conservation Council (RCC), the solid waste advisory committee, and subcommittees.<sup>3</sup>(TCEQ)
2. Coordinate with federal, state, and local partners to support solid waste management initiatives and maintain compliance with solid waste management planning laws and regulations.<sup>3</sup>(TCEQ)
3. Maintain Closed Landfill Inventory (CLI) and respond to CLI requests for information.<sup>3</sup>(TCEQ)
4. Administer an EPA Anaerobic Digestion for Communities grant, primarily conducting a regional study evaluating food waste and anaerobic digestion potential in the North Central Texas region.<sup>2</sup> (EPA)

#### **Principal Performance Measures:**

1. Support and host at least two RCC meetings.
2. Update the solid waste website as needed, produce public outreach materials, update Regional Solid Waste Management Plan documents as needed, monitor legislation, and coordinate with government entities and other stakeholders.
3. Respond to CLI requests for information and technical assistance; produce digital copies of all paper landfill reports, as requested.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

4. Develop a stakeholder group and undergo a regional study process to evaluate food waste and other organics as a feedstock for anaerobic digestion and the production of renewable natural gas.

**Results:**

1. Supported and hosted four RCC meetings.
  2. Updated the solid waste websites, including Report DFW Dumping, Time to Recycle, and the Environment & Development webpages, which had a combined total of 200,054 pageviews; produced public outreach materials and other materials associated with the Know What To Throw Campaign; monitored 34 state legislative bills related to solid waste during the 87<sup>th</sup> Texas Legislative Session; and coordinated with government entities and other stakeholders on grant funding and the regional project, the Western Region Solid Waste Capacity Study (Study), where NCTCOG held six meetings of the Policy Advisory Group to receive input on the Study, reviewed materials from the contractor, and developed and updated the project website, which can be found here: [www.nctcog.org/westernsolidwaste](http://www.nctcog.org/westernsolidwaste).
  3. Responded to 27 inquiries into the status of the Closed Landfill Inventory sites within ten days of data request.
  4. Hosted three stakeholder webinars showcasing regional projects on organic waste diversion and renewable natural gas (RNG); initiated the EPA-funded North Texas Organic Waste to Fuel Feasibility Study in partnership with the University of Texas – Arlington; began developing a Project Advisory Group to provide input on organic waste and RNG goals in the region.
2. **Goal:** Support local government solid waste management programs and project implementation.

**Funding Source:** Texas Commission on Environmental Quality (TCEQ) Municipal Solid Waste Program

**Attainment:** Met

**Primary Work Tasks:**

1. Administer the regional solid waste funding program.<sup>3</sup>(TCEQ)
2. Provide technical assistance to member governments as they implement their solid waste management initiatives.<sup>3</sup>(TCEQ)

**Principal Performance Measures:**

1. Perform call for projects, score solid waste grant applications, execute interlocal agreements, and manage the grant projects.
2. Engage calls and meetings for prospective grant applicants, develop and post resources for current grantees to website and provide technical assistance as needed.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Results:**

1. Performed the call for projects, scored 22 solid waste grant applications with assistance from the RCC Grant Selection Subcommittee, and awarded 13 grants to 12 separate entities.
  2. Hosted one preapplication webinar and provided technical assistance to the region by responding to questions via phone and email, developed and posted resources for grant applicants, including Grant Application Guidelines and a recording of the preapplication webinar.
3. **Goal:** Support the technical capacity and best practices amongst local governments, the public, and other stakeholders related to solid waste management topics.

**Funding Source:** Texas Commission on Environmental Quality (TCEQ) Municipal Solid Waste Program

**Attainment:** Met

**Primary Work Tasks:**

1. Provide education and training opportunities for local government staff, committees, the public, and other stakeholders to increase their knowledge of solid waste management issues.<sup>3</sup>(TCEQ)
2. Develop and/or maintain regional information resources including TimetoRecycle.com, ReportDFWdumping.org, and other social media and outreach assets.<sup>3</sup> (TCEQ)

**Principal Performance Measures:**

1. Host meetings, trainings, and technical assistance workshops for local government staff and other interested parties.
2. Provide performance measures related to social media and outreach assets.

**Results:**

1. Hosted five COVID-19 Solid Waste Response Conference Calls, three Recycle Roundtable meetings; developed a toolkit for stakeholders in response to Senate Bill 1376; made five presentations to partner associations; hosted a regional scrap tire stakeholder meeting; and attended 18 association meetings and conferences to increase knowledge of current solid waste activities.
2. Received and logged 662 illegal dump site reports from ReportDFWDumping.org and the hotline and forwarded these reports to the appropriate city or county authorities for cleanup action. The TimetoRecycle.com website had 177,476 pageviews and the ReportDFWDumping.org website had 13,305 pageviews.

**Watershed Management**

NCTCOG supports objectives that help local governments achieve safe corridors where flooding is reduced, clean corridors where water quality meets or exceeds state standards, and green

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



corridors where ribbons of greenways are tied together for ecological benefits and recreational and mobility opportunities.

**4. Goal:** Reduce flooding through proper management of watersheds and stream corridors.

**Funding Source:** Cost Shared Funding from Local Government Participants, Regional Transportation Council (RTC) Local, Transportation Development Credits (TDC), Surface Transportation Block Grant (STBG), Federal Emergency Management Agency (FEMA) – Region VI, Texas Water Development Board (TWDB)

**Attainment:** Met

**Primary Work Tasks:**

1. Reduce flooding risks along the Trinity River Corridor through a continuation of the Trinity River COMMON VISION Program. <sup>4</sup>(Trinity River COMMON VISION Signatories)
2. Continue partnerships of federal, state, and local partners to document, organize, provide training for, and improve upon studies and mapping for flood hazard needs throughout the region; and, support other regional collaborative efforts such as cooperative purchases, deployment of flood warning devices. <sup>2</sup>(FEMA)
3. Support increased understanding and awareness through floodplain and watershed management training to local community leaders and floodplain managers. <sup>2,4</sup>(FEMA, Trinity River COMMON VISION Signatories)
4. Initiate efforts to conduct a sub-region comprehensive integrated transportation, stormwater, and environmental planning process in the Upper Trinity River watersheds, including conducting stakeholder engagement, data collection, modeling, and developing resources and tools for local governments to reduce flood risk and minimize downstream stormwater impacts. <sup>2,3,4</sup>(TWDB, RTC, TDC, STBG)

**Principal Performance Measures:**

1. Host meetings of COMMON VISION Program committees and carry out approved annual work program.
2. Carry out grant activities associated with NCTCOG's role as a FEMA Cooperating Technical Partner (CTP) through associated Mapping Activity Statements, Project Management, and other Scopes of Work, including continuing flood studies and mapping for Mary's Creek, Harriet Creek, and Waxahachie Creek; initiate flood studies and mapping for Catherine Branch; and, continue activities to develop and carry out CTP Business Plan in cooperation with FEMA and the TWDB; and, support local initiatives to procure flood detection equipment or services.
3. Host periodic floodplain and watershed management related education and outreach. Conduct Community Health and Resource Management (CHARM) workshops.
4. Host stakeholder meetings, collect data sets for the project area, initiate contracts with partner organizations, and carry out approved scope of works for each funding source.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Results:**

1. Hosted one Trinity River Common Vision Steering Committee meeting and five meetings of the Flood Management Task Force, carried out all measures called for in the annual work program, and oversaw the Corridor Development Certificate (CDC) process for the 17 CDC applications received this year.
  2. Completed the FY2018 Mary's Creek Study; continued progress on FY2019 Harriet Creek and Waxahachie Creek flood risk identification studies; initiated the FY2020 Catherine Branch flood risk identification study; and produced and submitted the FY2021 Business Plan resulting in funding of one Community Outreach and Mitigation Strategies (COMS) Project to advance CHARM workshops, two flood risk identification projects (East Fork and Hog Branch), program management, and an Upper West Fork Trinity Discovery. Continued overseeing promotion and community adoption of the OneRain regional early flood warning software.
  3. Hosted a virtual four-day floodplain management course in partnership with FEMA and TWDB; hosted three CRS Users Group virtual workshops, including the annual Combined CRS Users Group/Elected Officials Floodplain Management Seminar; began preparation for a community CHARM workshop to be conducted in Spring 2022.
  4. Prepared and submitted initial and final application to the Texas Water Development Board for \$3 million in funding to support the Transportation and Stormwater Integration (TSI) project, which included \$3M match from the Surface Transportation Block Grant (STBG) funds from the Regional Transportation Council. Conducted survey of TSI cities and counties to collect initial watershed management data. Prepared scope of works and had one project kick-off meeting with TSI project partners.
5. **Goal:** Support regional water quality and wastewater initiatives to meet water quality requirements, improve quality of life, and accommodate future growth.

**Funding Source:** Cost Shared Funding from Local Government Participants, Texas Commission on Environmental Quality (TCEQ), Environmental Protection Agency (EPA)

**Attainment:** Met

**Primary Work Tasks:**

1. Administer the Water Resources Council (WRC), the Total Maximum Daily Load (TMDL) Coordination Committee and TMDL Technical Subcommittees, and other regional water quality groups as identified. <sup>3</sup>(TCEQ)
2. Support a regional stormwater management program that addresses stormwater monitoring, illicit discharge and detection controls, pollution prevention, and public education.<sup>4</sup>(Regional Stormwater Management Coordinating Council)
3. Support a clean sewers program that builds upon local initiatives to maintain the capacities of sanitary sewer infrastructure and reduce sanitary sewer overflows. <sup>4</sup>(Wastewater And Treatment Education Roundtable (WATER))
4. Document regional water quality initiatives and programs.<sup>3</sup>(TCEQ)
5. Coordinate with federal, state, and regional partners to continue planning and implementation of water quality plans, programs, and projects related to water quality impairments. <sup>3</sup>(TCEQ)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

6. Coordinate and execute EPA grant funded activities associated with reducing aquatic debris in waterways in partnership with the Houston Galveston Area Council and Texas State University.<sup>2</sup> (EPA)

***Principal Performance Measures:***

1. Host at least four WRC meetings, one TMDL Coordination Committee meeting, one Upper Trinity Regional Coordinating Committee meeting, one North Central Texas Watershed Stakeholders Watershed Protection Plan Roundtable Meeting, and TMDL Technical Subcommittee meetings as needed.
2. Host quarterly Regional Stormwater Management and Public Education Task Force meetings, two Pollution Prevention Task Force meetings, and triannual Illicit Discharge Detection and Elimination task force meetings, monitoring task force meetings and complete annual work program projects.
3. Host at least four meetings of the WATER committee; facilitate outreach to the general public related to the Defend Your Drains campaign through the creation of outreach materials; coordinate and promote the Holiday Grease Roundup for collecting fats, oils, and greases (FOG); and, maintain DefendYourDrainsNorthTexas.com website.
4. Coordinate the review, public participation, NCTCOG adoption, and transmittal to TCEQ of the updated Water Quality Management Plan. Document regional opportunities to conduct water quality planning efforts such as Watershed Protection Planning.
5. Support development of tools and resources, provide data, host at least two workshops, and attend or host other meetings that further water quality/watershed initiatives.
6. Host webinars, conduct surveys, develop toolkits, and update the Trash Free Texas website with Adopt-a-Spot locations to reduce aquatic debris.

***Results:***

1. Hosted 4 WRC Meetings, one TMDL Coordination Committee Meeting, 5 TMDL Technical Subcommittee meetings, two Upper Trinity River Basin Coordinating Committee meetings, and one North Central Texas Watershed Stakeholders meeting.
2. Hosted four RSWMCC meetings, one Pollution Prevention Task Force (P2) meeting, four Public Education Task Force (PETF) meetings, created Social Media Templates and/or Toolkits for regional Stormwater Public Education Task Force programs (Texas SmartScape, Doo the Right Thing, Aquatic Plastic Pollution Prevention); administered annual public Doo The Right Thing online photo contest; completed development of North Texas Community Cleanup Challenge website; launched first ever North Texas Community Cleanup Challenge; held four webinars/trainings for stormwater programs (Rethinking Approach to Rain Gardens and Green Infrastructure, North Texas Community Cleanup Challenge Informational Webinar, and Healthy Creeks and Waterways – Vegetation and the Flow of Healthy Waterways); co-hosted 2 joint webinars/trainings with related programs (Wrangling Trash from Waterways – Texas Style and Municipal BMP “Show and Tell”); completed Spanish translations of 6 videos on preventing stormwater pollution (Introduction: What Can We Do; Fleet Maintenance and Material Handling; Street and Drainage Maintenance; Construction Activities and Land Disturbances; Parks and Ground Maintenance; and Solid Waste Management); held 3 IDDE Task Force meetings, and facilitated the Intermediate/Advanced Dry Weather Workshop; submitted the Regional Wet Weather Characterization Report, conducted 2 Stormwater Monitoring meetings, and created and distributed a

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

spreadsheet to assist monitoring members with Best Management Practice Analysis and Evaluation Plan (BANEP) items.

3. Hosted three meetings of the WATER committee, hosted one Grease Interceptor Inspection Training and Roundtable; facilitated outreach to the general public via Twitter, Facebook, and Instagram (paid and unpaid promotional activities) and created four educational explainer videos related to Defend Your Drains North Texas; coordinated and promoted the Holiday Grease Roundup with 33 participants and 6,700 gallons of grease/cooking oil collected; maintained the DefendYourDrainsNorthTexas.com website. The DefendYourDrainsNorthTexas.com website had a total of 20,852 pageviews, and the associated social media pages had a combined total of 152,681 impressions.
4. NCTCOG produced a draft 2021 Water Quality Management Plan (WQMP) that was made available for a 30-day public review period on May 28, 2021. The draft 2021 WQMP was recommended for endorsement by the WRC on July 14, 2021, and then was formally endorsed by the NCTCOG Executive Board on August 26, 2021. NCTCOG submitted the final 2021 WQMP to the Texas Commission on Environmental Quality (TCEQ) on August 27, 2021, and TCEQ approved it on October 11, 2021. The 2021 WQMP includes an annual update of watershed protection plan (WPP) activities in the region and NCTCOG attended several WPP meetings: The kickoff meeting for the Joe Pool Lake WPP on November 12, 2020, the Richland-Chambers WPP Stakeholders virtual meeting on February 24, 2021, the Joe Pool Lake WPP meeting on March 17, 2021, and the kickoff meeting of the Rowlett Creek Watershed Characterization Project on May 20, 2021. NCTCOG also emailed notices of WPP meetings to our relevant distribution lists.
5. NCTCOG finalized the design and resources for the [Water for North Texas Online Library](#) and made it publicly available in February 2021. In August 2021, NCTCOG developed, along with input from the WRC, an outreach video titled [Importance of Properly Maintained Water and Wastewater Infrastructure](#). The video has 163 views. NCTCOG hosted 4 water quality related workshops/webinars: 1) *Watershed Protection Plans in North Central Texas: A Virtual Roundtable* (November 30, 2020. 113 attendees); 2) *Problematic Invasive Species and Their Impact on Water Quality in North Texas* (February 23, 2021. 82 attendees); 3) *Municipal BMP Show and Tell* (May 11, 2021. 133 attendees); and 4) *U.S. EPA Actions to Address PFAS (Per- and Polyfluoroalkyl Substances)* (August 31, 2021. 88 attendees). NCTCOG also provided on-site sewage facility data and other information as requested by WPP stakeholders.
6. NCTCOG conducted two pre-project surveys, one geared to litter clean-up volunteers and coordinators, the other to Texas COGs; Held one project related webinar (Trash Free Texas Webinar: Connecting Volunteers with Litter Cleanup Locations); Co-Hosted two joint webinars with a related program (Wrangling Trash from Waterways – Texas Style, and North Texas Community Cleanup Challenge Informational Webinar); Developed a NCTCOG Trash Free Waters project website and newsletters ([www.nctcog.org/trashfreewaters](http://www.nctcog.org/trashfreewaters)); Made a presentation and discussed the project with Texas COGs at a meeting of the Texas Association of Regional Councils on March 30, 2021; Coordinated with communities and restaurant stakeholders in North Central Texas and Houston regions at the Recycle Roundtable meeting on April 1, 2021; Researched and documented existing resources and tools for restaurants, coordinated with the Texas Restaurant Association, and conducted a survey of Texas-based restaurants all in an effort to develop a potential pilot program and toolkit for restaurants to help reduce the use of single-use plastics; Coordinated with Keep Texas Beautiful and the Houston Advanced Research Center to get a link of the Texas Litter Database added to Trash

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Free Texas website; Held the first of three Recreation and Litter Cleanup Advisory Group meetings; Drafted toolkits to be posted on Trash Free Texas website (Mayor's Challenge Toolkit and Local Government Trash Reduction and Educational Toolkit); Assisted with the development of a "Frequently Asked Questions" document that was posted to the Trash Free Texas website; Posted to social media accounts about the project; Assisted project partners with having 17 entities add 635 Adopt-a-Spot locations to the Trash Free Texas map.

