



# NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

FY 2021 – 2022 Goals Accomplishments

For more information, contact: Lisa Rascoe  
[lrascoc@nctcog.org](mailto:lrascoc@nctcog.org)



## North Central Texas Council of Governments



The following pages contain the Actual Productivity and Performance Report (NCTCOG 2021–2022 Goals Accomplishments) against the FY 2022 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 Lisa Rascoe, Compliance Manager. 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 Lisa at 817-695-9155.

R. Michael Eastland  
Executive Director

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# NCTCOG Aging Department

## Fiscal Year 2021 - 2022 Goals Accomplishments

### Aging Program

1. **Goal:** *Address food insecurity by providing nutritionally balanced meals at least 250 days per year to homebound persons aged 60 and over.*

**Attainment:** Met. The NCTAAA exceeded targets for number of home-delivered meals funded by 2.5% and number of meal consumers by 30.7%. Its actual cost per meal of \$5.54 was 6.8% below its target of \$6.00 per meal.

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

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

1. Increase the visibility of the home-delivered meal program by requiring providers to engage in program outreach, with emphasis on older persons in rural areas, older persons at greatest economic risk, older persons at greatest social risk, and older persons who are frail.<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 900,000 home-delivered meals.<sup>3</sup>
2. Serve at least 5,000 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 \$6.00 per meal.<sup>1</sup>

#### **Results:**

1. The NCTAAA funded 922,770 home-delivered meals, exceeding its target of 900,000 by 13.5%.
2. The NCTAAA's network of 12 community-based meal providers served 6,534 home-delivered meal participants, exceeding its target of 5,000 by 30.7%.
3. The NCTAAA's regional average cost per meal was \$5.59, which was 6.8% below its target rate of \$6.00.

2. **Goal:** *Rebuild participation in the congregate meal program, which has been devastated by COVID-19.*

**Funding Sources:** Texas Health and Human Services Commission Title III-B, American Rescue Act

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Attainment:** Partially Met. As the public health emergency continued throughout the entirety of Fiscal Year 2022, some senior centers remained shuttered and some reopened with fewer days of service. As a result, the NCTAAA fell short of its target for number of meals served by 21.25%. However, it exceeded its goal for number of meal participants. In addition, it met its goal of providing funding to at least three subrecipients for innovative senior center programs.

**Primary Work Tasks:**

1. Conduct competitive procurement of senior center modernization initiatives and pass-through funding that may be used to ensure centers meet Americans with Disabilities Act accessibility requirements and/or invest in innovative programming.
2. Safely reopen senior centers.
3. Increase older adults' participation in senior center activities and the congregate meal program.

**Principal Performance Measures:**

1. Award funding to at least three subrecipients for the purpose of modernizing senior centers and/or implementing innovative programs.
2. Fund at least 150,000 congregate meals.
3. Serve at least 1,800 congregate meal participants.

**Results:**

1. The NCTAAA awarded funding for senior center operations to Senior Connect, Erath County Senior Citizens Services, Inc., and Somervell County Committee on Aging for the purpose of implementing innovative programs.
2. The NCTAAA, through its network of 11 community-based providers, funded 118,131 meals, falling short of its target of 150,000 meals by 21.25%. The region's senior centers started to reopen during Fiscal Year 2022, but on a gradual basis—and in some cases with lesser frequency. Most centers that reopened were unable to return to pre-COVID attendance levels as older adults continued to limit involvement in group activities.
3. NCTAAA congregate meal providers served 2,152 participants, exceeding the performance target of 1,800 by 19.6%.

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

**Attainment:** Partially Met. The NCTAAA utilized stimulus-related funding to expand the demand response transportation program and provide older adults greater access to vital community services. It exceeded its goals for one-way trips and riders by more than 25%. The NCTAAA's average cost per trip was 2.3% above projections.

**Funding Source:** Texas Health and Human Services Commission Title III-B, United Way of Tarrant County

<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. Administer a pilot program to provide transportation through volunteers.
4. Ensure that transportation services are cost-effective.<sup>1</sup>

**Principal Performance Measures:**

1. Fund at least 35,000 one-way trips.<sup>3</sup>
2. Serve at least 800 consumers through the transportation program.
3. Negotiate transportation unit rates that do not exceed a regional average of \$19.00.<sup>1</sup>

**Results:**

1. The NCTAAA, through its network of 10 transportation providers, funded 49,516 trips, exceeding the performance target of 35,000 by 41.4%.
2. The transportation program assisted 1,003 older riders, exceeding the performance goal of 800 by 25.4%.
3. The average transportation unit rate was \$19.43, exceeding its target rate of \$19.00 by 2.3%. It utilized stimulus-related funding to expand its transportation program and purchase additional trips. The transportation subrecipient who overproduced the most had one of the highest unit rates.

4. **Goal:** *Provide in-home services in the form of homemaker or personal assistance to older persons who have functional impairment.*

**Attainment:** Partially Met. The NCTAAA exceeded its target by 41% for number of persons who received homemaker services. However, it did not meet its targets for implementation of two pilot programs—an intensive program for individuals leaving rehabilitation facilities and a program that targets people with dementia who live alone. As the public health emergency continued, the NCTAAA was affected by severe staffing shortages among its in-home service providers that resulted in clients being declined and receiving lesser hours of care than authorized. In addition, the Agency encountered delays in implementation of its grant-funded Dementia Friendly initiative that constrained its ability to serve people with dementia who live alone.

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

**Primary Work Tasks:**

1. Implement screening criteria so that service priority is given to older persons who have experienced a decline in function and have limited or no family support.<sup>1</sup>
2. Secure a comprehensive network of homemaker and personal assistance contractors, to assist older consumers in all counties who are recovering from an injury or illness.<sup>1</sup>
3. Implement a pilot program to provide intensive in-home services to older adults who are being discharged from rehabilitation facilities.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

4. Implement a pilot program to provide intensive in-home services to persons with dementia who live alone and require assistance with their activities of daily living.

**Principal Performance Measures:**

1. Provide in-home services to at least 100 older persons through the homemaker and personal assistance programs.<sup>1</sup>
2. Provide intensive in-home services (defined as at least 20 hours per week) to at least 20 older persons who are being discharged from rehabilitation facilities.<sup>1</sup>
3. Provide intensive in-home services to at least 20 persons with dementia who live alone.

**Results:**

1. The NCTAAA provided in-home services to 141 consumers, surpassing its target by 41%.
2. The NCTAAA was unable to implement its intensive in-home program as its contracted providers struggled with short staffing that resulted in consumers being declined service and/or receiving fewer hours than the program authorized. During the year, the NCTAAA worked with the procurement team to bring on additional providers and increase reimbursement rates to support providers' recruitment and retention.
3. The NCTAAA had to delay implementation of its Dementia Friendly in-home services program. It received a special grant from the Administration for Community Living to support this project, but it was not given authorization to start providing direct services under the grant until September 1, 2022.

5. **Goal:** *Promote consumer-directed care by offering homemaker vouchers as an alternative to agency-arranged homemaker services.*

**Attainment:** Met. The NCTAAA allowed homemaker consumers to choose their own providers. Those who exercised the consumer-directed option engaged homemaker providers who were 38.9% less expensive than agencies under contract with the NCTAAA.

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

**Primary Work Tasks:**

1. Administer a homemaker voucher program through which consumers can select their own providers, negotiate pay, determine tasks to be performed, and set their own work schedules.<sup>1</sup>
2. Provide all homemaker consumers the option of receiving services through an agency-managed or self-directed model.<sup>1</sup>

**Principal Performance Measures:**

1. Serve at least 20% of homemaker consumers through consumer-directed voucher services.<sup>1</sup>
2. Obtain cost-savings through vouchered services, as evidenced by a homemaker voucher unit rate that's at least 25% lower than the agency-managed homemaker. <sup>1</sup>

**Results:**

Of all NCTAAA consumers who received homemaker services, 28.7% opted for vouchered services, by which they chose their own providers.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

1. The unit rate for homemaker vouchers was \$13.53/unit (i.e., hour), which was 38.9% less than the unit rate of \$22.14 for agency-managed homemaker services.

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.*

**Attainment:** Partially Met. The NCTAAA exceeded its targets relative to number of persons served, arranging short-term services for 860 older adults and family caregivers. However, it established a more specific target for providing services to people with dementia who live alone (i.e., 30) and served only 26. Its cost per consumer was 4.8% below its target rate.

**Funding Source:** Texas Health and Human Services Commission Title III-B, Administration for Community Living

**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 are frail.<sup>1</sup>
2. Develop “dementia friendly” screening criteria that give service priority to people with dementia who live alone.
3. 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’ Regional Local Services, Texas Health and Human Services Commission, United Way organizations, and local emergency financial assistance providers).<sup>1</sup>
4. Expand the types of purchased services that may be authorized through the care coordination and/or caregiver support coordination programs to add dental and vision benefits.

**Principal Performance Measures:**

1. Assist at least 750 persons through the care coordination and caregiver support coordination programs.<sup>1</sup>
2. Assist at least 30 persons with dementia who live alone and/or live with others who are not caregivers.
3. Manage program costs by ensuring that the average cost does not exceed \$750 per consumer.<sup>1</sup>

**Results:**

1. The NCTAAA served 460 individuals through its care coordination program and 400 individuals for the caregiver support coordination program, for a total of 860 served. This exceeded the target of 750 individuals served by 14.3%.
2. Through the care coordination program, the NCTAAA served 26 persons with significant cognitive impairment who lived alone. In doing so it attained 86.7% of its target. The program was awarded a federal grant to target persons with dementia who live alone, but it remained in the planning phase until the last month of the fiscal year.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



3. The average cost per care coordination consumer was \$582.22, and the average cost per caregiver support coordination consumer was \$864.90. The two programs' average cost per person served was \$713.70.

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.*

**Attainment:** Partially Met. The Long-Term Care Ombudsman Program achieved only 75% of its goal of having 40 certified volunteers. The continuing public health emergency made it difficult to recruit volunteers to serve in nursing facilities—the original epicenters of the pandemic—and to retain volunteers, most of whom are in high-risk categories because of their age. The program met its goal relative to resolving at least 80% of residents' complaints, after adjusting for complaints filed but later rescinded.

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

**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>

**Principal Performance Measures:**

1. Train and provide technical assistance to at least 40 active certified volunteer ombudsmen.<sup>3</sup>
2. Resolve at least 80% of residents' complaints to the complainants' satisfaction.<sup>3</sup>

**Results:**

1. The NCTAAA experienced significant attrition among its volunteers during the public health emergence. It ended the year with only 30 certified volunteer ombudsmen, achieving 75% of its target (i.e., 40 volunteers).
2. Of the 676 complaints received from residents of nursing facilities and assisted living facilities and closed by staff or volunteer ombudsmen during Fiscal Year 2022, 98 were withdrawn. Of the 578 remaining, 474 (82%) were successfully resolved and 104 (18%) were not resolved.

8. **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.*

**Attainment:** Met. NCTAAA staff and volunteer ombudsmen made 1,089 visits to assisted living facilities, ensuring residents' access to advocacy regarding quality of care or quality of life issues.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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

**Primary Work Tasks:**

1. Encourage both staff and volunteer ombudsmen to visit assisted living facilities on a regular basis.<sup>3</sup>

**Principal Performance Measures:**

1. Drawing on the efforts of both volunteer and staff ombudsmen, make at least 1,000 visits to assisted living facilities.<sup>3</sup>

**Results:**

1. NCTAAA certified staff and volunteer ombudsmen made 1,089 visits to assisted living facilities, exceeding the program's goal of 1,000 visits by 8.9%.
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.*

**Attainment:** Met. Despite significant challenges in volunteer recruitment, the NCTAAA exceeded its goal of adding 20 new volunteers by nine.

**Funding Source:** Title III-B

**Primary Work Tasks:**

1. Increase volunteer engagement in the Aging Program's long-term care ombudsman, benefits counseling, Senior Medicare Patrol, and preventive health services.

**Principal Performance Measure:**

1. Add at least 20 volunteers during Fiscal Year 2020 to support the NCTAAA ombudsman, benefits counseling, Senior Medicare Patrol or chronic disease/fall prevention services.

**Results:**

1. During Fiscal Year 2023, the NCTAAA added six volunteer ombudsmen, five volunteer benefits counselors/Senior Medicare Patrol educators, and 18 chronic disease/fall prevention lay leaders, for a total of 29 new volunteers.
10. **Goal:** *Provide respite services through which persons with limited incomes who care for older persons may purchase temporary in-home or institutional support services.*

**Attainment:** Met. NCTAAA staff case managers provided caregivers in need of respite an option between receiving services from an agency contractor or a provider of their choice. Those who selected their own providers purchased services that were 37.6% less expensive than contractors'.