6. **Goal:** Promote watershed initiatives that support strategic conservation of open spaces, provide a network of improved ecosystem benefits, provide recreational opportunities, and encourage efficient water use.

**Funding Source:** Cost Shared Funding from Local Government Participants, Texas Commission on Environmental Quality (TCEQ), Regional Toll Revenue Funding (Texas Department of Transportation, TxDOT)

**Attainment:** Met

**Primary Work Tasks:**

1. Support local governments and other partners to apply strategic conservation through development and use of mitigation and environmental planning tools, and document return on investment of the use of certain environmental measures in transportation planning.<sup>3,4</sup>(TCEQ, TxDOT)
2. Support local government efforts to address water conservation initiatives and programs.<sup>3</sup>(TCEQ)
3. Pursue advancement of Green Infrastructure and Low Impact Development strategies in the region.<sup>4</sup>(Regional Public Works Program Participants)

**Principal Performance Measures:**

1. Host regional workshops and trainings and attend partner meetings to promote the conservation and preservation of natural resources, greenbelts, and open spaces; maintain and promote the Economic & Environmental Benefits of Stewardship and the Permittee Responsible Mitigation Database website tools that assist in communicating return on investment and potential projects for conservation; and, update the Regional Ecosystem Framework website.
2. Promote the regional Texas SmartScape brand; maintain and update the Texas SmartScape plant list; oversee the Texas SmartScape website and social media channels.
3. Continue outreach and training for low impact development and green infrastructure best practices, such as those included in iSWM and regional case studies website library.

**Results:**

1. Hosted two meetings of the Trinity River National Water Trail Task Force, a newly formed regional initiative to promote recreation along the Trinity River Paddling Trail and maintain its designation as a National Parks Service trail. Hosted "Environmental Matchmaking Tools" webinar, sent quarterly newsletter emails, posted monthly social

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

media posts, and conducted a user survey to promote the Regional Ecosystem Framework, Permittee Responsible Mitigation Database, and Economic & Environmental Benefits of Stewardship tools.

2. 149 events from 23 member communities and organizations were posted to the Texas SmartScape website events page, and the website had a total of 689,685 pageviews. The Texas SmartScape social media pages had a total of 213,248 impressions and 7,303 interactions.
3. Presented in Transportation Green Infrastructure workshop to share iSWM program materials; the Stormwater Public Education Task Force hosted the webinar “Rethinking Approaches to Rain Gardens and Green Infrastructure” which had 32 individuals in attendance and a recording and copy of the presentation have been made available online.

## **Development Excellence**

The Center of Development Excellence promotes quality growth through the 12 Principles of Development Excellence. The goal of the Center is to create a region where residents, businesses, and visitors enjoy a built environment that has a true sense of place; uses water, energy, and environmental resources effectively and efficiently; protects a diversity of habitats; reduces Vehicle Miles Traveled (VMT); and supports public health; and, a high quality of life.

7. **Goal:** Maintain economic competitiveness and reduce costs through standardization of construction methods, promote development options and efficient growth, and promote effective use of critical resources.

**Funding Source:** Cost Shared Funding from Local Government Participants, NCTCOG Local Resources, Regional Toll Revenue Funds (TxDOT), Texas Department of Agriculture (TDA), Texas State Energy Conservation Office (SECO), Environmental Protection Agency (EPA)

**Attainment:** Met

### **Primary Work Tasks:**

1. Develop and promote the use of regional building code amendments, streamline regional review of building codes, and research local government code adoption status.<sup>1,4</sup>(Regional Codes Coordinating Committee (RCCC))
2. Support the Public Works Council (PWC) initiatives and coordinate efforts towards integrated Stormwater Management (iSWM) and Sustainable Public Rights-of-Way (SPROW) practices. Assist TDA with coordinating Texas Community Development Block Grant (TxCDBG) efforts.<sup>3,4</sup>(TDA, Regional Public Works Program Participants)
3. Support the Center of Development Excellence and the 12 Principles of Development Excellence, sustainable development options, and pursue regional sustainability planning initiatives.<sup>1,4</sup>(Center of Development Excellence, Regional Integration of Sustainability Efforts (RISE) Coalition)
4. Continue to advance a Regional Energy Management Program that focuses on energy management for local governments, including maintenance of the Conserve North Texas and Go Solar Texas websites.<sup>3</sup>(SECO)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

5. Promote environmental stewardship, resource efficiency, and efficient growth through a variety of projects.<sup>1,2,3,4</sup>(Center of Development Excellence, Regional Integration of Sustainability Efforts Coalition, TxDOT, SECO, EPA)

**Principal Performance Measures:**

1. Host quarterly RCCC meetings; encourage adoption of the latest code editions by member and regional governments; promote recommended regional code amendments; and conduct the annual survey to determine uptake of regional recommended code amendments by local member governments.
2. Support regional public works activities by carrying out the approved annual work program, host meetings of the Council and Subcommittees, host an annual Public Works Roundup, update Public Works Constructions Standards, and promote sustainability efforts through iSWM and SPROW outreach. Provide technical assistance on TxCDBG activities to non-entitlement communities in the region. Assist TDA in disseminating program information, provide HUD Section 3 outreach, and host a Community Development Week event.
3. Host trainings, workshops, and other education activities aimed at local governments and development related partners regarding the Center of Development Excellence; complete the update to the Center for Development Excellence website including updates to the technical tools library and case studies; endorse the 12 Principles of Development Excellence; conduct the CLIDE Awards for 2021; and, facilitate meetings, events, and maintain website for the Regional Integration of Sustainability Efforts (RISE) Coalition.
4. Conduct energy management related workshops, trainings, webinars; meet with local governments, school districts, and wastewater/water providers to determine potential projects SECO can assist with; produce case studies and white papers; and, provide outreach on required annual reporting for local governments and school districts in addition to continuing to maintain and build upon the resources housed on the Conserve North Texas and Go Solar Texas websites.
5. Host and attend meetings and regional events, conduct studies, provide technical assistance, and develop tools to support adoption of best management practices related to land-use, sustainability, resilience, and development by local government members, partner organizations, and others.

**Results:**

1. Hosted 5 meetings of the RCCC, hosted 26 Advisory Council meetings, adopted code amendment recommendations for the 2021 International Code Council books and posted on the website at <https://www.nctcog.org/envir/regional-building-codes/amendments>; published the results of the annual survey at <https://www.nctcog.org/envir/regional-building-codes/code-adoption-surveys>, and encouraged adoption of the amendments through correspondence with building officials.
2. Hosted 4 Public Works Council meetings, 8 Sustainable Public Rights-of-Way Subcommittee (SPROW) meetings, 4 iSWM Implementation Subcommittee meetings; and 11 Standard Drawings Subcommittee meetings. Hosted the 22<sup>nd</sup> Annual Public Works Roundup in-person with a track for SPROW topics for 182 attendees, a Construction Contracts Training for 40 attendees, and an Addressing Workforce Needs: A Labor Market Data Deep Dive and Discussion for 25 attendees. Held a webinar on

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Community Development Week for 39 attendees, gathered and disseminated information on the updated Section 3 HUD policy and provided information on available grants and population data to non-entitlement communities in accordance with the Texas Community Development Block Grant (TxCDBG) through Texas Department of Agriculture.

3. Hosted four Regional Integration of Sustainability Efforts (RISE) Coalition meetings; prepared and submitted Meadows Foundation grant with assistance from City of Dallas grant writing team; updated the RISE Coalition website; hosted the 2021 CLIDE Awards, with 9 awardees, and hosted 2 how-to webinars focused on the CLIDE winners and processes.
4. Hosted three regional organic waste to renewable natural gas roundtables; assisted SECO with development of grant scoring criteria; produced draft water/wastewater energy nexus Fact Sheet; researched and developed new performance measures for the Conserve North Texas website; collected data for water and impervious surface performance measures; produced Solar Ready Opinion Statement through the Regional Codes Coordinating Committee; hosted multiple PACE Roundtables; hosted one Local Government Energy Reporting Roundtable; hosted one SolSmart Roundtable; and, prepared for Regional Energy Resilience Roundtable. The Conserve North Texas website had a total of 16,411 pageviews, and the Go Solar Texas website had a total of 49,183 pageviews.
5. Presented at Arlington Citizens Environmental Committee on RISE Coalition; Presented at Regional Transportation Council and Surface Transportation Technical Committee on RISE Coalition; prepared for and facilitated a RISE Coalition Climate Change Workshop in partnership with the Regional Center of Expertise for Sustainable Development; began collection of water and wastewater data for regional greenhouse gas inventory.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



## **Law Enforcement Training-Regional Police Academy**

### **Program Goals Completed for 2020/2021**

1. **Goal:** Conduct six (6) basic peace officer courses during the grant period.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor.

**Attainment: Met and Exceeded.** 9 Basic Peace Officer courses were held during the grant year.

**Primary Work Tasks:**

Conduct six (6) basic peace officer courses during the year for area agencies to meet their staffing needs.<sup>1,3</sup> (2020/2021 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

Conduct, schedule and coordinate with area agencies to provide six basic peace officer courses during the grant year.

**Results:**

The Regional Police Academy conducted nine (9) basic peace officer courses during the grant year.

2. **Goal:** In conjunction with area agencies, place 145 recruit officers in the six basic peace officer courses.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor

**Attainment: Met and Exceeded.** 218 recruit officers were placed in the nine (9) Basic Peace Officer Courses.

**Primary Work Tasks:**

To coordinate with area agencies to allow 218 recruit officers to attend the basic peace officer course.<sup>1,3</sup> (2020/2021) Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

Coordination with area agencies allowed 218 recruit officers to be recruited and ultimately attend the academy.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Results:**

218 recruit officers attended the basic peace officer courses during this grant year.

3. **Goal:** Offer 100 in service law enforcement training courses.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor

**Attainment:** Did not meet the goal of 100 courses

**Primary Work Tasks:**

The academy will offer and conduct 100 in-service law enforcement training courses.<sup>1,3</sup> (2019/2020 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

The academy conducted 95 in-service law enforcement training courses during the grant year.

**Results:**

The academy was short 5 classes of meeting the goal of 100 in-service law enforcement training courses for the grant year.

4. **Goal:** Provide classroom training for 2,000 officers, corrections personnel and telecommunicators.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor.

**Attainment:** Did not meet the goal of 2,000 officers, corrections and telecommunicators attended classroom training during the grant year.

**Primary Work Tasks:**

To provide classroom training for 2,000 officers, corrections personnel and telecommunicators from throughout the NCTCOG region.<sup>1,3</sup> (2020/2021) Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

Schedule and offer courses that would allow 2,000 officers, corrections personnel and telecommunicators to attend in-service law enforcement courses for the grant year.

**Results:**

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

1,395 officers, corrections officers and telecommunicators were able to attend the in-service law enforcement training courses. (The pandemic issues described in #8 affected the total number).

5. **Goal:** Conduct 121,000 contact hours of training.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor

**Attainment: Met and Exceeded.** 198,286 contact hours of law enforcement training were conducted during the grant year.

**Primary Work Tasks:**

To provide the number of courses that would allow recruit and in-service officers to receive 121,000 contact hours of training.<sup>1,3</sup> (2020/2021) Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

The academy staff scheduled the necessary number of courses would allow recruit and in-service officers to receive 121,000 contact hours of training during the grant year.

**Results:**

As a result of offering the number of in-service law enforcement training courses, the goal of providing 121,000 hours of contact hours was met and exceeded with 198,286 hours received.

6. **Goal:** Project 145 recruit officers taking the Basic Peace Officer Licensing Exam.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor.

**Attainment: Met and exceeded.** 218 recruit officers took the Basic Peace Officer Licensing Exam.

**Primary Work Tasks:**

Recruit officers must successfully complete the 696-Hour Basic Peace Officer Course in order to receive an Endorsement of Eligibility to take the State Basic Peace Officer Licensing Examination.<sup>1,3</sup> (2020/2021 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

The academy prepares the individual recruit officer for the licensing examination through classroom instruction and tests on the individual topic areas contained in the 696-Hour

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

curriculum and with a final comprehensive examination a week prior to the licensing examination.

**Results:**

During the grant year 218 recruit officers sat for the Basic Peace Officer Licensing Examination.

7. **Goal:** Project 140 recruit officers passing the Basic Peace Officer Licensing Exam on first attempt.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor.

**Attainment: Met and exceeded.** 218 recruit officers passed the Basic Peace Officer Exam.

**Primary Work Tasks:**

Recruit officers attend the academy to undergo and complete the 696-Hour Basic Peace Officer Course in order to receive an Endorsement of Eligibility to take the State Basic Peace Officer Licensing Examination.<sup>1,3</sup> (2020/2021, Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

The academy prepares the individual recruit officer for the licensing examination through classroom instruction and tests on the individual topic areas contained in the 696-Hour curriculum and with a final comprehensive examination a week prior to the licensing examination.

**Results:**

218 recruit officers prepared for the Basic Peace Officer Licensing Examination with 218 recruit officers successfully passing the examination.

8. **Goal:** Hold the number of advanced law enforcement training courses canceled due to lack of attendance to 30.

**Funding Source:** 2019/2021CJD Grant, Office of the Governor.

**Attainment: Met.** No courses were cancelled due to lack of attendance.

**Primary Work Tasks:**

Surveys of agencies and past history of attendance of law enforcement courses offered allow the academy to prepare and offer to the law enforcement community courses that are

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

mandated as well as those that can enhance an officers' professional development.<sup>1,3</sup> (2020/2021, Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

***Principle Performance Measures:***

A total of 73 law enforcement courses were offered to the law enforcement community of were held and none were cancelled due to low attendance. The current economic conditions, and the pandemic restricted agencies from paying to send officers to off-site training locations. In addition, lack of space for in-service on site accounted for the reduction of classes offered. We increased the number of satellite courses to off-set the number of on-site courses offered.

***Results:***

A total of 104 law enforcement courses were offered and attend by both in-service and recruit officers during the grant year on site.

- 9. Goal:** Hold five (5) courses at satellite locations.