**Funding Source:** Texas Health and Human Services Commission Title III-E

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Primary Work Tasks:**

1. Give consumers the option of arranging services through self-managed respite vouchers or agency-managed respite services.<sup>1</sup>
2. Control program costs so the cost of self-directed respite voucher services does not exceed the cost of agency-managed respite services.<sup>1</sup>

**Principal Performance Measure:**

1. Ensure that the self-directed respite voucher unit rate is at least 15% lower than the agency-managed respite unit rate.<sup>1</sup>

**Results:**

1. The self-directed respite voucher unit rate was \$11.87, which was 37.6% less expensive than the agency-managed respite unit rate of \$19.02.

- 11. Goal:** *Assist nursing home residents who are funded by Medicaid and/or Medicare in relocating to less restrictive settings.*

**Attainment:** Partially Met. The NCTAAA attained 89.5% of its goal of assisting 400 nursing home residents in returning to independent living. Of long-term residents who relocated, only 2.9% had to return to an institutional setting within 90 days of transition.

**Funding Source:** Anthem/Amerigroup, Cigna HealthSpring, Molina Healthcare Texas, United Healthcare, and State General Revenue

**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 consumers who successfully relocate for at least 90 days post-relocation.<sup>3</sup>

**Principal Performance Measures:**

1. Assist at least 400 nursing home residents in returning to the community.
2. Ensure that at least 90% of persons relocated remain in the community for at least 90 days.

**Results:**

1. NCTAAA staff and contract relocation specialists assisted 275 long-term residents in returning to the community. Its options counselor assisted 83 short-term residents in returning to the community. In sum, NCTAAA staff and contractors helped 358 residents return to independent living, falling short of its target by 10.5%. The pandemic created tremendous challenges in terms of staffing for home health agencies, which limited availability of in-home services. Further, relocation specialists had tremendous difficulty finding landlords who would accept housing vouchers for long-term residents seeking independent housing in light of a tight housing market.
2. Of those long-term residents who returned to independent living through the relocation program, 97.1% remained in the community for at least 90 days post-relocation.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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

**Attainment:** Not Met. The NCTAAA attained 83.6% of its target, engaging 209 older adults in Stanford University's Chronic Disease Self-Management, Stanford Diabetes Self-Management, Chronic Pain Self-Management Program, and/or University of Maine's A Matter of Balance program. It was limited in ability to do live workshops as many senior centers (most common venues) remained shuttered.

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

**Primary Work Tasks:**

1. Conduct at least ten series of six workshops for the Stanford University's Chronic Disease Self-Management, Diabetes Self-Management, and/or Chronic Pain Self-Management Programs.<sup>1</sup>
2. Conduct at least 20 series of eight workshops for the A Matter of Balance program.<sup>1</sup>

**Principal Performance Measures:**

1. Train at least 250 older adults in Stanford University's Chronic Disease Self-Management, Stanford Diabetes Self-Management, Chronic Pain Self-Management Program, and/or University of Maine's A Matter of Balance program. <sup>1</sup>

**Results:**

1. The NCTAAA's existing health workshops—Stanford University's Chronic Disease Self-Management, Stanford Diabetes Self-Management, Chronic Pain Self-Management Program, and/or University of Maine's A Matter of Balance program—reached only 209 older adults, falling short of its target by 16.4%. The continuing pandemic had a pernicious effect on older adults' willingness to engage to group activities that might involve close contact.

<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 2021 - 2022 Goals Accomplishments

## 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

**Attainment:** Met

### **Primary Work Tasks:**

1. Review current policies to determine applicability for 2022 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 2022 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 2022 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.

### **Results:**

The CJPDC approved FY23 grant cycle policy revisions during their December 2021 meeting; revised policies were then approved by COG Executive Board in January 2022. Approved FY23 CJPDC Policies and Procedures submitted to PSO on January 31, 2022.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

- 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

**Attainment:** Met

**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

**Attainment:** Met

**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)

**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>).

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**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 2021 through August 2022.

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

**Attainment:** Met

**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 2022. 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 lists 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 no later than May 6, 2022. Submit application scores for Victims of Commercial Sexual Exploitation Projects no later than May 6, 2022. In addition, the COG shall notify all applicants of NCTCOG Executive Board-approved priority lists in writing within fourteen (14) calendar days of its funding recommendation decision.

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

**Attainment:** Met

**Primary Work Tasks:**

1. Submit priority lists and scores as noted above to PSO no later than May 6, 2022.<sup>3</sup> (PSO)
2. Notify all applicants of approved priority lists in writing within fourteen (14) calendar days of COG's funding recommendation decision.<sup>3</sup> (PSO)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Principle Performance Measures:**

At the completion of CJPDC scoring sessions during spring 2022, 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: Commercial Sexual Exploitation scores submitted 4-29-22; Truancy Prevention list submitted 4-29-22; Criminal Justice Program, Juvenile Justice, General Victim Assistance, and Violence Against Women Justice and Training lists submitted 5-5-22. 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

**Attainment:** Met

**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 FY23 grant cycle. 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 2021 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. A spreadsheet demonstrating CJPDC scoring participation is available should PSO request it.

- 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); Texas Grant Management Standards, 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. Staff will attend and participate in all PSO-sponsored mandatory training workshops, meetings, webinars, and conference calls; 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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



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

**Attainment:** Met

**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); Texas Grant Management Standards, 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 PSO-sponsored mandatory training workshops, meetings, webinars, and conference calls.<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 PSO-sponsored mandatory training workshops, meetings, webinars, and conference calls. 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 training, staff vacancies, technical assistance logs and Public Information Act requests 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 2021 – 2022 Goals Accomplishments

## 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, Community Development Block Grant Mitigation (CDBG-MIT) Program, and local funds.

**Attainment:** Met

### **Primary Work Tasks:**

1. Complete PDM-FY19-008 and PDM-FY19-009 HazMAP updates for Ellis, Navarro, Johnson, Somervell, and Wise County HazMAPs, submit to TDEM and FEMA for review.<sup>1,2,3,4</sup>
2. 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>
3. Finalize closeout of DR-4223-053 for the Safe Room Rebate Program.<sup>1,2,3</sup>
4. Begin closeout of PDM-FY17-001 and PDM-FY17-008.<sup>1,2,3</sup>
5. Apply for funding to update Tarrant County and Parker County HazMAPs with a CWPP.<sup>1,4</sup>
6. Apply for funding to create UTA's Hazard Mitigation Plan.<sup>1,4</sup>

### **Principal Performance Measures:**

1. Worked with TDEM on PDM-FY19 application. For planning grants awarded, secured 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.
2. Completed final data for PDM-FY19 plans, secured approval of data from each participating jurisdiction. After local approval, submitted plans to TDEM for review, made recommended changes, and sent TDEM approved plan to FEMA for review.
3. Completed FEMA HazMAP revisions for PDM19 HazMAPs and submitted to FEMA for APA status.
4. Facilitated adoption of the PDM19 HazMAPs updates by all participating jurisdictions by providing adoption information and a resolution template. Submitted completed resolutions to FEMA through TDEM for final FEMA approval.
5. Worked with CohnReznick on closeout procedure for PDM-FY17.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

6. Completed planning grant applications for UTA, Tarrant County, and Parker County.

**Results:**

1. Completed PDM-FY19-008 and PDM-FY19-009 Hazard Mitigation Plan (HMP), formerly HazMAP, updates for Ellis, Navarro, and Somervell HMPs, and submitted to TDEM and FEMA for review. Johnson and Wise County HMPs are in progress and scheduled for completion in 2023.
2. Managed FEMA revisions for PDM-FY19-008, Johnson, Somervell, and Wise County HMPs and PDM-FY19-009, Ellis and Navarro County HMPs, and secure FEMA Approval Pending Adoption (APA) status.
3. Finalized closeout of DR-4223-053 for the Safe Room Rebate Program.
4. Closed out PDM-FY17-001 and PDM-FY17-008.
5. Applied for funding through Community Wildfire Protection Plan to update Tarrant County HMP. Parker County decided to not apply for funding through NCTCOG EP.
6. Applied for funding through HMGP for funding to create UTA's HMP.

**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:** 2021 Urban Area Security Initiative (UASI) funds.

**Attainment:** (Met)

**Primary Work Tasks:**

1. Administer the 2021 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.
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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**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. Meetings were conducted with UAWG members and stakeholders as well as various working groups to keep them updated on grant rules and requirements.
4. The GY2022 UASI Investment Justifications (IJs) were written and submitted to FEMA and the OOG by the required deadlines.
5. Provided technical assistance to UASI subgrantees in the NCTCOG region.

**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:** 2020 and 2021 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 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. 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 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 all required reports in a timely fashion as required by the SHSP program.
4. 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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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

**Funding Source:** 2021 SHSP funds.

**Attainment:** Met

**Primary Work Tasks:**

1. Prepare for and facilitate REPAC meetings and ensure 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:** 2021 SHSP Grant

**Attainment:** 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 2021 SHSP/CCP Grant project implementation and management; facilitate 2022 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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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 2022; 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. 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. A CCP exercise was held on March 26, 2022, this was originally scheduled for 2020. There were approximately 200 CERT members in attendance. The 2021 SHSP/CCP Grant project was implemented and completed.
4. Regular communication between the Texas State Citizen Corps Manager resulted extra resources for NCT.
5. A CERT Program Managers course was taught in June 27-28, 2022. A Train the trainer was not taught but schedule to be taught in January 2023.

**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:** 2021 SHSP

**Attainment:** Met

**Primary Work Tasks:**

1. Add Domestic Violent Extremism section to the website, in addition to a QR code poster that will link to the website.<sup>4</sup>
2. Create a uniformed message video about Domestic Violent Extremism and how it is an integral part 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>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Principal Performance Measures:**

1. Working group committee will come up with helpful information for Domestic Violent Extremism.
2. Work with selected vendor to create 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. Domestic Violent Extremism was added to the website under mass violence section. <https://knowwhat2do.com/see-something-say-something/>
2. A new 30 second Public Service Announcement video about Domestic Violent Extremism with local Emergency Managers to encourage preparedness and awareness.
3. Guidebooks, Flyers, and posters 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:** 2021 SHSP and UASI Grants, Mitigation funds, and FY2021 local membership dues.

**Attainment:** Met

**Primary Work Tasks:**

1. Streamline processes and procedures to ensure department efficiency.<sup>1</sup>
2. Facilitate and host meetings supporting the NCTCOG region.
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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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. Implemented hybrid meeting capabilities and hosted numerous onsite, hybrid, and virtual meetings and workshops for the region.
3. The Emergency Preparedness department continues to maintain a timely response time to return emails and phone calls. Reformatted and updated EP website implemented a bi-annual newsletter and coordinated information flow amongst state and regional partners.
4. Continued use of listserv software to maintain regional email communications. Implemented new guidelines for use of listservs, updated contacts, and distributed new regional resource directory.
5. Provided training and mentoring for staff and management onsite and at professional conferences.

**Training**

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

**Funding Source:** 2020/2021 SHSP and UASI funds.

**Attainment:** Met

**Primary Work Tasks:**

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. Develop a database of regional instructors and host facilities.
4. 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 North Central TX Integrated Preparedness Plan (IPP), 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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



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. Developed a database of regional instructors and host facilities for the region.
5. 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:** 2020/2021 SHSP and UASI funds.

**Attainment:** Partially met

**Primary Work Tasks:**

1. Coordinate and facilitate planning initiatives relevant to the North Central Texas IPP 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>

**Principal Performance Measures:**

1. Successful design, development, and execution of regional IPP 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. No exercises were conducted due to staffing unavailability and funding.
2. Provided HSEEP training in March 2022 for exercise planning teams.
3. Assisted in coordination and execution of regional workshops and tabletop exercises.
4. Provided local EP members with technical assistance in exercise design, conduct, and evaluation upon request.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

## **Interoperability**

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

**Funding Source:** 2020/2021 SHSP

**Attainment:** 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 Interoperability Working Group.
2. Host COMT, COML, and other Interop courses in North Central Texas as needed; or, as funding is available.
3. Participate in SCIP Executive Council conference calls and meetings.
4. Successfully complete SHSP projects within grant performance periods.

### **Results:**

1. Quarterly interop meetings were conducted.
2. Interop training classes were conducted.
3. COG staff participated in SCIP Executive Council conference calls and meetings that were conducted.

## **Collaborative Adaptive Sensing of the Atmosphere (CASA Wx)**

**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>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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 with CASA WX leadership were conducted.
2. Public sector support through membership was continued 2020-2021; private sector support continues; however, this is ongoing and will be a major focus into the next year.
3. Five radars were maintained; 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.