***Funding Source:*** 2019/2021 CJD Grant, Office of the Governor.

***Attainment:*** Met and exceeded. 53 courses were held at satellite locations.

***Primary Work Tasks:***

The academy coordinates with law enforcement agencies that call and request specific courses for their officers. The academy staff ensures the instruction meets TCOLE requirements and, after the course, the in-services officers completing the courses(s) are then reported for credit.<sup>1,3</sup> (2020/2021 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

***Principle Performance Measures:***

Academy staff review course material specific to the course being held at satellite locations. On site registrations are conducted and assigned instructors are evaluated by attending students and then issued certificates of completion. All completed hours are then reported to TCOLE for credit for mandated hours as required by the governing body.

***Results:***

53 law enforcement courses were held at satellite locations during the grant year.

- 10. Goal:** Project 150 students attending courses at satellite locations.

***Funding Source:*** 2019/2021 CJD Grant, Office of the Governor.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Attainment: Met and Exceeded.** 396 students attended courses at satellite locations.

**Primary Work Tasks:**

The academy provides the necessary staff instructor or arrangements are made for outside instructors to conduct classes at those locations. The law enforcement department advertises both internally and externally and schedules officers to attend, if staffing needs are not an issue. Some departments are not able to send in-service officers because of budget constraints or staffing needs.<sup>1,3</sup> (2020/2021 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

All attending officers have to register, attend and complete classes for their hours to be Reported to TCOLE.

**Results:**

396 in-service officers attended and were reported to the commission as having successfully completed courses at satellite locations.

**11. Goal:** Project 1,200 students attending courses from within NCTCOG region.

**Funding Source:** 2019/2021 CJD Grant, Office of the Governor.

**Attainment: Met and exceeded.** 1,395 recruit and in-service officers from within the NCTCOG region attended courses

**Primary Work Tasks:**

The academy prepared and provided the courses that allowed 1,395 recruit and in-service officers to attend training. A Training Calendar was provided on the academy website that allowed officers to schedule their training time with their departments throughout the year. Quarterly calendars are available to ensure up to date course information is provided and re-scheduled if necessary for that course to make.<sup>1,3</sup> (2020/2021 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

All of the attending 1,395 officers registered, attended and completed the courses that allowed their hours to be reported to TCOLE to fulfill their mandate from TCOLE.

**Results:**

All of the attending 1,395 officers registered, attended and completed the courses that allowed their hours to be reported to TCOLE to fulfill their mandate from TCOLE.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

# North Central Texas Emergency Communications District Fiscal Year 2020 - 2021 Goals Accomplishment

## 1. **Goal:** Wireless Tower Data Normalization

Moving from a legacy to a next generation world requires as much data normalization as possible. The wireless information has always included the sector information in the address field. In a legacy environment, this is a very acceptable format, using the latitude and longitude to map wireless towers. In a next generation environment, this will cause issues. If the sector information is in the address field, the address will not plot on the dispatch map. Normalizing the data will allow for the address to be used to geocode a call if the latitude and longitude is not available.

**Funding Source:** 9-1-1 Service Fee

**Attainment:** Met

### **Primary Work Tasks:**

1. Request wireless routing worksheets from one major carrier<sup>4</sup>
2. Validate and correct any towers with incorrect information<sup>4</sup>
3. Return wireless routing worksheets to one major carrier with corrected information<sup>4</sup>

### **Principal Performance Measures:**

1. Validate that the information has been corrected by one major wireless carrier by using the data analytics tool

### **Results:**

1. A major wireless carrier has received the information and is using the corrected data format.

## 2. **Goal:** Department of Public Safety (DPS) Floor Plan Pilot

NCT9-1-1 routing technology will utilize sub-addresses to accurately pinpoint an emergency caller's location. The utilization of floor plan data is beneficial and compliments the improved location delivered with wireless calls. The NCT9-1-1 GIS Team, working with regional stakeholders such as the emergency management coordinators, academic institutions, PSAPs, and DPS will obtain floor plan datasets for provisioning into the dispatch mapping application. NCT9-1-1 in return will share relevant data with DPS to assist their operations.

**Funding Source:** 9-1-1 Service Fee

**Attainment:** Partially Met

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Primary Work Tasks:**

1. Set up bi-directional data transfer mechanism<sup>1</sup>
2. Establish a cadence for data exchange<sup>3</sup>
3. Perform quality control on data prior to uploading to 9-1-1 dispatch mapping application<sup>1</sup>

**Principal Performance Measures:**

1. Develop an optimal workflow between stakeholders
2. Perform regular updates to the 9-1-1 dispatch mapping application
3. Develop and maintain a change management process

**Results:**

1. Staff hosted two coordination calls and received verbal approval from DPS to provide the floorplans.
2. A portal was created for the transfer of the data to NCT9-1-1 and a workflow was discussed.
3. Unfortunately, due to DPS staff turnover and non-responsiveness, the project has not been completed. Staff have developed a backup plan for obtaining the information in a different manner. However, staff remains open to resuming the DPS collaboration should they be amenable.

**3. Goal: Streaming Services/ Internet of Things (IoT) Pilot**

The NCT9-1-1 GIS Team will engage PSAPs to identify streaming services/ IoT such as video feeds, weather data, crowd sourcing, and situational awareness, to integrate with the 9-1-1 dispatch mapping application.

**Funding Source:** 9-1-1 Service Fee

**Attainment:** Met

**Primary Work Tasks:**

1. Identify beneficial IoT data aid to first responders<sup>1</sup>
2. Establish a cadence and change management process for pushing data into the 9-1-1 dispatch mapping application<sup>1</sup>
3. Develop training bulletins for the 9-1-1 telecommunicators detailing the new IoT<sup>1</sup>

**Principal Performance Measures:**

1. Develop a consistent workflow for updating streaming services
2. Develop an updated process with the respective dispatch mapping provider
3. Identify a consistent IoT quality assurance measure

**Results:**

1. PSAPs were surveyed to gather interest concerning relevant steaming services/IoT.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



2. Traffic feeds, crowdsourced smartphone data, and flood sensor statistics are being streamed into the PSAPs.
3. The infrastructure is in place for video feeds and steps are being finalized with TxDOT.

**4. Goal:** Kari's Law ISD Public Education Campaign

Public education on Kari's Law has been limited, which leads to the lack of compliance for direct access. NCT9-1-1 will establish a public education awareness campaign that provides information for Kari's Law for Independent School Districts (ISDs). The awareness campaign will include legislative information, available resources, and guidelines on steps to become compliant. A resource page will be developed on the NCT9-1-1 website that provides relevant information on Kari's Law.

**Funding Source:** 9-1-1 Service Fee

**Attainment:** Met

**Primary Work Tasks:**

1. Research current legislation pertaining to Kari's law<sup>1</sup>
2. Create public education and advertisements<sup>1</sup>
3. Research the best solution to distribute resources<sup>1</sup>
4. Roll out public education campaign in at least one ISD in each of NCT9-1-1's 14 counties<sup>1</sup>

**Principal Performance Measures:**

1. ISDs will gain knowledge of Kari's Law and have resources to become compliant with state legislation.

**Results:**

1. Staff conducted research on state and federal legislation pertaining to Kari's Law.
2. Staff created a digital brochure and web page that included legislation information and resources on how to become compliant or seek a waiver.
3. The digital brochure and web page link were promoted via email to one ISD in each county in the NCT9-1-1 service area.
4. After distribution, two ISD's contacted NCT9-1-1 advising they were compliant and would share with other ISD administrators.

**5. Goal:** Replacement of PSAP Terrestrial Circuits

The three-year contract for terrestrial circuits for the NCT9-1-1 ESInet has recently expired. The original vendor chosen to provide PSAP network circuits could not meet NCT9-1-1's networking needs, did not have the bandwidth to accommodate the upgrade in CPE, and had unacceptable delays in repairing circuit outages/meeting service requirements primarily because the vendor serves as a middleman and does not have the access to the "last mile" covered by other service providers.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Funding Source:** 9-1-1 Service Fee

**Attainment:** Met

**Primary Work Tasks:**

1. Obtain pricing from alternate terrestrial service providers for PSAPs<sup>1</sup>
2. Determine which sites are served by each of the Incumbent Local Exchange Carriers (ILEC)<sup>1</sup>
3. Order and implement new circuits from each service provider based on expiration dates and ILEC<sup>1</sup>

**Principal Performance Measures:**

1. All sites successfully migrated to new service provider networks and properly routing 9-1-1 calls and data

**Results:**

1. Staff successfully migrated all PSAP circuits to new terrestrial circuit service providers and 9-1-1 calls are being properly routed resulting in improved service from providers.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**NCTCOG Research and Information Services  
Department  
Fiscal Year 2020 - 2021 Goals Accomplishment**

**Regional Demographic Information**

1. **Goal:** Develop data needed by internal customers and provide local planners, city and county administrators, elected officials, for-profit and not-for-profit organizations, and individuals with current, easily accessible demographic and development information for use in decision making while developing ways to ensure the continued availability of the information.

**Funding Source:** Funds from other NCTCOG Departments and dues from NCTCOG members.

**Attainment:** Met

**Primary Work Tasks:**

1. Produce current estimates of the housing unit and population counts by city and county as part of the annual estimates program.<sup>1</sup>
2. Update various GIS layers including city limits and developments.<sup>1</sup>
3. Commence 2020 land use project.<sup>1</sup>
4. Develop draft forecasts using new demographic forecasting model.<sup>1</sup>

**Principal Performance Measures:**

1. At least 90% of local cities providing data for use in population estimation process.<sup>1</sup>
2. The release of updated GIS layers through Open Data site.<sup>1</sup>
3. Progress on development of 2020 land use layer.<sup>1</sup>
4. Draft forecasts for 2045.<sup>1</sup>

**Results:**

1. Ninety-nine percent of local cities provided data for use in population estimation process.
2. Nine updated GIS layers were released through Open Data site.
3. Six counties have been fully coded for development of the 2020 land use layer.
4. Draft forecasts for 2045 were developed and sent to local governments for review.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

## **Information Services**

1. **Goal:** Provide Local and Wide Area Network, server, and desktop technical support for Agency Employees and service contract customers.

**Funding Source:** Information Services – Agency funding, Information Services – Workforce Development funding.

**Attainment:** Met. Uptime requirements were exceeded. We continue to refine and improve our consistency in providing reasonable timelines that take into account resource constraints, concurrent project workload, and strategic/enterprise priorities. The resiliency of our network and infrastructure has continued to be increased by regularly upgrading and eliminating our end-of-life equipment/systems while also transitioning to cloud-based systems when appropriate.

### **Primary Work Tasks:**

1. Provide technical management, support, and maintenance for the Agency and Workforce Networks.<sup>1</sup>
2. Provide a single point of entry for all technical issue reporting.<sup>1</sup>
3. Assist with the implementation of new technology as needed.<sup>1</sup>

### **Principle Performance Measures:**

1. Maintain 95% uptime during regular business hours for internal core network services including email, phones, and file system.<sup>1</sup>
2. Feedback provided on all projects that reflect reasonable timelines and resource availability to set technical project tasks scheduled for RIS.<sup>1</sup>

### **Results:**

1. Completed network design, implementation, configuration, and construction for the new Denton Workforce Center.
  2. Completed Workforce Vocational Rehabilitation integrations at both the Terrell and Stephenville Workforce Centers.
  3. Completed server replacements for all Workforce Centers.
  4. Completed CenterPoint One – Phase 2 campus remodels and associated network upgrades.
  5. Completed renewal and PC rollout for new Workforce PC lease.
  6. Completed Cisco IOS updates for enterprise infrastructure.
- 
2. **Goal:** Provide reliable and easy to use Intranet/Internet, GIS, and database environments to Agency employees and service contract customers.

**Funding Source:** local funding, Internal information services/GIS, fee for service.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Attainment:** Met. Uptime requirements were exceeded. We upgraded the enterprise SQL Server database environment. We completed several pilot projects and new technology implementations for various Agency departments. We migrated several external websites to our modern enterprise website content management system (CMS).

**Primary Work Tasks:**

1. Provide technical management, support, and maintenance for the Agency/Workforce web, database, GIS infrastructure, and applications.<sup>1</sup>
2. Evaluate new technology for potential Agency use.<sup>1</sup>
3. Assist in the creation and operations of new Agency web, database, and GIS applications.<sup>1</sup>
4. Set standards for technical development.<sup>1</sup>

**Principle Performance Measures:**

1. Maintain 95% uptime during regular business hours for web, database, and internal GIS environments.<sup>1</sup>
2. Conduct regular meetings with internal staff to identify new data, system needs, and determine system satisfaction.<sup>1</sup>
3. Assist with the evaluation and implementation of new technology as needed.<sup>1</sup>

**Results:**

1. Completed upgrades of enterprise SQL Server environment.
2. Completed Laserfiche system upgrades for Workforce.
3. Completed the redesign and migration of multiple external departmental websites to the new enterprise Web Content Management Solution.
4. Completed Agency Storefront front-end update.
5. Implemented SiteImprove to facilitate ADA/WCAG compliance and reporting.
6. Completed SharePoint Designer workflow migration project.
7. Upgraded secure FTP software solution.

3. **Goal:** Expand RIS role in providing information technology consulting and project management services to assist with Agency business needs.

**Funding Source:** Information Services – Agency funding, Information Services – Workforce Development funding.

**Attainment:** Partially Met. We continued our focus on improving our IT/business alignment initiatives to allow RIS to better serve our customers. We have regular monthly meetings with several key customer departments. We have continued the expansion and implementation of the enterprise IT project portfolio management utilizing our cloud based Smartsheet subscription. Additionally, we have met with multiple customers this year to provide IT consulting, project management, and pre-project guidance.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Primary Work Tasks:**

1. Meet with internal and external stakeholders for pre-project analysis, scoping, planning, and IT consulting.<sup>1</sup>
2. Assist with project scoping, budgeting, procurement, vendor selection, and management as needed.<sup>1</sup>

**Principle Performance Measures:**

1. Agency and Workforce projects with a significant information technology component have been discussed and reviewed with RIS prior to project start.<sup>1</sup>
2. Projects are completed successfully with a single bidding/procurement cycle.<sup>1</sup>

**Results:**

1. Developed, tested, and implemented a new and standardized IT Project priority scoring system.
2. Continued implementation and expansion of project portfolio management features within Smartsheet.
3. Assisted multiple departments with IT consulting including IT project management, business requirements gathering, and contract technical resource procurement and management.

**Information Security**

1. **Goal:** Ensure that documentation of the Agency’s security program goals, policies, and procedures is current and complete. Evaluate the attainment of program goals and audit compliance with policies and procedures.

**Funding Source:** Information Services Security – NCTCOG and Workforce Development funding.

**Attainment:** Met

**Primary Work Tasks:**

1. Review existing policies and procedures and update as needed.<sup>1</sup>
2. Verify that policies and procedures meet regulatory and contractual obligations and update them as necessary.<sup>1</sup>
3. Periodically review the performance of documented procedures to ensure that they are properly observed.<sup>1</sup>

**Principle Performance Measures:**

1. Demonstrated ability to respond favorably to questionnaires or audits from existing or prospective partners, internal or external auditors, and regulatory bodies.<sup>1</sup>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

2. Performance by staff members that demonstrates a clear understanding of policies and procedures related to security, as well as an understanding of the importance of adhering to them.<sup>1</sup>

**Results:**

1. Reviewed and modified the Agency's Information Security policy to provide clarity around the use of personal devices, which was necessary due to increased remote work in the wake of the pandemic.
  2. We received no findings from the Agency's annual audit of financial systems.
  3. We completed an assessment of our alignment with the National Institute of Standards and Technology (NIST) Cybersecurity Framework, through which we drafted additional documentation of policies and procedures where necessary.
2. **Goal:** Increase employees' awareness of information security threats and train them to identify and avoid risks to the security of the Agency's information assets.