<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 2021 - 2022 Goals Accomplishments

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)
5. Administer an Organic Waste Technical Study that will include a gap analysis of the organic waste processing facilities in the North Central Texas region and assess siting and other challenges related to establishing more processing facilities.<sup>3</sup> (TCEQ)
6. Assist the Policy Advisory Group (PAG) for Western Region Solid Waste Capacity with developing into a group that functions independent of NCTCOG.<sup>3</sup> (TCEQ)

### **Principal Performance Measures:**

1. Support and host at least two RCC meetings. 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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

2. Respond to CLI requests for information and technical assistance; produce digital copies of all paper landfill reports, as requested.
3. Conduct stakeholder meetings 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.
4. Convene a task force to prepare a scope of work for the technical study and then undergo a regional study process to determine the gaps in organic waste processing facilities and siting challenges that may present obstacles for establishing more processing facilities.
5. Coordinate with PAG stakeholders on the development of draft by-laws and support the PAG on any other tasks as needed, such as organizing and facilitating initial meetings and assisting with outreach efforts to inform all stakeholders in the Western Region about the PAG.

**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 207,997 pageviews; promoted the Know What To Throw Campaign through social media each month; updated the Regional Solid Waste Management Plan with assistance from the contractor and stakeholders; and facilitated the development of the Western Region Solid Waste Capacity Policy Advisory Group, which is examining cooperative approaches, programs, and/or infrastructure for addressing landfill disposal capacity, by assisting with the creation of by-laws and hosting and coordinating four meetings.
  3. Responded to 26 inquiries into the status of the Closed Landfill Inventory sites within ten days of data request.
  4. Completed the EPA-funded North Texas Organic Waste to Fuel Feasibility Study in partnership with the University of Texas at Arlington; hosted four Project Advisory Group workshops to gain feedback on organic waste diversion and renewable natural gas (RNG) goals in the region; and completed the associated regional study.
  5. Convened a task force of regional solid waste experts and stakeholders to develop a scope of work for the Organic Waste Technical Study; issued an RFP and selected a contractor to complete work on the technical study and associated gap analysis; began developing a stakeholder list for inclusion in a Project Advisory Group to review technical study progress.
  6. Drafted by-laws with input from PAG members who finalized and approved them at the PAG meeting on March 30, 2022; organized and facilitated three PAG meetings; assisted with outreach through email and phone calls to increase membership, which currently stands at 18 voting members, and four non-voting members; organized the roster and structure of the PAG and provided them to the PAG officers.
- 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

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**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. Develop and post resources for current grantees to website and provide technical assistance as needed.

**Results:**

1. Performed the call for projects, scored 30 solid waste grant applications with assistance from the RCC Grant Selection Subcommittee, awarded 18 grants to 16 separate entities through ILAs, and provided oversight to grant projects.
  2. 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 three Recycle Roundtable meetings; made two presentations to partner associations; hosted a regional scrap tire stakeholder meeting; and attended 12 association meetings and conferences to increase knowledge of current solid waste activities.
2. Received and logged 590 illegal dump site reports from ReportDFWDumping.org and the hotline and forwarded these reports to the appropriate city or county authorities for cleanup

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

action. The TimetoRecycle.com website had 196,206 pageviews and the ReportDFWDumping.org website had 10,481 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 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 (TSI) 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> (FEMA, TWDB, RTC, TDC, STBG)

### **Principal Performance Measures:**

1. Host meetings of COMMON VISION Program committees and carry out approved annual work program, including supporting local initiatives to procure flood detection equipment or services.
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 Harriet Creek, Waxahachie Creek, and Catherine Branch; initiate flood studies and mapping for Hog Branch and the East Fork Trinity; continue an Upper West Fork Trinity Discovery project; and continue activities to develop and carry out CTP Business Plan in cooperation with FEMA and the TWDB.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

3. Host periodic floodplain and watershed management related education and outreach. Conduct Community Health and Resource Management (CHARM) workshops.
4. For TSI, 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.

**Results:**

1. Hosted one Trinity River Common Vision Steering Committee meeting and four 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 21 CDC applications received this year.
  2. Completed the FY2019 Harriet Creek and Waxahachie Creek flood risk identification studies; continued progress on the FY2020 Catherine Branch flood risk identification study; initiated the FY2021 East Fork and Hog Branch studies and Upper West Fork Discovery; and produced and submitted the FY2022 Business Plan resulting in funding of Program Management. Continued overseeing promotion and community adoption of the OneRain regional early flood warning software.
  3. Hosted the L-273 four-day floodplain management course in partnership with FEMA and TWDB; hosted one CRS Users Group virtual workshop, conducted one community CHARM workshop.
  4. Signed a contract with the Texas Water Development Board for \$3 million in funding to support the Transportation and Stormwater Infrastructure (TSI) project, which included \$3M match from the Surface Transportation Block Grant (STBG) funds from the Regional Transportation Council. Conducted four project kick-of meetings with TSI communities and met monthly with project partners. Prepared interlocal agreements with 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 (RSWMCC))
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)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



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)
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 Meeting, and TMDL Technical Subcommittee meetings as needed.
2. Host quarterly Regional Stormwater Management and Public Education Task Force meetings, three Pollution Prevention Task Force meetings, and triannual Illicit Discharge Detection and Elimination Roundtable 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 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, host advisory group meetings, develop toolkits, and update the Trash Free Texas website with Adopt-a-Spot locations to reduce aquatic debris.

**Results:**

1. Hosted four WRC Meetings, one TMDL Coordination Committee Meeting, five 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, three Pollution Prevention Task Force (P2) meetings, four Public Education Task Force (PETF) meetings, three Illicit Discharge Detection and Elimination Task Force (IDDE) meetings; created Social Media Templates and/or Toolkits for regional Stormwater Public Education Task Force programs (Texas SmartScape, Doo the Right Thing); held the March is Texas SmartScape Month campaign; maintained the TxSmartScape.com website; 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 in Fall of 2021; held a second North Texas Community Cleanup Challenge in Spring of 2022; maintained the CommunityCleanupChallenge.com website; began the development of Texas Essential Knowledge and Skills (TEKS) aligned stormwater education videos for elementary students; facilitated the Basic Dry Weather Screening Workshop & Industrial Inspector Workshop; submitted the Regional Wet Weather Characterization Annual Report; conducted one Stormwater Monitoring meeting; and facilitated completion of the Stormwater Monitoring Final Summary Report and Best Management Practice Analysis and Evaluation Plan (BANEP) Final Report.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

3. Hosted four meetings of the WATER committee, hosted one Virtual Grease Interceptor Inspection Training and Roundtable; facilitated outreach to the general public via Twitter, Facebook, and Instagram (paid and unpaid promotional activities) and created three educational explainer videos related to Defend Your Drains North Texas; coordinated and promoted the Holiday Grease Roundup with 41 participants and 8,500 gallons of grease/cooking oil collected; maintained the DefendYourDrainsNorthTexas.com website. The DefendYourDrainsNorthTexas.com website had a total of 19,502 pageviews, and the associated social media pages had a combined total of 14,800 impressions.
4. NCTCOG produced a draft 2022 Water Quality Management Plan (WQMP) that was made available for a 30-day public review period on May 27, 2022. The draft 2022 WQMP was recommended for endorsement by the WRC on July 13, 2022, and then was formally endorsed by the NCTCOG Executive Board on August 25, 2022. NCTCOG submitted the final 2022 WQMP to the Texas Commission on Environmental Quality (TCEQ) on August 30, 2022, and TCEQ approved it on September 7, 2022. The 2022 WQMP includes an annual update of watershed protection plan (WPP) activities in the region, among other updates. NCTCOG attended two WPP meetings: The Rowlett Creek WPP meetings on January 26, 2022, and May 25, 2022. NCTCOG also emailed notices of WPP meetings to our relevant distribution lists.
5. NCTCOG continued to add resources to the [Water for North Texas Online Library and](#) provided on-site sewage facility data and other information as requested by WPP stakeholders; NCTCOG hosted four water quality related workshops/webinars: 1) Ecosystem Management Topics at the Urban/Rural Interface (November 29, 2021 with 52 attendees); 2) What Water Planners in Texas Need to Know About Climate (And I Wish I Could Tell You) (February 23, 2022 with 132 attendees); 3) LCRR 101 (Lead and Copper Rule Revisions) and Ideas on How Water Systems Can Start Preparing (May 25, 2022 with 100 attendees); 4) Understanding WOTUS (Waters of the United States) and Anticipating What's Next (August 29, 2022 with 187 attendees).
6. NCTCOG held one project related webinar (Trash Free Texas Webinar: Making the Most of New Resources for Reducing Litter with 83 attendees); maintained a NCTCOG Trash Free Waters project website; created four newsletters [www.nctcog.org/trashfreewaters](http://www.nctcog.org/trashfreewaters)); hosted two meetings of the Recreation and Litter Cleanup Advisory Group; gave two presentations and discussed the project with Texas COGs at meetings of the Texas Association of Regional Councils on February 9 and 10, 2022; presented on the project at ten other meetings of either NCTCOG committees or project stakeholders; continued research and documentation of existing resources and tools for restaurants; developed outlines for two toolkits: one for restaurants and one for communities for implementing single-use plastic reduction measures at restaurants; promoted the Texas Litter Database at presentations and through newsletters; presented an overview on the project at the Keep Texas Beautiful Conference on June 29, 2022, to help amplify the project reach; drafted and/or facilitated the creation of three toolkits that are now posted on the Trash Free Texas website (Recreational Litter Cleanup Toolkit, the Local Government and Trash Reduction Toolkit, and the Community Cleanup Challenge Toolkit); posted regularly to Trash Free Texas social media accounts about the project; overhauled the "Partners" page of the Trash Free Texas website, which included consolidating and adding resources; and assisted project partners with adding 340 Adopt-a-Spot locations from 12 entities to the Trash Free Texas map.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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, RTC Local)
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, RTC Local)

**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; host quarterly meetings of the Trinity River National Water Trail Task Force; 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 three meetings of the Trinity River National Water Trail Task Force, a regional initiative to promote recreation along the Trinity River Paddling Trail and maintain its designation as a National Parks Service trail. Completed a data update to the Economic & Environmental Benefits of Stewardship tool. Encouraged TSI project partners to utilize the Economic & Environmental Benefits of Stewardship, the Permittee Responsible Mitigation Database website tools, and the Regional Ecosystem Framework website as part of our advance planning for the large area TSI watershed project efforts.
2. 249 events from 32 member communities and organizations were posted to the Texas SmartScape website events page, and the website had a total of 531,564 pageviews. The Texas SmartScape social media pages had a total of 66,542 impressions and 2,135 engagements/interactions.
3. Conducted four iSWM subcommittee meetings; hosted one Design, Construction, Inspection, and Maintenance of Permeable Pavement workshop, which was also posted

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

to the iSWM training library; updated iSWM website with new program documents from the iSWM subcommittee; and updated the iSWM Criteria Manual and the iSWM Tiered Measurement Form regarding water quality requirements based on recommendations from the subcommittee.

## **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)
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.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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; 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 four meetings of the RCCC; hosted four Codes Advisory Board meetings; published the results of the annual Building Codes survey at <https://www.nctcog.org/envir/regional-building-codes/code-adoption-surveys>; produced a Solar Ready Opinion Statement and posted it at <https://www.nctcog.org/envir/regional-building-codes/tools-and-resources>; hosted two training sessions on the International Energy Conservation Code - Changes and Certification Preparation; hosted four trainings on the Adoption and Installation of Solar Arrays; and encouraged adoption of the ICC Regional Amendments through correspondence with building officials.
2. Hosted four Public Works Council meetings, two Sustainable Public Rights-of-Way Subcommittee (SPROW) meetings, four iSWM Implementation Subcommittee meetings, and four Standard Drawings Subcommittee meetings. Hosted the 23<sup>rd</sup> Annual Public Works Roundup in-person for 185 attendees. In accordance with the Texas Community Development Block Grant (TxCDBG) Program through the Texas Department of Agriculture, disseminated information on the U.S. Department of Housing and Urban Development's Opportunity Portal and Business registry; conducted a Public Meeting with five attendees to select the recommended priority project types identified through a survey; provided information on available grants and population data to non-entitlement communities; and promoted the positive impact TxCDBG-funded grant projects have had in North Central Texas.
3. Hosted four Regional Integration of Sustainability Efforts (RISE) Coalition meetings; hosted a Regional Sustainability Virtual Survey; updated the RISE Coalition website; Hosted two educational webinars through the Development Excellence program: Urban

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Forests & Heat Island Mitigation (in partnership with RISE), and Public Art; posted three case studies to the Development Excellence Website; and provided three Vision North Texas Lego training events.