**Funding Source:** Information Services Security – NCTCOG and Workforce Development funding.

**Attainment:** Met

**Primary Work Tasks:**

1. Provide information to all employees about current security topics via e-mail, newsletters, and Intranet postings.<sup>1</sup>
2. Present information at New Employee Orientation meetings, and through that forum, promote the importance of adhering to the Agency's Information Security policies.<sup>1</sup>
3. Provide on-demand access to an expanded and revised set of online training modules.<sup>1</sup>
4. Conduct simulated phishing attacks to help employees identify malicious e-mails.<sup>1</sup>

**Principle Performance Measures:**

1. Inform employees via e-mail whenever a widespread security threat is deemed to have a potential impact on the Agency's information systems.<sup>1</sup>
2. Present at each New Employee Orientation session currently scheduled on an as-needed basis.<sup>1</sup>
3. Provide reporting on completion of training modules, as well as employee performance statistics on simulated phishing attacks.<sup>1</sup>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Results:**

1. Articles related to cybersecurity, including recognition of Cybersecurity Awareness Month, were published in the RIS Newsbytes newsletter, which is distributed to the Agency's workforce.
  2. An overview of Information Security program objectives, policies, and procedures was presented to new Agency employees as part of their new hire orientation. In addition, new hires were required to complete an online cybersecurity training assignment.
  3. Online cybersecurity training was completed by Agency employees in compliance with Texas House Bill 3834, and compliance was reported to the Texas Department of Information Resources as required by the legislation.
3. **Goal:** Identify security risks within the Agency's information systems; determine how best to mitigate those risks; and implement new programs or policies, or modify existing ones, to address them.

**Funding Source:** Information Services Security – NCTCOG and Workforce Development funding.

**Attainment:** Met

**Primary Work Tasks:**

1. Perform a risk assessment for new IT projects.<sup>1</sup>
2. Evaluate and review the performance of security systems, access controls, and policies to determine how effectively we guard against new and existing threats.<sup>1</sup>

**Principle Performance Measures:**

1. Provide feedback to team leads for new projects at the conclusion of a risk assessment.<sup>1</sup>
2. Provide reports to CIO detailing findings of system evaluations.<sup>1</sup>

**Results:**

1. 40+ requests for new technology were evaluated from a security risk standpoint, and the CIO was presented with, and participated in, the overall review and approval process for those requests.
2. New projects with the potential to affect data and network security, such as SD-WAN, Digital Asset Management, Audio/Video/Meeting, and Website migration, underwent risk assessments, and feedback was provided to project owners, as well as the CIO.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



# TRANSPORTATION DEPARTMENT FY2021 GOALS AND ACCOMPLISHMENTS

1. **Goal:** Develop and maintain analytical tools for transportation projects analysis.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), federal Surface Transportation Block Grant Program (STBG) funds, Regional Transportation Council (RTC) Local funds, local funds, and Transportation Development Credits.

**Attainment:** Met

## **Primary Work Tasks:**

1. Maintain and enhance the regional travel models (RTMs) for the Metropolitan Planning Area.<sup>1</sup>
2. Maintain and improve an information system for transportation data.<sup>1</sup>
3. Design and conduct travel survey and data collection projects.<sup>1</sup>
4. Develop and maintain demographic forecasts.<sup>1</sup>

## **Principal Performance Measures:**

1. Maintain and enhance the existing and new Regional Travel Models, respectively called DFX and TAFT, ensuring usability and proper operation. Improve TAFT reporting capabilities. Maintain the software applications, and archive system of model versions and model runs. Develop model description documentation and training materials and conduct user training sessions. Provide support in the use of RTMs through updates to the software application and technical assistance to model users.
2. Continue to develop methods and computer tools to facilitate, disseminate, and optimize the integration of data collected by NCTCOG or provided by partner agencies. Integrate the data into SQL server databases and geographic layers. Provide support to staff and stakeholders for analysis of data.
3. Plan for continuation of the 2020 Transit Onboard Survey. Analyze data acquired from the 2017 National Household Travel Survey. Initiate the Toll Road User Survey.
4. Provide support for demographic data for the existing forecast. Coordinate with local governments, process data, and create a new set of demographic forecasts with the horizon year of 2045.

## **Results:**

1. The existing Regional Travel Model, DFX, was properly maintained for operation. Staff implemented transit coding tools, model run reporting tools, and air quality reporting tools in TAFT, the new and updated Regional Travel Model. Staff maintained the Regional Travel Model (RTM) software applications and a library of RTS software application versions. An archive system for model runs was also maintained. Transit ridership data was used to validate the model; 2019 roadway and transit validation documents were created. Model description documents were started for various

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

components. Several user training sessions were held, and training documents were created for modules of the TAFT RTM. Staff provided technical support to model users for the existing and new Regional Travel Model.

2. Several datasets were assembled to calculate and illustrate the impact of COVID-19 on the regional transportation systems. The latest traffic counts collected by partner agencies were integrated in the centralized database. The traffic speed data delivered by FHWA was integrated and used in several analyses. Origin-Destination datasets were integrated into the centralized database. The review of the traffic data collected by radar side-fire devices was initiated.
3. The 2017 National Household Travel Survey was used for Regional Travel Model validation checks. The 2020 Onboard Transit Survey was not resumed due to the continuing COVID-19 pandemic disruptions to transit ridership. Staff coordinated with local transit agencies to develop a plan to resume main data collection in fall 2022 and spring 2023. A supplemental Dallas Area Rapid Transit Demographic Survey in spring 2021 was conducted that included 5,000 surveys by service type. A Scope and Request for Proposals for the Toll Road User Survey/Limited Access Facilities Survey was created and posted, and a consultant was selected. Data collection of traffic counts and development of a survey instrument for the limited access facilities survey began in fall 2021.
4. Support for existing demographic forecast was provided and project-specific alternative demographic for the existing forecast was prepared. A new demographic forecast was created with the horizon year of 2045 through an analytical process and submitted to local governments for review.

2. **Goal:** Engage local elected officials, public- and private-sector organizations, and the general public in the multimodal transportation and air quality planning process.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits, federal Department of Energy funds, federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, public and/or private funds, and Transportation Development Credits.

**Attainment:** Met

**Primary Work Tasks:**

1. Produce print and online content and publications to inform the public and media about regional transportation and air quality issues.<sup>1, 2, 3</sup> (FHWA, FTA, TxDOT)
2. Engage local governments and public and private organizations, including community groups, business organizations, chambers of commerce, local community/technical colleges, and school districts, in transportation and air quality projects and programs.<sup>1</sup>
3. Increase awareness of transportation and air quality programs through outreach and education campaigns.<sup>1</sup>
4. Maintain a Public Participation Plan.<sup>2, 3</sup> (FHWA, FTA, TxDOT)
5. Offer multiple ways for the public to learn about and provide input on transportation plans, including in person and online opportunities.<sup>1, 2, 3</sup> (FHWA, FTA, TxDOT)
6. Publicize opportunities for public involvement.<sup>2, 3</sup> (FHWA, FTA, TxDOT)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

7. Provide reasonable accommodations to encourage individuals and groups protected by federal civil rights laws to participate in planning processes.<sup>2, 3</sup> (FHWA, FTA, TxDOT)

***Principal Performance Measures:***

1. Publish or contribute to monthly and semiannual newsletters and provide content to other publications, including those developed by the agency. Publish technical reports and other topic-specific publications, as needed. Compile data and information from both internal staff and external agencies to create the content for an annual state-of-the-region report. Maintain and update the website and social media resources regularly to ensure current information is being presented. Provide timely responses to media inquiries and distribute press releases as needed.
2. Coordinate with regional partners on transportation and air quality projects and programs; plan for, host, and attend meetings. Provide educational resources to partners. Select and participate in transportation and air quality-related virtual or in-person outreach events and educate the public about various transportation and air quality campaigns.
3. Implement transportation and air quality education campaigns. Monitor campaign web traffic, electronic email list of users, and surveys to quantify effectiveness of educational campaigns. Provide graphic, audio/visual, educational, social media messages, and informational services for local governments, as well as NCTCOG's Transportation Department, on transportation and air quality-related programs/campaigns.
4. Update the Public Participation Plan, as necessary, to ensure that it is current with federal guidelines, paying particular attention to environmental justice elements.
5. Hold public meetings, partner to jointly host meetings with other organizations, or offer online opportunities on relevant transportation topics to inform the public and seek input on the decision-making process.
6. Maintain current contact information for individuals, transportation partners, elected officials, businesses, chambers of commerce, and others to whom public meeting notices and notices for online participation opportunities are sent by mail or email. Publicize opportunities for public involvement in newspapers, including minority and Spanish-language newspapers.
7. Select locations for public meetings based on physical accessibility and proximity to public transportation. When possible, provide an online viewing option for public meetings to help ensure resident participation in the decision-making process. Provide translation of materials when appropriate according to the Language Assistance Plan.

***Results:***

1. Transportation Department staff published monthly and semiannual newsletters, fact sheets, and technical reports with information about regional transportation and air quality issues. These publications were distributed to partners and the public through the mail and online. Staff also contributed to agency publications and provided content to partners. These efforts educated the public about regional programs and projects related to transportation and air quality. This year, the Department's annual state-of-the-region report, Progress North Texas, focused on Transportation For All, using a narrative and performance measures to show how regional planning efforts affect communities. Approximately 7,000 hard copies were mailed to policymakers, elected officials, transportation partners, and other interested parties, including school districts, civic organizations, businesses, and public libraries. Additional copies were shared electronically upon request. An online version was also published in HTML and PDF

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

formats. In addition, staff received and responded to dozens of inquiries from the media, matching reporters to subject-matter experts to assist them with their stories about transportation and air quality issues. Furthermore, staff wrote and distributed 31 press releases about a variety of projects and programs affecting the lives of residents.

2. Due to the COVID-19 pandemic, the Department did not attend in-person community events in FY2021, and many of these events were either canceled or postponed. Department staff participated with partners in four virtual community events across the region to communicate information about multiple regional transportation and air quality programs and issues. As a part of Air North Texas Coalition efforts, staff also continued to develop and maintain relationships with a wide range of regional partners to coordinate the regional air quality awareness campaign, holding six conference calls. Air quality educational materials, such as promotional items and outreach campaign elements, were produced for partners and provided for distribution at one in-person event. Staff also began implementing a Transit Pandemic Recovery Campaign in conjunction with Dallas Area Rapid Transit, Denton County Transit Authority, and Trinity Metro to help increase transit ridership. Campaign tactics and phases were developed, and materials to educate North Texans about transit safety protocols were created for use by the agencies and local partners. Additionally, NCTCOG procured paid education campaign spokespersons from local radio stations to promote transit through a social media and radio spot campaign. NCTCOG and the three transit agencies met twice a month to manage the campaign's implementation.
3. For the Air North Texas campaign, staff used paid education and social media, and coordinated with partners to increase air quality awareness. Clean Air Corner, the Air North Texas blog, was distributed monthly to more than 5,000 subscribers. Staff also maintained contact with other State, federal, and local air quality partners to collaborate on consistent messaging and themes. Ozone alerts issued by the Texas Commission on Environmental Quality were monitored to ensure local Ozone Action Day Alert messages were disseminated to interested parties. Twenty-eight Ozone Action Day Alerts were distributed to subscribers. Air North Texas website traffic was monitored; the website recorded more than 21,000 users and 26,000 sessions for the fiscal year. On August 4, Air North Texas celebrated the 12th annual Clean Air Action Day, which staff implemented with regional partners. For Clean Air Action Day, educational materials and promotional ideas were provided to 35 Air North Texas partners, including cities, counties, and transportation agencies. More than 1,100 North Texans made commitments to participate in Clean Air Action Day as a result. Communication services continued for other Department air quality-related programs and campaigns such as the Try Parking It commuter tracking program, GoCarma, and bicycle/pedestrian education. Some materials developed include graphics, outreach campaign materials, original video series, and educational items. Since staff and related partners worked from home through FY2021, meetings still primarily took place virtually, so staff uploaded these meetings to online platforms and the Department's YouTube Channel for public viewing.
4. NCTCOG maintained a Public Participation Plan that was most recently updated in 2020. The plan incorporates a Language Assistance Plan, environmental justice elements, and Title VI considerations. Staff monitored federal legislation and guidance to ensure the Public Participation Plan complied with regulations. Significant work researching and evaluating how to enhance outreach and communication was accomplished and will contribute to ongoing efforts to educate and involve North Texans in transportation planning.
5. Due to the COVID-19 pandemic, provisions of the Texas Open Meetings Act were suspended by the Governor on March 16, 2020. Consequently, staff held 10 online public input opportunities, in accordance with procedures in the Public Participation Plan,

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

to educate the public on current and future Metropolitan Planning Organization activities and to seek input.

6. Meeting notifications and other outreach materials were sent through the Department's public outreach database of interested parties. At the end of the fiscal year, the database contained about 15,000 people. Notices were published in area newspapers, including minority publications, and translated notices were placed in Spanish newspapers and a Vietnamese newspaper. Online and social media advertising complemented print notices. More than 140 libraries in the Metropolitan Planning Area received public meeting flyers to make available to patrons. Additionally, public meeting flyers were provided to municipal offices.
7. Due to the COVID-19 pandemic, public meetings were not held in FY2021. In accordance with the Public Participation Plan, some online public input opportunities included a recorded video presentation; these were posted at [www.nctcog.org/video](http://www.nctcog.org/video) as part of the Department's standard procedures for public review and comment. As an accessibility measure for individuals without a connection to the internet, print copies of presentation materials were made available upon request. The need and resources available for translation of materials were monitored. Each public input opportunity notice included information in English and Spanish about how to request language assistance. Also, the Department continued its efforts to translate major plans, reports, and other informational pieces into Spanish.

3. **Goal:** Reduce congestion on the roadway system and improve reliability.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas Department of Transportation (TxDOT) funds, Regional Transportation Council (RTC) Local funds, and Transportation Development Credits.

**Attainment:** Met

**Primary Work Tasks:**

1. Complete update of the Congestion Management Process (CMP) for the Dallas-Fort Worth Metropolitan Area. <sup>2,3</sup> (FHWA, FTA, TxDOT)
2. Monitor the integration of CMP in the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program (TIP) and improve related processes and documentation. <sup>2,3</sup> (FHWA, FTA, TxDOT)
3. Monitor, implement, and promote Travel Demand Management (TDM) strategies outlined in the CMP and MTP. Coordinate TDM activities within the region and implement TDM projects. <sup>2,3</sup> (FHWA, FTA, TxDOT)
4. Monitor, implement, and promote Transportation System Management and Operations (TSMO) strategies outlined in the CMP and MTP. Coordinate TSMO activities within the region and implement TSMO projects. <sup>2,3</sup> (FHWA, FTA, TxDOT)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

### ***Principal Performance Measures:***

1. Complete update of the CMP document. Track, evaluate, and respond to CMP Project Implementation documents submitted for projects that add roadway capacity. Perform planning analysis for added-capacity roadway projects.
2. Continue to monitor new project requests and project modification requests that add capacity for MTP conformity. Hold new project and project modification requests for added capacity in the TIP until congestion mitigation strategies are included in the TIP or other funding program. Track and monitor projects in the TIP. Complete process update of CMP compliance activities as part of CMP Update effort.
3. Continue to manage and oversee the Regional Trip Reduction Program, the Try Parking It Program, vanpool reimbursement on managed lane activities, and HOV Rewards Program. Promote TDM strategies and participate in employer and community outreach activities. Monitor and track TDM-related performance measures.
4. Support and assist regional partners to plan and implement strategies, promote cooperation, participate in committee meetings, and support and develop existing and new TSMO projects in the region. Provide project oversight and management for the Regional Traffic Signal Program and Minor Improvement Program.

### ***Results:***

1. An update to the Congestion Management Process was completed. Roadway capacity projects were tracked and evaluated based on the CMP Project Implementation form, including single-occupant vehicle justification.
2. All projects being entered into the TIP through the modification process were evaluated for added capacity and confirmed through communication with TIP staff. CMP compliance forms were completed for all capacity projects added to the TIP. The compliance form will be updated to improve the modification process and documentation.
3. Staff continued to manage and implement the Regional Trip Reduction Program, including oversight of the Try Parking It website/application, the Vanpool Managed Lane Toll Reimbursement Program, and GoCarma HOV Reward Program. Staff initiated and finalized the development of the Regional Single-Occupancy Vehicle (SOV) Trip Reduction Target Resolution which established an annual target of a 20 percent reduction for SOV trips during peak periods. Staff continued to update and maintain the regional Park-and-Ride facility inventory listing. Due to COVID-19 related restrictions/recommendations, staff participated in modified outreach activities such as video presentations and virtual outreach events to promote TDM strategies to regional employers and the general public. Staff continued activities related to the redesign and update of the Regional Trip Reduction Employer Guide. Regional TDM-related program performance measures continued to be collected/tracked/maintained and reported/published in the annual Regional TDM Performance Report.
4. Support and assistance were provided to regional partners in the planning and implementation of strategies for existing TSMO projects and development of new TSMO projects in the region. General contract management and project oversight of the Regional Traffic Signal Program was provided, including invoice approval, hosting monthly status meetings with consultants and TxDOT staff, and participation in committee meetings. Staff also facilitated interlocal agreements and coordinated implementation of the Minor Intersection Improvement Program with participating agencies. General contract management and project oversight of the regional 511DFW

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Traveler Information System, including invoice approval and hosting status meetings twice a month. The Regional ITS Architecture was updated.

4. **Goal:** Enhance the safety and security of the transportation system.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Surface Transportation Block Grant Program (STBG) funds, federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, Regional Transportation Council (RTC) Local funds, other local funds, and Transportation Development Credits.

**Attainment:** Met

**Primary Work Tasks:**

1. Coordinate and oversee committee meetings, educational events, and activities.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)
2. Enhance the Regional Safety Information System; collect and analyze regional crash, fatality, and hazardous materials data.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)
3. Manage the regional Traffic Incident Management Training Program.<sup>1,2</sup> (FHWA)
4. Coordinate and support the Mobility Assistance Patrol Program (MAPP) and Commercial Vehicle Enforcement (CVE) programs and projects.<sup>1,2</sup> (FHWA)
5. Participate in projects/activities that will reduce traffic incident clearance times and reduce crash injuries and fatalities within the region.<sup>1</sup>
6. Provide transportation security planning services to agency and regional partners.<sup>2,3</sup> (FHWA, FTA, TxDOT)

**Principal Performance Measures:**

1. Coordinate and oversee the activities of the Regional Safety Advisory Committee, holding four meetings per year. Identify, coordinate, and host safety and/or security-related events, training and/or groups, as needed. Participate in PWERT (Public Works Emergency Response Team) committee meetings and assist with Continuity of Operations Plan, as requested.
2. Coordinate with TxDOT related to the State Crash Records Information System (CRIS) and procure Web-based mapping software application(s) to house the Regional Safety Information System data. Request, analyze, and maintain regional safety data, including crash data from TxDOT's Crash Records Information System, fatality data from the National Highway Traffic Safety Administration (NHTSA) Fatality Analysis Reporting System (FARS), hazardous material spill data from the National Response Center, and other data sources as made available. Conduct crash data analyses for staff, member agencies, and the public as requested. Monitor and participate in activities related to TxDOT Safety Performance target setting as it relates to MPO coordination; and set targets, monitor, and report on FHWA Safety Performance Measures.
3. Offer TIM First Responder and Manager training classes and Executive Level training courses. Review monthly invoices and performance reports, maintain course material as needed, and implement instructor recruitment strategies. Implement and/or oversee

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

activities related to the 2020 Incident Management Equipment Purchase Call for Project was also provided.

4. Track MAPP Program performance and monitor program budgets for the Dallas and Tarrant County patrols. Evaluate and monitor patrol routes, route coverage, hours of operation, and efficiency of each of the programs using performance measures. Continue coordination efforts with regional CVE Working Group agencies to initiate additional projects/programs that improve commercial vehicle safety. Complete the CVE Equipment and Training Program which provides portable scales to North Texas CVE departments. Host commercial motor vehicle violations training for prosecutors and judges.
5. Continue efforts to promote and track regional incident management performance measures, monitor intersection improvements of locations included in the Regional Intersection Safety Implementation Plan (ISIP) and the Texas ISIP, monitor activities for the Wrong-Way Driving (WWD) Mitigation project, monitor performance of the Safety Patrol/Incident Management project, and continue development of a regional safety education campaign and website.
6. Provide data and refine methodologies for Critical Infrastructure/Key Resources (CIKR). Develop transportation infrastructure nominations for inclusion in the CIKR database.

**Results:**

1. Staff hosted four virtual Regional Safety Advisory Committee meetings. No additional safety or security-related events, training, or group meetings were necessary. Staff attended meetings of the North Central Texas Public Works Emergency Response Team; however, no Continuity of Operations Plan assistance was requested or provided.
2. Staff continued to request, process, and analyze TxDOT's Crash Records Information System data to investigate crash trends and identify methods and countermeasures to reduce crashes within the metroplex. CRIS data, along with Fatality Analysis Reporting System (FARS) data, was utilized to monitor progress towards meeting federally mandated safety performance targets. 2021 FHWA Safety Performance Targets for the region was established and progress on 2018 safety targets was reported. Crash data requests for NCTCOG staff and member agencies was completed, as needed. Hazardous materials data from the National Response Center was collected for incidents that occurred on limited access facilities. Staff also developed and published the annual Regional Safety Performance Report, along with a Crash Fact quick reference sheet for the North Central Texas region.
3. Staff hosted five Traffic Incident Management (TIM) First Responder and Manager training classes and two Executive Level training courses. Staff coordinated with Training and Development Institute (TDI) staff and TIM Instructors on the development and update of an in-person training safety protocol, to continue hosting the TIM training classes safely in person, considering COVID-19 restriction changes. Staff reviewed and processed monthly invoices, monitored, and tracked course performance statistics, maintained the First Responder and Manager's Course material, and continued instructor recruitment efforts. The 2020 TIM Self-Assessment (SA), in partnership with the Federal Highway Administration (FHWA), was conducted to evaluate regional performance relating to traffic incident management. Staff continued to coordinate with regional partners, assist with agreement amendments, and processed invoices for the awardees of the 2020 Incident Management Equipment Purchase Call for Projects. Staff also developed and released the 2021 Incident Management Freeway Blocking Equipment Call for Projects for \$1 million, available to assist partner agencies with

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



purchasing freeway blocking equipment used to provide protection to first responders while responding to traffic crashes.

4. Staff tracked and assessed Mobility Assistance Patrol Program performance measures and operations changes for both Dallas County and Tarrant County Sheriffs' patrols and coordinated with the North Texas Tollway Authority and the private operators on the LBJ and North Tarrant Express managed lanes. The process of re-evaluating Dallas and Tarrant County operations continued and possible route expansions and late-night coverage options to each county and TxDOT personnel was discussed. Twenty-six sets of portable weighing scales were issued to 15 North Texas commercial vehicle enforcement departments as part of the Commercial Vehicle Enforcement Equipment and Training Program. Staff hosted two commercial motor vehicle violations training for prosecutors and judges.
  5. low-cost systemic intersection safety improvements related to Wrong-Way Driving Mitigation countermeasures in the Dallas and Fort Worth TxDOT districts was tracked. Staff continued to monitor WWD warning technologies. Work continued on a before-and-after analysis of intersections identified by the ISIP. Staff finalized the design of the newly created safety campaign website for Drive Aware North Texas, the regional driver safety outreach campaign, to positively influence negative driver behaviors; and developed/initiated demographics-focused marketing and education outreach activities focused on reducing speeding.
  6. Technical transportation data needed to support transportation security and emergency preparedness planning efforts was provided. Staff implemented Mobility 2045 Policy Bundles outlining policies related to transportation security and developed Policy Bundle updates. Staff supported transportation infrastructure nominations for evaluation of the Critical Infrastructure/Key Resources database.
5. **Goal:** Support access to and expansion of general aviation facilities and assist in the safe integration and use of unmanned aircraft systems (UAS) in the region.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), Regional Transportation Council (RTC) Local funds, and other local funds.

**Attainment:** Met

**Primary Work Tasks:**

1. Support the Air Transportation Advisory Committee (ATAC).<sup>1, 2</sup> (FHWA, FTA, TxDOT)
2. Support data collection to assess the impact of aviation activity on transportation planning and surface access to aviation facilities.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)
3. Assess the viability of the current North Central Texas General Aviation and Heliport System Plan.<sup>1</sup>
4. Collaborate with regional educators, industry partners, and governments to seek and provide innovative ways to sustain regional aviation education and workforce programs.<sup>1</sup>
5. Support the Unmanned Aircraft Systems (UAS) Safety and Integration Task Force and working groups. Assist in the safe and efficient integration of UAS into the region's existing transportation system.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

### ***Principal Performance Measures:***

1. Host four ATAC meetings to include briefings for elected officials at the local, State, and federal levels and provide status reports on ATAC activities to other NCTCOG committees. Monitor and track aviation funding provided to the region. Foster more communication and collaboration amongst ATAC members.
2. Update travel-time contours to regional aviation facilities as needed. Monitor the aviation chapter in the Metropolitan Transportation Plan, Mobility 2045, related to implementation of programs and policies.
3. Review and initiate an update to the North Central Texas General Aviation and Heliport System Plan for accuracy.
4. Participate on committees to share data and resources with stakeholders and support curriculum development to assist and facilitate aviation programs. Maintain, enhance, and promote NCTAviationcareers.com at aviation education outreach events.
5. Host at least six UAS Safety and Integration Task Force and working group meetings for local, State, and federal partners, as well as industry experts, universities, and other organizations. Coordinate the UAS Task Force to monitor, inventory, and share efforts to implement UAS initiatives within the region. Host at least four Know Before You Fly workshops for the public and interested individuals.

### ***Results:***

1. Staff hosted four ATAC meetings to include briefings for elected officials at the local, State, and federal levels and provided status reports on ATAC activities to other NCTCOG committees. Staff monitored and tracked aviation funding provided to the region by inventorying Texas Transportation Commission funding and reporting back to ATAC. More communication and collaboration amongst ATAC members was fostered by encouraging general aviation airport representatives to provide committee presentations and scheduling staff briefings on UAS Task Force activities.
2. Regional aviation goals and strategies outlined in the Metropolitan Transportation Plan, Mobility 2045, were monitored. Staff reviewed and scored the aviation section of the Mobility 2045 Policy Bundle applications that were submitted by local governments, transit agencies, and independent school districts. Staff was not required to update travel-time contours to regional aviation facilities in FY2021.
3. In FY2021, staff continued to review and initiate an update to the North Central Texas General Aviation and Heliport System Plan for accuracy. An application for funding of a new system plan will be pursued with the Federal Aviation Administration.
4. Staff participation on the Dallas-Fort Worth Regional Aerospace Consortium continued. The Consortium monitors aerospace and aviation workforce data. A new survey of aviation education initiatives was administered to assess the current state of aviation-related programs in the region. Work with career and technology education programs continued within area independent school districts to promote aviation education. Participation in these programs was provided through presentations, speaking engagements, and other outreach events, as well as membership on various committees. Staff participated on the Tarrant County Community College Advisory Committee, Game of Drones Planning Committee, Bell Aerial Robotics Advisory Committee, Fort Worth Drone Advisory Committee, NCTX Aerial Robotics Leadership Committee, Fort Worth ISD UAS Workforce Steering Group, Irving ISD Aviation Advisory Board, Crowley ISD CTE Advisory Board, and the Midlothian ISD Advisory Board.
5. Nine Unmanned Aircraft Systems Safety and Integration Task Force meetings were completed. Staff also organized four UAS working groups focused on issues and

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

opportunities associated with legislation, education, integration, and training as it continued to monitor, inventory, and share efforts to implement UAS initiatives within the region.

6. **Goal:** Develop and implement the Transportation Improvement Program, and support and facilitate the funding and implementation of transportation projects in the Dallas-Fort Worth Metropolitan Area.

**Funding Source:** FY2021 Transportation Planning funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), federal Surface Transportation Block Grant Program (STBG) funds, Regional Toll Revenue (RTR) funds, and Transportation Development Credits.

**Attainment:** Met

**Primary Work Tasks:**

1. Begin development of the 2023-2026 Transportation Improvement Program (TIP).<sup>2,3</sup> (FHWA, FTA, TxDOT)
2. Modify the 2021-2024 TIP each quarter, in line with TxDOT's quarterly Statewide Transportation Improvement Program (STIP) modification cycle.<sup>2,3</sup> (FHWA, FTA, TxDOT)
3. Maintain updated information system to track TIP projects and continue development of new project tracking system.<sup>1</sup>
4. Monitor the status of RTR-funded projects and manage RTR funds.<sup>1</sup>

**Principal Performance Measures:**

1. Conduct meetings with project sponsors and TxDOT districts to gather updates on projects needed for development of the 2023-2026 TIP/STIP.
2. Refine projects in the 2021-2024 TIP/STIP through coordination with cities, counties, and transportation agencies throughout the region. Project modifications will be submitted to TxDOT for inclusion in quarterly STIP revision cycles, as appropriate.
3. Finalize enhancements in Invoicing module. Initiate development and testing of the TIP Development module. Continue the development of the new public web mapping site in a more robust ArcGIS Online.
4. Track the implementation of RTR-funded projects by reviewing RTR-funded TIP modifications, coordinating with local government entities and TxDOT, monitoring fund balances to ensure financial constraint, processing closeouts as needed, and submitting Texas Transportation Commission (TTC) minute order change requests after each quarterly TIP modification cycle.

**Results:**

1. Work began on the 2023-2026 Transportation Improvement Program (TIP), which included gathering project data for more than 900 transportation projects being implemented by 67 project sponsors.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

2. Four hundred fifteen modifications to the TIP were completed, including 278 which required Federal Highway Administration or Federal Transit Administration approval.
  3. Staff tested, verified, and deployed an updated Invoicing module to accommodate the display of closed-out projects, ensured all phases of a project with an advance of RTR funds appeared on the invoice, allowed invoices to be submitted with overlapping dates, and ensured running totals worked as intended when an invoice was created or updated. In addition, the team began to document needed improvements, create rules, and add new functionality for the Funding Allocation module. Eighty-three enhancements and improvements were deployed to the Projects, TIP Mod Submission, TIP Mod Editing, Invoicing, and Reports modules.
  4. RTR-funded projects were reviewed, and four (4) project close-outs were completed. County RTR account balances were analyzed, and adjustments were made to correct account balances as needed. Changes to RTR-funded projects requiring TTC approval were submitted after each TIP modification cycle to be included in the minute order.
7. **Goal:** Expedite the advancement and delivery of regional transportation projects resulting from a coordinated, comprehensive, data-driven, and performance-oriented linkage of transportation and environmental planning processes based on equity, stewardship, and sustainability.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), federal Surface Transportation Block Grant Program (STBG) funds, Regional Toll Revenue (RTR) funds, and Texas Department of Transportation (TxDOT) funds.