4. Produced water/wastewater energy nexus Fact Sheet; hosted two educational webinars titled “CELC and North Central Texas Council of Governments Roundtable - The Intersection of Building Codes on Renewable Energy” and “Applying for Federal Funding 101”; attended four outreach events. Drafted the whitepaper: “Integration of Energy Resilience into Hazard Mitigation Planning”; the document “Best Management Practices for Incorporating Energy Resilience into Hazard Mitigation Planning”; and a supplemental document “Virtual Microgrid Tour: Successful Projects Across the U.S.”. Hosted one PACE in North Texas Roundtable and presented to the NCTCOG Executive Board on a proposed regional PACE program. Hosted one SolSmart Roundtable and facilitated four municipalities updating to the 2018 International Energy Conservation Code (from versions older than 2006). The Conserve North Texas website had a total of 17,565 pageviews, and the Go Solar Texas website had a total of 47,671 pageviews.
5. Presented at the Annual Public Works Roundup on the RISE Coalition. Continued collection of solid waste, water, and wastewater data for a 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 Fiscal Year 2021 - 2022 Goals Accomplishments

1. **Goal:** Conduct nine (9) basic peace officer courses during the grant period.

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor.

**Attainment:** 7 Basic Peace Officer courses were held during the grant year.

**Primary Work Tasks:**

Conduct nine (9) basic peace officer courses during the year for area agencies to meet their staffing needs.<sup>1,3</sup> (2021/2022) Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

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

**Results:**

The Regional Police Academy conducted seven (7) basic peace officer courses during the grant year.

2. **Goal:** In conjunction with area agencies, place 170 recruit officers in the nine basic peace officer courses.

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor

**Attainment: Met and Exceeded.** 173 recruit officers attended the seven (7) Basic Peace Officer Courses.

**Primary Work Tasks:**

To coordinate with area agencies to allow 170 recruit officers to attend the basic peace officer course.<sup>1,3</sup> (2021/2022) Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

Coordination with area agencies allowed 170 recruit officers to be recruited and ultimately attend the academy.

**Results:**

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

3. **Goal:** Offer 90 in- service law enforcement training courses.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor

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

**Primary Work Tasks:**

The academy will offer and conduct ninety in-service law enforcement training courses.<sup>1,3</sup> (2021/2022 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

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

**Results:**

The academy was short on its projected goal of providing ninety in-service law enforcement training courses on-site for the grant year. This was due to travel restrictions for officers' agencies and many agencies conducting their own in-house training. We did however accumulate a large number of contact training hours by coordinating with agencies and reporting several conferences under our umbrella. Covid restrictions and agency funding has had an impact on in-service courses held at the academy.

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

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor.

**Attainment: Met and Exceeded:** 3,297 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:**

2,022 officers, corrections officers and telecommunicators were able to attend the in-service law enforcement training courses.

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

**Funding Source:** 2021/2023 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.** 322,972 contact hours of law enforcement training were conducted during the grant year. This number reflects in-service satellite courses and on-site courses.

**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> (2021/2022) 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 322,972 hours received.

- 6. Goal:** Project 170 recruit officers taking the Basic Peace Officer Licensing Exam.

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor.

**Attainment: Met and exceeded.** 173 recruit officers took the Basic Peace Officer Licensing Exam.

**Primary Work Tasks:**

Recruit officers must successfully complete the 696-Hour/720 hr. Basic Peace Officer Course to receive an Endorsement of Eligibility to take the State Basic Peace Officer Licensing Examination.<sup>1,3</sup> (2021/2022 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:**

During the grant year 173 recruit officers sat for the Basic Peace Officer Licensing Examination.

- 7. Goal:** Project 170 recruit officers passing the Basic Peace Officer Licensing Exam on first attempt.

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor.

**Attainment: Met and exceeded.** 173 recruit officers passed the Basic Peace Officer Exam.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Primary Work Tasks:**

Recruit officers attend the academy to undergo and complete the 696/720-Hour Basic Peace Officer Course to receive an Endorsement of Eligibility to take the State Basic Peace Officer Licensing Examination.<sup>1,3</sup> (2021/2022, 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 696/720-Hour curriculum and with a final comprehensive examination a week prior to the licensing examination.

**Results:**

173 recruit officers prepared for the Basic Peace Officer Licensing Examination with 173 recruit officers successfully passing the examination.

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

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor.

**Attainment:** eighteen classes were cancelled due to low enrollment

**Primary Work Tasks:**

Surveys of agencies and history of attendance of law enforcement courses offered allow the academy to prepare and offer to the law enforcement community courses that are mandated as well as those that can enhance an officers' professional development.<sup>1,3</sup> (2021/2022), Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

A total of twenty-four in-service on site law enforcement courses were offered to the law enforcement community of those held six made. The current economic conditions, and the pandemic restricted agencies from paying to send officers to off-site training locations.

**Results:**

A total of thirty-one 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:** 2021/2023 CJD Grant, Office of the Governor.

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

**Primary Work Tasks:**

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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> (2021/2022 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. The number of hours that are off site reported by the RPA increases the contact training hours total to add to our CJD grant statistics.

**Results:**

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

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

**Funding Source:** 2021/2023 CJD Grant, Office of the Governor.

**Attainment: Met and Exceeded.** 3,297 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 must register, attend, and complete classes for their hours to be Reported to TCOLE.

**Results:**

3,297 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:** 2021/2023 CJD Grant, Office of the Governor.

**Attainment: Met and exceeded.** 3,570 recruit and in-service officers from within the NCTCOG region attended courses

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Primary Work Tasks:**

The academy provided support for courses that allowed 3,570 recruit and in-service officers to attend training. On site courses are posted on the academy Training Calendar 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> (2021/2022 Law Enforcement Training Calendar, Texas Commission on Law Enforcement)

**Principle Performance Measures:**

All of the attending 3,570 officers registered, attended and completed the courses that allowed their hours to be reported to TCOLE to fulfill their mandate from TCOLE.

**Results:**

All the attending 3,570 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 2021 - 2022 Goals Accomplishments

## 1. **Goal:** Emergency Communications Center (ECC) Mental Health Training Track Development

NCT9-1-1 has not offered mental health training previously other than those incorporated into other, broader trainings. This series will allow participants to focus on specific mental health-related topics such as stress management, burn out, critical incident stress, etc. Staff will research mental health training best practices to identify subject matters experts and training resources. Staff will then develop a training series to host at NCT9-1-1 offices that will include tracks based on research discoveries. This series will include both existing training courses hosted at our offices and development of new training curriculum by NCT9-1-1 staff.

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

**Attainment:** Met

### **Primary Work Tasks:**

1. Research mental health training courses<sup>1</sup>
2. Develop mental health training tracks<sup>1</sup>
3. Schedule training courses and announce via training newsletter and social media<sup>1</sup>
4. Host a minimum of two training courses during the fiscal year<sup>1</sup>

### **Principal Performance Measures:**

1. Provide ECCs with education and resources to enhance mental health awareness, identify peer support systems, and improve coping mechanisms for job related stress

### **Results:**

1. Staff's research led to the identification of two mental health training courses.
2. Training courses were scheduled and announced via the training newsletter and social media platforms.
3. The Operations Team hosted two mental health training courses with the focus of awareness, peer support systems, and improving coping mechanisms for job related stress.

## 2. **Goal:** Network Operations Center (NOC)/ Security Operations Center (SOC)/ Helpdesk 24x7x165 - Planning

A NOC is a streamlined, centralized technology operations center. It is staffed by engineers and technicians who track the IT infrastructure. NOC staff would have responsibilities including (but not limited to): endpoint monitoring and management; incident identification, classification, and resolution; software installation and management; backup and storage management; patch management; threat analysis; and IT performance reporting. While NOCs focus on IT performance, a SOC focuses exclusively on security. It is staffed by analysts who monitor and evaluate activity across the program's applications, networks, websites, and other systems. NCT9-1-1 currently utilizes a helpdesk system which includes NCT9-1-1 and

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

Emergency Communications Center (ECC) staff submitting support tickets which are then addressed by Technology Specialists. These specialists are also responsible for working within the ECC, deploying new equipment, etc.

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

**Attainment:** Met

**Primary Work Tasks:**

1. Identify possible partnerships<sup>1</sup>
2. Identify how many full-time employees will be needed<sup>1</sup>
3. Identify the physical location or explore a virtual concept for housing the NOC<sup>1</sup>
4. Determine which combination of NOC/COC/Helpdesk solutions would best benefit the NCT9-1-1 program<sup>1</sup>

**Principal Performance Measures:**

1. Provide a report to Executive Management outlining key advantages, disadvantages, considerations, as well as recommendation of next steps

**Results:**

1. Staff researched other agencies with NOCs/SOCs.
2. Staff identified personnel requirements to operate a 24/7/365 NOC/SOC.
3. Staff identified the space requirements and determined NCT9-1-1 currently has the space available to accommodate a NOC/SOC. In addition, a virtual NOC/SOC is a viable option for NCT9-1-1.
4. Staff determined a recommended combination of NOC/SOC/Helpdesk solutions.

**3. Goal:** Next Generation Core Services (NGCS) Request for Proposals (RFP)

As the current solution platform ages, NCT9-1-1 must look to newer platforms to meet the needs of the public. Functionality to adapt new technologies requires NCT9-1-1 to make this transition. Also, the original board item amount limitations and procurement rules require us to go back out for procurement of NGCS at the end of the existing contract. NCT9-1-1 staff worked with consultants to create a gap analysis and is creating a base of functional standards and interface requirements to be used in the procurement process. NCT9-1-1 will then evaluate multiple solutions and models, including Software as a Service (SaaS), an independent in-house solution, or a hybrid of both SaaS and in-house technology and resources. External resources will be utilized during the procurement process when applicable.

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

**Attainment:** Met

**Primary Work Tasks:**

1. Use gathered knowledge to issue an RFP for NGCS<sup>1</sup>
2. Evaluate and select the best solution to meet the region's needs and requirements<sup>1</sup>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

3. Execute a contract for NGCS if feasible and if funding is available<sup>1</sup>

**Principal Performance Measures:**

1. Proposed solutions must meet NCT9-1-1 technical requirements
2. Sufficient funding must be available to not only implement, as well as cover ongoing annual maintenance

**Results:**

1. Staff issued a RFP for NGCS and call aggregation on September 30, 2021.
2. Four responses to the RFP were received and evaluated.
3. A contract for NGCS and call aggregation was executed on September 7, 2022.

**4. Goal: Z-axis Call Plotting- Planning**

Moving forward with NG9-1-1 technologies, a third axis (Z-axis) will complement the current (X,Y) factors to improve call plotting at elevation, or a 3-dimensional (3D) space (X,Y,Z). The Z-axis element provides additional location identification at elevation where ordinary civic addresses are strictly efficient at ground level. Objectives will be defined and vetted through collaborative efforts with government entities, private sector partners, and industry-standards bodies. Additionally, NCT9-1-1 will coordinate with the respective GIS partners to define the technical requirements and objectives required for call plotting and future needs of geospatial routing. The GIS Team will develop a plan and associated estimated timeline that will address the expected resources to build and maintain the geospatial data to plot Z-axis elements. The GIS Team will also identify the expectations of the mapping vendors and expected technology required to effectively plot Z-axis data.

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

**Attainment:** Partially Met

**Primary Work Tasks:**

1. Identify a realistic “Area of Interest” polygon in the NCT9-1-1 region to calculate square mileage<sup>1</sup>
2. Identify critical infrastructure in the NCT9-1-1 region<sup>1</sup>
3. Develop a plan to build and render 3D datasets in the dispatch map application<sup>1</sup>
4. Develop a plan to match floor plan data to 3D datasets<sup>1</sup>
5. Work with industry partners to identify correlation between the current Z-axis information and GIS features to facilitate dispatching and response<sup>1</sup>

**Principal Performance Measures:**

1. GIS staff will develop a plan for incorporating Z-axis which includes requirements, a process, and next steps

**Results:**

1. A realistic “Area of Interest” polygon was identified.
2. Staff identified critical infrastructure in the NCT9-1-1 region.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

3. Staff determined that it is more advantageous to subscribe or purchase existing 3D datasets.
4. Staff are currently working to determine the best method to match floor plan data to 3D data sets.
5. Staff continues to work with vendors to identify correlation between the current Z-axis information and GIS features to facilitate dispatching and response.

<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 2021 - 2022 Goals Accomplishments

## 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. Complete development of 2020 land use project.<sup>1</sup>
4. Develop methodology and start process of development of small area estimates of population and employment for use in demographic modeling.
5. Enhance and refine the 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. Completion of the 2020 land use layer.<sup>1</sup>
4. Progress on development of small area estimates.<sup>1</sup>
5. Update and testing of demographic forecasting model.<sup>1</sup>

### **Results:**

1. Ninety-nine percent--all but one city--provided data for use in population estimation process.
2. Five updated GIS layers were released through Open Data site.
3. The 2020 land use layer was completed.
4. An improved process for indirect estimation for small area estimates has been developed and initial work is underway. The demographic forecasts were completed and approved by the Executive Board.