**Attainment:** Met

**Primary Work Tasks:**

1. Assist the Texas Department of Transportation (TxDOT), North Texas Tollway Authority (NTTA), transit authorities, and other transportation implementing entities through partnership efforts to expedite planning, prioritization, engineering review, environmental evaluation, economic analyses, permitting/approval, programming, construction, and performance monitoring of high-priority freeway, toll road, managed lanes (e.g. tolled, express lanes, truck lanes), thoroughfare, transit, and other multimodal transportation corridor projects.<sup>1,2,3,4</sup> (FHWA, FTA, TxDOT, local agencies)
2. Encourage and support innovative design and construction methods for the projects that maximize cost-effective lifecycle functionality and include measures to facilitate enhanced integration between transportation and environmental mitigation, asset management, infrastructure resiliency, resource preservation, and context sensitivity.<sup>1,2,3,4</sup> (FHWA, FTA, TxDOT, local agencies)
3. Coordinate with federal, State, and local partners and provide support for Transportation Department staff to maintain compliance and expand applications with appropriate nondiscrimination laws and regulations among plans, programs, and projects in pursuit of transportation equity objectives.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

4. Continue to develop, implement, review, and refine multifaceted analytical tools, data governance measures, and communication techniques to help inform the transportation planning and investment decision-making processes.<sup>1 2,3</sup> (FHWA, FTA, TxDOT)

***Principal Performance Measures:***

1. Work cooperatively with North Central Texas transportation providers, federal and State resource agencies, and local governments to identify and track the development, delivery, condition, and performance of high-priority projects. Coordinate regularly with all partners to improve relationships, clarify roles and responsibilities, and develop and initiate strategies to reduce project implementation costs and delays for high-priority projects.
2. Collaborate frequently with North Central Texas transportation providers, federal and State resource agencies, subject-matter expert (SME) teams, industrial producers, environmental nonprofit groups, and local governments on strategies to enhance consideration and incorporation of regional economic and environmental priorities within the metropolitan transportation planning process. Engage partners in defining and quantifying methods, opportunities, risks, and benefits in applying those strategies where feasible toward innovative and sustainable design, construction, and preservation measures.
3. Provide education, enable training opportunities, and apply best practices for staff and appropriate committees on federal nondiscrimination requirements, as well as monitor and document current efforts, coordinate with public involvement, and evaluate procedures and guidance for the NCTCOG Transportation Department and its partners, as necessary. Produce and update methodologies and planning products to analyze Title VI and environmental justice compliance for North Central Texas plans, programs, and project implementation, and outline progress and/or additional steps toward transportation equity achievements.
4. Coordinate with federal, State, and local entities, as well as with internal Department sources, regarding transportation and environmental data needs, applications, collection activities, protocols, and potential linkage or consolidation possibilities in addressing transportation project development, programming, decision-making, and performance. Produce planning products such as maps, databases, dashboards, methodologies, manuals, reports, and other written or visual correspondence to better inform those processes.

***Results:***

1. Staff assisted the Texas Department of Transportation (TxDOT), North Texas Tollway Authority (NTTA), transit authorities, and other transportation implementing entities, through partnership efforts, to expedite permitting/approval, programming, environmental review and coordination, and funding on region priority freeways, toll roads, managed lanes, arterials, and transit projects.
2. A multiyear integrated regional transportation, development, and stormwater management study was initiated to address infrastructure vulnerability to flooding and create a comprehensive framework linking asset management, resiliency, performance management, and project selection/prioritization. A University Partnership Program study was completed, with assistance from university students, to identify resilience dimensions of transportation infrastructure and develop a decision-making tool to measure relative levels of resilience with respect to specific natural hazards. Staff

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

formulated a new Statewide Resiliency Technical Work Group, through coordination with the Federal Highway Administration (FHWA) Texas Division, Texas A&M Transportation Institute (TTI), TxDOT, and the Texas Association of Metropolitan Planning Organizations (TEMPO), to collectively assist metropolitan planning organizations, local governments, and transportation providers with enhancing the incorporation of resiliency and risk-based planning/programming.

3. Staff was trained in best practices to incorporate equity analyses and outreach in their work. Staff participated in quarterly coordination meetings with NCTCOG Transportation Department Public Involvement staff. Data and methodologies for the Environmental Justice Index and Transit Accessibility Improvement Tool was updated. Transportation needs of equity communities were identified.
4. Staff updated data in online tools that support environmental stewardship and mitigation. Staff surveyed public and private entities about environmental data needs, and continued to address performance data needs and coordination improvements with respect to target setting for National Highway System (NHS) bridge and pavement assets, particularly those on off-system facilities.

8. **Goal:** Improve air quality and ensure compliance with federal standards.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration (FHWA) Section 112 PL funds, Federal Transit Administration (FTA) Section 5303 funds, and Texas Department of Transportation (TxDOT) matching funds in the form of Transportation Development Credits), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Surface Transportation Block Grant Program (STBG) funds, US Environmental Protection Agency (EPA) funds, US Department of Energy (DOE) funds, Texas Commission on Environmental Quality (TCEQ) funds, Regional Transportation Council (RTC) Local funds, and other public or private funds and in-kind contributions.

**Attainment:** Met

**Primary Work Tasks:**

1. Initiate, develop, and assist with air quality planning measures that provide demonstrating transportation conformity, development of State Implementation Plans, and provide research, technical, and educational air quality related projects. <sup>1,2,3,4</sup> (FHWA, FTA, TCEQ, TxDOT)
2. Develop, implement, assist, and promote strategies and policies/best practices that reduce emissions from fleets and other commercial vehicles. <sup>2,3</sup> (EPA, DOE, FHWA, TCEQ)
3. Develop, implement, assist, and promote policies and other measures available to local governments and businesses that help facilitate deployment of lowest-emissions and efficient technologies. <sup>2,3</sup> (DOE, FHWA)
4. Develop, implement, assist, and promote initiatives to reduce emissions from consumer vehicles. <sup>2,3,4</sup> (DOE, FHWA, TCEQ, nonattainment counties)

**Principal Performance Measures:**

1. As necessary, develop a successful regional Air Quality Conformity analysis, incorporating new or updated projects proposed for inclusion in the Metropolitan

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Transportation Plan and Transportation Improvement Program (TIP) to confirm that on-road emission levels are consistent with the State Implementation Plan (SIP). Update and maintain a Mobile Source Emission Reduction Strategies database that will ensure the nonattainment area continues to meet federal requirements of timely transportation control measure implementation. Prepare and submit CMAQ annual report(s) of funded projects for use by USDOT. Prepare multipollutant emission inventories for inclusion into a comprehensive information system. Respond to technical and research requests from local municipalities, federal government agencies, RTC representatives, and others. Actively participate in local, State, and national technical groups and committees dealing with National Ambient Air Quality Standards (NAAQS), and mobile source issues. Assist TCEQ, EPA, local governments, and others with the development, analysis, and monitoring of elements contained in and required of the SIP, as necessary, to meet air quality requirements. Compile existing and future emission reduction control strategies for use in the maintenance of air quality standards. Stay current and perform sensitivity analyses on EPA, FHWA, Federal Aviation Administration, and other model developments used in regional air quality planning. Continuously monitor and provide updates regarding lawsuits, legislative activities, the TCEQ public hearing announcements, NAAQS, and other pollutants, including federal rulemaking activity.

2. Facilitate fleet and commercial vehicle technology improvements such as vehicle/equipment replacements, alternative fuel or electrified parking infrastructure development, and other technology upgrades that reduce emissions. Administer and/or promote funding initiatives for fleet upgrades. Host or participate in workshops/meetings, trainings, webinars, loaner programs, and ride-and-drives for local fleets and commercial vehicle stakeholders to be exposed to and educated about advanced technologies and emissions-reducing strategies. Provide technical support to fleets in identifying grant opportunities, appropriate technologies, and setting policies/goals. Perform on-site auditing and monitoring visits of subrecipients and participating parties to ensure grant compliance. Engage fleets and commercial vehicle stakeholders through collaborative programs. Evaluate oversize/overweight heavy-duty diesel vehicle compliance by identifying and assessing associated emissions. Procure, operate, and maintain department vehicles for staff use in department business. Identify and pursue opportunities for demonstration of new measures to improve efficiency and reduce emissions as appropriate.
3. Collaborate with local, State, and national stakeholders to identify and execute policy-related and community readiness strategies related to reducing emissions impacts from transportation and related sources. Promote local government adoption of RTC-recommended policies that influence operations within their jurisdictions. Develop template documents and guidance for regulatory changes that support deployment of the lowest-emissions technologies. Maintain websites to provide technical and policy resources to regional stakeholders. Evaluate new areas where regional policy development may be appropriate and incorporate policy statements in the Metropolitan Transportation Plan Policy Bundle, as applicable.
4. Develop and implement projects to inform the public and seek behavior change to reduce vehicle emissions. Host or participate in events to educate and expose the public to new vehicle technologies. Support the Regional Emissions Enforcement Program by partnering with local law enforcement agencies to conduct on-road enforcement, and pursue improvements through local, regulatory, and legislative means. Identify and pursue opportunities for demonstration of new measures to improve efficiency and reduce emissions, as appropriate.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

## **Results:**

1. Planning continued to conduct a transportation conformity analysis in 2021 for the NCTCOG Metropolitan Transportation Plan, *Mobility 2045: The Metropolitan Transportation Plan for North Central Texas*, and associated Transportation Improvement Program for North Central Texas. Staff performed numerous sensitivity runs to understand impacts between the EPA's MOVES 2014b model and the new model, MOVES3, especially effects on on-road emission inventories. Updates to the Mobile Source Emission Reduction Strategies (MoSERS) commitments of CMAQ-funded projects continued as needed, based on project parameter updates, for inclusion in Transportation Improvement Program reporting and the annual CMAQ report. Staff completed and submitted the 2019 annual CMAQ report to the Texas Department of Transportation. Continued updates to MoSERS commitments of CMAQ-funded projects were conducted as needed, based on project parameter updates. Review was conducted to ensure CMAQ emissions reductions for federal Performance Measures targets were met for FY2021 and on track for FY2022, with adjustments made to FY2022 targets based on current data. Sensitivities were conducted on required air quality tools to ensure output and implementation impacts. Assistance was provided to various teams, both internally and externally, by querying emissions factors from the MOVES model runs and estimating emissions benefits for different strategies and grant applications, as requested. This included work done for the Rebuilding American Infrastructure with Sustainability and Equity (RAISE) and Infrastructure for Rebuilding America (INFRA) grant projects and the Meadows Foundation to continue working on the comprehensive multipollutant emission inventory. Assistance was provided to local governments by estimating emissions benefits for different strategies and grant applications, as requested. Staff began planning for the region's reclassification from serious to severe under the 2008 ozone NAAQS and from marginal to moderate under the 2015 ozone NAAQS. This included coordination with EPA and TCEQ to understand upcoming requirements and development of multiple on-road emissions inventories for TCEQ. Participation continued in statewide and national efforts, including those of the Association of Metropolitan Planning Organizations (AMPO) Air Quality Workgroup, Transportation Research Board's Transportation and Air Quality Committee, Advisory Council of the Texas Air Quality Research Program, the Coordinating Research Council, Motor Vehicle Emission Simulator (MOVES) Review Work Group, and Statewide Technical Working Group for Mobile Source Modeling. During ozone season, daily updates were made to allow public awareness to real-time ozone levels and trends. Tracking was also conducted on relation of COVID-19 and impacts to air quality.
2. Three Calls for Projects were administered to provide funding assistance for emissions-reducing projects: the Clean Fleets North Texas 2020 Call for Projects, the North Texas Emissions Reduction 2020 Call for Projects, and the North Texas Freight Terminal Electrification 2020 Call for Projects. Across these initiatives, a total of 13 heavy-duty diesel vehicle replacements, 10 diesel non-road equipment replacements, and 135 electrified parking space projects were awarded, and project implementation began. Implementation of projects awarded in previous fiscal years continued, including reimbursement of five heavy-duty vehicle replacements and monitoring activities to ensure grant compliance. Sixteen email blasts promoting or announcing various funding opportunities were distributed throughout the year to the "Air Quality Funding" email list, which added 96 subscribers throughout the year. Staff heavily promoted the Texas Volkswagen Environmental Mitigation Program funding, resulting in Dallas-Fort Worth being the only region across the State in which all funds were requested for bus, refuse, or local freight truck replacement projects. NCTCOG continued to serve as the Dallas-

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



Fort Worth Clean Cities (DFW Clean Cities) Coalition and hosted nine meetings/webinars to educate fleets on emissions-reducing technologies, alternative fuel vehicles, and related funding opportunities. Staff analyzed one local fleet inventory to guide fleets toward potential funding programs and facilitated completion of electrification plans for two additional fleets. Outreach and funding initiatives resulted in 12 additional organizations adopting the RTC Clean Fleet Policy during the fiscal year, bringing the total number of adopting entities to 85. Engagement with fleets and commercial freight stakeholders continued through the Saving Money and Reducing Truck Emissions Program and the EPA SmartWay Transport Program activities. One low-emissions vehicle was maintained and operated for staff use in department business.

3. NCTCOG continued to promote and facilitate adoption of Clean Construction Contract Language and Locally Enforced Idling Restrictions through the Metropolitan Transportation Plan Policy Bundle effort. Websites related to these policies were maintained. As part of DFW Clean Cities efforts, nine webinars/roundtable meetings were held to provide information to communities or property owners about planning for electric vehicle (EV) infrastructure. Policy implications of EV adoption, particularly with regard to transportation revenue, were evaluated, and staff initiated discussions around the idea of building codes or standards for new construction. Staff also facilitated local stakeholder participation in a national EV data collection project. Collaboration with local and State stakeholders continued to address policy-related and community readiness strategies related to reducing emissions impacts of idling vehicles. Outreach was continued to increase compliance with statutory electricity consumption reporting requirements that apply to the nonattainment area, increasing the number of reporting organizations to 96. Stakeholder meetings were held, and planning activities conducted, to develop an infrastructure deployment plan to enable a Zero-Emission Vehicle Corridor along Interstate 45 with focus on heavy-duty vehicle fleets. Supported the Regional Integration of Sustainability Efforts (RISE) Coalition and held four meetings of a related working group to discuss the impacts of transportation-related air pollution on public health.
4. NCTCOG provided presentations about air quality and vehicle technologies (especially EV technology) at both virtual and in-person events held throughout the region. Idle reduction best practices and consumer-related educational materials continued to be maintained on the Engine Off North Texas website ([www.EngineOffNorthTexas.org](http://www.EngineOffNorthTexas.org)). Regional Smoking Vehicle Program and car care awareness were promoted to inform the public how consumer behaviors impact vehicle emissions. Staff continued support to partnering with local law enforcement agencies through the Regional Emissions Enforcement Program. Stakeholder meetings were coordinated to discuss evolving the technology to improve the needs of State vehicle inspection programs for consumer vehicles.

9. **Goal:** Continue to assist communities in the implementation of Sustainable Development initiatives such as bicycle and pedestrian planning, transit-oriented development, and land-use planning, economic development, parking, and community schools and transportation.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Surface Transportation Block Grant Program (STBG) funds, federal Congestion Mitigation and Air Quality Improvement Program (CMAQ)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

funds, Federal Highway Administration (FHWA), Federal Transit Administration (FTA) funds, Regional Toll Revenue (RTR) funds, Regional Transportation Council (RTC) Local funds, other local funds, and Transportation Development Credits (TDCs).

**Attainment:** Met

**Primary Work Tasks:**

1. Contract and implement Sustainable Development infrastructure projects.<sup>1</sup>
2. Continue coordination and implementation on existing planning studies and focus on completion and close-out procedures.<sup>1</sup>
3. Provide planning assistance for land use and transportation projects, including transit-oriented development (TOD) projects.<sup>1</sup>
4. Provide meeting opportunities for coordination on coordinated land use/transportation planning for cities and transit agencies.<sup>1</sup>
5. Complete all products for the FTA TOD Planning Project.<sup>1,2</sup> (FTA)
6. Advance the Community Schools and Transportation Program.<sup>1,2</sup> (FTA)
7. Host quarterly Regional Bicycle and Pedestrian Advisory Committee (BPAC) meetings.<sup>1</sup>
8. Provide planning assistance for bicycle and pedestrian projects and continue mapping efforts.<sup>1</sup>
9. Continue bicycle and pedestrian data collection and reporting.<sup>1,2</sup> (FHWA)
10. Provide training and webinar opportunities to stakeholders on Sustainable Development principles such as Bicycle and Pedestrian Safety and Accessibility, Land Use, School Siting and Safe Route to School, Green Infrastructure, Parking, etc.<sup>1</sup>
11. Provide Regional Bicycle and Pedestrian Safety education and outreach.<sup>1,2,3,4</sup> (FHWA, TxDOT, local governments in the Metropolitan Planning Area)
12. Continue developing a Regional Pedestrian Safety Plan.<sup>1,2,4</sup> (FHWA, local governments in the Metropolitan Planning Area)
13. Initiate Regional Smart Transit Corridors and Walkable Places planning.<sup>1</sup>
14. Initiate Regional Parking Management Initiatives.<sup>1</sup>

**Principal Performance Measures:**

1. Work with local governments to implement projects by continuing oversight of design and construction on various Sustainable Development infrastructure projects. Review progress reports and invoices and provide overall project tracking and reporting of the program.
2. Continue to monitor and manage existing consultant planning studies, review deliverables as available, and participate in the public involvement process. As studies are concluded, complete close-out procedures.
3. Perform work related to planning technical assistance, workshops, land use and demographic analysis, parking, review of existing conditions, policies, zoning, and code requirements.
4. Host a minimum of two Coordinated Land Use and Transportation Planning Task Force meetings or trainings during the year.
5. Complete work to identify needs at the 28 stations of the study, develop priority corridors, and improvement recommendations and costs. Continue coordination with city partners and DART.
6. Develop tools and resources and provide technical assistance. Host a minimum of one large training session to discuss regional issues related to school siting and

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

transportation connections. Develop additional Safe Routes to School plans and a regional Safe Routes to School Action Plan.

7. Prepare meeting information and advertise for four BPAC meetings annually. Develop agendas and presentations that provide educational information and updates on programs, projects, and funding opportunities.
8. Continue efforts to develop and fund regional trails. Provide updated mapping to the regional Veloweb, community pathways, and on-street bikeways, and provide technical assistance on community plan and project development.
9. Produce an annual bicycle and pedestrian count report.
10. Host a minimum of two workshops/training sessions on Sustainable Development principles.
11. Continue regional safety outreach and promotion of LookOut Texans by providing education materials and items at events and online throughout the year.
12. Continue development of a regional Pedestrian Safety Plan, including analysis and recommendations to improve safety and connectivity, and develop roadway safety audit locations.
13. Develop multimodal planning reports and regional guidance documents to improve coordinated land use and transportation planning for current and future areas of interest.
14. Develop data-driven tools, strategies, and plans, and provide technical assistance to support management and programming of efficient parking at various locations in the region.

**Results:**

1. Staff continued to work with local governments to implement projects in the Sustainable Development Funding Program. Seven infrastructure projects are currently underway, and staff reviewed invoices and progress reports throughout the year. Four projects—Grapevine-Hudgins Street, Fort Worth-South Main, Lewisville-Old Town, and Irving Heritage Landbanking project—were completed. Staff began development of metrics and data collection/analysis for an evaluation study of completed Sustainable Development funding program projects.
2. Various consultant and project partner-led studies were managed. Staff reviewed various project deliverables and hosted stakeholder meetings throughout the planning process. Invoices and progress reports were also reviewed and approved. Data collection and preparation for public/stakeholder outreach began for the Fort Worth-to-Regional Trail Branding project. Preliminary engineering was completed for Southern Dallas County Regional Veloweb Alignment Study through the cities of Cedar Hill, Duncanville, DeSoto, and Lancaster. Preliminary engineering was also completed for the Fort Worth Bomber Spur Regional Trail.
3. Staff provided planning assistance to the City of Dallas for Vickery Meadows TOD Plan update and completed multimodal transportation improvement stakeholder coordination for the Dallas district of Deep Ellum. Development of a Downtown Wylie Vision plan was completed, including facilitation of stakeholder conditions and preliminary design concepts. Planning assistance to the City of Kennedale was provided to develop an existing conditions analysis and walk audit for the development of a Kennedale Parkway context-sensitive design plan. Staff provided planning assistance to the City of Balch Springs for development of a Hickory Tree Road context-sensitive design plan, including existing conditions review, preliminary concepts, stakeholder meetings, and launch of public outreach. Regional green infrastructure training was held. Work began on a regional guide for developing community gardens on public land near transit stations.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Round 3 of the Blue-Green-Grey funding initiative was opened, and proposals submitted and selected for funding recommendations.

4. Four quarterly meetings of the Coordinated Land Use and Transportation Planning Task Force were held in FY2021. Staff prepared presentations, coordinated virtual meeting set up, contacted local governments to identify contacts, and recruited speakers. Each meeting had a featured topic, in addition to local updates on land use/transportation projects, policy, or plans that provided repeatable strategies for other local governments. Featured topics included repurposing right-of-way for parklets and increased sidewalk space, parking management and policy reform, infill development and transportation impact, and social equity in land use and transportation planning.
5. The DART Red and Blue Lines Corridor TOD Study final recommendations and summary documents were completed in August 2021. Various products are available online that outline the routes to rail analysis, the parking review, and the survey of those living and working near the stations.
6. Staff continued development of a Safe Routes to School regional action plan. Development of a workshop series began that focused on street connectivity/subdivision design for safe routes to school, as well as an RTC Safe Routes to School workshop. Technical assistance was provided to cities and independent school districts regarding planned or proposed school sitings and Safe Routes to School projects. Safe Routes to School projects awarded funding as part of a Transportation Alternatives Call for Projects were monitored for progress in advancement and coordination provided when needed.
7. Four quarterly meetings of the Bicycle and Pedestrian Advisory Committee were held in FY2021. Meeting agendas and materials were prepared, and announcement notices sent in advance of each meeting. A wide variety of topics were presented at the meetings, including how trails serve as an employee attractor for businesses, the increase in usage of trails and shared bicycle facilities during the COVID-19 pandemic, the Regional Pedestrian Safety Action Plan, TxDOT's Call for Bicycle and Pedestrian Infrastructure projects, TxDOT's Interim Guidance for Design Practices to Accommodate Bicycles; TxDOT's Comprehensive Accessibility Program; methodology and development of "Demand Zones" for pedestrian and bicycle travel, Best Practices for Trails and Bikeways GIS Fields and Attributes, technology for baseline data collection for bikeways in Fort Worth, and a summary of TxDOT's virtual public hearing for bicycle use on the State Highway System.
8. Coordination continued with Dallas Area Rapid Transit and local governments related to the design and construction of the Cotton Belt Trail to be implemented with the DART Silver Line Commuter Rail project. Ongoing updates were continued throughout the year related to the regional database of trails and bikeways. The data is provided on an online interactive map and used for multiple ongoing plans and studies throughout the region and will be included in the Mobility 2045 Update. Staff provided support for TxDOT's virtual public hearing for bicycle use on the State Highway System and provided trail and bikeway master plan GIS files to consultants coordinating various TxDOT highway improvement planning/projects.
9. The 2020 Bicycle and Pedestrian Traffic Data and Annual Report was finalized and distributed in March 2021. The report highlights bicycle and pedestrian facility user count data collected in 19 locations throughout the region. NCTCOG also began coordination with TxDOT to provide trail and bikeway count data in the region to be included in the Texas Bicycle and Pedestrian Count Exchange.
10. NCTCOG coordinated with the Federal Highway Administration to host two Designing for Pedestrian Safety virtual workshops for regional stakeholders and two Road Safety Audit virtual workshops (for pedestrian and bicycle safety).

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

11. The regional safety campaign “Look Out Texans Bike-Walk-Drive Safely” continued throughout the year via the campaign website, [www.lookouttexans.org](http://www.lookouttexans.org). In addition, the Regional Trails of North Texas brochure was updated and distributed to stakeholders around the region. Various education and outreach materials were provided for community events and staff coordinated with regional partners to promote the safety tips. NCTCOG continued to promote pedestrian and bicycle safety tips via social media posts, and also continued ongoing promotions of videos highlighting regionally significant trails through social media and local stakeholders.
12. The Regional Pedestrian Safety Action Plan, which provided goals, policies, and action plan strategies to improve pedestrian safety across the region, was completed. The plan and related documents were endorsed by the Regional Transportation Council and are posted online.
13. Staff initiated the review and options to promote the development and adoption of Complete Streets policies by local jurisdictions in the region. Economic benefit of walkable places research was advanced through Benefit-Cost Analysis development. Research on national best practices in value capture related to coordinated land use and transportation was conducted. An inventory of tax increment revenue zones used in the North Texas region for the 50 largest municipalities was conducted. Staff also initiated work in developing criteria for identifying walkable places, identifying additional walkable places in the metroplex, and research for developing a walkable places typology.
14. A Summary of North Texas Local Parking Study was completed, covering insights from 11 parking plans and management studies of walkable places. Development of a regional parking utilization database was initiated.

10. **Goal:** Coordinate and support the planning for and deployment of automated vehicles to improve the region’s transportation system.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas Department of Transportation (TxDOT) funds, Regional Transportation Council (RTC) Local funds, and Transportation Development Credits (TDCs).

**Attainment:** Met

**Primary Work Tasks:**

1. Sustain and expand current efforts to implement transportation innovations across the region.<sup>1</sup>
2. Establish initiatives to enhance and accelerate both planning and deployment of automated vehicles across the region.<sup>1</sup>
3. Support efforts by local, regional, State, and academic institutions to explore the impacts and planning considerations of automated transportation technologies.<sup>1</sup>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Principal Performance Measures:**

1. Encourage the deployment of automated vehicle technologies; cultivate transportation data sharing capabilities by local partners; support development of shared mobility services; educate regional decision makers and public on automated vehicle technology and planning considerations; and coordinate with local and State government entities on “smart city/smart transportation” initiatives.
2. Select consultant expertise to launch regional automated vehicle planning initiatives.
3. Develop web-based informational resources; workforce impact research studies; and data-driven forecasting and modelling tools for long-range transportation planning; as well as cultivate partnerships with local, regional, State, and academic entities.

**Results:**

1. Staff supported numerous smart city and transportation innovation conferences and participated in ongoing state- and nation-wide transportation technology working groups. Cities in North Texas were advised on possible automated vehicle solutions for mobility problems they have identified. Work continued between NCTCOG and TxDOT for the IH 30 Technology Corridor project as part of TxDOT’s Connected Freight Corridor Program, which includes piloting new communications technologies (e.g., direct short-range radio communications and 5G wireless) along significant corridors. Staff made 32 presentations to groups and associations across Texas and the United States. In FY2021, a consultant was selected to lead the Dallas-Fort Worth Freight Optimization project which aims to improve the flow of freight traffic at signalized intersections near freight-oriented developments throughout North Texas by using cutting edge traffic signal technologies.
  2. In 2021, a consultant was selected to begin work on a regional planning exercise to prepare the region for increasing roadway and vehicle automation, as well as increasing communications connectivity. This planning exercise is currently underway and will continue into 2022. Staff collaborated with local partners to develop six grant proposals which were then presented to, and approved by, the Regional Transportation Council. The next phase of work for these projects will begin in 2022.
  3. Work began to develop modeling tools focused on the impacts of automated vehicles on the region’s roadway system. A University Partnership Program project was completed that focused on the impacts of emerging transportation technologies and shared mobility within disadvantaged communities around Dallas-Fort Worth. A partnership was formed between NCTCOG and the region’s research universities to establish the North Texas Center for Mobility Technology (NTCMT). The NTCMT is an effort to cultivate local research talent, generate locally relevant research projects, and provide research resources to technologies developers interested in working in North Texas.
11. **Goal:** Develop and monitor the Metropolitan Transportation Plan (MTP) and perform planning studies to evaluate and refine roadway, transit, and freight projects recommended in the MTP.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), North Texas Tollway Authority (NTTA) funds, TxDOT funds, and public or private funds.

<sup>1</sup> NCTCOG Measure  
<sup>2</sup> Federal Measure  
<sup>3</sup> State Measure  
<sup>4</sup> Local Measure

**Attainment:** Met

**Primary Work Tasks:**

1. Monitor projects in the current long-range plan and conduct regular coordination with transportation planning partners and providers to identify potential modifications to the projects listed in the Metropolitan Transportation Plan.<sup>1,2,3</sup> (FHWA, TxDOT, NTTA)
2. Monitor and evaluate potential revenue available for transportation projects between the years of 2022 and 2045.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)
3. Evaluate transportation system needs and develop potential alternatives on major travel corridors between years of 2022 and 2045.<sup>1,2,3</sup> (FHWA, FTA, TxDOT, NTTA)
4. Monitor system performance, develop and track performance measures, and incorporate performance-based planning in the development of Metropolitan Transportation Plan.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)
5. Engage the public in the process of updating the Metropolitan Transportation Plan and provide results of the planning process.<sup>2,3</sup> (FHWA, FTA, TxDOT)

**Principal Performance Measures:**

1. Identify projects, evaluate, recommend, and develop freight and multimodal improvements for inclusion in the Mobility Plan Update through a collaborative process with transportation partners.
2. Document estimates of future-year revenue availability using tax and revenue estimates from federal, State, and local government sources.
3. Produce reports that compare multimodal alternatives for inclusion in the Metropolitan Transportation Plan and follow-up efforts such as required environmental evaluation studies.
4. Monitor and assess transportation system performance using observed data and a variety of planning tools, including the Travel Demand Model. Monitor progress towards adopted performance targets and report performance results.
5. Develop online tools to inform and educate the public on the transportation planning process and the recommendations included in the Metropolitan Transportation Plan. Present information at committee and public meetings.

**Results:**

1. Quarterly coordination meetings and other project-specific ad hoc meetings were held with transportation partners to monitor the progress of ongoing studies and evaluate the effectiveness of design concept and design scope. Staff also collaborated with multiple freight railroads, the Texas Department of Transportation, cities, and counties on regional/corridor freight studies, including truck corridor studies, truck parking reviews, at-grade rail crossing safety initiatives, truck lane restrictions, and freight/passenger rail mobility. Staff coordinated and participated in public meetings, technical team meetings, and conference calls.
2. Revenue sources were estimated and compiled in the Mobility Plan revenue forecast model. Major base assumptions such as inflation rates, population estimates, fuel efficiency, and historical revenue trends were updated. Findings and estimates were reported on a regular basis to department management.
3. Roadway alternatives were evaluated to determine capacity needs within logical constraints on freeway and arterial corridors. Alternatives were also performed to calculate the benefits of providing optimal operational improvements on arterials. Travel

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

model support and coordination was provided for new and ongoing major roadway corridor studies, as well as thoroughfare planning and subarea studies. This effort included roadway network coding, travel demand modeling, the development of alternative scenarios, demographic review, historical volume research, volume change analyses, and select link and origin/destination analyses.