## Information Services

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

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**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 technology implementation and support timelines that consider 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 SD-WAN and 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 the enterprise Isilon network storage upgrade and replacement.
  2. Completed network design, implementation, configuration, and construction for the new Weatherford Workforce Center.
  3. Completed Multifunction Printer replacements and Printer Logic upgrades.
  4. Completed Cleburne Workforce Center remodel and associated network upgrades.
  5. Completed WFC Kiosk replacements for all Workforce Centers.
  6. Completed CenterPoint Two server room HVAC redundancy upgrades and equipment replacements.
  7. Completed rollout of new camera system for Workforce IDFs and Agency supply rooms.
  8. Completed network monitoring server rebuild for enterprise infrastructure monitoring/alerting.
2. **Goal:** Provide reliable and easy to use Intranet/Internet, internal and cloud-based applications, and database environments to Agency employees and service contract customers.

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

**Attainment:** Met. Uptime requirements were exceeded. We upgraded the Workforce Laserfiche environment to v10.4 and completed LF server modifications/volume separations. We completed the upgrade of our NCTCOG.ORG website to the newest version of our content management system (CMS) platform. We migrated several external departmental websites to our modern enterprise website CMS. We completed the upgrade and migration

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

of our hosted CRM to Microsoft Dynamics 365 Online. We completed several pilot projects and new technology implementations for various Agency departments.

**Primary Work Tasks:**

1. Provide technical management, support, and maintenance for the Agency/Workforce web, database, cloud 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 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 application 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 the upgrade of our NCTCOG.ORG website to the newest version of our content management system (CMS) platform.
  2. Completed the Workforce Laserfiche environment upgrade to v10.4 and completed LF server modifications/volume separations.
  3. Completed the redesign and migration of multiple external departmental websites to the new enterprise Web Content Management Solution.
  4. Completed the upgrade and migration of our hosted CRM to Microsoft Dynamics 365 Online.
  5. Expanded SiteImprove functionality to continue to improve/facilitate ADA/WCAG compliance and reporting.
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:** Met. We continue to improve our IT/business alignment initiatives to allow RIS to better serve our customers and build strong partnerships. 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. We continued to meet with multiple customers this year to provide IT consulting, project management, and pre-project guidance.

**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>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**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. Refined and improved our standardized IT Project priority scoring system.
2. Upgraded our licensing to acquire advanced functionality and continued implementation/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.
4. Assisted Workforce and Agency departments with technical support vendor research, selection and procurement for the enterprise and Workforce Laserfiche environments.

**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>
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. Created a Website Policy designed to ensure that a standard content management and hosting process is followed Agency-wide.
2. Received no findings from the Agency’s annual audit of financial systems.
3. Drafted documentation of policies and procedures to enhance our alignment with Data Classification, Critical Asset Inventory, and Data Loss Prevention control objectives of the National Institute of Standards and Technology (NIST) and Texas Cybersecurity Frameworks.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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>

**Results:**

1. A newsletter article and online training assignments covering Data Security topics, including classification, labeling, secure collaboration, and incident reporting were 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>

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

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. Numerous 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 Virtual Desktop Infrastructure, Unified Communication as a Service, and new LAN switching infrastructure, 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

## Fiscal Year 2021 - 2022 Goals Accomplishments

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

**Funding Source:** FY2022 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. Review and integrate traffic data collected by radar side-fire devices.
3. Complete the data collection and analysis of the Limited Access Facilities Survey (formerly named Toll Road User Survey). Plan and resume the 2020 Transit Onboard Survey data collection.
4. Provide support for demographic data for the existing forecast. Conclude the local review and create the final set of demographic forecasts with horizon year of 2045. Coordinate with local governments and gather data that will be used in the new forecasting process.

### Results:

1. The DFX regional travel model was properly maintained for operation. In the TAFT regional travel model, staff expanded transit and roadway coding tools, added Environmental Justice and Facility reporting tools, and maintained the TAFT Software application, a library of RTM software application versions, and an archive system for model runs. Staff continued writing

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

model description document chapters and memos to describe component updates. Documentation was created for all reporting tools. RTM update meetings were held with internal and external users. Staff provided technical support to model users for DFX and TAFT regional travel models.

2. The traffic count website continued displaying data that was collected from several sources over the last 12 months. Transportation usage data was assembled to continue reporting the effects of the COVID-19 pandemic. Provided support to staff and stakeholders for analysis of transportation data that included traffic counts, speeds, transit ridership, among others. The traffic data collected by 1,000 radar side-fire devices was collected and summarized to estimate typical traffic patterns and validated against other sources of data.
  3. The Limited Access Facilities (LAF) survey instrument was developed. Data collection on the LAF survey was conducted, and quality checks were performed on the survey records. The consultant delivered a clean LAF Survey database and documentation of the survey procedure. A work plan, sampling plan, and training materials were developed for the Fall 2022 data collection of the 2020 Transit Onboard survey. Survey instruments for fixed transit routes and on-demand transit routes were developed. Surveyors were trained for the transit survey. Fall 2022 data collection began with the transit on-to-off survey and the onboard origin-destination survey.
  4. After conducting the local review process with local governments, the 2045 forecast was approved. Sub-county forecasts were developed. 2030 and 2045 Forecast data was also created and made available for download by the public. Documentation of the process was initiated.
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:** FY2022 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 Congestion Mitigation and Air Quality Improvement Program (CMAQ) 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)
1. 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>
2. Increase awareness of transportation and air quality programs through outreach and education campaigns.<sup>1</sup>
3. Maintain a Public Participation Plan.<sup>2, 3</sup> (FHWA, FTA, TxDOT)
4. 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)
5. 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



6. 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 in the Age of COVID-19, 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

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

electronically upon request. An online version was published in HTML and PDF formats. In addition, staff received and responded to dozens of inquiries from the media, matching reporters with subject-matter experts to assist them with their stories about transportation and air quality issues. Furthermore, staff wrote and distributed 30 press releases about a variety of projects and programs affecting the lives of residents.

2. The Transportation Department attended 11 community events in FY2022 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 through conference calls. Air quality educational materials, such as promotional items and outreach campaign elements, were produced for partners and provided for distribution at in-person events. Staff also continued implementing a Transit Pandemic Recovery Campaign in conjunction with Dallas Area Rapid Transit, Denton County Transportation Authority, and Trinity Metro to help increase transit ridership. Campaign tactics and phases were implemented, and materials to educate North Texans about transit safety protocols were promoted for use by the transit agencies and local partners. An online portal for partners was set up and promoted. Also, a new campaign creative was designed to encourage transit ridership among workers returning to the office. NCTCOG staff reviewed campaign results, including those implemented by the transit agencies, and began outreach efforts to engage the business community. NCTCOG and the three transit agencies met monthly to manage the campaign's implementation.
3. For the Air North Texas campaign, staff used paid education, 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 5,500 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 and Particulate Matter Alert messages were disseminated to interested parties. Forty-two Ozone Action Day Alerts and 29 Weekend Forecasts were distributed to subscribers. Air North Texas website traffic was monitored; the website recorded more than 14,000 users and 19,000 sessions for the fiscal year. On August 3, Air North Texas celebrated the thirteenth 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 770 North Texans made over 7,200 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. In addition, staff uploaded recordings of meetings to online platforms and the Department's YouTube channel for public viewing.
4. The Regional Transportation Council approved an amendment to the Public Participation Plan in May. The plan incorporates a Language Assistance Plan, Environmental Justice elements and Title VI considerations. The amendment updated demographics and staff activities in the Language Assistance Plan in Appendix B and clarified elements of Appendix C, which outlines the Department's Title VI Complaint Procedures in both

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English and Spanish. Staff monitored federal legislation and guidance to ensure the Public Participation Plan complied with regulations. Significant work investigating 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. Staff held 10 public input opportunities 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 12,000 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. In accordance with the Public Participation Plan, some online public input opportunities included a recorded video presentation; these were posted online 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:** Enhance safety and reduce congestion on the transportation system by improving reliability, reducing travel demand, and improving operations of the existing system.

**Funding Source:** FY2022 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, Texas Department of Transportation (TxDOT) funds, Regional Transportation Council (RTC) Local funds, other local funds, and Transportation Development Credits.

**Attainment:** Met

**Primary Work Tasks:**

1. Monitor, implement, and promote the Congestion Management Process (CMP) for the Dallas-Fort Worth Metropolitan Area, including integration with the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)
2. Coordinate and oversee committee meetings, outreach events, and educational campaigns.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)
3. Enhance the collection, analysis, and reporting of safety-related performance measures.<sup>1,2,3</sup> (FHWA, FTA, TxDOT)

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4. Participate in and implement projects/activities that reduce traffic incident clearance times and reduce crash injuries and fatalities within the region.<sup>1,2</sup> (FHWA)

**Principal Performance Measures:**

1. Coordinate tracking, evaluation, and implementation of the CMP, including projects and programs that better operate the transportation system and reduce travel demand. Monitor, track, promote, and implement Travel Demand Management and Transportation System Management and Operation projects in the region. Continue to monitor new project requests and project modifications requests and ensure consistency with the MTP.
2. Coordinate and oversee the Regional Safety Advisory Committee and the Regional Intelligent Transportation System (ITS) Task Force. Identify, coordinate, and host safety events, training, and/or groups, as needed. Continue the development of regional safety education and trip reduction campaigns.
3. 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), hazardous material spill data from the National Response Center, and regional incident management response data from local first responders. Conduct crash data analysis 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 metropolitan planning organization coordination; and set targets, monitor, and report on Federal Highway Administration Safety Performance Measures.
4. Offer Traffic Incident Management First Responder and Manager training classes and an Executive Level training course. Implement and oversee activities related to the 2020 Incident Management Equipment Purchase and 2021 Incident Management Freeway Blocking Equipment Call for Projects. Track Mobility Assistance Patrol Program performance and monitor patrol routes, route coverage, hours of operation, and efficiency of each program. Continue coordination efforts with regional Commercial Vehicle Enforcement Working Group agencies to initiate addition programs, projects, and training that improve commercial vehicle safety, as needed.

**Results:**

1. An update to the Congestion Management Process (CMP) Implementation Form was completed. Roadway capacity projects were tracked and evaluated based on the CMP Project Implementation form, including single-occupant vehicle justification. All projects being entered into the Transportation Improvement Program (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 was updated to improve the modification process and documentation. Staff continued to oversee and manage the Regional Trip Reduction and Try Parking It Programs including vendor oversight and coordination to enhance the website; involvement in employer and community outreach events; and promotion of TDM strategies to regional employers, commuters, and the public. 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 provided project oversight through the University Partnership Program for the project titled "Teleworking after COVID-19 or is it Business as Usual?"

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2. Staff hosted two Regional Intelligent Transportation System (ITS) Task Force meetings. In cooperation with partner agencies and regional ITS stakeholders, staff coordinated the prioritization criteria for the project listing in the Regional ITS Architecture Strategic Deployment Plan was coordinated. Transportation Department staff supported the Emergency Preparedness Department by attending Public Works Emergency Response Team (PWERT) meetings. Four Regional Safety Advisory Committee meetings were held. Safety staff also participated in emphasis area team meetings for the 2022-2027 Texas Strategic Highway Safety Plan and in various local Vision Zero Plan development committees and meetings being initiated by partner agencies. The Drive Aware North Texas website was completed and a branded outreach campaign focusing on speeding prevention aired on multiple streaming platforms. The website includes crash statistics for the region's most dangerous driving behaviors and tips on how to prevent them. Staff initiated the development of the new One-Day-A-Week educational campaign to promote and encourage regional employers to adopt and participate in activities that will help the region to achieve the new 20 percent SOV reduction target. Staff also coordinated and implemented a regionwide Bike Month Commuter Challenge, Try Parking It reward campaign and supported travel demand management events and commuter outreach activities sponsored by Dallas Area Rapid Transit and Trinity Metro.
3. Crash data from TxDOT's Crash Records Information Systems (CRIS) database was collected and analyzed for the 12-county region for 2017-2021. Along with National Highway Traffic Safety Administration Fatality Analysis Reporting System (FARS) data, staff used CRIS data to establish federally mandated safety performance targets at the metropolitan planning organization level. CRIS crash data was utilized to complete data requests for internal staff projects and grant proposals, and to analyze crash trends and hotspots. Staff completed several analyses included in an annual safety performance report such as contributing factor analysis for serious injury and fatal crashes on limited access facilities, impaired driving crashes, wrong way driving crashes, and crashes involving motorcycles. Crash rates were also calculated for the 12-county Metropolitan Planning Area along limited access facilities. Hazardous material incidents were tracked and reported using data available from the National Response Center. Low-cost systemic intersection improvements, including those concerning wrong way driving countermeasures, were tracked in the TxDOT Dallas and Fort Worth districts. Work on a before-and-after study of intersections included in the Intersection Safety Implementation Plan continued. Regional safety-related programs and projects were published in the annual Regional Safety Performance Report. Additional safety statistics were included in a supplemental Regional Crash Fact Sheet.
4. NCTCOG hosted six Traffic Incident Management (TIM) First Responder and Manager training classes and two TIM Executive Level classes, with a combined total attendance of 251 students. Per-class invoices and performance reports were reviewed and processed, course materials were maintained and updated, and a Request for Qualifications (RFQ) Process to recruit and onboard new TIM instructors in the Spring of 2022 was developed and completed. An online survey process was developed to collect feedback from regional partners and the 2022 TIM Self-Assessment was conducted in partnership with the Federal Highway Administration to evaluate regional performance relating to traffic incident management. Oversight activities related to the 2020 Incident Management Equipment Purchase Call for Projects (CFP) continued including agreement development/amendment/execution activities, invoice review/approval activities, and

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project monitoring. Additional oversight activities continued related to the 2021 Incident Management Freeway Blocking Equipment CFP. Staff coordinated and participated in quarterly Dallas TIM Coalition meetings with regional incident management partners to discuss major incidents which occurred and to coordinate ways to address local incident management issues. Staff also attended various regional TIM planning-related meetings and continued coordination activities for the regional Abandoned Vehicle Working Group, to address the increased frequency and timely removal of abandoned vehicles along regional highways and tollways. Regional incident management performance measures, including incident response and clearance times, were requested, and collected when available. Staff continued to monitor the use of the portable scales distributed to 15 commercial vehicle enforcement (CVE) agencies across the region. Staff also continued to oversee the regional Mobility Assistance Patrol Program (MAPP) and collected quarterly performance measures and annual struck-by information from the Dallas County and Tarrant County Sheriff's Offices, the North Texas Tollway Authority, and the private operators patrolling the North Tarrant Express and LBJ Express managed corridors. Performance measures for each patrol were evaluated and reported in the annual safety performance report. Performance measures were also used in continued coordination of route expansions for both the Dallas and Tarrant County patrols. A series of ongoing meetings with Dallas and Tarrant County officials, TxDOT staff, and others were held to discuss geographic expansions and shift extensions. Budget assistance was coordinated with the Dallas County and Tarrant County patrols as well. A request for on-board camera equipment for tracking and training was approved for the Tarrant County Patrol.

- 4. Goal:** Support access to and expansion of general aviation facilities and assist in the safe integration and use of uncrewed aircraft systems (UAS) in the region.

**Funding Source:** FY2022 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>1,2,3</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. Submit for funding for a new 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 Uncrewed 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

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**Principal Performance Measures:**

1. Host Air Transportation Technical Committee (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 Uncrewed Aircraft Systems (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 with 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 interested individuals.

**Results:**

1. 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. Monitored and tracked aviation funding provided to the region by inventorying Texas Transportation Commission funding and reporting back to ATAC. Also coordinated with the TxDOT Aviation Department and Federal Aviation Administration representatives for quarterly updates from their organizations.
2. Regional aviation goals and strategies outlined in Mobility 2045 and updated Mobility 2045 Plan – 2022 Update 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 FY2022.
3. Staff continued to review and update the current North Central Texas General Aviation and Heliport System Plan.
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 continued with career and technology education programs 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 Independent School District (ISD) UAS Workforce Steering Group, Irving ISD Aviation Advisory Board, Crowley ISD CTE Advisory Board, and the Midlothian ISD Advisory Board.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

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5. Ten Uncrewed Aircraft Systems Safety and Integration Task Force meetings were held. A total of nine Know Before You Fly Your Drone Workshops were held to educate the public on careers involving drones, drone safety, and educational programs.
5. **Goal:** Develop and implement the Transportation Improvement Program (TIP) and support and facilitate the funding and implementation of transportation projects in the Dallas-Fort Worth Metropolitan Area.

**Funding Source:** FY2022 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. 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)
2. Complete the 2023-2026 Transportation Improvement Program and submit it to TxDOT and the Federal Highway Administration for approval. <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. 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.
2. Finalize the TIP document and submit to TxDOT for approval.
3. Deploy updates and improvements to the existing TIP Modification Submission, TIP Modification Editing, Invoicing, Projects, and Reports modules; deploy new modules, including TIP Development and Funding Allocation; deploy additional Geographic Information Systems (GIS) mapping tools, and requirements gathering for development of the Obligations tracking module.
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. Over 680 modifications to the 2021-2024 TIP were completed through quarterly revision cycles, including modifications that required Federal Highway Administration or Federal Transit Administration approval.

<sup>1</sup> NCTCOG Measure

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2. Work concluded on the 2023-2026 Transportation Improvement Program. The document containing approximately 489 projects and totaling \$8.58 billion in funding was submitted to State and federal review partners for review and approval.
  3. Staff tested, verified, and deployed an updated Funding Allocation module to have a user-friendly, interactive, real-time demonstration of financial constraint of the TIP to determine the amount of allocated funds expected to be programmed in the region each year from all available sources. In addition, the team continued document requirements and needed functionality for the new TIP Development module. Fifty-two enhancements and updates were made to the Import Tool script, TIP Modification Editing, Invoicing, and Reports modules. Planning work towards new Geographic Information Systems (GIS) mapping tools, project status tracking, and obligations tracking were discussed.
  4. Projects selected with RTR funds continue to be tracked and progress noted. County RTR 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.
- 6. Goal:** Optimize the advancement, delivery, and longevity 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, resiliency, and sustainability.

**Funding Source:** FY2022 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>1,2,3,4</sup> (FHWA, FTA, TxDOT, local agencies)

<sup>1</sup> NCTCOG Measure

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4. Continue to develop, implement, review, and refine multifaceted analytical tools, performance and hazard-based data portals, 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 activities, mitigation efforts, vulnerability alleviation, 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. Assisted the Texas Department of Transportation (TxDOT), North Texas Tollway Authority (NTTA), transit authorities, local governments, and other transportation implementing entities through partnership efforts to expedite feasibility studies, environmental review/coordination, permitting/approvals, programming, and funding for the region's high-priority freeway, toll road, managed lane, arterial, transit, and active transportation projects. With the plethora of new Federal discretionary grant opportunities via the Bipartisan Infrastructure Law (BIL), substantial work was devoted to the preparation and submittal of grant applications, administration/implementation of awarded grants, and the development/ and utilization of a multi-variant planning/decision matrix to proactively "slot" candidate projects with appropriate grant programs.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

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<sup>4</sup> Local Measure

2. Participated with the Association of Metropolitan Planning Organizations' (MPO) Technical Committee to review and provide comments for BIL rulemaking regarding mitigation guidance for greenhouse gas emissions and implementation of Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) formula and discretionary grant programs. Conducted regular meetings and additional coordination on behalf of the Statewide Resiliency Technical Work Group to collectively assist MPOs, local governments, and transportation providers with enhancing the incorporation of resiliency and risk-based planning/programming. Completed multiple inter-agency agreements and initial stakeholder meetings to formally initiate the Integrated Regional Transportation, Urban Development, and Stormwater Management (TSI) Study designed to address infrastructure and land use vulnerability/adaptability to flooding.
3. Trained staff in best practices to integrate equity-based analyses, outreach, and benefit-cost calculations among various work efforts, particularly to address relevant merit criteria for federal discretionary grant applications. Participated in quarterly coordination meetings with North Central Texas Council of Governments public involvement staff. Updated data and methodologies for the Environmental Justice Index and Transit Accessibility Improvement Tool. Identified equity-based transportation needs for disadvantaged communities as part of Metropolitan Transportation Plan development (Mobility 2045 Plan - 2022 Update).
4. Efforts to streamline and improve the department's data acquisition, management, and analysis processes continued. Planning products including maps, dashboards, analyses, reports, and other products were produced as requested by various internal project teams. Other notable efforts in FY2022 included formation of a dedicated Geographical Information System (GIS) and Data Solutions team, finalization and adoption of a departmental GIS strategic plan, development and maintenance of a departmental data inventory, participation in negotiations for a new license agreement for GIS software, analysis related to federal performance measures, project selection and other analyses for Mobility 2045 Update, ongoing general cleanup of and updates to the department's authoritative GIS datasets, building connections to authoritative datasets maintained by TxDOT and others, establishing infrastructure to better share the department's authoritative GIS datasets, and others. Additionally, data and analysis practices in online tools supporting environmental stewardship, mitigation, and resiliency outcomes were updated to address BIL formula and discretionary funding initiatives. Efforts dealing with asset performance data needs and coordination improvements with respect to National Highway System (NHS) target setting also continued, especially with bridges and off-system pavement sections.

**7. Goal:** Achieve multipollutant emissions reductions and improve air quality.

**Funding Source:** FY2022 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, matching funds in the form of Transportation Development Credits; US Environmental Protection Agency (EPA) funds; US Department of Energy (DOE) funds; Texas Commission on

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

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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; develop State Implementation Plans; conduct regional greenhouse gas emissions inventory; 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 activities that help public and private fleets transition to the cleanest available transportation technologies.<sup>2,3</sup> (EPA, DOE, FHWA, TCEQ)
3. Develop, implement, assist, and promote actions by local governments, businesses, and other community stakeholders that 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 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, Regional Transportation Council (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, TCEQ public hearing announcements, NAAQS, and other pollutants, including federal rulemaking activity. Conduct a regional greenhouse gas emissions inventory and continue work on development of a comprehensive multipollutant emissions reductions control strategy catalog toolkit.
2. Provide funding support for fleet activities that reduce emissions. Perform on-site auditing and monitoring visits of subrecipients and participating parties to ensure grant compliance. Promote use of programs available from NCTCOG and other agencies and assist with applications as needed. Administer a fleet recognition program. Hold meetings/webinars to educate fleets on the cleanest available transportation technologies. Facilitate events

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

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or other initiatives for fleets to experience technologies firsthand. Maintain and operate one department vehicle for staff use in department business.

3. Provide planning support for deployment of electric vehicle (EV) charging and other alternative fueling infrastructure. Develop recommendations for local government actions to encourage EV adoption such as building/parking standards and long-range goals. Promote adoption of RTC recommended policies that influence operations within local government jurisdictions. Host meetings/webinars related to impacts of transportation pollution on public health. Maintain websites to provide technical and policy resources to regional stakeholders.
4. Provide information about EVs, idle reduction, proper vehicle maintenance, and other consumer-appropriate clean transportation measures at local events. Host or participate in opportunities for consumers to have hands-on experience with EVs and attend car care awareness events. Engage commercial vehicle stakeholders through a collaborative program. Support low-emission mobility options for consumers such as EV rideshare, e-mobility, and coordination with TDM, transit, and Sustainable Development strategies. Support the Regional Emissions Enforcement Program by partnering with local law enforcement agencies to conduct on-road enforcement.

**Results:**

1. Work continued in the development of a Transportation Conformity analysis for the NCTCOG Metropolitan Transportation Plan, Mobility 2045: The Metropolitan Transportation Plan for North Central Texas – 2022 Update and associated Transportation Improvement Program (TIP) for North Central Texas. 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 TIP reporting and the annual CMAQ report. Staff completed and submitted the 2021 annual CMAQ report to the Texas Department of Transportation. Review was finalized to ensure CMAQ emissions reductions for federal Performance Measures targets were met for FY2022. Assistance was provided for a variety of grant applications by querying emissions factors from the MOVES model and estimating emissions benefits. Development of a regional comprehensive multipollutant emission inventory continued with the assistance of an external fellow working on a greenhouse gas (GHG) control strategy catalogue and working with local government cohorts on development of both regional and local emissions inventories. Staff continued planning for the region's ozone reclassification under two different sets of federal air quality standards, which included coordination with EPA and the TCEQ to understand upcoming requirements and development of multiple on-road emissions inventories (Dallas-Fort Worth On-Road Mobile Vehicle Miles Traveled Offset), respectively. 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 the Statewide Technical Working Group for Mobile Source Modeling. During ozone season, daily updates were made to allow public awareness regarding real-time ozone levels and trends.
2. Four Calls for Projects (CFPs) were administered to provide funding assistance for emissions-reducing projects. Across these initiatives, a total of 11 heavy-duty diesel vehicle replacements and two diesel non-road equipment replacements were awarded, and project implementation began. Implementation of projects awarded in previous fiscal years continued,

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

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including reimbursement of 21 heavy-duty vehicles and equipment replacements and monitoring site visits for 14 activities to ensure grant compliance. Fifty email blasts promoting or announcing various funding opportunities were distributed throughout the year to the “Air Quality Funding” email list, which added 125 new subscribers. Staff heavily promoted the Texas Volkswagen Environmental Mitigation Program funding, resulting in DFW 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-Fort Worth Clean Cities (DFW Clean Cities) coalition and hosted seven meetings/webinars/roundtables and a workshop to educate fleet operators on emissions-reducing technologies, alternative fuel vehicles, and related funding opportunities. Staff analyzed a local fleet inventory for grant suitability and oversaw completion of an electrification analysis for a second fleet. Sixty fleets self-reported their calendar year 2021 activities for the Clean Cities Annual Survey. Staff submitted data from these reports to the Department of Energy and leveraged the information into the fleet recognition program, scoring reports to identify top-performing fleets. Outreach and funding initiatives resulted in six additional organizations adopting the RTC Clean Fleet Policy during the fiscal year, bringing the total number of adopting entities to 90. Engagement with fleets and commercial freight stakeholders continued through the Saving Money and Reducing Truck Emissions Program by hosting a webinar, sending newsletter updates, and promoting the EPA SmartWay Transport Program and EPA Verified Technologies. A low-emissions vehicle was maintained and operated for staff use in department business.

3. NCTCOG continued to promote and facilitate adoption of Locally Enforced Idling Restrictions. Collaboration with local and state stakeholders continued to address policy-related and community readiness strategies related to reducing emissions impacts of idling vehicles. Websites related to these policies were maintained. To plan for development of EV charging infrastructure, staff participated in the Clean Cities Corridor Council to collaborate at the national level, in the Texas Department of Transportation working group for development of the Texas EV Charging Plan at the state level and held a series of meetings with local governments to discuss development of infrastructure within the region, including a session focused on building codes. Stakeholder meetings were held, and a deployment plan was completed to enable a Zero-Emission Vehicle Corridor along IH 45 with focus on heavy-duty vehicle fleets. The plan is posted at [www.nctcog.org/IH45-ZEV](http://www.nctcog.org/IH45-ZEV). Staff drafted resources on the topic of EV readiness in building codes or construction standards. Electric vehicle adoption trends continued to be monitored and staff made improvements to the registration data tools at <https://www.dfwcleancities.org/evsinnorthtexas> and <https://www.dfwcleancities.org/evsinnorthtexas>, which are heavily used by external stakeholders. Expanded content on the impacts of electric vehicles, including adoption trends and planning considerations, was incorporated into the Metropolitan Transportation Plan. Local stakeholder participation was facilitated in a national EV data collection project. A Call for Projects was developed and administered to subaward funds to public sector entities for installation of publicly accessible electric vehicle charging stations. Awards were presented to six public entities for a total of 19 charging stations. Implementation efforts began, including development of agreements, coordination of environmental clearance, and procurement and Buy America review. First responder training sessions focused on proper procedures and safety responding to electric vehicle incidents were held. Reports were submitted throughout the year as appropriate. Staff continued outreach to increase compliance with energy consumption reporting requirements established under Texas Health and Safety Code §388.005(c) and documented reports submitted by 85 local governments. Several webinars

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

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were held on energy efficiency or renewable energy topics to increase local government expertise in these topics. Staff continued to support the Regional Integration of Sustainability Efforts (RISE) Coalition and held four meetings of a 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 events throughout the region. Idle reduction best practices and consumer-related educational materials continued to be maintained on the Engine Off North Texas website. The Regional Smoking Vehicle Program and car care awareness were promoted to inform the public on how consumer behaviors impact vehicle emissions. Staff continued support to partnering with local government 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. The Electric Vehicles North Texas website was updated. The annual National Drive Electric Week event was held at the outset of the fiscal year, with an estimated 500 attendees and over 80 ride-and-drive participants.
  
8. **Goal:** Continue to assist communities in the implementation of Sustainable Development initiatives such as bicycle and pedestrian planning, transit-oriented development, land use planning, economic development, parking, and community schools and transportation.

**Funding Source:** FY2022 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, Federal Highway Administration (FHWA) funds, Federal Transit Administration (FTA) funds, Regional Toll Revenue (RTR) funds, Regional Transportation Council (RTC) Local funds, other local funds, and Transportation Development Credits.

**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,
4. Provide meeting opportunities for coordination on coordinated land use/transportation planning for cities and transit agencies.<sup>1</sup>
5. Advance strategic regional transit-oriented development (TOD) data collection and analysis, and planning assistance, as requested <sup>1</sup>
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)

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

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10. Provide training and webinar opportunities to stakeholders on Sustainable Development principles such as Bicycle and Pedestrian Safety and Accessibility, Land Use, Green Infrastructure, and Parking.<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. Initiate development of a citywide bicycle plan for the City of Irving<sup>1</sup>
13. Prepare and promote the development and adoption of Complete Streets policies by local jurisdictions in the region.<sup>1</sup>
14. Continue Regional Smart Transit Corridors and Walkable Places planning.<sup>1</sup>
15. Initiate GIS mapping, analysis, and recommendations for priority investment in pedestrian and bicycle infrastructure projects located in bicycle facility priority zones in proximity to transit stations/stops/corridors.
16. Continue development of Regional Parking Management Initiatives tools and resources.<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, 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 training courses during the year.
5. Develop regional data driven TOD planning resource products based on metrics such as demographics, land use policy, and development outcomes. Perform work related to planning technical assistance for TOD planning as needed by local governments.
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 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. Conduct base data collection, conduct community outreach, and prepare recommendations for an Irving citywide bike plan.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

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13. Continue to provide technical assistance and monitor the number of locally adopted Complete Streets policies in the region. Prepare templates and materials that encourage and support the adoption of Complete Streets policies by local jurisdictions.
14. Provide planning-level recommendations and opinions of probable cost for priority implementation sections of the regional Veloweb, community trails, and sidewalk infrastructure that close significant gaps in the network and improve access to transit stations/stops/corridors, including seven rail stations served by the DCTA A-train commuter rail. Review and identify regional walkable places and develop walkable places typology, best practices, and an interactive map. Data collection and problem identification related to jobs-housing balance in the region will be developed. Identify fiscal and economic benefits of walkable places. Develop guidance on value capture funding local best practices.
15. Complete analysis of areas with the highest demand for pedestrian and bicycle travel and develop recommendations that prioritize investment in pedestrian and bicycle infrastructure projects in those areas.
16. 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. Two infrastructure projects and one land banking project are currently underway, and staff reviewed invoices and progress reports throughout the year. Four projects -- Mesquite-Thomasson Square, Dallas-Fiji/Compton, Dallas-Lake Highlands TOD Town Center, and Dallas-Zang Triangle -- were completed. Staff continued development of metrics and data collection/analysis for an evaluation study of completed Sustainable Development funding program projects. Locally led initiatives and other sustainable development projects were tracked.
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. Public/stakeholder outreach and development of draft deliverables were completed for the Fort Worth to Dallas Regional Trail Branding project.
3. Staff provided planning assistance to the City of Balch Springs to complete a Hickory Tree Road context-sensitive design plan, including development of final recommendations and a final report. Work continued for a regional guide for developing community gardens on public land near transit stations. Contract and scoping processes were initiated for the Bottom District Neighborhood Beautification Design Guidelines project which was awarded funding through Round 3 of the Blue-Green-Grey funding initiative. Staff completed the Bachman Area Planning Study final public engagement, local government coordination, and publication of a next steps recommendations document.
4. Four quarterly meetings of the Coordinated Land Use and Transportation Planning Task Force were held in FY2022. 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 value capture funding, multi-modal zoning, trails-oriented development, and walkable district implementation.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

5. A regional TOD inventory with design guidance was created including over 238 existing TOD projects and posted online with an interactive map.
6. Staff continued to develop a Safe Routes to School regional action plan. Staff held a workshop focused on street connectivity/subdivision design for Safe Routes to School. Technical assistance was provided to cities and independent school districts regarding planned or proposed school sites and Safe Routes to School projects and coordination efforts. 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. Application materials and scoring criteria were developed for the 2022 Transportation Alternatives Call for Projects Safe Routes to School category, and applications were reviewed and scored. Staff implemented a Walk to School Day promotional effort that provided free supportive materials to 26 participating schools in the region.
7. Four quarterly meetings of the Bicycle and Pedestrian Advisory Committee were held in FY2022. 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 FHWA's Proven Safety Countermeasures, FHWA's Complete Streets Resources and Active Transportation Funding Toolkit, High Injury Networks, local "Vision Zero" planning, and updates to the Regional Pedestrian Safety Action Plan.
8. Coordination continued with Dallas Area Rapid Transit and local governments for 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 was included in the Mobility 2045 Plan - 2022 Update, with ongoing updates to be integrated into the future Mobility 2050 plan. Assisted with preparing for TxDOT's 2022 virtual public hearing for bicycle use on the State Highway System, and provided trail and bikeway master plan Geographic Information Systems files to consultants coordinating various TxDOT highway improvement planning/projects
9. Throughout 2022 bicycle and pedestrian traffic count data was collected and reported monthly, including monthly monitoring of trail usage across the region since the beginning of the COVID-19 pandemic summarized for reporting to committees and NCTCOG's Changing Mobility dashboard. In addition, staff coordinated with TxDOT to provide trail and bikeway count data in the region to be made available through the Texas Bicycle and Pedestrian Count Exchange. The annual bicycle and pedestrian count report was initiated and was in final review at the end of FY2022.
10. Coordinated with the Federal Highway Administration (FHWA) to host a workshop for Improving Bicycle Safety at the Intersection, and a Designing Pedestrian Facilities for Accessibility (DPFA) workshop for Local Government stakeholders.
11. Continued the regional safety campaign "Look Out Texans Bike-Walk-Drive Safely" via the campaign website, [www.lookouttexans.org](http://www.lookouttexans.org). Also updated the Highlighted Regional Trails of North Texas brochure and distributed to stakeholders and the public outreach events around the region. Various education and outreach materials were provided for community events and staff coordinated with regional partners to promote the safety tips. Continued promotion of pedestrian and bicycle safety tips via social media posts, as well as continued ongoing promotions of videos highlighting regionally significant trails through social media.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

12. Initiated development of a citywide bicycle plan for the City of Irving. Gathered base data, conducted stakeholder meetings and community outreach, and prepared initial bike network recommendations for review by city staff.
  13. Staff continued research and efforts to develop a regional complete street policy template and promote the adoption of complete street policies by local governments in the region.
  14. Finalized analysis of pedestrian and bicycle facilities near rail stations served by the Denton County Transportation Authority A-Train commuter rail and initiated a similar study of high frequency bus routes served by Trinity Metro. Initiated planning and development methodology to identify planning-level recommendations and opinions of probable cost for priority implementation sections of the Regional Veloweb. Staff created a map of walkable districts in North Texas based on transportation and land use design factors and provided opportunity for local government feedback through an interactive map. Continued development of a Regional Value Capture Toolbox and Guide based on local case studies, data, and value capture funding best practices. To support increase walkable implementation, the procurement of regional sidewalk data layer was coordinated with over 150 local governments to support mapping and pedestrian infrastructure needs recommendations.
  15. Developed methodology and completed analysis of areas with the highest demand for pedestrian and bicycle travel to prioritize investment in pedestrian and bicycle infrastructure projects in those areas and included the results as updates to Mobility 2045 (2022 Update).
  16. Technical assistance was initiated with the City of Dallas for a Deep Ellum district parking study to provide data based best practice recommendations on district level parking management. A Regional Parking Database project was launched with ongoing site level parking use studies underway.
9. **Goal:** Coordinate and support the planning for and deployment of emerging transportation technologies to improve the region’s transportation systems.

**Funding Source:** FY2022 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 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. Sustain and expand current efforts to implement transportation innovations across the region.
2. Continue to establish initiatives to enhance and accelerate both planning and deployment of new mobility technologies across the region.
3. Support efforts by local, regional, State, and academic institutions to explore the impacts and planning considerations of automated transportation technologies.

<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 the public on automated vehicle technology and planning considerations, and coordinate with local and State government entities on “smart city/smart transportation” initiatives. Focus on the internet as a growth area for transportation technology—this idea encompasses three important elements: (1) broadband access and equity of access; (2) virtual transportation; and (3) leveraging transportation assets to improve internet access and support vehicle-to-everything (V2X) communication systems.
2. Introduce and receive approval from the Regional Transportation Council to develop a new phase of project development within the Transportation Technology and Innovation Program.
3. Develop web-based informational resources, data-driven forecasting, and modelling tools for long-range transportation planning, as well as continue to 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 provided 32 presentations to groups and associations across Texas and the United States. Work began on 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. Work was completed on a consultant-led regional planning exercise to prepare the region for increasing roadway and vehicle automation, as well as increasing communications connectivity. Staff collaborated with local partners to develop grant proposals which were then presented to and approved by the Regional Transportation Council. 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 the North Central Texas Council of Governments 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. The Freight Vehicle Optimization Project began. This project will scale up to 500 intersections in the DFW region and improve the movement of freight vehicles through signalized intersections.
3. NCTCOG led regional assessment of situational assessment apps that utilize connected vehicle video data to provide highway operators with greater awareness of roadway conditions and operations.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

- 10. Goal:** Develop and monitor the Metropolitan Transportation Plan (MTP) for the Mobility 2045 Update and perform planning studies to evaluate and refine roadway, transit, and freight projects recommended in the MTP.

**Funding Source:** FY2022 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.

**Attainment:** Met

**Primary Work Tasks:**

1. Develop and 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 for the Plan Update.<sup>1,2,3</sup> (FHWA, TxDOT, NTTA)
2. Monitor and evaluate potential revenue available for transportation projects between the years of 2023 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 2023 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 the 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, 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, local government, and private sector 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 and maintain 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. Regular coordination meetings and other project-specific ad hoc meetings were held with transportation partners to monitor the progress of ongoing multimodal studies and

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

evaluate the effectiveness of design concept and design scope. In developing the updated plan, project recommendations were refined through more frequent meetings with transportation partners. Staff collaborated with multiple freight railroads, TxDOT, cities, and counties on regional/corridor freight studies, including, a new regional freight mobility plan, truck corridor studies, freight land use studies, 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. Federal, state, and local revenues were estimated, including the influx of funding from the new Infrastructure Investment and Jobs Act funding legislation, local bond revenue, and state revenues from Propositions 1 and 7. Findings and estimates were included in the updated Mobility plan and matched against forecasted plan expenditures to ensure a fiscally constrained plan.
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 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. Work continued for enhancing the Mobility plan's existing performance-based planning process. This included incorporation of updated data, trends, and targets for federally required performance measures into Mobility 2045 Update as required by rulemaking. The existing performance-based project selection process was enhanced with new data and metrics and continues to incorporate federal measures as applicable and appropriate. Mobility 2045 Update also includes a new performance measurement framework designed to quantify the performance of the region's transportation system relative to the goals of the plan, which means that Mobility plans are now more responsive to both local and federal goals.
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. A public-friendly GIS-based tool named Map Your Experience was enhanced 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 online tool, in addition to the schedule and major updates included in the Mobility 2045 Update, was presented to the North Central Texas Council of Governments technical committee, policy committee, and the public through public meetings. Presentations were made to local partners and the mapping tool was made available at community outreach events. Public education campaigns were developed to make the public aware of the online tool and solicit input. Findings from the tool's data were used to inform the long-range plan, the transit access plan, and other efforts, and were compiled in a report.

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

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

**Funding Source:** FY2022 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 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. Manage projects awarded Coronavirus Aid, Relief, and Economic Security (CARES) Act and American Rescue Plan (ARP) Act funds in the Dallas-Fort Worth-Arlington Urbanized Area.<sup>2</sup> (FTA)
5. 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)
6. 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)
7. Identify and implement new and revised federal transit regulations.<sup>1,2</sup> (FTA)
8. 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. Obtain reimbursements for project implementation and reports summarizing compliance per federal guidance.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure

5. 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.
6. 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.
7. Provide plans and guidance to subrecipients in response to new regulations; assist transportation providers to revise policies, procedures, and plans based on new regulations.
8. Continue to manage and oversee the Regional Vanpool Program. Coordinate with transit agencies to create and promote a more streamlined program. Present data analysis, produce maps, document origin/destination of vanpools, and track vanpool-related performance measures.

**Results:**

1. Coordinated with nine public transportation providers and three local municipalities to process 28 Fiscal Year 2022 Program of Projects ensuring TIP/STIP inclusion and approval for a combined total of approximately \$185.3 million in federal funds through Federal Transit Administration (FTA) programs.
2. Managed 28 FTA grants totaling approximately \$80 million in federal funds on behalf of eight subrecipients. Coordinated and submitted 64 quarterly progress reports, four Charter Service reports, six National Transit Database (NTD) annual reports, 48 NTD Ridership & Safety and Security reports, and 55 Transit COVID-19 Response Program reports. Closed out five Urbanized Area Formula Program grants.
3. Managed two Job Access/Reverse Commute (JA/RC) and three New Freedom grants in approximately \$1,988 in federal JA/RC funds and approximately \$94,885 in federal New Freedom funds. Closed out one JA/RC grant and one New Freedom grant.
4. Managed one Coronavirus Aid, Relief, and Economic Security Act (CARES) grant and performed administrative functions associated with all projects and monthly requests for reimbursements were processed totaling \$1,760,888 in CARES Act funds.
5. Conducted data analysis for the Access North Texas public transportation coordination plan in preparation for the Mobility 2022 Update. Public engagement and demographic data were compared to develop narratives at the county and regional level. Regional goals and corresponding county strategies were created to address the needs, gaps, and challenges identified throughout the analysis. Finally, staff worked to combine the results of the engagement, analysis, and strategy development into chapters drafted for each individual county and the NCTCOG region. Staff also completed the full draft of the document and presented it at public meetings and NCTCOG technical and policy committees. The Denton County Transit Planning Study was launched following a consultant procurement process. Activities in FY2022 included public and stakeholder engagement and technical analyses of existing conditions, needs, and the market for transit. The East Dallas, Kaufman, and Rockwall Counties (EDKR) Transit Planning Study is being completed by NCTCOG staff. The scope of work was developed, leading to initial stakeholder and public engagement to start work on tasks and deliverables for the study. Finally, the Intermodal Transportation Hubs for Colleges and Universities Study, which is

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure



developing a comprehensive guide for planning and strategic implementation of mobility hubs on campuses around the region, was launched following a consultant procurement process. In addition to public and stakeholder engagement, a Campus Mobility Trends Report and Scenario Development and Evaluation Report have been produced as part of the study.

6. Two projects evaluated in the first two rounds of the Transit Strategic Partnership Program were reviewed and recommended for funding and implementation. These projects address gaps in service for seniors and individuals with disabilities in the cities of Cedar Hill and Duncanville and incorporate recommendations from the Southern Dallas County Transit Study. Projects were approved by the NCTCOG technical and policy committees for implementation in FY2023. Initial coordination began with the Cities of Mansfield, Grapevine, Frisco, and Anna regarding implementing or expanding transit service in those areas as part of the Transit Strategic Partnership Program.
7. Informed 10 subrecipients regarding changes surrounding the Public Transportation Agency Safety Plan. Provided guidance to five subrecipients on federal regulations surrounding the following subjects: Drug and Alcohol Program, Satisfactory Continuing Control, Section 5307, Section 5310, and Transit Asset Management. Staff provided oversight activities for nine subrecipients to address compliance with FTA requirements. Procurement guidance and review was provided for five subrecipients. Periodic meetings were also held to ensure compliance with programmatic requirements.
8. Management and oversight continued for the Regional Vanpool Program. Regional Vanpool Program activities include annual work plan, interlocal agreement development, coordination of program budgets, invoice review and payment activities for the Dallas Area Rapid Transit (DART) Vanpool Program. In March 2022, DART discontinued the DART Vanpool Program when its contractor was unable to acquire the necessary vehicles to operate the program. The remaining DART vanpools were integrated into Trinity Metro's Vanpool Program. Regular communication, including monthly coordination meetings with vanpool program staff from DART, Denton County Transportation Authority (DCTA), Trinity Metro, and regional private vanpool providers continued. Meetings with the transit agencies have focused on post COVID strategies, as well as establishing a more streamlined Regional Vanpool Program. Transit agencies are reporting that as individuals are returning to work, they are seeing some vanpools return to circulation. At the end of FY2022, 240 total vanpools were in operation.

<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 2021 - 2022 Goals Accomplishment

## Workforce Solutions for North Central Texas

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

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

**Attainment:** Met (use Met, Partially met, or Not 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</sup> (TWC)
4. Provide fiscal to fiscal meetings monthly 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 2021-2022. These measures are subject to change by TWC within the performance reporting year.

### **Results:**

1. Met and/ or exceeded performance on 17 of 19 formally contracted performance measures. These measures included, but were limited to those representing customers gaining employment, gaining skills or credentials, to increased earnings.

2. **Goal:** Meet contracted performance measures for all state and federally funded grants ending in FY22.

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

### **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, 2</sup> (TWC)
2. Track performance and expenditure benchmarks.<sup>1,2</sup> (TWC)
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>1,2</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. Meet all awarded/contracted performance measures monitored by state and federally funded grants ending in FY22.

**Results:**

1. 2021 Red, White & You!

Statewide event connecting veterans and their spouses with employers resulted in:

82 Employers and 4 resource agencies participate  
435 Available positions representing 874 job opportunities  
653 career seekers participated  
138 of the career seekers were veterans, accounting for 21% of the career seekers

2. Hiring Events in FY22 connecting career seekers in our region prepare for, enter and excel in our region’s workforce. From October 2021 through September 2022, we held in-person and virtual hiring events with employers that had immediate openings.

Hiring events (including virtual) - 281  
Career seekers attended - 5,014  
Employers participated – 868  
Number of job openings – 12,321

3. Employer Apprenticeship and Skills Development Grants brought to the region

Since 2019, WSNCT has assisted in the development of six (6) registered apprenticeship programs and have contributed to the expansion of three apprenticeship programs. WSNCT has been awarded two (2) TWC ApprenticeshipTexas Expansion grants to increase the awareness and education of apprenticeship throughout the 14-county region to encourage the development of new and expansion of existing Registered Apprenticeship Programs.

Employer Partnerships for New Registered Apprenticeship Programs: Bombardier, AMR Nextfleet, SAF Holland, Fresh Pet, and Integrity Health & Education.

Employer Partnerships for Expanded Registered Apprenticeship Programs: Bombardier, Camp Fire First Texas and Velex.

Since 2019, WSNCT has brought more than \$5.5 million in Skills Development Fund grants to help train the workers across twenty different employers in varying industries, including Information Technology, Advanced Manufacturing, and Logistics. Local community colleges apply for the grants on behalf of the employers to provide customized training to their employees, both new and existing.

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

Early learning professionals graduated from the 120-hour Child Development Associate (CDA) course - 40

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

Early learning professionals were awarded an ECMI Administrator's Credential - 4

Early learning professionals, 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 - 8

34 opportunities for professional development training were offered in which over 950 individuals participated. The trainings were in early childhood education and child development.

Early Learning Programs received licenses for Texas Child Care tools for an additional year, which provides childcare programs with easy to access tools and proven strategies to help them build better, more sustainable programs - 59 67 Early Learning Programs received grants to enhance their programs with new equipment and materials specific to learning environments, natural playground enhancements for outdoor learning and indoor gardens to promote nutrition and enhance curriculum.

17 early learning professionals participated in the Early Education Apprenticeship Program of which 11 graduated in August 2022 with their Early Childhood Educator Certification.

30 Early Learning Programs received new early childhood curriculum to promote intentional instruction in key areas of child development.

The Texas Rising Star program grew from 113 certified early learning programs to 133 certified early learning programs. and our Early Childhood Specialist team provided over 4,000 hours of virtual and in-person mentoring sessions to programs throughout our region.

## 5. The iWork: Youth Career Exploration Event

iWork gives young people opportunities to interact directly with employers, have hands-on experiences and discover various career pathways. The event is open to youth, ages 16-24 and Independent School Districts within our 14-county region. The event was held on September 27, 2022, at Education Service Center Region 11. Nine (9) ISD's from the region brought students, totaling 376 students ranging from 8<sup>th</sup>-12<sup>th</sup> grade, meeting the capacity anticipated. Twenty-five (25) vendors participated, which included employers, community colleges, and resource agencies. Each interacted with students, showcasing hand-on introductions to occupations and training programs, and discussing career pathways, skills, and education. Students participated in mock interviews, an onsite career exploration game, and a keynote address from two teen sisters who created their own clothing line business.

## 6. iWork: Teacher Externships

Teacher Externships provide opportunities for teachers, counselors, and administrators to learn directly from industry partners. They gain insight regarding current workplace practices, requirements, tools, trends, skills, and opportunities to better prepare students for their future.

The iWork 2022: Teacher Externship took place in partnership with Plano ISD Education Foundation, Plano ISD (PISD) under the TWC Teacher Externship Grant Program. Twenty (20)

<sup>1</sup> NCTCOG Measure

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participating PISD teachers engaged in meaningful, hands-on activities with industries that match the scope of their curriculum to real-world application. Teachers spent several days with their assigned industry partner, gaining exposure to occupational activities, tasks, environments, and structures, and learning about the skills needed in the workplace. Upon reflection, their newfound knowledge is synthesized into a lesson plan for students to better understand the expectations of the industry of focus.

Fourteen (14) Industry Partners participated in the program. The graduation ceremony was held on July 19, where 20 teachers who completed the process and received a certificate of completion. The teachers presented what they learned, spoke about their experience their inspiration, and highlighted the learning that took place.

## 7. The Summer Earn & Learn (SEAL) program

The Summer Earn & Learn (SEAL) program offers eligible students with disabilities aged 14-22 an opportunity to test their skills in the real world. Students are placed with local employers for paid work experience opportunities to help them gain job skills, realize their potential, and build confidence.

Number attended/completed orientation: 322

Number attended/completed Work Readiness Training: 280

Number placed in work experience: 251

Number completed at least one week of work experience: 52

Number completed 5 weeks of work experience: 199

2022 marks the 5<sup>th</sup> year of Workforce Solutions for North Central Texas actively participating in the program.

<sup>1</sup> NCTCOG Measure

<sup>2</sup> Federal Measure

<sup>3</sup> State Measure

<sup>4</sup> Local Measure