4. The Travel Demand Model was utilized to assess roadway performance for new and previously recommended freeway/tollway improvement projects as staff worked to implement the recommendations in Mobility 2045. Preliminary testing for new roadway modeling processes for the Mobility 2045 Update continued. Work continued on general performance measure implementation, including preliminary assembly of a new performance measurement framework for the Mobility 2045 Update. Additional activities included target setting and progress monitoring activities related to federal performance measures. New targets were adopted for Highway Safety and Transit Safety measures in FY2021, along with preparations for anticipated additional target setting action for additional measures in early FY2022. Staff continued to maintain a cooperative framework for agency- and plan-specific performance measurement activities.
5. Several interactive online mapping tools were developed and maintained on the Mobility 2045 webpage to inform the public of the transportation planning process and the challenges of providing mobility within the region. In particular, a public-friendly GIS-based tool named Map Your Experience was developed and placed online to provide a platform for the public to make location-specific comments related to transportation within the North Central Texas region. Information on this new online tool, in addition to the schedule and major updates included in the Mobility 2045 Update, was presented to the Surface Transportation Technical Committee, the Regional Transportation Council, and through public meetings.

12. **Goal:** Enhance public transportation options and implementation in North Central Texas.

**Funding Source:** FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), Federal Transit Administration (FTA) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas Department of Transportation (TxDOT) funds and in-kind matching funds in the form of Transportation Development Credits, Regional Transportation Council (RTC) Local funds, and other public or private funds.

**Attainment:** Met

**Primary Work Tasks:**

1. Provide recommendations to the Regional Transportation Council for programming of FTA funds to support the operation of public transportation services in the region.<sup>1,2</sup> (FTA)
2. Serve as the FTA Designated Recipient for Urbanized Area Formula Program (Section 5307), Bus and Bus Facilities Program (Section 5339), State of Good Repair Program (Section 5337), and Enhanced Mobility of Seniors and Individuals with Disabilities Program (Section 5310) funds on behalf of public transportation providers in the

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



Dallas-Fort Worth-Arlington Urbanized and Denton-Lewisville Urbanized Areas.<sup>2</sup>  
(FTA)

3. Manage projects awarded Job Access/Reverse Commute Program (Section 5316) and New Freedom Program (Section 5317) funds in the Dallas-Fort Worth-Arlington and Denton-Lewisville Urbanized Areas.<sup>2</sup> (FTA)
4. Serve as the lead agency for regional public transportation coordination and planning activities in the 16-county North Central Texas region.<sup>2,3</sup> (FTA, TxDOT)
5. Coordinate transit services and implement innovative transit-related projects and programs to encourage the use of sustainable transportation options and access to public transit services. <sup>2,3</sup> (FTA, TxDOT)
6. Identify and implement new and revised federal transit regulations.<sup>1,2</sup> (FTA)
7. Monitor, implement, and promote the Regional Vanpool Program outlined in the Congestion Management Process (CMP) for the Dallas-Fort Worth Metropolitan Area and Metropolitan Transportation Plan (MTP) document.<sup>2,3</sup> (STBG, FTA, TxDOT)

**Principal Performance Measures:**

1. Develop annual Transit Section program of projects, and coordinate programming of funds in an approved Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP).
2. Administer the Urbanized Area Formula Program (Section 5307), Bus and Bus Facilities Program (Section 5339), State of Good Repair Program (Section 5337), and Enhanced Mobility of Seniors and Individuals with Disabilities Program (Section 5310).
3. Obtain reimbursements for project implementation and reports summarizing project compliance including any needed corrective actions for subrecipients awarded funding for Job Access/Reverse Commute and New Freedom projects.
4. Conduct meetings; participate in task forces, working groups, and coordinating committees; and facilitate partnerships. Present data analyses, participate in public involvement activities, produce maps, document needs, identify gaps in transit service, and provide solutions to improve public transportation.
5. Identify strategic partnerships to establish or sustain transit services in the region. Develop and coordinate funding of project awards to transit services providers and public transit entities to address gaps in transit service and provide solutions to improve public transportation.
6. Provide plans and guidance to subrecipients in response to new regulations; assist transportation providers to revise policies, procedures, and plans based on new regulations.
7. Continue to manage and oversee the Regional Vanpool Program. Coordinate with transit agencies to create and promote a more streamlined program. Monitor and track vanpool-related performance measures.

**Results:**

1. Staff coordinated with 13 public transportation providers to process 22 Fiscal Year 2021 Programs of Projects ensuring TIP/STIP inclusion and approval for a combined total of approximately \$141 million in federal funds through Federal Transit Administration (FTA) programs.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

2. Staff managed 33 FTA grants, totaling approximately \$87 million in federal funds, on behalf of 8 subrecipients. Staff coordinated and submitted 70 quarterly progress reports, 4 Charter Service reports, 6 National Transit Database (NTD) annual reports, 48 NTD Ridership & Safety and Security reports, and 25 Transit COVID-19 Response Program reports.
3. Two Job Access/Reverse Commute (JA/RC) and three New Freedom grants in excess of \$700,000 in federal JA/RC funds and approximately \$796,000 in federal New Freedom funds were managed.
4. Public outreach efforts for the Access North Texas 2022 plan update, which included a series of 28 virtual public outreach meetings throughout North Central Texas, was initiated. Outreach efforts also included the development and distribution of an English public survey, Spanish public survey, and an agency survey, resulting in a total of 1,504 responses; 1,250 of which were collected through a partner agency. Also, activities for My Ride North Texas 2.0 continued with travel navigators receiving 2,095 calls from 11 regional counties and personalized public transportation navigation and information to clients. Staff hosted four quarterly Regional Mobility Manager Meetings, each with around 30 participants from up to 15 regional transit partner agencies and led four coordination meetings for the regional Mobility on Demand (MOD) Working Group composed of members from transit agencies, local governments, private sector, and academia. Three county-level transit planning studies were successfully completed for the following areas: Collin County, Tarrant County, and the southern portion of Dallas County. Results from each of the studies were delivered through a final report that outlines service recommendations and a roadmap for service implementation. Two additional county-level transit planning studies were initiated for the following areas: Denton County and East Dallas, Kaufman, and Rockwall County (EDKR). The Denton County study initiated the process for procurement of a consultant team and the EDKR study will be undertaken by NCTCOG staff. The final planning study initiated for procurement of a consultant during this time was the Intermodal Transportation Hubs for Colleges and Universities Study, which will develop a comprehensive guide for planning and strategic implementation of mobility hubs on college and university campuses around the region.
5. Staff implemented two projects supporting strategies from Access North Texas and one project was transferred to a local transit partner to be implemented. These projects focused on transit service to jobs for low-income workers and service for individuals with disabilities. The Strategic Partnerships Funding Program, formerly the Call for Projects, was updated for a more deliberate and coordinated approach to help address gaps in service. The evaluation criteria were designed to address needs of these transit-dependent populations, strategic value, sustainability, stakeholder collaboration, and recommendations from existing plans and studies. A peer review was conducted with NCTCOG staff to present the proposed process, evaluation criteria, and discuss updates to the program. Information on the program was then presented to the Surface Transportation Technical Committee and the Regional Transportation Council.
6. Staff provided oversight activities for 12 subrecipients to address compliance with FTA requirements. Procurement guidance and review was provided for four subrecipients. Periodic meetings were also held to ensure compliance with programmatic requirements. NCTCOG staff provided guidance to the five subrecipients on eligible expenses and new regulations based on guidance from Coronavirus Aid, Relief, and Economic Security Act (CARES Act) legislation. Staff also provided guidance on the Transit COVID-19 Response Program. Information and assistance were provided to all applicable subrecipients in the development of transit agencies' Public Transportation

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Agency Safety Plans (PTASP) transit safety targets, both for the development of individual agencies' goals and coordination for regional safety target creation.

7. Staff monitored and administered the Regional Vanpool Program with the transit agencies through regular communication with vanpool program staff and meetings to address boundary and rider equity issues. Regional Vanpool Program activities included annual work plan completion, interlocal agreement development; program budgets coordination; invoice review and payment activities for the Dallas Area Rapid Transit (DART) Vanpool Program, and regular communication with vanpool program staff from DART, Denton County Transportation Authority (DCTA), Trinity Metro, and regional private vanpool providers. Meetings with the transit agencies focused on COVID 19-related issues/impacts and post COVID strategies, as well as establishing a more streamlined Regional Vanpool Program. At the end of FY2021, 147 total vanpools were in operation in the region.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

# NCTCOG Workforce Development Department Fiscal Year 2020 - 2021 Goals Accomplishment

## **Program: Workforce Solutions for North Central Texas**

1. **Goal:** Meet all contracted performance measures with Texas Workforce Commission.

**Funding Source:** Texas Workforce Commission (TWC)

**Attainment:** Partially Met

### **Primary Work Tasks:**

1. Provide monthly performance reports and trending updates to our Subrecipient informing them of their status on all contracted measures.<sup>1</sup>
2. Provide a collaborative decision-making environment to better integrate between the Workforce Development Board, NCTCOG Staff, and Subrecipient.<sup>1</sup>
3. Provide oversight to the Subrecipient through development of annual and ongoing risk assessments, monitoring programs to ensure regulatory compliance and providing reports regarding risk, compliance, and corrective actions to Governing Board.<sup>3(TWC)</sup>
4. Provide fiscal to fiscal meetings on a monthly basis to discuss financial targets and provide technical assistance as needed to Subrecipient.<sup>1</sup>

### **Principal Performance Measures:**

1. Meet all the contracted performance measures monitored by TWC for FY 2020-2021. These measures are subject to change by TWC within the performance-reporting year.

### **Results:**

1. Met and/or exceeded performance on all goals identified below except for the Employed Q2 Post Exit – Dislocated Worker performance measure.

TWC contracted performance measures are as follows:

- Claimant Reemployment Within 10 Weeks
- # of Employers Receiving Workforce Assistance
- Average # Children Served Per Day - Combined
- Employed/Enrolled Q2 Post Exit - C&T Participants
- Employed/Enrolled Q2-Q4 Post Exit - C&T Participants
- Credential Rate - C&T Participants
- Employed Q2 Post Exit - Adult
- Employed Q4 Post Exit - Adult
- Median Earnings Q2 Post Exit - Adult

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

- Credential Rate - Adult
- Measurable Skills Gain - Adult
- Employed Q2 Post Exit – Dislocated Worker
- Employed Q4 Post Exit – Dislocated Worker
- Median Earnings Q2 Post Exit – Dislocated Worker
- Credential Rate – Dislocated Worker
- Measurable Skills Gain – Dislocated Worker
- Employed/Enrolled Q2 Post Exit - Youth
- Employed/Enrolled Q4 Post Exit - Youth
- Median Earnings Q2 Post Exit - Youth
- Credential Rate - Youth
- Measurable Skills Gain - Youth

2. **Goal:** Meet contracted performance measures for all state and federally funded grants ending in FY21

**Funding Source:** Texas Workforce Commission (TWC) and others that may develop.

**Attainment:** Partially Met

**Primary Work Tasks:**

1. Provide subrecipients/contractors funding and/or tools necessary to implement training that is designed to assist workers in gaining skills and competencies needed to obtain or upgrade employment in high-growth industries. <sup>1,3(TWC)</sup>
2. Track performance and expenditure benchmarks. <sup>1,3(TWC)</sup>
3. Conduct on-site visits to all subrecipients/contractors and provide technical assistance to project staff, review grant applications, eligibility and participant files. On-going technical assistance will be provided to identify opportunities for improvement and best practices. <sup>1,3(TWC)</sup>

**Principal Performance Measures:**

1. Meet all awarded/contracted performance measures monitored by state and federally funded grants ending in FY21.

**Results:**

1. iWork Youth Career Exploration Event FY21:  
iWork is a hands-on career exploration and educational opportunity offered to students located in Collin, Denton, Ellis, Erath, Hood, Hunt, Johnson, Kaufman, Navarro, Palo Pinto, Parker, Rockwall, Somervell and Wise Counties. While we had to postpone the 2021 iWork event as a precaution due to COVID concerns, we planned and began to execute a great event, and will carry that forward to the next iWork. The following were accomplished:
  - The event was scheduled to take place on the Collin College Technical Campus to provide students with hands-on experiences in various career

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

areas, including health sciences, nursing, engineering technology, construction, logistics and transportation, computer networking, automotive technology, HVAC and other fields

- Invitations were extended to students, teachers, educators, out-of-school youth and parents
- Nearly 500 people registered to attend the event, representing 12 Independent School Districts and individual registrations
- 12 employers were registered to participate with interactive displays, and providing career information to participants
- Mock interview sessions were to be made available for students
- iWork Futuria: Career Loteria, our career exploration game that was created in-house, was going to be available for students to play as they learned about careers available in North Central Texas

2. 2020 Hiring Red, White and You! Virtual Job Fair Outcomes:

- Total Job Seekers Attended: 1,788
  - Veteran Job Seekers: 344
  - General Job Seekers: 1,444
- Number of Employers: 147
- Job Postings: 891
- Job Opportunities: 5,387
- Number of Resource Agencies: 9

3. Texas Rising Stars (TRS) and Child Care Quality Outcomes:

- 51 caregivers graduated from the 120-hour Child Development Associate (CDA) course.
- 41 participants were awarded an ECMI Administrator's Credential.
- 10 students, who were employed at Texas Rising Star (TRS) facilities, were awarded scholarships to take classes in early childhood education and child development at colleges or universities.
- 33 opportunities for professional development training were offered in which over 1800 individuals participated in. The trainings were in early childhood education and child development.
- 59 Early Learning Programs received licenses for Texas Child Care tools for an additional year, which provides child care programs with easy to access tools and proven strategies to help them build better, more sustainable programs.
- 45 Early Learning Programs received grants to enhance their programs with new equipment and materials specific to learning environments by providing natural playground enhancements for outdoor learning and by providing indoor gardens to promote nutrition and enhance curriculum.
- The Texas Rising Star program grew from 92 to 113 child care providers, and our Early Childhood Specialist team provided over 430 virtual and in-person mentoring sessions to Early Learning Programs throughout our region.

4. Summer Earn and Learn Program

- Number attended/completed orientation: 295
- Number attended/completed Work Readiness Training: 227

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

- Number placed in work experience: 223
- Number completed at least one week of work experience: 223
- Number completed 5 weeks of work experience: 163

3. **Goal:** Meet annual targeted performance for utilization of the Mobile Workforce Unit (MWU).

**Funding Source:** North Central Texas Workforce Board or North Central Texas Council of Governments

**Attainment:** Met

**Primary Work Tasks:**

1. Take workforce center services mobile utilizing 13 computer stations and a presentation system offered on the MWU. With satellite internet, cellular internet services, clients can search for jobs, improve their resumes and receive training wherever needed.<sup>1</sup>
2. MWU will allow services to be provided on-site to employers and communities throughout the region bringing services directly to customers in need.<sup>1</sup>
3. Publicize the MWU as a regional asset by promoting to other departments and to other local government entities (i.e. county and city health departments, health and human services, emergency management, etc.)<sup>1</sup>
4. Promote MWU utilization with colleges, community and non-profit organizations.<sup>1</sup>
5. Collaborate utilization with other Workforce Investment Boards.<sup>1</sup>

**Principal Performance Measures:**

1. The unit will be utilized in 25 events annually allowing workforce center services to be provided on-site to employers and communities.

**Results:**

1. The MWU served 35 events assisting 60 individuals July 2021 – September 2021. The MWU was not in service October 2020 through June due to COVID-19 social distancing requirements.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure