



TRANSPORTATION POLICY COMMITTEE (TPC) REGULAR MEETING AGENDA

11:00 A.M., Thursday, May 11, 2023

Corpus Christi City Hall Council Chambers, 1201 Leopard Street, Corpus Christi, TX 78401

1. CALL TO ORDER AND QUORUM DETERMINATION

2. PUBLIC COMMENTS FOR ITEMS NOT ON THE AGENDA:

Opportunity for public comments for any items not on the Agenda and within the TPC's jurisdiction (except in matters related to pending litigation). Proceedings are recorded. To make a public suggestion or comment at the meeting, please fill out the printed comment card available at the meeting and submit it to Corpus Christi MPO staff 10 minutes before the meeting starts. We ask that remarks be limited to three minutes, that you identify yourself, and give your address. Those persons addressing the TPC through a translator are given twice the amount of time, or six (6) minutes to provide their comments. All Public Comments submitted shall be placed into the record of the meeting.

3. APPROVAL OF THE APRIL 6, 2023 TPC REGULAR MEETING MINUTES ☒

4. ACTION ITEMS FOR REVIEW, DISCUSSION AND POSSIBLE ACTION

A. FY 2022 Annual Listing of Obligated Projects (APL) Approved by Resolution 23-06 ☒

Action: Review, Discuss, Receive Public Comments and Possible Action to Release for One Month Public Comment Period

5. INFORMATION ITEMS FOR REVIEW, DISCUSSION AND COMMENTS

A. New Harbor Bridge and Update

B. Joint TxDOT and Corpus Christi MPO Regional Traffic Safety Task Force Meeting Recap ☒

C. Small Area Forecast Process Update: Regional Control Totals ☒

D. Corpus Christi MPO Regional Coordination Group for Federal Transportation Grants Update ☒

6. PROPOSED EXECUTIVE SESSION

EXECUTIVE SESSION: PUBLIC NOTICE is given that the Transportation Policy Committee may elect to go into an Executive Session anytime during the meeting to discuss matters listed on the Agenda, when authorized by the provisions of the Open Meetings Act, Chapter 551 of the Texas Government Code. In the event the Transportation Policy Committee elects to go into Executive Session regarding an agenda item, the section or sections of the Open Meetings Act authorizing the Executive Session will be publicly announced by the presiding officer. In accordance with the authority of the Government Code, Vernon's Texas Codes, Sections 551.071, 551.072, 551.073, 551.074, 551.076, 551.086, the Transportation Policy Committee will hold an Executive Session to consult with attorney(s) including matters related to litigation; deliberate regarding real property; prospective gift(s); personnel matters, including termination; security devices; and/or economic development negotiations and other matters that may be discussed in an Executive Session. Upon completion of the Executive Session, the Transportation Policy Committee may in an open session take such action as appropriate on items discussed in an Executive Session.

7. POSSIBLE ACTIONS TO AMEND THE EMPLOYMENT CONTRACT OF THE TRANSPORTATION PLANNING DIRECTOR
8. MEMBER AGENCY STATEMENTS FOR ITEMS OF COMMUNITY INTEREST
9. UPCOMING MEETINGS:
 - A. Joint TxDOT and MPO Regional Traffic Safety Task Force Meeting: May 10, 2023
 - B. Technical Advisory Committee Regular Meeting and Workshop: May 18, 2023
 - C. Regional Small Area Forecast Task Force Meeting: May 18, 2023
 - D. Transportation Policy Committee Regular Meeting: June 1, 2023
 - E. Regional Traffic Safety Task Force Meeting: June TBD, 2023
10. ADJOURN

✉ - Indicates attachment(s) for the agenda item.

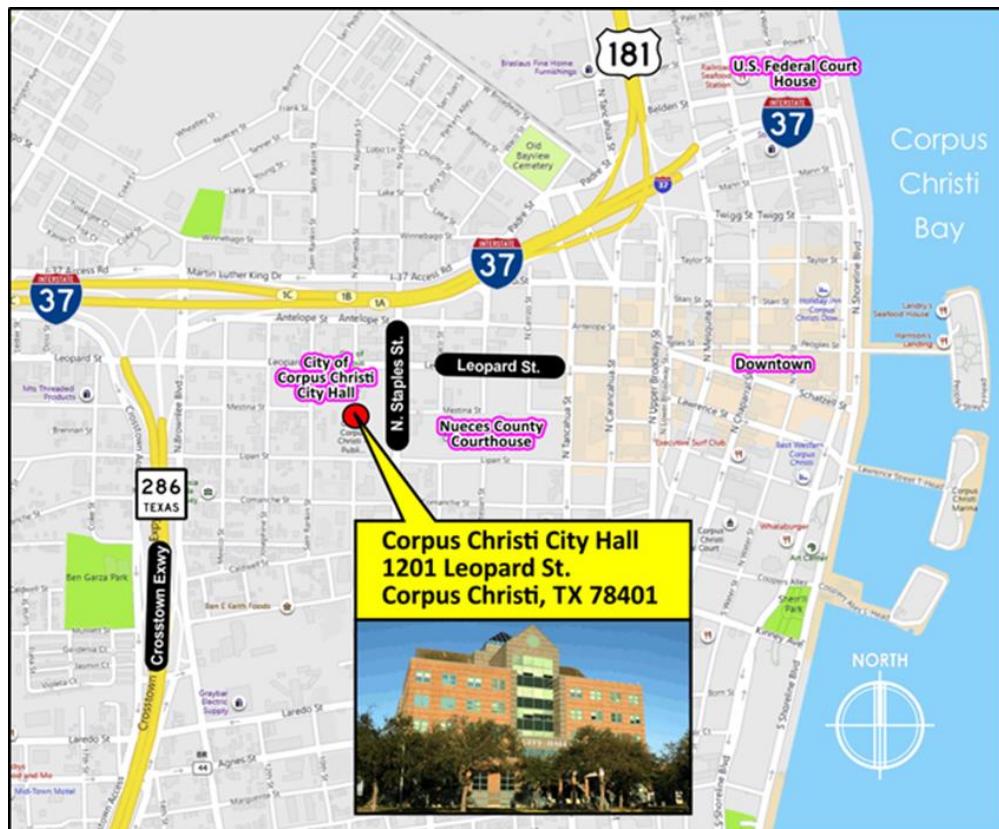
This Transportation Policy Committee meeting will be available to watch online through [LiveStream](https://www.livestream.com/cctxmpo).



Public suggestions and comments may be provided before the meeting by emailing ccmpo@cctxmpo.us, by regular mail or hand-delivery to the Corpus Christi MPO offices at 602 N. Staples St., Suite 300, Corpus Christi, TX 78401, Please limit written comments to 1,000 characters. Written comments should be provided at least 1 hour before the start of the TPC meeting.

All MPO Committee meetings are public meetings and open to the public subject to the access policies of the building owner where the meeting is being held. Any persons with disabilities who plan to attend this meeting and who may need auxiliary aids or services are requested to contact the MPO at (361) 884-0687 at least 48 hours in advance so that appropriate arrangements can be made.

MEETING LOCATION MAP



**CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION POLICY COMMITTEE (TPC) REGULAR MEETING MINUTES**

April 6, 2023

1. Call to Order, Roll Call, and Quorum Determination

TPC Chair Judge Krebs called the meeting to order at 2:00 p.m.

TPC Members Present:

Judge David Krebs, San Patricio County

Mr. Charlie Zahn, Port of Corpus Christi

Mayor Cathy Skurow, City of Portland

Mr. Valente Olivarez, Jr., P.E., TxDOT Corpus Christi District

Ms. Mary Esther-Guerra, Nueces County Assistant Attorney

MPO Staff Present: Rob MacDonald, P.E.; Craig Casper, AICP; Victor Mendieta; and Yoshiko Boulan

2. Public Comments for items not on the Agenda

None were made or offered.

3. Approval of the February 2, 2023, Transportation Policy Committee meeting minutes

Mr. Zahn made a motion to approve the February 2, 2023, TPC Meeting Minutes. Mr. Olivarez Jr. seconded; the motion passed unanimously.

4. ACTION ITEMS FOR REVIEW, DISCUSSION AND POSSIBLE ACTION

A. Adoption of 2023 Pavement and Bridge Condition (PM2) and System Performance and Freight (PM3) Performance Measures and Targets

Mr. Casper briefed on the Federal Requirements to adopt Safety (PM1), Pavement and Bridge Condition (PM2), and System Performance and Freight (PM3) for achieving the seven national goals in the transportation planning process.

The Transportation Policy Committee (TPC) adopted Safety (PM1) Performance Measures and Targets during their February TPC meeting. The other two, Pavement and Bridge Condition (PM2) and System Performance and Freight (PM3), are presented this month. PM2 is for infrastructure conditions and PM3 is for mobility performance. MPOs are required to either (1) establish their own measures and targets or (2) support and adopt the State Department of Transportation (State DOT)'s Performance Measures and Targets. Every MPO in Texas has been supporting and adopting TxDOT's Performance Measures and Targets and the Corpus Christi MPO has followed suit. TxDOT's Performance Measures and Targets for PM2 and PM3 are shown in the memo for Item 4A, with the background information.

The PM2 and PM3 Performance Measures and Targets were discussed during the March Technical Advisory Committee (TAC) and the Corpus Christi MPO staff and the TAC recommended the TPC to support and adopt the TxDOT's Performance Measures and Targets.

Mr. Olivarez explained that there are a lot of factors considered for the TxDOT's Performance Measures and Targets, but minimizing impacts that cause the poor conditions on roadways is the priority.

Mr. Zahn made a motion to adopt the 2023 Pavement and Bridge Condition (PM2) and System Performance and Freight (PM3) Performance Measures and Targets Resolution. Mayor Skurow seconded; the motion passed unanimously.

B. Adoption of Transit Asset Management (TAM) Plan and Public Transportation Agency Safety Plan (PTASP) Performance Measures and Targets

Mr. MacDonald provided the information regarding public transportation agencies that are also required to set their Performance Measures and Targets for both the Transit Asset Management (TAM) and Public Transportation Agency Safety Plan (PTASP). The Corpus Christi Regional Transportation

Authority (CCRТА) went through the necessary steps required by Federal Transit Administration (FTA) and adopted their TAM Plan and PTASP Performance Measures and Targets.

As a transportation planning partner, the Corpus Christi MPO staff is seeking the TPC's action to adopt the CCRТА's TAM Plan and PTASP as the regional Performance Measures and Targets.

Mr. Zahn made a motion to adopt the CCRТА's TAM Plan and PTASP Performance Measures and Targets Resolution. Mr. Olivarez seconded; the motion passed unanimously.

5. INFORMATION ITEMS FOR REVIEW, DISCUSSION AND COMMENTS

A. New Harbor Bridge Presentation and Update

Ms. Lynn Allison, Public Information Officer at Flatiron/Dragados, LLC, presented the New Harbor Bridge Project Update. Construction at the North Approach, North Beach roadworks and utilities, South Approach, and South roadworks are all in progress. The work of the South Interchange at IH-37 West and IH-37 East are completed, and Nueces Bay Intersection and Lake Street will be completed soon. Signages of businesses and roadways are installed for minimizing adverse impacts on traffic and local businesses. Flatiron/Dragados, LLC is committed to supporting the local economy and hiring local workforce specifically focusing on the Disadvantaged Business Enterprise, Small Business Enterprise, and Women In Construction. The Flatiron/Dragados, LLC is also committed to safety. The North and South Pylon erection will be continued with the planned sequences. The newest information on New Harbor Bridge Project is available at <https://harborbridgeproject.com> and Ms. Allison encouraged the TPC members and the public to go and check the website.

Mr. Olivarez, TxDOT Corpus Christi District Engineer, provided additional information on the new Harbor Bridge Construction. He explained there were five major safety concerns: (1) Inadequate capacity of the pylon shafts, (2) Deficiencies in footing caps related to the proximity of pylons to the edge of caps, (3) Delta frame design defects, (4) Uplift at intermediate piers, and (5) Excessive torsion and other stresses related to crane placement during construction. TxDOT and the Flatiron/Dragados, LLC have been discussing these deficiencies and now all deficiencies were believed to be solved. Mr. Olivarez mentioned that this information would be posted on the TxDOT Corpus Christi District webpage: <https://www.txdot.gov/about/districts/corpus-christi-district/cchb-update-04-06-23.html>.

Mayor Skurow commented that she receives many questions from citizens regarding the Harbor Bridge and this is the information she was looking for and thanked Mr. Olivarez.

B. Regional Traffic Safety Task Force Update

Mr. Casper provided a preview of the Regional Traffic Safety Task Force (RTSTF) meeting held on April 6, 2023, that is immediately after this TPC meeting. The agenda was provided as a reference for topics. The RTSTF will receive information about the scope of the Regional Safety Action Plan consultant work and various TxDOT's statewide safety campaigns, along with a demonstration of the Vision Zero Suite at six major locations in the Corpus Christi MPO planning area for crash analyses and diagnostics.

The next RTSTF meeting is planned for May 4, 2023.

C. Corpus Christi MPO Regional Coordination Group for Federal Transportation Grants Update

Mr. MacDonald briefed the TPC on the Regional Coordination Group for Federal Transportation Grants updates.

The Reconnecting Communities Pilot Grant Program's 45 awarded projects were announced. The City of Austin and the City of Houston are the only awardees of this grant in Texas. These project descriptions were attached. The City of Corpus Christi applied but was not awarded this type of grant.

The Strengthening Mobility and Revolutionizing Transportation (SMART) Grant's awardees were also announced and Harris County and TxDOT were selected and awarded for this grant as stated in the Item 5C memo.

The Notice of Funding Opportunity (NOFO) for the Charging and Fueling Infrastructure Discretionary Grant Program was announced and the NOFO was attached for reference. The closing date for this grant is May 30, 2023.

The CCRTA informed the Corpus Christi MPO staff and TAC that they would apply for the Low/Zero Emission Bus Program, and the Port of Corpus Christi stated that they would apply for the Port Infrastructure Development Grant.

6. Proposed Executive Session

Judge Krebs announced that the Committee will go into Executive Session under Chapter 551 of the Texas Government Code to discuss the annual evaluation of the Corpus Christi MPO Transportation Planning Director and will return to open session upon the conclusion of the Executive Session. The TPC meeting recessed at 2:46 p.m. The TPC went into Executive Session at 2:46 p.m. The TPC returned from Executive Session at 3:10 p.m. and reconvened at 3:11 p.m.

7. Possible Actions to Amend the Employment Contract of the Transportation Planning Director

Judge Krebs stated that the Committee needed more information to discuss Mr. MacDonald's annual evaluation. The Assistant County Attorney would contact Mr. MacDonald regarding the needed documentation.

Mr. Zahn made a motion to table the annual evaluation of the Corpus Christi MPO Transportation Planning Director until needed documentation is gathered. Mayor Skurow seconded; the motion passed unanimously. The Committee proceeded to agenda item 8: Member Agency Statements for Items of Community Interest without any action.

8. Member Agency Statements for Items of Community Interest: Upcoming events or holidays and acknowledgement.

Mr. Olivarez informed the TPC and the public that April is the National Work Zone Awareness Month and April 17 to April 21, 2023, is TxDOT's Work Zone Awareness Week. He requests motorists to be cautious when passing through the active work zones.

Judge Krebs mentioned that there would be the Hurricane Conference on May 3rd and 4th, and there is a schedule conflict with the May TPC. Mr. MacDonald would reschedule the May TPC after discussing availability with the TPC members.

9. Upcoming Meetings:

- | | |
|---|-------------------------------------|
| A. Regional Traffic Safety Task Force Meeting: | April 6, 2023 |
| B. Technical Advisory Committee Regular Meeting Workshop: | April 20, 2023 |
| C. Regional Small Area Forecast Task Force Kick-off Meeting: | April 20, 2023 |
| D. Transportation Policy Committee Regular Meeting: | May 4, 2023 (TBD) |
| E. Regional Traffic Safety Task Force Virtual Meeting: | May 4, 2023 |

10. Adjourn: The meeting adjourned at 3:14 p.m.



Date: May 5, 2023
To: Transportation Policy Committee (TPC)
From: Craig Casper, Senior Transportation Planner
Through: Robert MacDonald, Transportation Planning Director
Subject: Item 4A: FY 2022 Annual Listing of Obligated Projects (APL) Approved by Resolution 23-06
Action: Review, Discuss, Receive Public Comments and Possible Action To Release for a One Month Public Comment Period

Summary

Federal Regulations require MPOs, State Departments of Transportation, and Public Transportation Operators to develop a 4-year Transportation Improvement Program (TIP) and a listing of federally funded projects that were obligated in the preceding program year. The Annual Listing of Obligated Projects needs to be published and made available to the public in accordance with the Corpus Christi MPO's Public Participation Plan (PPP) and approved by the TPC.

Recommendation

The Corpus Christi MPO staff recommends that the TPC review and receive public comments on the DRAFT Resolution 23-06 and FY 2022 Annual Listing of Obligated Projects and release for a one-month public comment period.

Proposed Motion

Move to release the DRAFT Resolution 23-06 and FY 2022 Annual Listing of Obligated Projects as presented for a one-month public comment period.

Attachments:

1. FY 2022 Annual Listing of Obligated Projects
2. DRAFT Resolution 23-06: Approval of Fiscal Year 2022 Annual Listing of Obligated Projects



Fiscal Year 2022 Annual Project Listing

MAY 2023

Corpus Christi Metropolitan Planning Organization
602 N. Staples Street, Suite 300
Corpus Christi, TX 78401
Tel 361.884.0687 | www.corpuschristi-mpo.org

Agenda Item 4A - Attachment 1

CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

Funding for this document was provided by the U.S. Department of Transportation (DOT), Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).

Equal Employment Opportunity Employer

The Corpus Christi Metropolitan Planning Organization (Corpus Christi MPO), as a recipient of federal financial assistance and under Title VI of the Civil Rights Act of 1964 and related statutes, ensures that no person shall, on the grounds of race, religion, color, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any agency programs or activities. ADA and Title VI inquiries should be forwarded to Rob MacDonald, P.E., Corpus Christi MPO, 602 N. Staples Street, Suite 300, Corpus Christi, TX 78401, (361) 884-0687 or rmacdonald@cctxmpo.us.

CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

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CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

REQUIREMENT

An Annual Listing of Obligated Projects is required for each metropolitan area. The purpose of this effort is to increase the transparency of government spending on transportation projects and strategies in metropolitan areas to state and local officials, and the public at large. On an annual basis, the state, public transportation operator, and the MPO cooperatively develop a listing of projects (including investments in pedestrian walkways and bicycle transportation facilities) for which funds under 23 U.S.C. or 49 U.S.C. Chapter 53 were obligated in the preceding program year.

An obligation is defined as the federal government's legal commitment to pay the federal share of a project's cost. For FTA projects, obligation occurs when the FTA grants are awarded. For FHWA projects, obligation occurs when a projects agreement is executed and the State, grantee request that the funds be obligated. An obligated project is one that has been approved by the federal government for reimbursement. Obligated projects in this report are broken down into the following three categories: Highways, Bicycle and Pedestrian, and Grouped Projects.

The content of the Annual Listing of Obligated Projects report provides an overview of the transportation planning and programming process and the resulting federal funding obligation of the Transportation Improvement Program (TIP) for the Corpus Christi MPO's 2022 Fiscal Year (October 1, 2022, to September 30, 2023).

CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION (CORPUS CHRISTI MPO)

In April 2000, the Transportation Policy Committee adopted a resolution to change the MPO designation from the City of Corpus Christi to the Transportation Policy Committee. On June 28, 2000, an agreement was signed by the State of Texas and the elected officials of the cities and counties on the Transportation Policy Committee redesignating the Transportation Policy Committee as the MPO for the Corpus Christi Metropolitan Planning Area. The Transportation Policy Committee composed of four elected officials and three appointed officials, is the policy making governing body and provides a forum for cooperative decision-making for the transportation planning process.

The Transportation Planning activities of the MPO are concentrated in the Urbanized Areas of Nueces and San Patricio Counties. This area is also known as the Corpus Christi Metropolitan Area. The Corpus Christi Metropolitan Area and encompasses more than 348 square miles. Based on the 2020 Census, almost the entire population of the MPO area resides within the incorporated limits of the cities of Corpus Christi, Gregory, and Portland.

The two-committee organizational structure of the Corpus Christi Metropolitan Planning Organizations consists of the Transportation Policy Committee and the Technical Advisory Committee.

HIGHWAY PROJECTS

CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

Federal-Aid Project Number:
2020449

CSJ Number:
1742-01-026

MPO Project ID:
N/A

Sponsor:
TxDOT-CRP

Phase of Work:
C, E

Project Name/Facility:
FM 1694

Limits:
From: 1.94 MI SW OF IH 37
To: 2.16 MI SW OF IH 37

Funding Categories:
8

Project Description:
HAZARD ELIMINATION & SAFETY

Amount of Federal Funding Programmed in MPO TIP:	\$ 20,338.00
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Amount of Federal Funding Obligated in Fiscal Year:	\$ 208,359.13
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Amount of Federal Funding Remaining and Available for Subsequent Years:	\$ 0.00
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Federal-Aid Project Number:
2B20014

CSJ Number:
0074-05-098

MPO Project ID:
N/A

Sponsor:
TxDOT-CRP

Phase of Work:
C

Project Name/Facility:
IH 37

Limits:
From: NUECES RIVER (CB)
To: IH 37/US 77 INTERCHANGE

Funding Categories:
4R

Project Description:
WIDEN FREEWAY BY CONSTRUCTING ADDITIONAL 2 TRAVEL LANES NB & 1 ADDITIONAL TRAVEL LANE SB

Amount of Federal Funding Programmed in MPO TIP:	MOD
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Amount of Federal Funding Obligated in Fiscal Year:	\$ 5,972,297.46
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Amount of Federal Funding Remaining and Available for Subsequent Years:	\$ 0.00
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Federal-Aid Project Number:
2B20015

CSJ Number:
0074-06-241

MPO Project ID:
MPO-002

Sponsor:
TxDOT-CRP

Phase of Work:
C

Project Name/Facility:
IH 37

Limits:
From: REDBIRD LANE (OVERPASS)
To: NUECES RIVER

Funding Categories:
12, 2, 4U

Project Description:
WIDEN FREEWAY BY CONSTRUCTING ADDITIONAL 2 TRAVEL LANES NB AND 1 ADDITIONAL TRAVEL LANE SB

Amount of Federal Funding Programmed in MPO TIP:	\$ 48,000,000.00
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Amount of Federal Funding Obligated in Fiscal Year:	\$ 0.00
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Amount of Federal Funding Remaining and Available for Subsequent Years:	\$ 0.00
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CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

Federal-Aid Project Number: 2820015					
CSJ Number: 0074-06-249	MPO Project ID: N/A	Sponsor: TXDOT-CRP	Phase of Work: C		
Project Name/Facility: IH 37	Limits: From: REDBIRD LANE To: NUECES RIVER		Funding Categories: 1		
Project Description: SURFACE/ROADWAY RESTORATION					
			Amount of Federal Funding Programmed in MPO TIP:	\$ 2,031,314.00	
			Amount of Federal Funding Obligated in Fiscal Year:	\$ 14,000,000.00	
			Amount of Federal Funding Remaining and Available for Subsequent Years:	\$ 0.00	

GROUPED PROJECTS

CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

Federal-Aid Project Number:
1602259

CSJ Number:
0617-01-170

MPO Project ID:
S087C0294A

Sponsor:
TxDOT-CRP

Phase of Work:
C, E

Project Name/Facility:
SH 358

Limits:
From: NILE DRIVE
To: AYERS STREET

Funding Categories:
1, 2

Project Description:
RAMP REVERSAL PHASE II-A (SOUTHSIDE ONLY)

Amount of Federal Funding Programmed in MPO TIP:	\$ 2,820,000.00
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Amount of Federal Funding Obligated in Fiscal Year:	\$ 2,820,000.00
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Amount of Federal Funding Remaining and Available for Subsequent Years:	\$ 0.00
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Federal-Aid Project Number:
2021550

CSJ Number:
0074-06-253

MPO Project ID:
N/A

Sponsor:
TxDOT-CRP

Phase of Work:
C

Project Name/Facility:
US 181

Limits:
From: TANCAHUA STREET
To: BREWSTER STREET

Funding Categories:
8

Project Description:
ADVANCED TRAFFIC MANAGEMENT SYSTEM CONNECTION

Amount of Federal Funding Programmed in MPO TIP:	\$ 249,868.78
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Amount of Federal Funding Obligated in Fiscal Year:	\$ 249,868.78
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Amount of Federal Funding Remaining and Available for Subsequent Years:	\$ 0.00
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Federal-Aid Project Number:
2021752

CSJ Number:
0617-02-001

MPO Project ID:
N/A

Sponsor:
TxDOT-CRP

Phase of Work:
C, E

Project Name/Facility:
PR 22

Limits:
From: AT INTERSECTION OF GIWW BRIDGE/PR 22
To:

Funding Categories:
6

Project Description:
BRIDGE MAINTENANCE

Amount of Federal Funding Programmed in MPO TIP:	\$ 1,880,135.66
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Amount of Federal Funding Obligated in Fiscal Year:	\$ 1,880,135.66
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Amount of Federal Funding Remaining and Available for Subsequent Years:	\$ 0.00
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CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

Federal-Aid Project Number: 2022545			
CSJ Number: 0916-35-243	MPO Project ID: N/A	Sponsor:	Phase of Work: C
Project Name/Facility: CS	Limits: From: ON SOUTH PORT AVE AT TARLTON AVE To: SARITA STREET		Funding Categories: 8, LC
Project Description: TRAFFIC SIGNAL IMPROVEMENTS			
Amount of Federal Funding Programmed in MPO TIP:			\$ 33,732.90
Amount of Federal Funding Obligated in Fiscal Year:			\$ 33,732.90
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Federal-Aid Project Number: 2022546			
CSJ Number: 0916-35-247	MPO Project ID: N/A	Sponsor:	Phase of Work: C
Project Name/Facility: CS	Limits: From: ON TEXAN TRAIL ST FROM S STAPLES STREET To: BUCCANEER DRIVE		Funding Categories: 8, LC
Project Description: TRAFFIC SIGNAL IMPROVEMENTS			
Amount of Federal Funding Programmed in MPO TIP:			\$ 49,371.90
Amount of Federal Funding Obligated in Fiscal Year:			\$ 49,371.90
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

Federal-Aid Project Number: 2022547			
CSJ Number: 0617-01-206	MPO Project ID: N/A	Sponsor: TxDOT-CRP	Phase of Work: C
Project Name/Facility: SH 358	Limits: From: AIRLINE ROAD To: AYERS STREET		Funding Categories: 1
Project Description: RESURFACE ROADWAY			
Amount of Federal Funding Programmed in MPO TIP:			\$ 6,642,714.60
Amount of Federal Funding Obligated in Fiscal Year:			\$ 6,642,714.60
Amount of Federal Funding Remaining and Available for Subsequent Years:			\$ 0.00

CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

**PUBLIC TRANSPORTATION PROJECTS
(Corpus Christi Regional Transportation Authority)**

CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION

FY 2022 Annual Project Listing – Transit Projects

TIP FY	MPO PROJECT NUMBER	PROJECT DESCRIPTION	FTA FUNDING CATEGORY	FTA APPORTIONMENT YEAR	CAPITAL	OPERATING	ADMINISTRATION	PLANNING	AMENDMENT DATE	AMENDMENT ACTION	REMARKS	FTA FUNDS	OTHER SOURCES	TOTAL PROJECT COST
2022	CCRТА-049	5310 Sub-recipient	5310	2021		Y						\$320,000	\$80,000	\$400,000
2022	CCRТА-050	Westside Station near DMC West Campus	5307	2021	Y							\$4,080,000	\$1,020,000	\$5,100,000
2022	CCRТА-051	Bus Stop Amenities	5307	2021		Y						\$688,000	\$172,000	\$860,000
2022	CCRТА-052	Preventive Maintenance	5307	2021		Y						\$800,000	\$200,000	\$1,000,000
2022	CCRТА-053	Rolling Stock (All Variety of Rolling Stock)	5307	2021	Y							\$5,264,000	\$1,316,000	\$6,580,000
2022	CCRТА-054	Support/Relief Vehicles	5307	2021	Y							\$272,000	\$68,000	\$340,000
2022	CCRТА-055	Bus Stop Improvements	5307	2021		Y						\$400,000	\$100,000	\$500,000
2022	CCRТА-056	Support Equipment and Facilities/Hardware/Software	5339	2021		Y						\$872,000	\$218,000	\$1,090,000
2022	CCRТА-075	Rural Economic Assistance League I/МАР2	5310	2022	Y							\$140,871	\$0	\$140,871
2022	CCRТА-076	Coastal Bend Center for Independent Living Purchase of Service	5310	2022	Y							\$140,871	\$0	\$140,871
2022	CCRТА-077	Coastal Bend Center for Independent Living Mobility Management	5310	2022	Y							\$140,871	\$0	\$140,871
FY 2022 Total												\$13,118,613	\$3,174,000	\$16,292,613



CORPUS CHRISTI METROPOLITAN PLANNING ORGANIZATION (CORPUS CHRISTI MPO)

DRAFT RESOLUTION 23-06

**APPROVAL OF FISCAL YEAR 2022 ANNUAL LISTING OF OBLIGATED PROJECTS
(FY 2022 APL)**

WHEREAS, the Corpus Christi Metropolitan Planning Organization (Corpus Christi MPO) is required to develop a 4-year Transportation Improvement Program (TIP) in cooperation with the State Department of Transportation (TxDOT) and a public transportation operator (CCRTA - Corpus Christi Regional Transportation Authority) under 49 U.S.C. 5303 (j); and

WHEREAS, the Corpus Christi MPO, TxDOT, CCRTA are required to cooperatively develop a listing of federally funded projects that were obligated in the preceding program year under 23 CFR 450.326; and

WHEREAS, the listing of annual obligated projects shall be published and made available in accordance with the Corpus Christi MPO's Public Participation Plan (PPP);

NOW, THEREFORE, BE IT RESOLVED that the Corpus Christi MPO Transportation Policy Committee hereby approves the Fiscal Year 2022 Annual Listing of Obligated Projects; and

That it is hereby officially found and determined that the meeting at which this resolution is passed is open to the public and that public notice of the time, place and purpose of said meeting was given as required by law.

That all public participation requirements identified within the Corpus Christi MPO Public Participation Plan related to this action by the Transportation Policy Committee were met and completed.

UNANIMOUSLY ADOPTED the 1st day of June 2023, at the Transportation Policy Committee meeting of the Corpus Christi Metropolitan Planning Organization.

Singed this 1st day of June 2023

The Honorable David R. Krebs, TPC Chair
Corpus Christi Metropolitan Planning Organization
County Judge, San Patricio County

David R. Krebs
Print Name

ATTEST:

Robert F. MacDonald, MPA, P.E.
Transportation Planning Director
Corpus Christi Metropolitan Planning Organization



REGIONAL TRAFFIC SAFETY TASK FORCE MEETING

WEDNESDAY, MAY 10, 2023 – 10:00 a.m.

**Location: Corpus Christi Regional Transportation Authority (CCRTA) Staples Center Building
Room 210, located at 602 N. Staples Street in Corpus Christi, Texas 78401**

THIS MEETING WILL BE CONVENED IN-PERSON

1. WELCOME AND INTRODUCTIONS

2. SAFETY INITIATIVES

A. TxDOT Wrong-way Driver Coalition/Task Force

- i. Update on Harbor Bridge Wrong-way drivers enforcement and road reconfigurations.
- ii. Status of sharing law enforcement database.
- iii. Future action items.

B. TxDOT Statewide Safety Campaign Highlight:

- i. TxDOT Click-It-or-Ticket Program.
- ii. TxDOT-CRP Pedestrian Prohibited Program on SPID, Crosstown, etc.

C. Corpus Christi MPO's Regional Safety Action Plan (RSAP) Update.

D. Information on Federal Safe Streets and Roads for All (SS4A) grant opportunities: Supplemental Planning and Demonstration Activities Grant Application.

3. LOCAL SAFETY INITIATIVES

A. City of Corpus Christi, Nueces County, TxDOT, Law Enforcement or ISDs report of safety activities.



4. OPEN DISCUSSION AND COMMENTS

A. Comments from Members

5. NEXT MEETINGS:

A. Regional Traffic Safety Task Force regular meeting: June TBD, 2023

6. ADJOURN

 - Indicates attachment(s) for the agenda item.  - Indicates a weblink for agenda item



Date: May 4, 2023
To: Transportation Policy Committee (TPC)
From: Craig Casper, Senior Transportation Planner
Through: Robert MacDonald, Transportation Planning Director
Subject: **Item 5C: Small Area Forecast Process Update: Regional Control Totals**
Action: **Review, Discuss and Comment**

Summary

The Corpus Christi MPO prepares a socioeconomic forecast for each update of the Metropolitan Transportation Plan (MTP). Socioeconomic data are a vital component of Long-Range Transportation Planning and travel demand forecasting models. Development of a demographic forecast (i.e. the Small Area Forecast) is required by federal regulations to ensure that long-range Metropolitan Transportation Plans are based on “the latest available estimates and assumptions for population, land use, travel, employment, congestion, and economic activity” (23 CFR 450.324(e)).

The purpose of the Small Area Forecast Task Force (SAF Task Force) continues to be to develop the Small Area Forecast process and help create future development scenarios. These scenarios will bracket some of the uncertainties and reduce the risk of making inefficient transportation investments by identifying future transportation needs based on several different allocations of population. The “control total” forecast for future years is produced for the entirety of each individual county: Nueces, San Patricio, and Aransas Counties. The UrbanSim allocation software allocates demographic information into the approximately 600 Traffic Analysis Zones (TAZs) throughout the three counties. The proposed length of term for operations of the Corpus Christi MPO Small Area Forecast Task Force is up to eighteen months.

Prior TPC Actions

- The TPC created the Small Area Forecast Task Force (SAF Task Force) in December 2022 to provide the regional forum to discuss the population and employment forecasts through 2050 to coincide with the development of the regional 25-year Transportation Plan known as the 2050 Metropolitan Transportation Plan (2050 MTP). The most recent SAF Task Force Agenda is provided as Attachment 1.
During that same meeting, Dr. Helen You, Associate Director, Texas State Demographic Center provided a presentation on the forecasting process. The presentation slides are provided as Attachment 4.
- Approved the TxDOT contract (NCAFA) for consultant services including TASK 4: Socio-economic Allocation Model Data Acquisition and Calibration budgeted for \$185,000. The consultant scope of services is provided as Attachment 2 with highlights of the key population and employment forecasting items.

Recommendation

None. This is an information item for the TPC.

Review the population forecasts for the three counties (see Attachment 3) and provide comments to MPO staff for use with the SAF Task Force, TAC and the stakeholders in the planning process.

Alternatives

None at this time. This is an information item only.

Proposed Motion

None. This is an information only item.

Financial Impact

The TPC has approved the \$2.0 million TxDOT contract known as a Non-Construction Advance Funding Agreement (NCAFA). The cost to perform Task 4 of the NCAFA is \$185,000 with 100% federal funds. The consultant team is engaged, and the process is underway with MPO staff, TAC and the SAF Task Force.

Background

The following excerpt from the FY 2023 Unified Planning Work Program (UPWP) is the subtask description contained in our MPO budget for transportation planning. This is the summary scope that the NCAFA Task 4 consultant scope of services was developed from in the last months.

SUBTASK 2.3 – SOCIO-ECONOMIC ALLOCATION MODEL DATA ACQUISITION AND CALIBRATION

Review local land use files, property information, employment information and U.S. Census databases and update databases as needed. Develop regionally approved population, income, household, and employment data from appropriate sources for the Corpus Christi MPO’s planning and forecasting processes. Explore, and implement with consultant help, an advanced allocation model such as Urbanism. A consulting firm may be hired to aid development of forecasting tools or processes.

The socioeconomic database is compiled and maintained using local land use files, property information, employment information and U.S. Census materials such as American Community Survey (ACS), Woods and Poole forecasts, and other information as required.

Attachment(s)

1. SAF Task Force Recent Agenda from April 20, 2023
2. NCAFA Scope with Consultant
3. Table of Regional Control Totals for Three Counties
4. Texas State Demographic Center Presentation Slides by Dr. Helen You to TPC on December1, 2022.



CORPUS CHRISTI MPO SMALL AREA FORECAST TASK FORCE **REGULAR MEETING**

When: Thursday, April 20, 2023 at 11:00 A.M.
(Following the Technical Advisory Committee (TAC) Workshop)

Location: Corpus Christi Regional Transportation Authority (CCRTA) Building
602 N. Staples Street, Room 324, Corpus Christi, TX 78401

1. WELCOME AND INTRODUCTIONS

2. REMINDER OF THE SMALL AREA FORECAST (SAF) TASK FORCE PURPOSE

The Corpus Christi MPO prepares a socioeconomic forecast for each update of the Metropolitan Transportation Plan (MTP). Socioeconomic data are a vital component of Long-Range Transportation Planning and travel demand forecasting models. Development of a demographic forecast (i.e. the Small Area Forecast) is required by federal regulations to ensure that long-range Metropolitan Transportation Plans are based on “the latest available estimates and assumptions for population, land use, travel, employment, congestion, and economic activity” (23 CFR 450.324(e)). The proposed purpose of this new task force is to develop the Small Area Forecast process and help create future development scenarios. These scenarios will bracket some of the uncertainties and reduce the risk of making inefficient transportation investments by identifying future transportation needs based on several different allocations of population. The “control total” forecast for future years is produced for the entirety of each individual county: Nueces, San Patricio, and Aransas Counties. The UrbanSim allocation software allocates the demographic information into the Traffic Analysis Zones (TAZs). The proposed length of term for operations of the Corpus Christi MPO Small Area Forecast Task Force is eighteen months.

3. REGIONAL CONTROL TOTAL ESTIMATES

4. TRAFFIC ANALYSIS ZONES (TAZ) SUB-ALLOCATION OVERVIEW

<https://ccmpo.maps.arcgis.com/apps/instant/basic/index.html?appid=bab70d4ff7ce4366948ea8365d178e29>

2021-2050 Traffic Analysis Zones (TAZ) Preview web map. Zoom in and out of the map with mouse wheel or in map controls. Clicking on a TAZ will create a docked pop-up information window with all attributes associated with that TAZ.



5. CONSULTANT TEAM AND SCOPE OF SERVICES FOR THE 2050 SAF

6. OPEN DISCUSSION AND COMMENTS

7. NEXT MEETING:

- A. May 18, 2023 Regular SAF Task Force Meeting**
- B. Future Agenda Topics: Major Land Uses (NAS/CCAD, Industry, Housing Developments, City’s Area Development Plans (ADPs), Special Generators of Traffic)**

8. ADJOURN

 - Indicates attachment(s) for the agenda item.  - Indicates a weblink for the agenda item.

CORPUS CHRISTI



METROPOLITAN PLANNING ORGANIZATION

April 21, 2023

602 N. Staples St., Suite 300
Corpus Christi, TX 78401

Telephone: 361.884.0687
Email: ccmpo@cctxmpo.us
www.corpuschristi-mpo.org

TRANSPORTATION POLICY COMMITTEE

Hon. David R. Krebs - Chair
San Patricio County Judge

Charles W. Zahn, Jr. - Vice Chair
Port of Corpus Christi
Commission Chairman

Hon. Paulette Guajardo
City of Corpus Christi Mayor

Hon. Cathy Skurow
City of Portland Mayor

Hon. Connie Scott
Nueces County Judge

Dan Leyendecker
Corpus Christi Regional
Transportation Authority
Board Chairman

Valente Olivarez, Jr., P.E.
Texas Department of
Transportation - Corpus Christi
District Engineer

Work Authorization 2023.04

FNI Project CHO21496

Socio-Economic Allocation Model Data Acquisition and Calibration

Notice to Proceed: April 21, 2023

Description of Services: This task evaluates transportation and land use within the Corpus Christi Metropolitan Planning Organization (Corpus Christi MPO) to develop up to six (6) preferred land use scenarios for demographic inputs to the Corpus Christi MPO travel demand model. The detailed scope and schedule is attached.

The work shall not exceed \$185,000 unless preapproved in writing.

Deliverables: Consultant will provide professional services and deliver:

- Project Kick-off Meeting
- Two (2) in-person Small Area Forecast (SAF) Task Force meetings, with up to two (2) additional virtual meetings
- Monthly progress reports and invoices specific to this Work Authorization
- Two (2) in-person stakeholder workshops and Two (2) stakeholder interactive sessions with meeting notes and materials
- Refined socio-economic data
- Travel time matrix
- Supporting data in GIS format
- Land use forecasts for 2035 and 2050
- Socio-economic forecasts for 2035 and 2050
- A calibrated and validated UrbanSim model
- Three (3) forecast year (2035) and three (3) forecast year (2050) scenarios
- A technical memorandum
- Meeting notes and materials, GIS map packet
- Presentation to the Corpus Christi MPO SAF TF, TPC, and TAC.

The attached Work Authorization 2023.04 ends on September 30, 2024 unless extended in writing.

Respectfully,

A handwritten signature in blue ink, appearing to read 'Robert MacDonald'.

Robert MacDonald, MPA, P.E.
Transportation Planning Director



WORK AUTHORIZATION 2023.04 – Socio-Economic Allocation Model Data Acquisition and Calibration

Corpus Christi MPO

Attn: Craig Casper, AICP

Corpus Christi Metropolitan Planning Organization

602 N. Staples Streets, Suite 300

Corpus Christi, TX, 78401

FNI PROJECT: CHO21496

Work Authorization 2023.4 - Socio-Economic Allocation Model

Data Acquisition and Calibration

DATE: 4/21/2023

This authorization is in accordance with the terms and conditions outlined in the Corpus Christi Metropolitan Planning Organization (Corpus Christi MPO) General Planning Consultant Contract Agreement (executed on April 2021) between the Corpus Christi MPO and FNI. This contract was amended on June 21, 2022 (executed on July 19, 2022) and is scheduled to expire on September 30, 2024.

Project Name: Socio-Economic Allocation Model Data Acquisition and Calibration

Description of Services: This task evaluates transportation and land use within the Corpus Christi Metropolitan Planning Organization (Corpus Christi MPO) to develop up to six (6) preferred land use scenarios for demographic inputs to the Corpus Christi MPO travel demand model. Specific task efforts include:

WORK AREA A. Project Management

Effective project management is a critical component of successful projects and requires clear and consistent communication of project progress and contract expenditures to the client.

Task A1. Project Communications

The project team will hold bi-weekly virtual meetings with Corpus Christi MPO Staff to discuss data needs, issues resolution, and upcoming meetings and deliverables. The FNI project manager will contact the MPO project manager on an as-needed basis throughout the project process.

Task A2. Project Kick-off Meeting

FNI staff will coordinate with the Corpus Christi MPO to conduct one (1) virtual kick-off meeting to discuss the task effort and approach. At the request of the Corpus Christi MPO, an in-person meeting can be arranged if the meeting can be conducted in coordination with other project meetings or tasks.

Task A3. Small Area Forecast Task Force (SAF Task Force)

The Corpus Christi MPO will use a Small Area Forecast Task Force comprised of identified key stakeholders in support of the project. FNI will conduct up to four (4) regular meetings throughout the project to present findings and receive guidance on project tasks, deliverables, and recommendations. Two (2) Small Area Forecast Task Force meetings will be held in-person, with two (2) additional meetings held virtually. The Corpus Christi MPO will be responsible for providing a listing of committee members, coordinating meeting times and dates, and reserving meeting locations.

The Small Area Forecast Task Force will conduct a final review of the draft memorandum and provide one (1) set of consolidated comments before presentation of the final version to the Corpus Christi MPO.

Task A4. Scope, Schedule and Budget Adherence

Regular monthly progress reports and invoices specific to this Work Authorization (2023.04) will be submitted to the Corpus Christi MPO for review and approval. All project reports will list work completed, work task status (as outlined in the scope), and percentage of project funds expended.

Deliverables

- Project Kick-off Meeting
- Use of Existing SAF Task Force
- Two (2) in-person SAF Task Force meetings, with up to two (2) additional virtual meetings.
- Monthly progress reports and invoices

WORK AREA B. Stakeholder Engagement

FNI will conduct stakeholder input meetings with the Corpus Christi MPO, identified community groups, and other agencies to review the development process and identify key issues or areas of concern. FNI will provide discussion materials and mapping to solicit input for the stakeholder meetings.

Task B1. Stakeholder Workshops

Targeted outreach with key stakeholders will be conducted at the onset of the project to gather input on critical issues. The first workshop will outline the task purpose, schedule timeline, development methodology and input and feedback process will be held with key representatives of agencies and jurisdictions as directed by Corpus Christi MPO. Each workshop will be no more than four (4) hours long and will consist of a short presentation and a workshop session. Gathered information and feedback from the first workshop will help guide the development of inputs for the allocation model.

A follow-up workshop will review the land use allocation draft, including visualization mapping with employment and households labeled at the traffic analysis zone (TAZ) level, and data summary for stakeholder comment and feedback. Consultant will present the material, methodology used to create the allocation, solicit feedback and note any assumptions to seek concurrence. Key Stakeholders shall be given two weeks, approximately, to provide feedback via Client for incorporation into draft-final results. Feedback from jurisdictions to be incorporated should be specific to the TAZ level and give approximate modifications to be made without further interpretation needed. Alternatively, Consultant can extend the feedback incorporation process for an additional service and fee.

The consultant team will attend, provide visualization map of existing data, and tabular data summary of targeted regional control totals for feedback. The Corpus Christi MPO will be responsible for reserving a meeting location and providing a list of contacts. This meeting may be held concurrently with the SAF Task Force meetings or stakeholder involvement sessions.

Task B2. Stakeholder Interactive Sessions

Stakeholder involvement will be a key component of the overall project and will include two (2) interactive sessions. The first session will outline the task purpose, schedule timeline, development methodology and input and feedback process. The second meeting will present the land use allocation draft, including visualization mapping with employment and households labeled at the TAZ level, and data summary for comment and feedback.

The stakeholder interactive sessions will be two (2) 3-hour workshops where the project team will conduct a short presentation followed by a listening session. Corpus Christi MPO staff will be responsible for inviting stakeholders, posting public meeting notices, and arranging a venue for these meetings.

Deliverables

- Two (2) in-person stakeholder workshops
- Two (2) stakeholder interactive sessions
- Meeting notes and materials

WORK AREA C. Data Collection

Task C1. Demographic Data: Socio-economic and demographic information will be obtained from the Corpus Christi MPO's Woods and Poole forecast, the Corpus Christi MPO model, the Texas Water Development Board, the US Census data, and the state demographer. Residential Population, employment and household projections from up to three different sources will be secured, including the State Demography Office and Woods and Poole are for use as control totals.

Roadway and Model Data: Client will provide existing travel demand model, input networks, base and forecast year sociodemographic data. Collection of additional roadway data from, local municipalities, the Corpus Christi MPO and TxDOT will be conducted as required. Adopted, available thoroughfare plans will be reviewed for TAZ and demographic growth effects.

Current travel time matrices will be used for the UrbanSim model. Consultant will work with client and UrbanSim Vendor to secure travel time speed data from INRIX or similar on back end of the UrbanSim platform. Up to 20 Special generators will be identified, either by the Corpus Christi MPO model, GIS analysis, or as provided by stakeholders. Examples can be Airports, ports, military bases, refineries, and major tourist attractions.

Other Data: Overlay of available environmental data (in GIS format), aerial imagery, geographic features, and property boundary data will be used to identify issues and needs. Consultant will secure and review land use plans from participating jurisdictions in GIS format. Information on development activity and parcel information will also be collected.

Deliverables

- Refined socio-economic data
- Travel time matrix
- Supporting data in GIS format

WORK AREA D. Forecast Development

Task D1. Land Use Forecasts

The Consultant will reference land use plans, existing residential and socio-economic data to determine development typologies and their approximate densities to the Corpus Christi MPO study area at the TAZ level. Levels of development, density, and mix of uses will be considered, appropriate to the data structure of the travel demand model (exurban, suburban-residential focus, suburban office/commercial, service/industrial focus, CBD, etc.). The Consultant will coordinate with Corpus Christi MPO staff in developing the land use types.

Task D2. Development of Control Totals

Consultant will develop future year regional control totals and socio-economic projections to serve as the base input for allocation of demographic growth for the Corpus Christi MPO region. These projections will be based on collected data and will be developed in coordination with the Corpus Christi MPO and the SAF Task Force. Rates of growth and totals will generally conform to published state demographer population projections and commercially available employment projections aggregated to the county level.

Task D3. Socio-Economic Forecasts

Using the datasets collected in Work Area C, the project team will work with the Corpus Christi MPO and key stakeholders to develop socioeconomic and demographic control totals for the region for 2035 and 2050 for each of the six (6) scenarios.

Deliverables

- Land use forecasts for 2035 and 2050
- Socio-economic forecasts for 2035 and 2050

WORK AREA E. Land Use Simulations

Task E1. UrbanSim Model Setup

UrbanSim is a decision-making tool that assesses the impact of various planning policies scenarios using multiple data sources and provides insight into the interaction between land use, housing, transportation, and other factors that influence community outcomes. The Consultant will use finalized regionalized control totals developed under Task D2 and travel time matrix provided in Task C1 as inputs and validate/calibrate the model in coordination with the Corpus Christi MPO using agreed upon metrics for reasonableness and accuracy.

Task E2. Scenario Development

The project team will use UrbanSim software under license with the Corpus Christi MPO to develop three (3) scenarios for each forecast year (2035 and 2050) for a total of six (6) scenarios. These scenarios will evaluate the impact of infill versus continued urban sprawl within the region and/or other development patterns determined by the Corpus Christi MPO and its SAF Task Force. All scenarios will be reviewed in coordination with Corpus Christi MPO staff, and their findings will be presented to the SAF Task Force in a workshop setting for review. A cursory equity analysis from the preferred scenarios will also be conducted. Up to ten maps will be prepared, showing base and forecast year population, employment, activity levels (density), future land use plans, and stylized maps in a format to be determined.

Deliverables

- A calibrated and validated UrbanSim model
- Three (3) forecast year (2035) and three (3) forecast year (2050) scenarios

WORK AREA F. Documentation

Task F1. Technical Memorandum and Presentation

The project team will prepare a technical memorandum detailing the model development process as well as the final observations and up to ten maps. All meeting notes and materials will be included as part of the final submission. All GIS files will be provided to the Corpus Christi MPO as a map packet. The project team will submit a draft document in electronic format for review and comment. Staff comments shall be provided in one consolidated document within 10 business days of submittal. A final document and map set will be prepared based on these comments. A presentation of the technical memorandum, including an overview of the process and its findings, will be presented to the Corpus Christi MPO SAF TF, TPC, and TAC.

Deliverables:

- A technical memorandum
- Meeting notes and materials, GIS map packet
- Presentation to the Corpus Christi MPO SAF TF, TPC, and TAC.

Schedule: The project schedule will not exceed 12 months.

Compensation: An amount not to exceed One Hundred and Eighty-Five Thousand Dollars (\$185,000.00). Any changes in scope or fee shall be approved by client in advance of any proposed out of scope work.

All other provisions, terms and conditions of the Professional Services Agreement which are not expressly amended shall remain in full force and effect.

FREESE AND NICHOLS, INC.

Corpus Christi MPO

BY: _____

BY: 

Edmund Haas, AICP
(Print Name)

Robert F. MacDonald, PE
(Print Name)

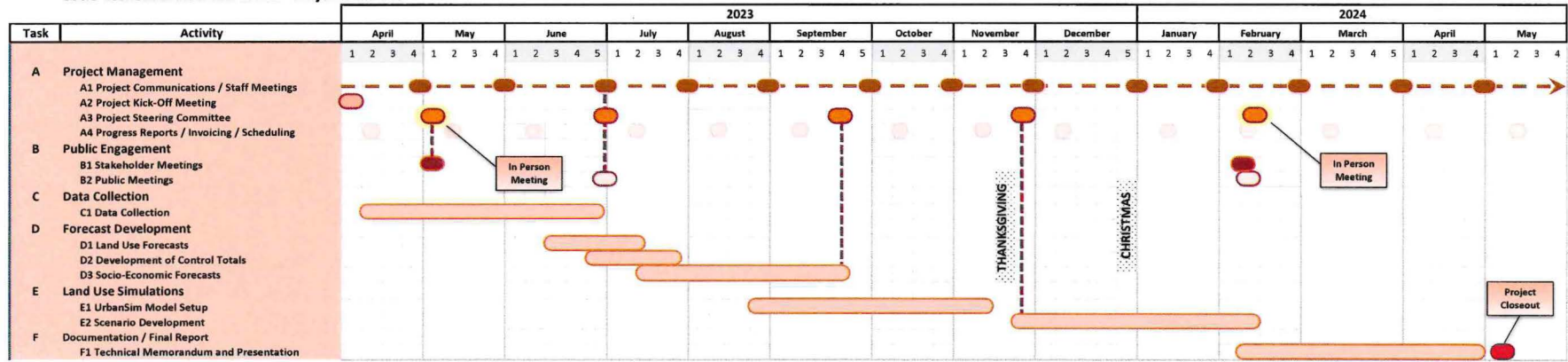
TITLE: Vice-President, Transportation Planning

TITLE: Transportation Planning Director

DATE: April 21, 2023

DATE: April 21, 2023

Socio-Economic Allocation Model - Project Schedule



REGIONAL CONTROL TOTALS



2020-2035	County	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Texas Demography .05 Projections	Nueces	353,178	354,702	355,935	357,156	358,322	359,466	360,551	361,642	362,693	363,699	364,690	365,623	366,503	367,343	368,110	368,796
	San Patricio	68,755	69,030	69,322	69,590	69,876	70,136	70,427	70,697	70,978	71,230	71,476	71,727	71,982	72,229	72,442	72,673
	Aransas	23,830	23,874	23,849	23,807	23,749	23,698	23,644	23,566	23,509	23,423	23,353	23,261	23,177	23,085	22,985	22,875
	3-County Total	445,763	447,606	449,106	450,553	451,947	453,300	454,622	455,905	457,180	458,352	459,519	460,611	461,662	462,657	463,537	464,344

Texas Demography .1 Projections	Nueces	353,178	354,369	355,255	356,066	356,842	357,612	358,342	359,083	359,785	360,483	361,162	361,853	362,467	363,060	363,606	364,086
	San Patricio	68,755	69,092	69,413	69,759	70,082	70,400	70,727	71,048	71,380	71,661	71,973	72,284	72,573	72,868	73,130	73,391
	Aransas	23,830	23,982	24,070	24,120	24,178	24,231	24,286	24,319	24,360	24,391	24,415	24,442	24,459	24,446	24,453	24,458
	3-County Total	445,763	447,443	448,738	449,945	451,102	452,243	453,355	454,450	455,525	456,535	457,550	458,579	459,499	460,374	461,189	461,935

Estimates of July 1 Population	Nueces Estimated	353,178	351,484	350,472
	San Pat Estimated	68,755	69,122	69,282
	Aransas Estimated	23,830	24,394	24,693
	3-County Total	445,763	445,000	444,447



2036-2050	County	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Texas Demography .05 Projections	Nueces	369,460	369,981	370,450	370,824	371,130	371,358	371,529	371,671	371,752	371,797	371,796	371,754	371,693	371,584	371,485
	San Patricio	72,890	73,108	73,316	73,510	73,658	73,833	73,978	74,116	74,250	74,357	74,445	74,529	74,585	74,638	74,669
	Aransas	22,787	22,684	22,572	22,458	22,330	22,212	22,110	21,981	21,861	21,753	21,631	21,512	21,403	21,307	21,201
	3-County Total	465,137	465,773	466,338	466,792	467,118	467,403	467,617	467,768	467,863	467,907	467,872	467,795	467,681	467,529	467,355

Texas Demography .1 Projections	Nueces	364,473	364,812	365,053	365,220	365,303	365,312	365,264	365,179	365,020	364,795	364,552	364,248	363,899	363,484	363,055
	San Patricio	73,641	73,897	74,145	74,357	74,569	74,771	74,953	75,131	75,272	75,402	75,524	75,619	75,715	75,769	75,816
	Aransas	24,437	24,411	24,378	24,337	24,299	24,253	24,200	24,142	24,093	24,032	23,968	23,892	23,825	23,765	23,708
	3-County Total	462,551	463,120	463,576	463,914	464,171	464,336	464,417	464,452	464,385	464,229	464,044	463,759	463,439	463,018	462,579

Population Trends and Projections: Texas and the Corpus Christi MPO Area

Presented to



Corpus Christi, Dec 2022



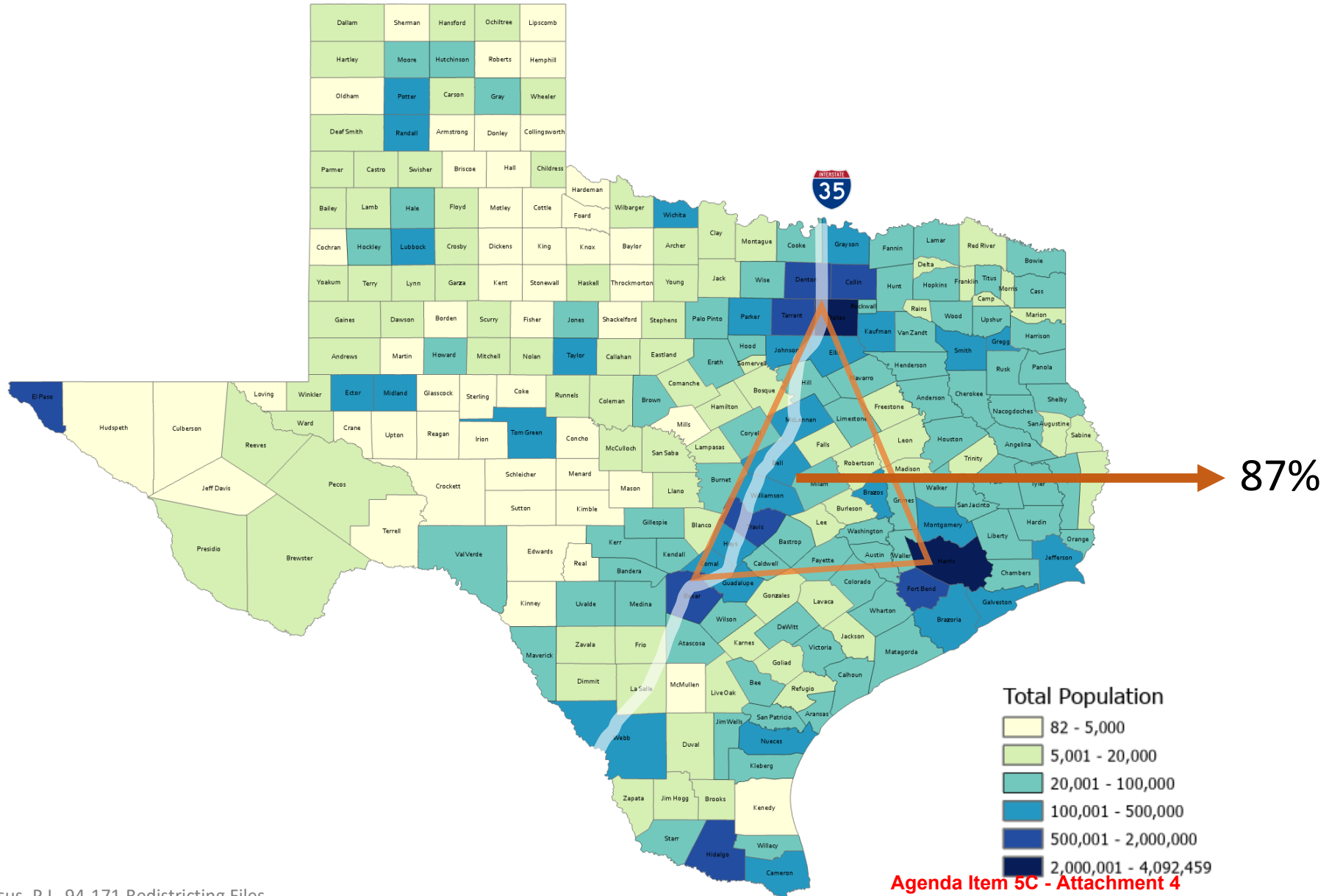


Population Change, the US and Selected States, 2010-2020, 2020-2021

	2010 Population	2020 Population	Numeric Change 2010-2020	Percent Change 2010-2020	Numeric Change 2020-2021	Percent Change 2020-2021
United States	308,745,538	331,449,281	22,703,743	7.4%	392,665	0.12%
Texas	25,145,561	29,145,505	3,999,944	15.9%	310,288	79% of U.S. Total 1.06%
Florida	18,801,310	21,538,187	2,736,877	14.6%	211,196	0.98%
California	37,253,956	39,538,223	2,284,267	6.1%	-261,902	-0.66%
Georgia	9,687,653	10,711,908	1,024,255	10.6%	73,766	0.69%
Washington	6,724,540	7,705,281	980,741	14.6%	19,907	0.26%
North Carolina	9,535,483	10,439,388	903,905	9.5%	93,985	0.90%
New York	19,378,102	20,201,249	823,147	4.2%	-319,020	-1.58%
Arizona	6,392,017	7,151,502	759,485	11.9%	98,330	1.37%
Colorado	5,029,196	5,773,714	744,518	14.8%	27,761	0.48%
Virginia	8,001,024	8,631,393	630,369	7.9%	10,230	0.12%
Tennessee	6,346,105	6,910,840	564,735	8.9%	55,099	0.80%
Utah	2,763,885	3,271,616	507,731	18.4%	56,291	1.72%

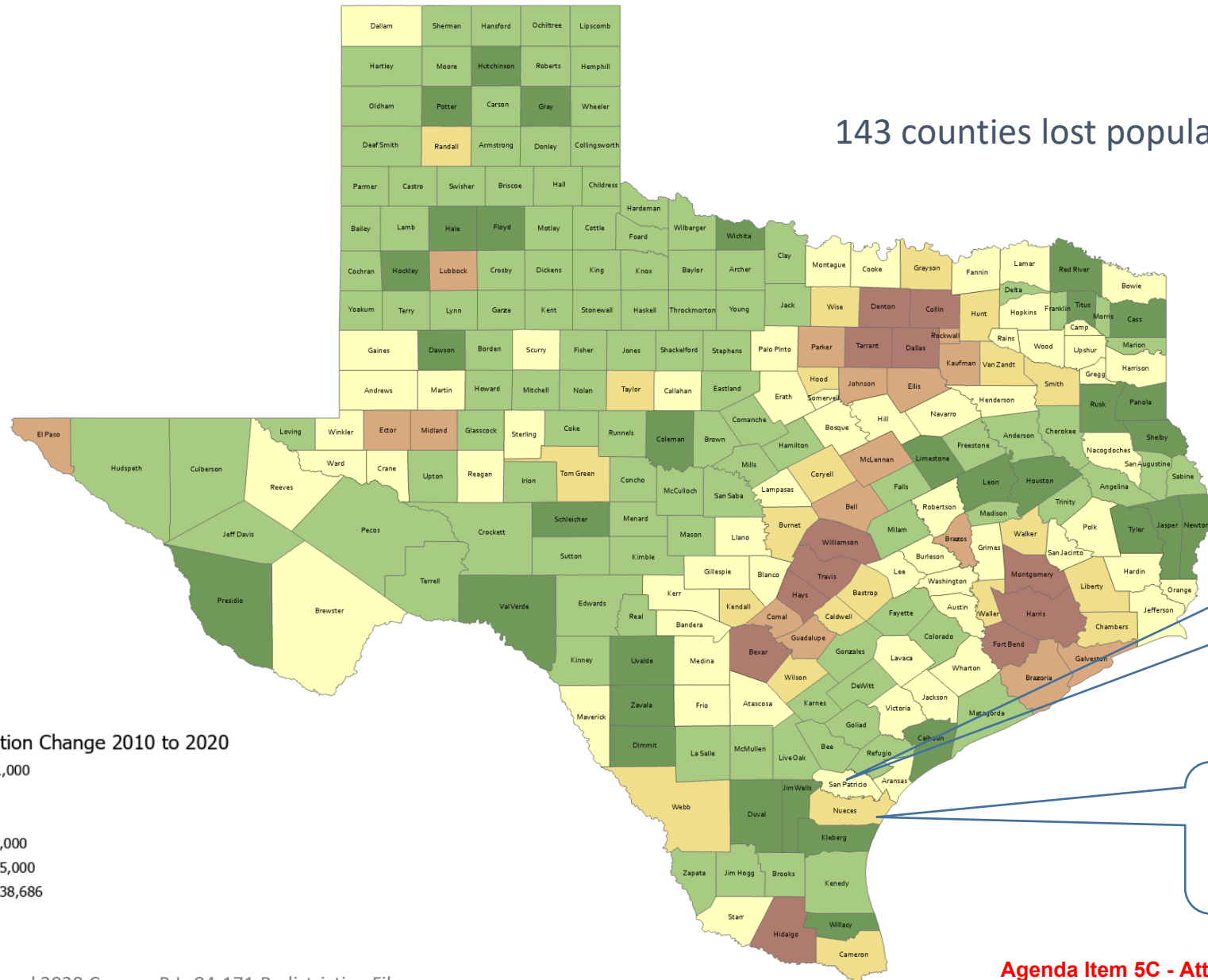


Census 2020 Population, Texas Counties





Numeric Change, Texas Counties, 2010-2020



San Patricio : + 3,951
 2010: 64,804
 2020: 68,755

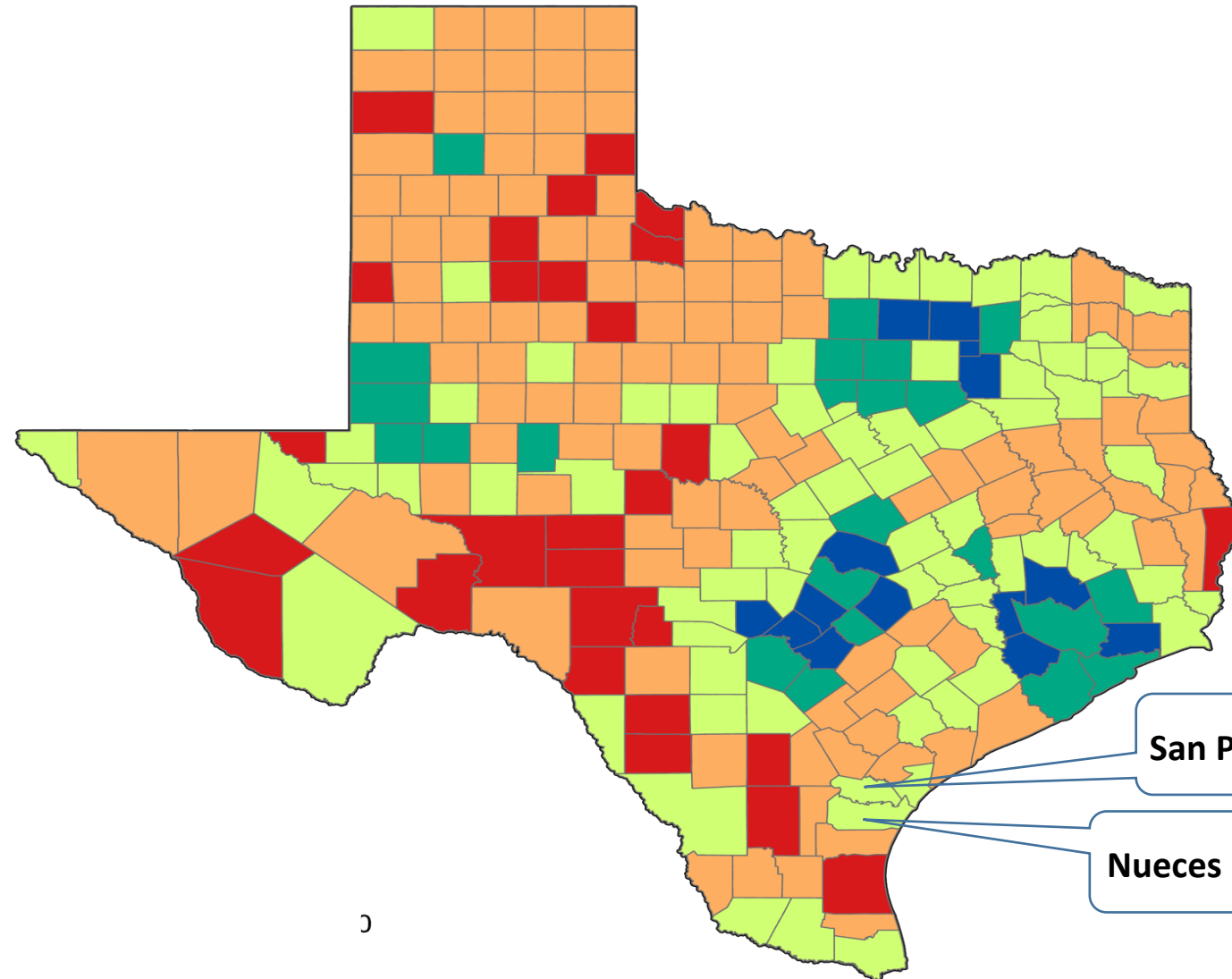
Nueces : + 12, 995
 2010: 340,223
 2020: 353,178

Total Population Change 2010 to 2020

- 3,751 - -1,000
- 999 - 0
- 1 - 5,000
- 5,001 - 25,000
- 25,001 - 75,000
- 75,001 - 638,686



Percent Change, Texas Counties, 2010-2020



County
Percent Change 2010-2020

- 29.2 - -13.0 (28)
- 12.9 - 0.0 (115)
- 0.1 - 15.0 (74)
- 15.1 - 30.0 (23)
- 30.1 - 53.4 (14)

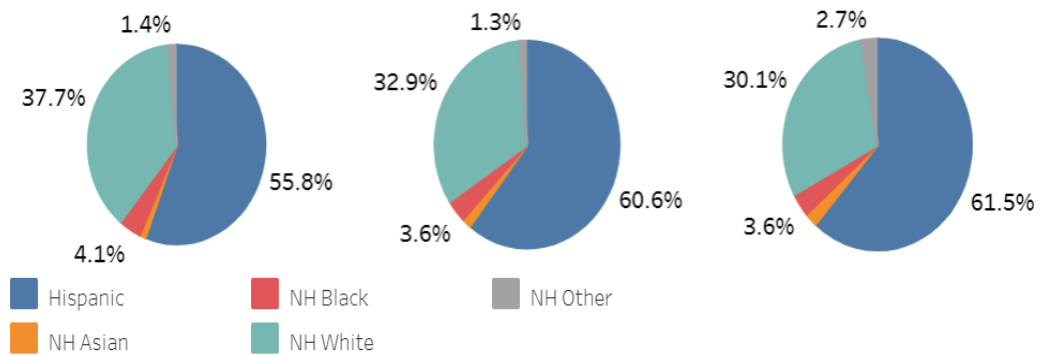
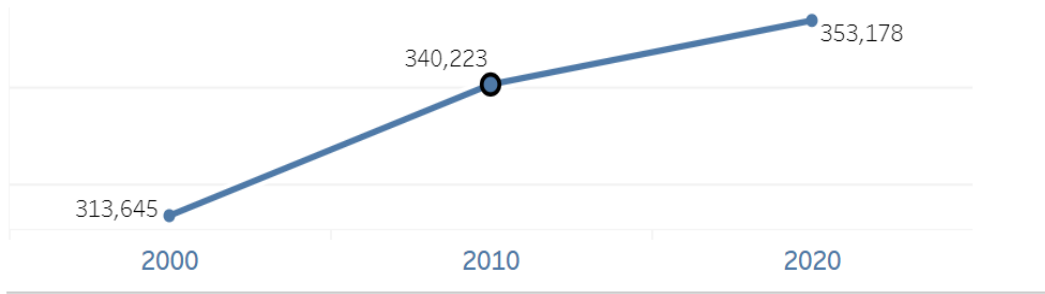
San Patricio : + 6.1%

Nueces : + 3.8%

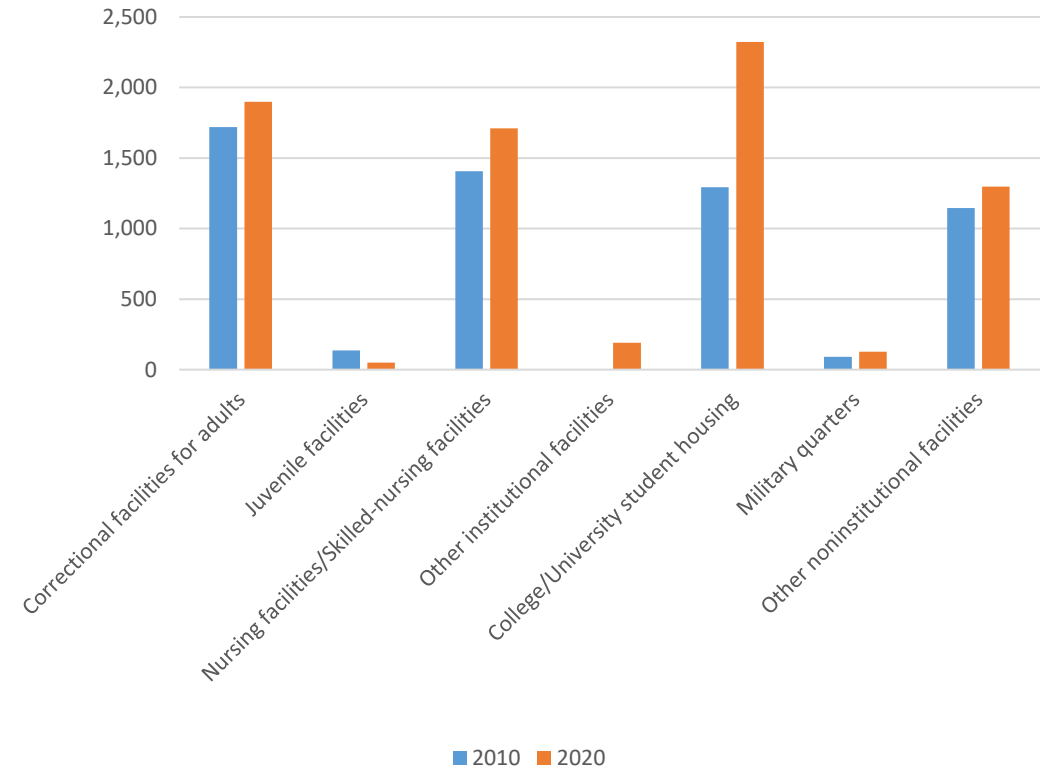


Nueces County, Texas

Population 2000 -2020



Group Quarter Population

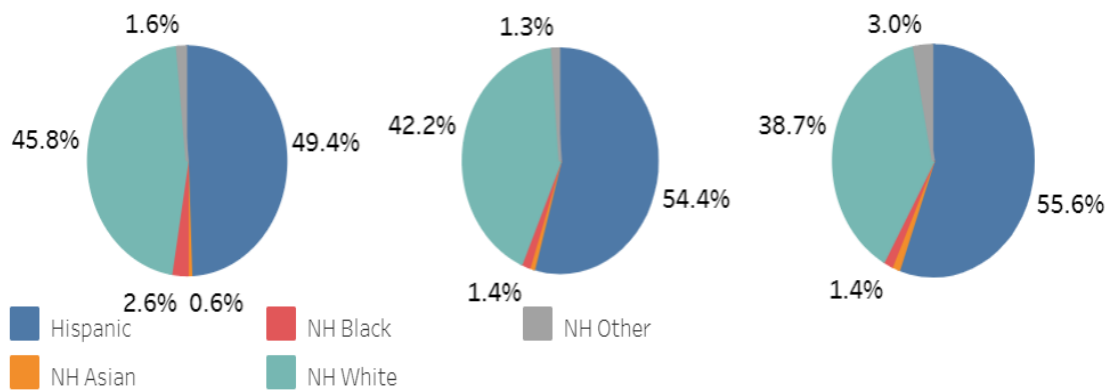
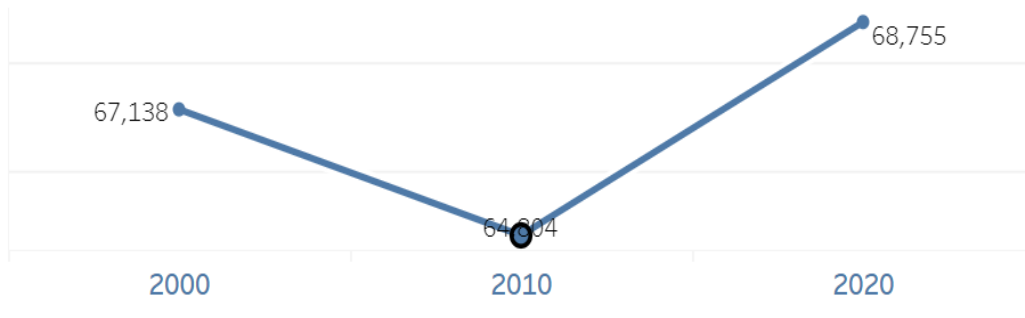


SOURCE: US Census Bureau, 2010 and 2020 Census, P.L. 94-171 Redistricting Files

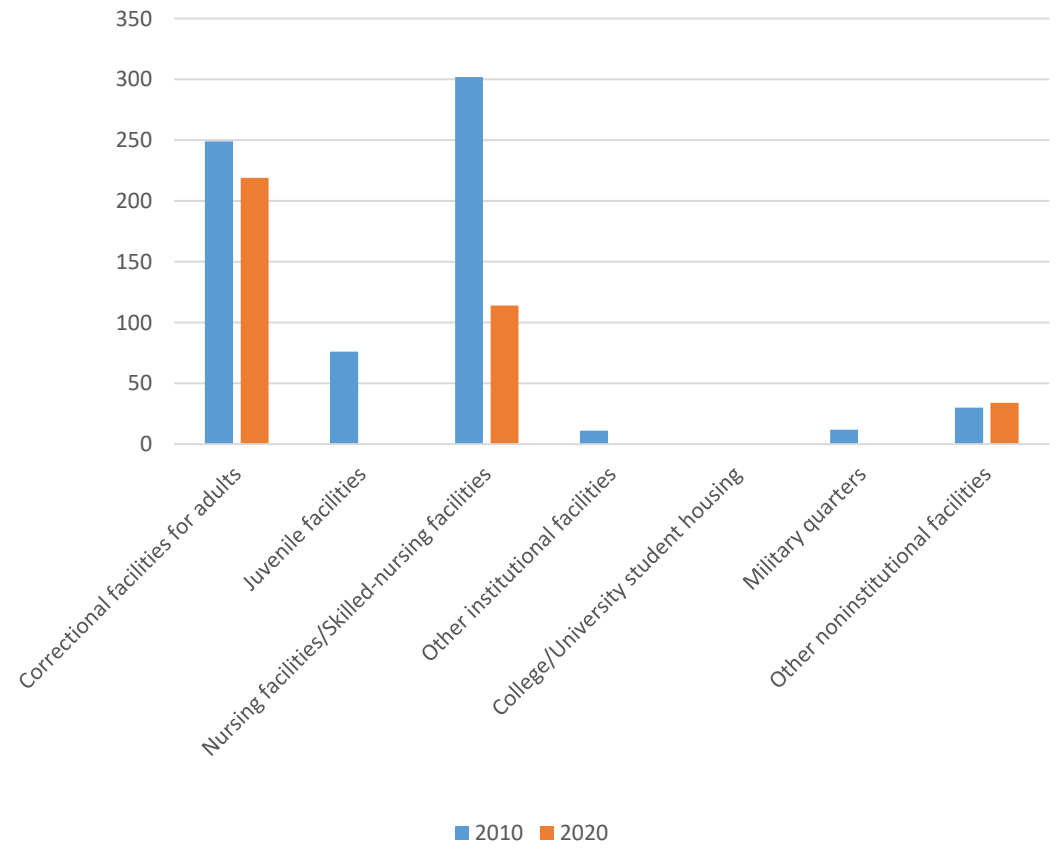


Nueces County, Texas

Population 2000 -2020



San Patricio County, Texas

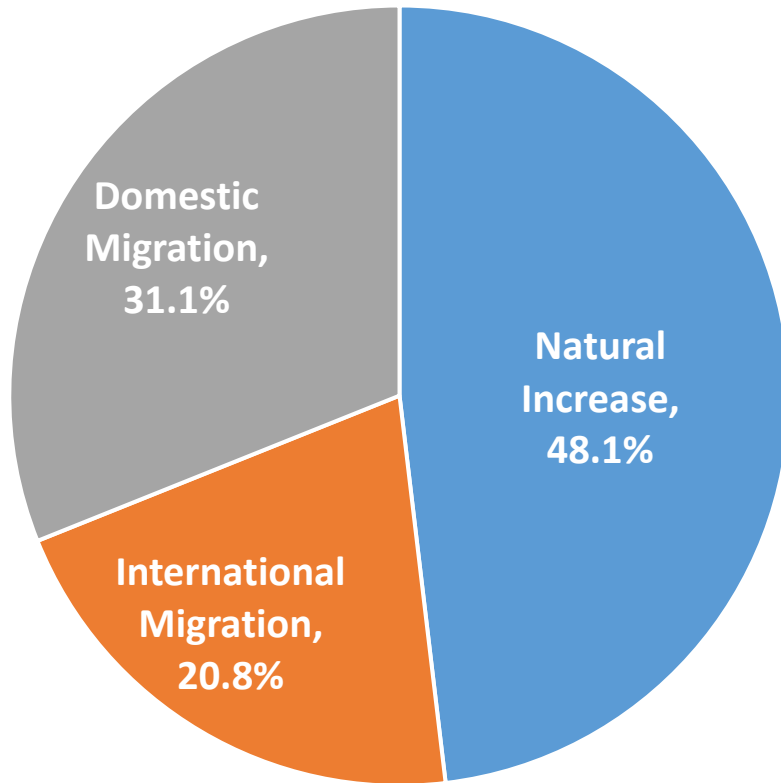


SOURCE: US Census Bureau, 2010 and 2020 Census, P.L. 94-171 Redistricting Files

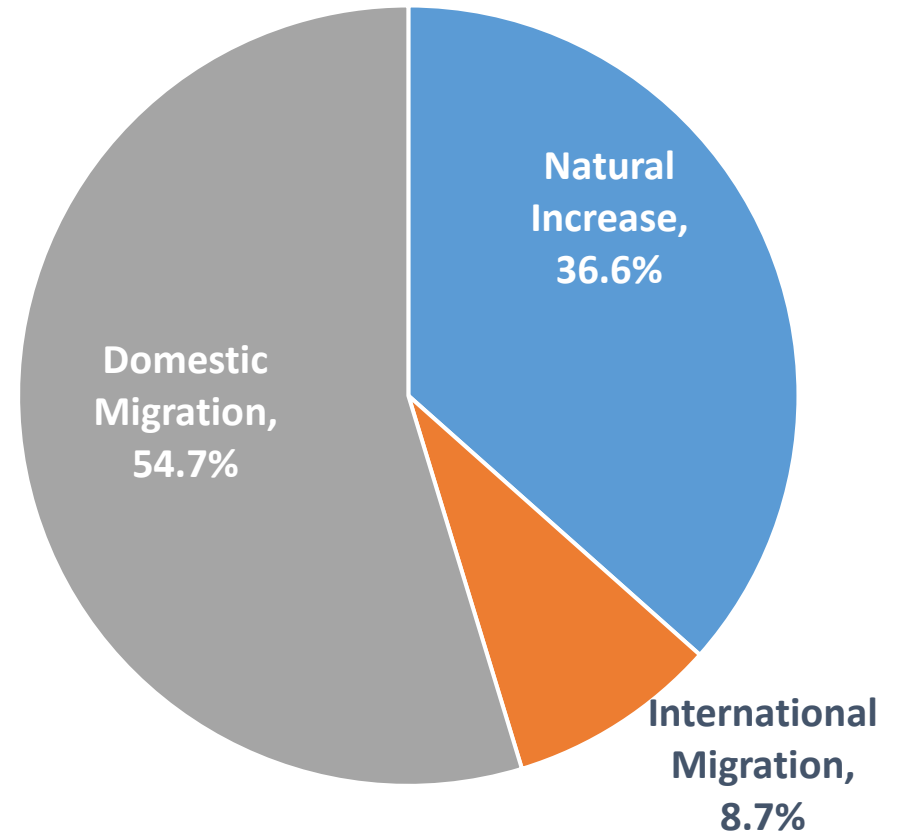


Estimated Components of Population Change for Texas, 2010-2020 and 2020-2021

2010 to 2020

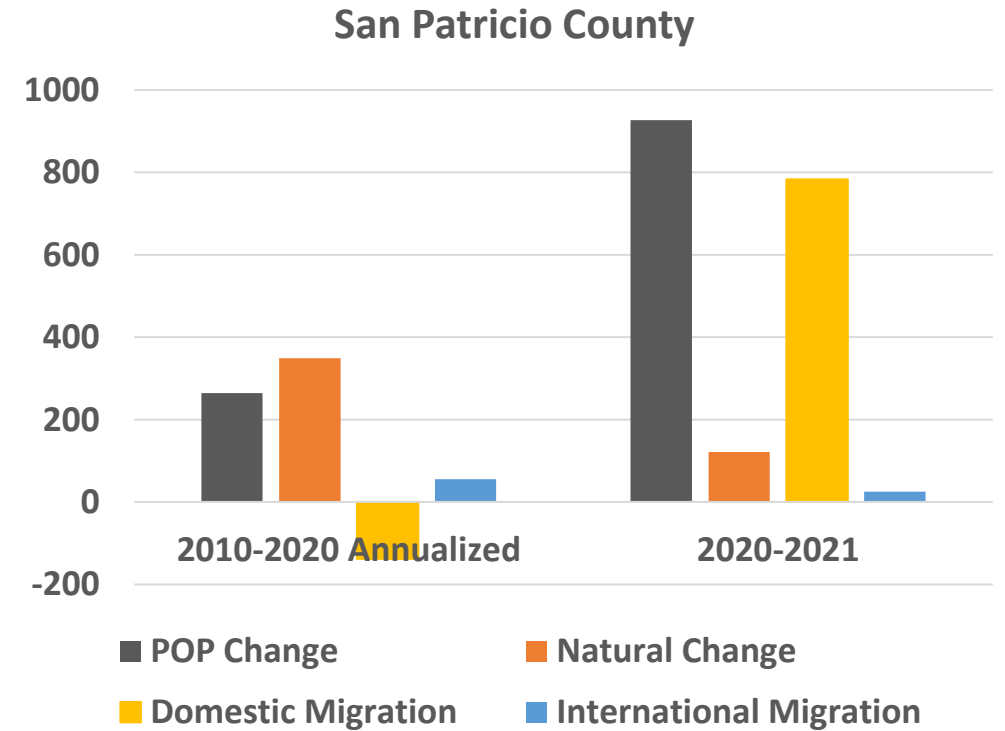
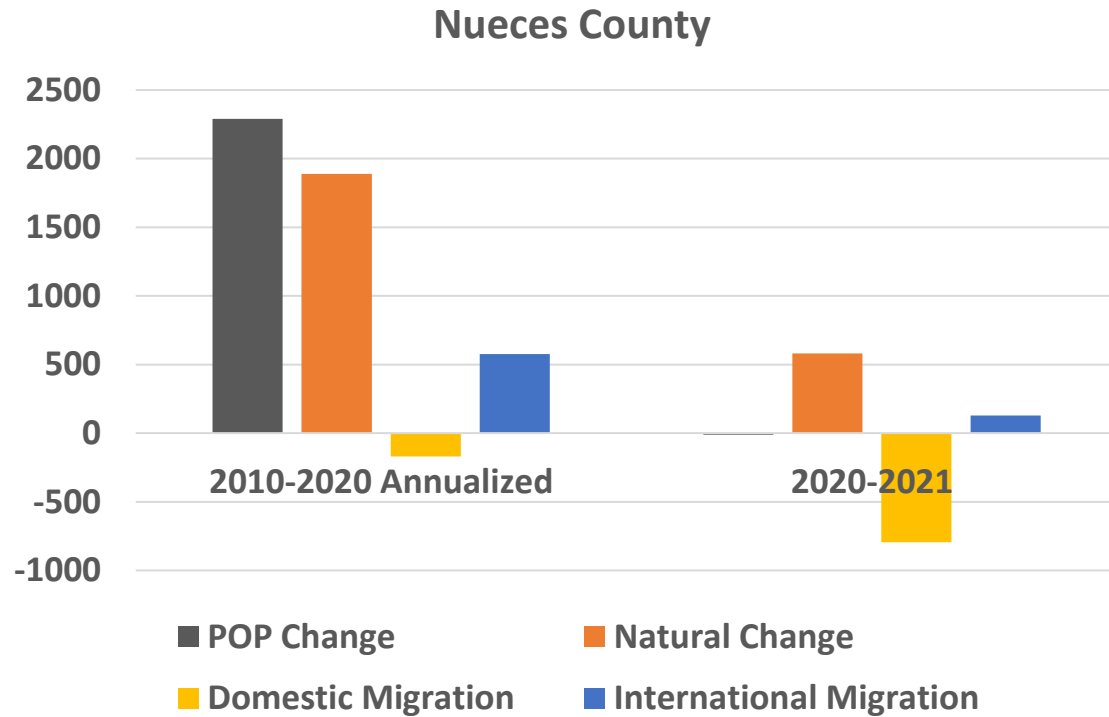


2020 to 2021



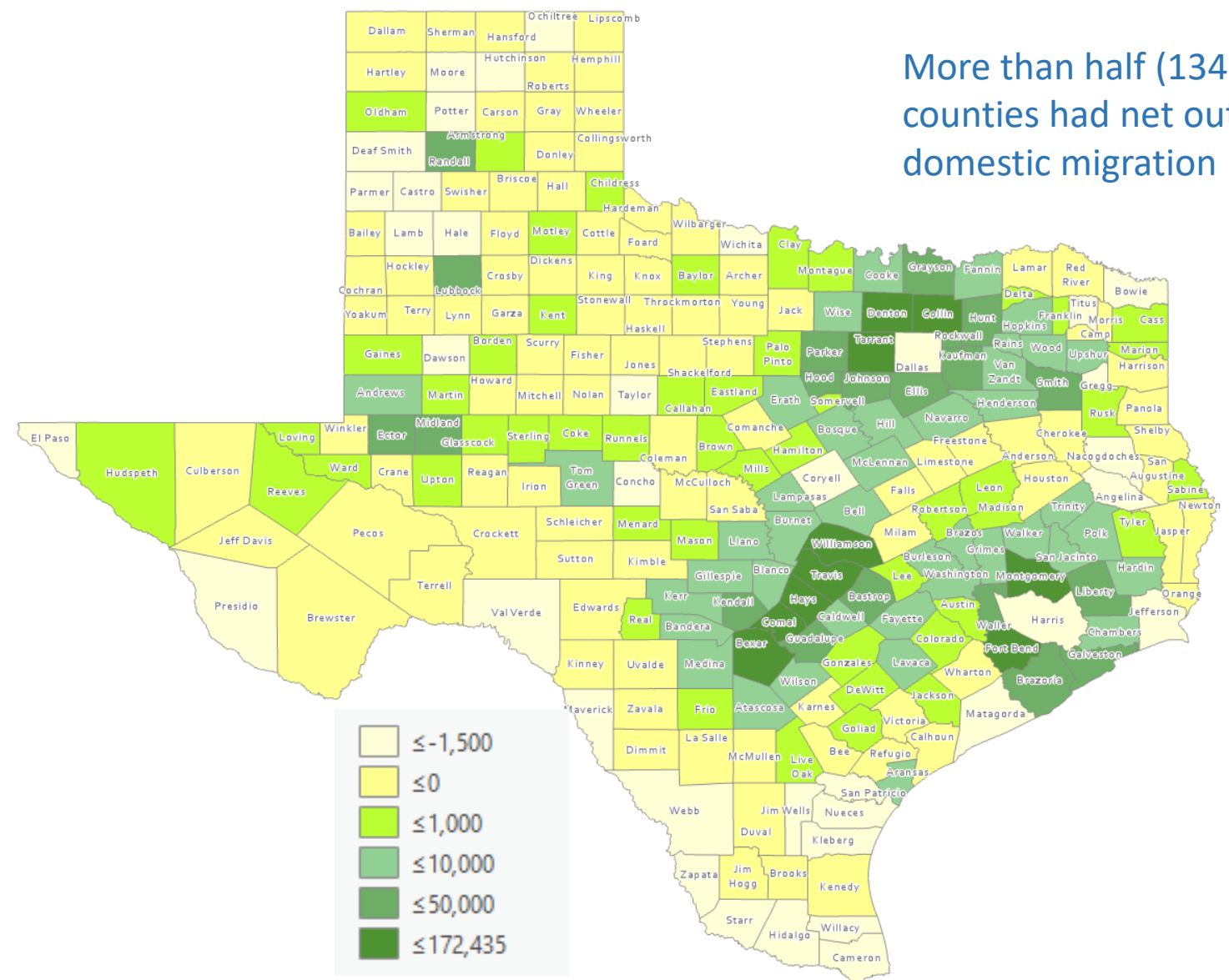


Estimated Components of Population Change for Nueces County and San Patricio County, 2010-2020 and 2020-2021





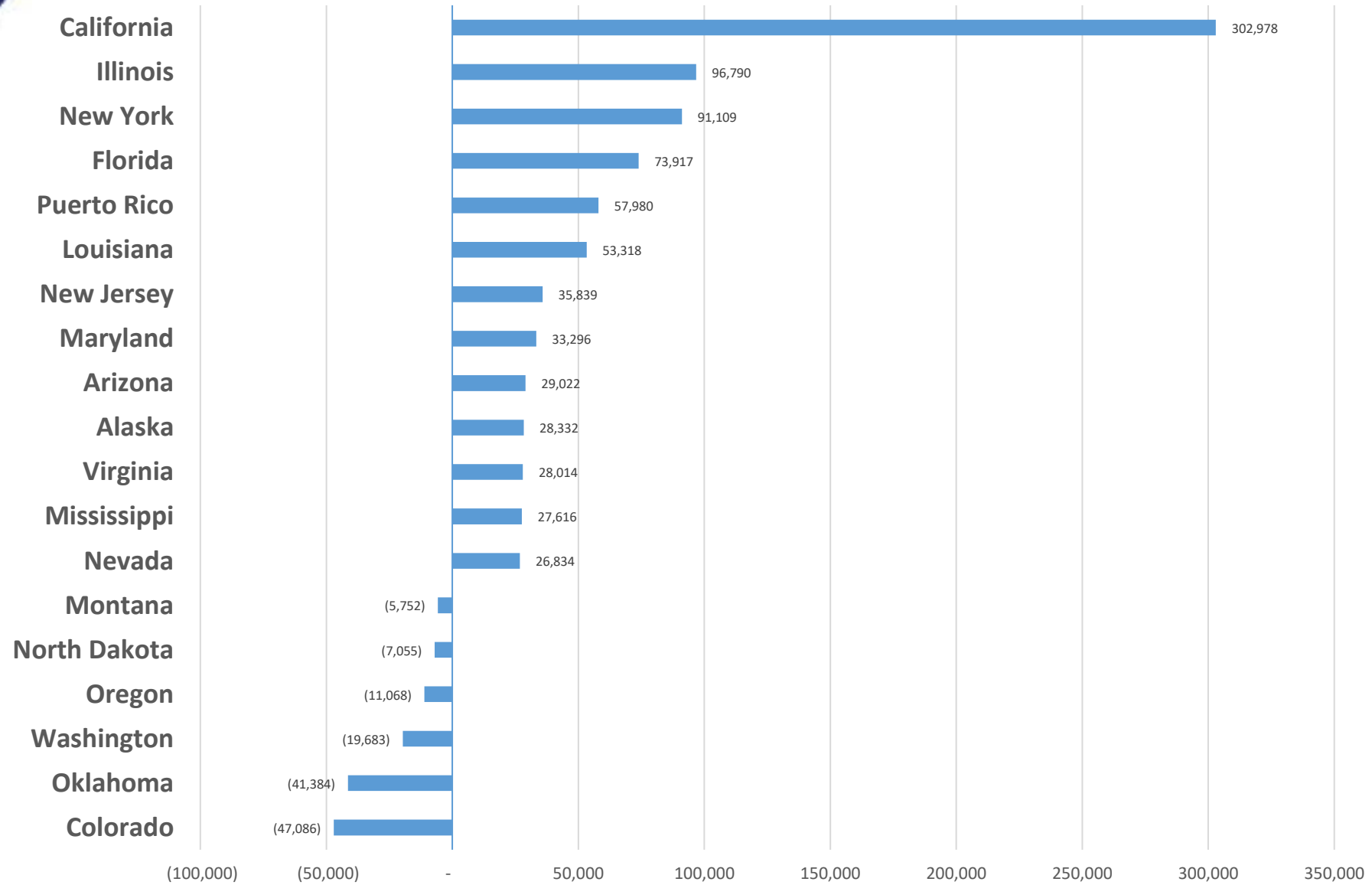
Estimated Population Change from Domestic Migration, Texas Counties, 2010-2020



More than half (134) of counties had net out domestic migration



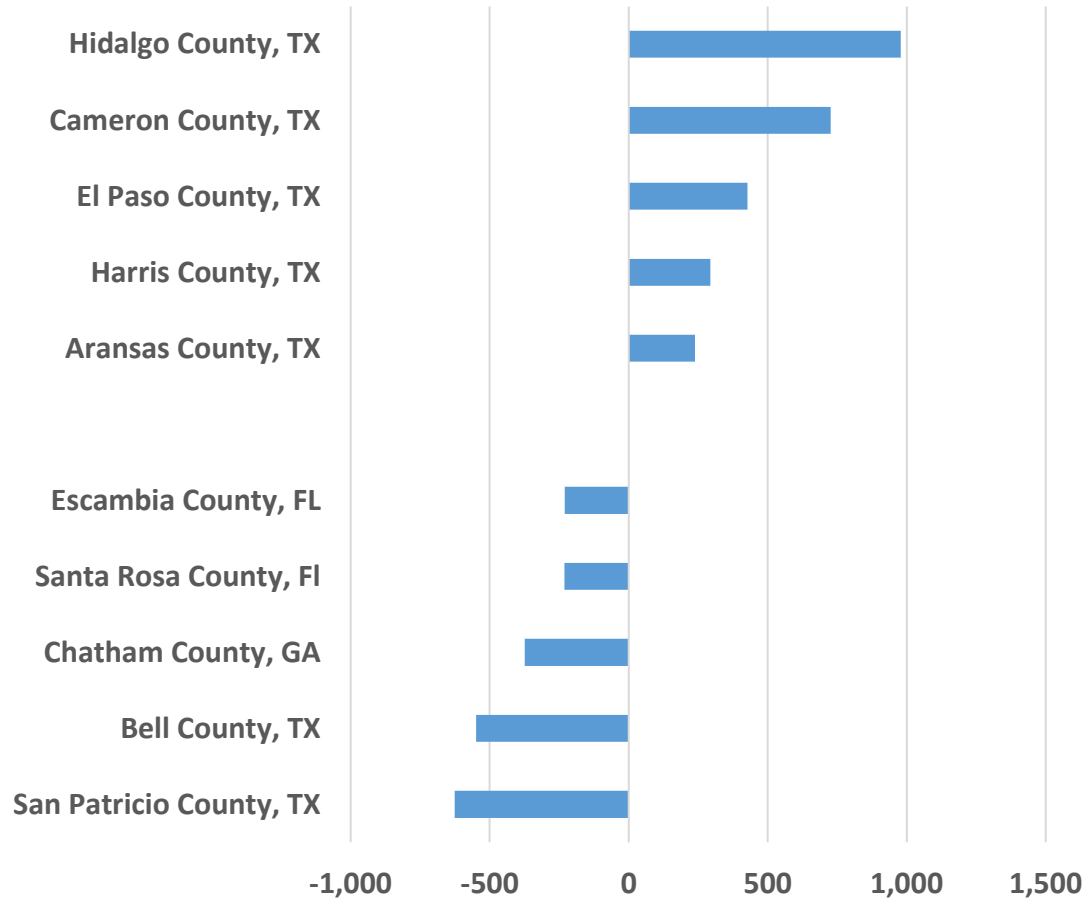
Estimated Net Domestic Migrants Between Texas and Other States, 2010-2019



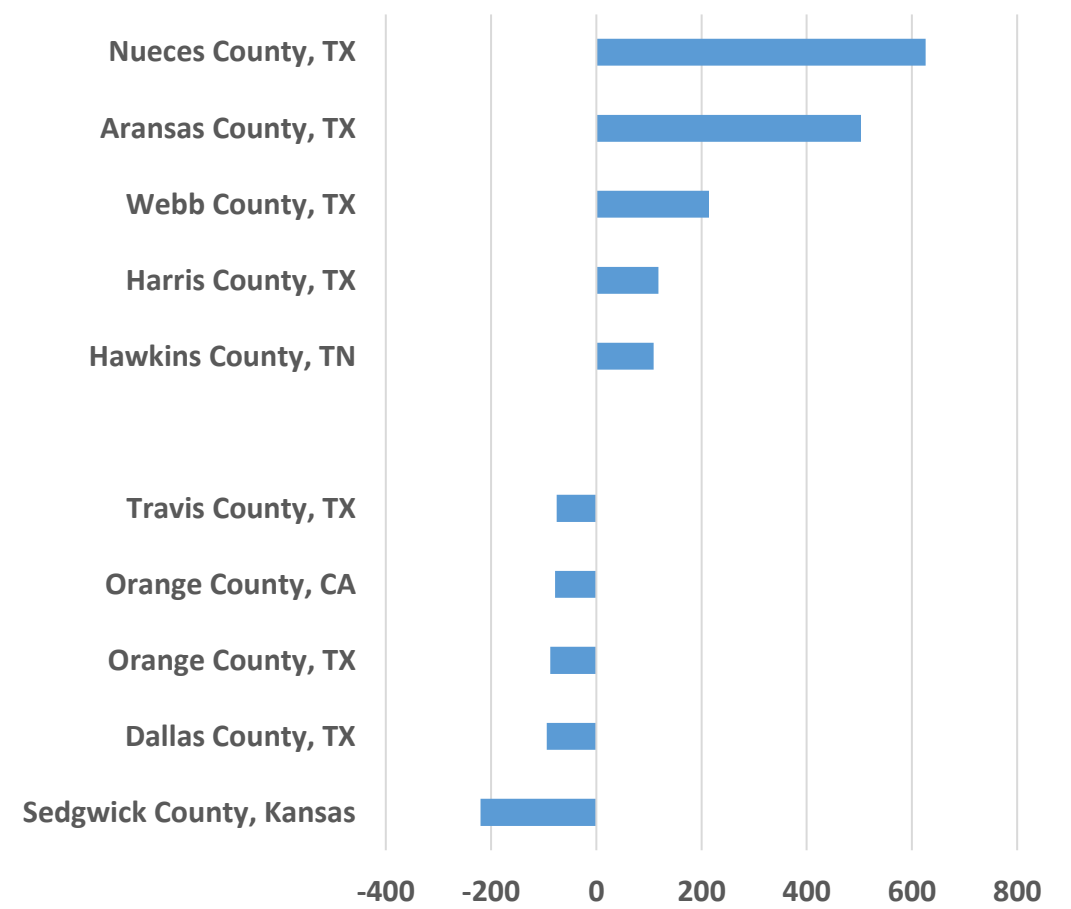


Estimated Net Domestic Migrants Between Counties, 2015-2019

Nueces County

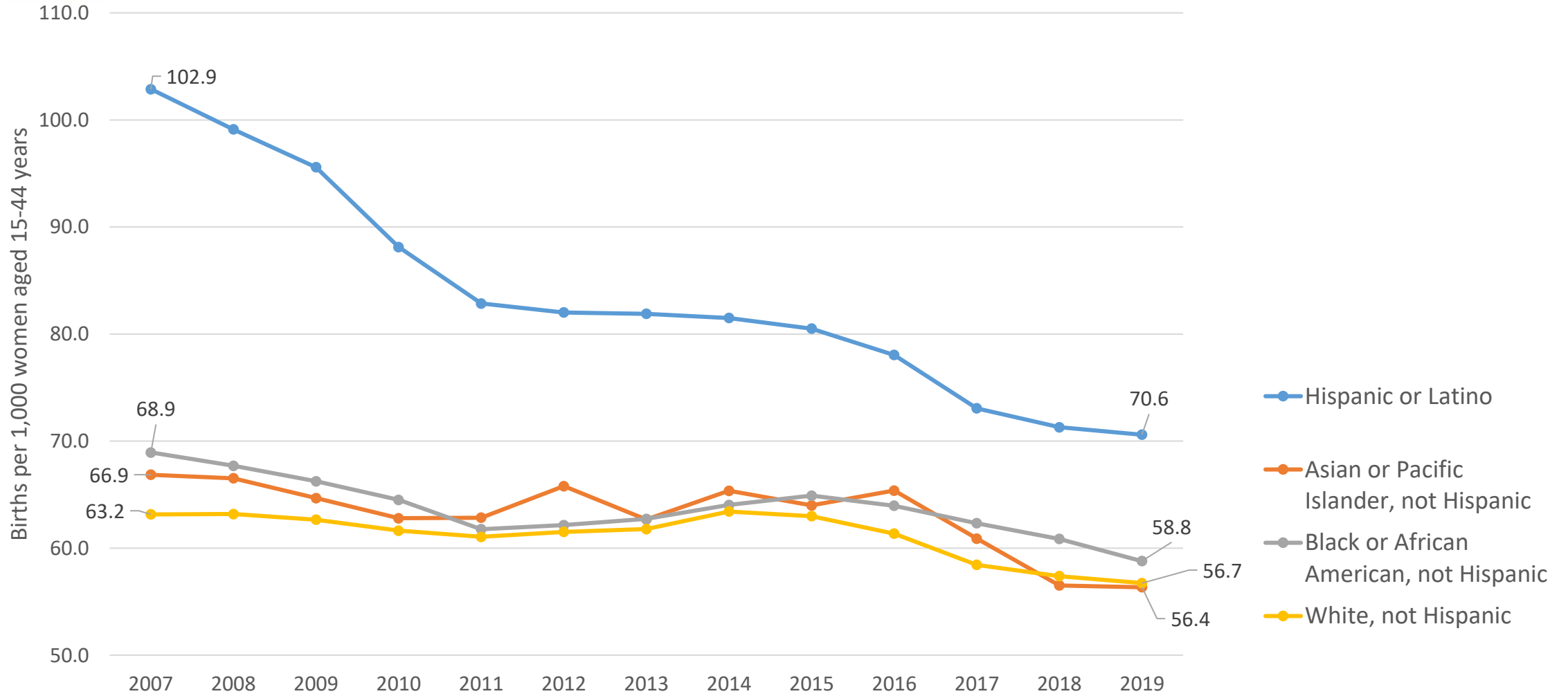


San Patricio County





Texas Birth Rates, 2007-2019



SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics.



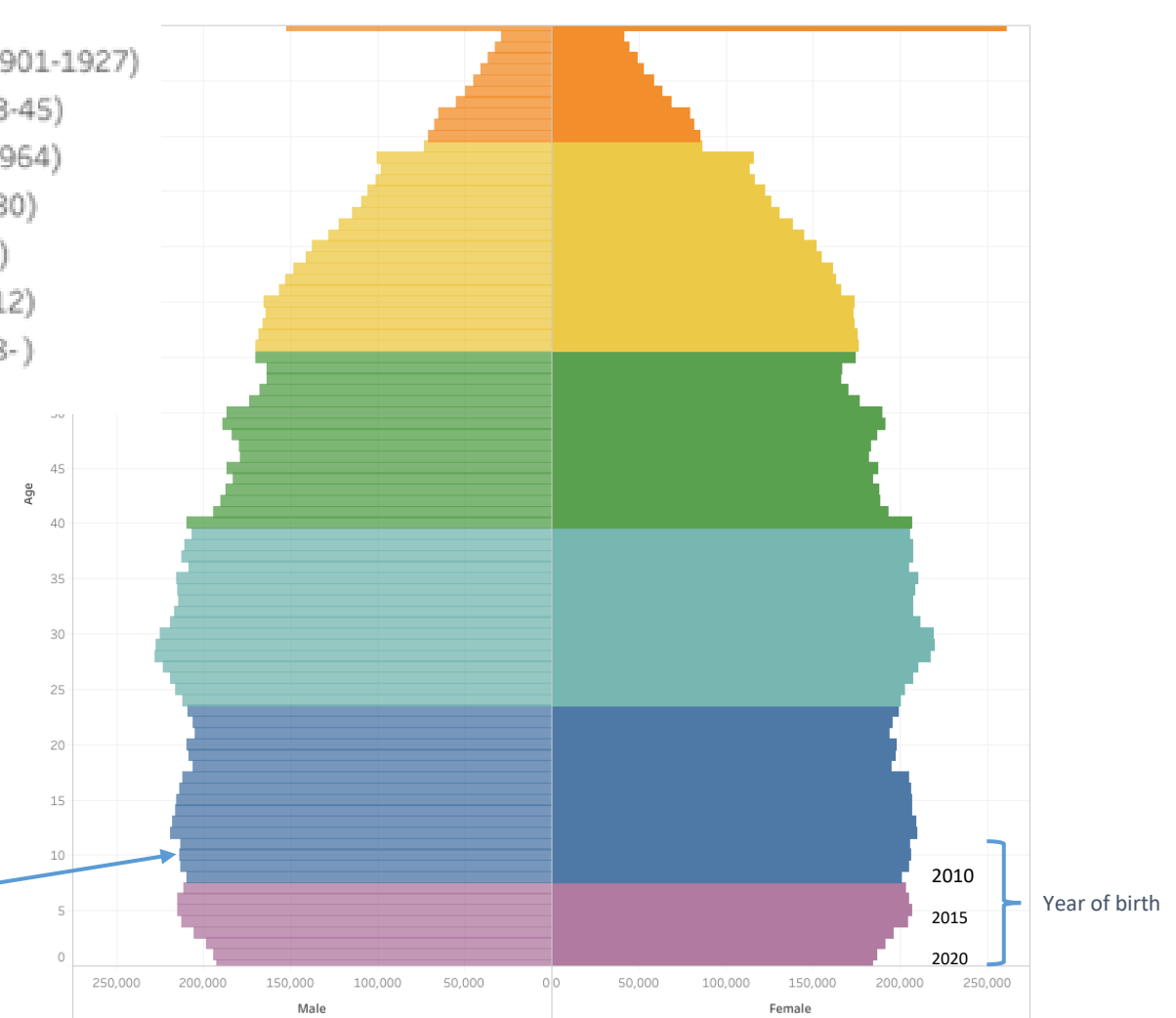
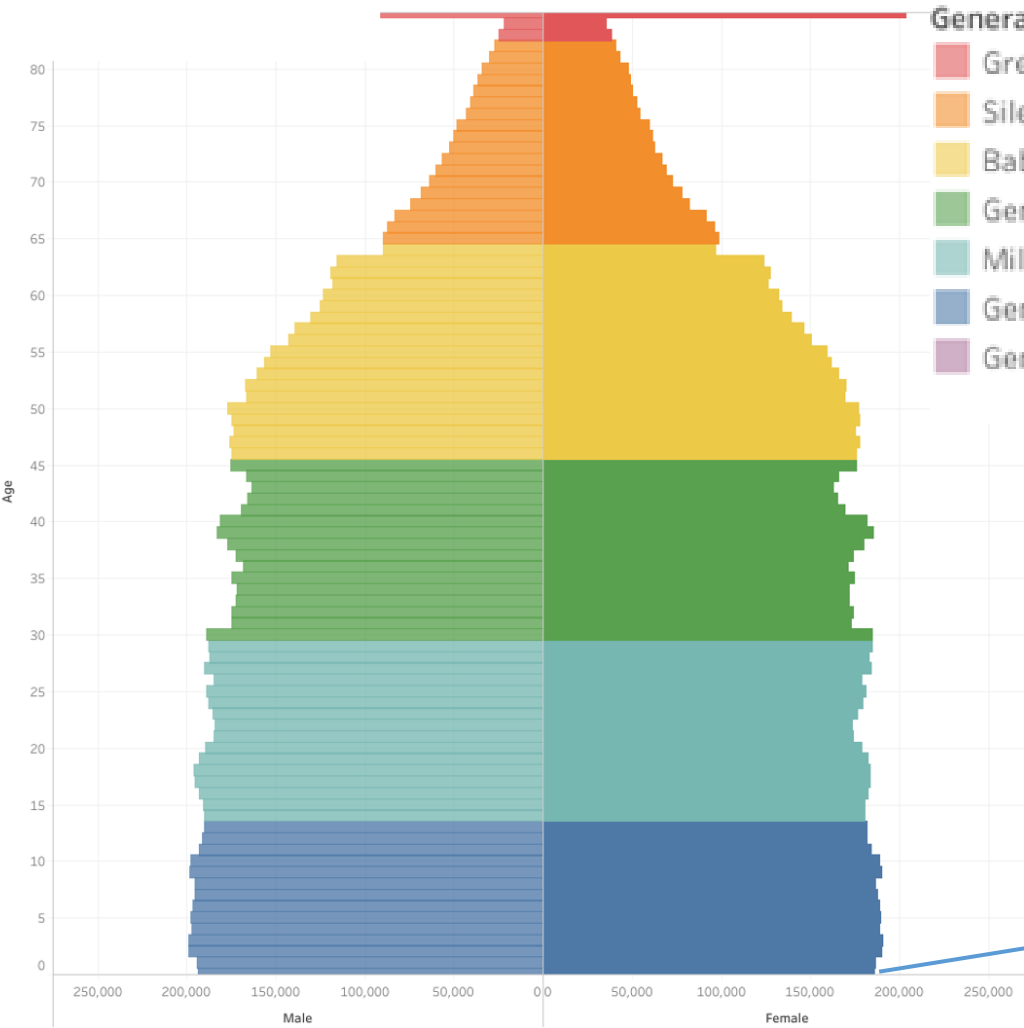
Generational Population Pyramids, Texas, 2010 and 2020

Texas Population Pyramids 2010-2020

2010

2020

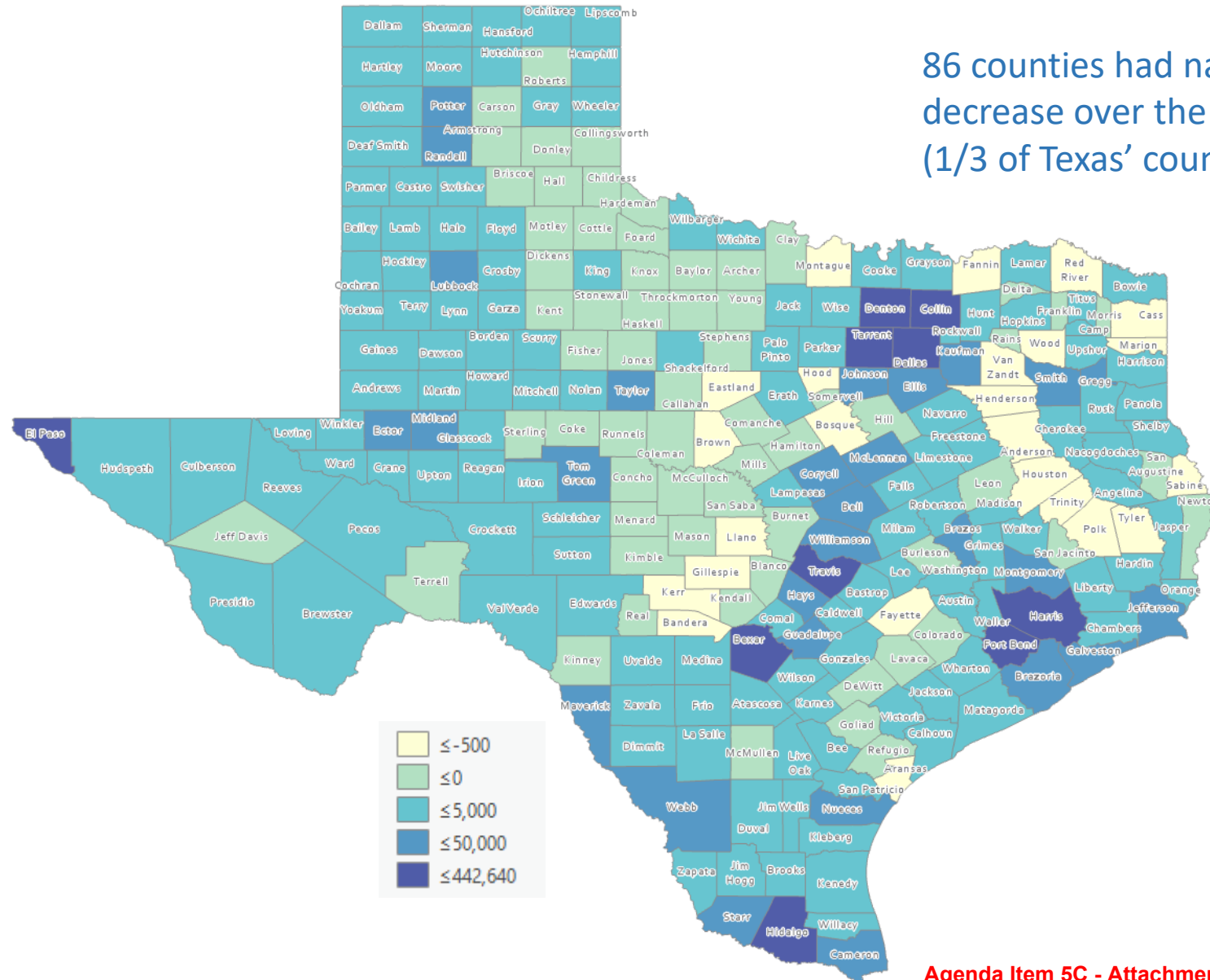
- Generation**
- Greatest Generation (1901-1927)
 - Silent Generation (1928-45)
 - Baby Boomers (1946-1964)
 - Generation X (1965-1980)
 - Millennials (1981-1996)
 - Generation Z (1997-2012)
 - Generation Alpha (2013-)



SOURCE: U.S. Census Bureau. 2010 and 2020 Vintage Population Estimates



Estimated Natural Increase (Decrease), Texas Counties, 2010-2020



86 counties had natural decrease over the decade (1/3 of Texas' counties)



TDC Population Projection Illustration

Population 2020 (Ages 0 to 95+)

-
DEATHS [= Base Population * Projected Death Rates]

+

NET MIGRANTS [= Base Population * Constant Migration Rates]

AGE +1 →

Population 2021
(Ages 1 to 95+)

+

BIRTHS [= Women 15 -49 * Projected Fertility rates (ASFR)] →

Population 2021
(Age 0)

Projected Population 2021 (Ages 0 to 95+)

Recent TDC Projections:

Vintage 2014:

1.0 Mig: 2000-2010

0.5 Mig: half of 2000 -2010

Vintage 2018:

1.0 Mig: 2010-2015

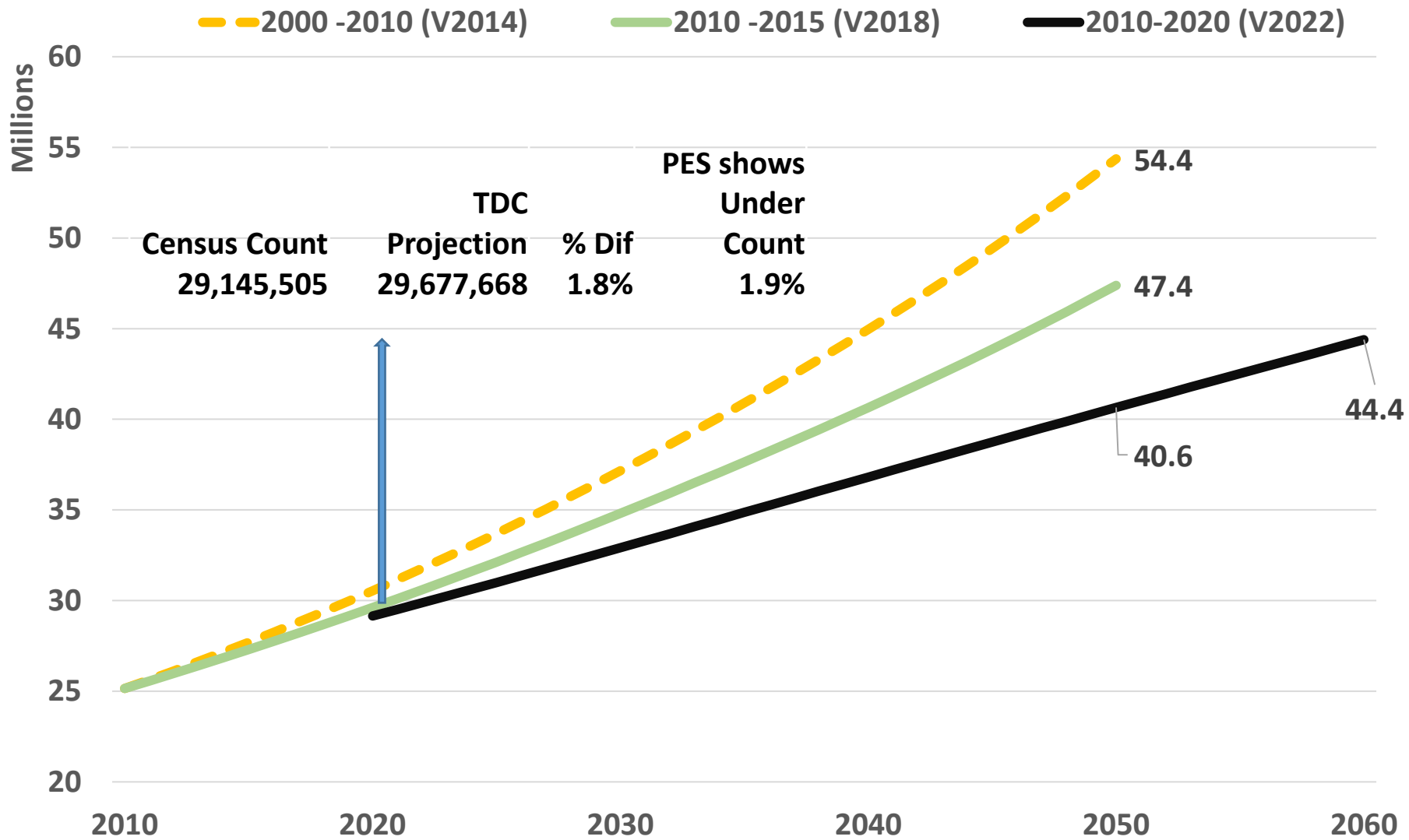
Vintage 2022:

1.0 Mig: 2010-2020

0.5 Mig: half of 2010-2020



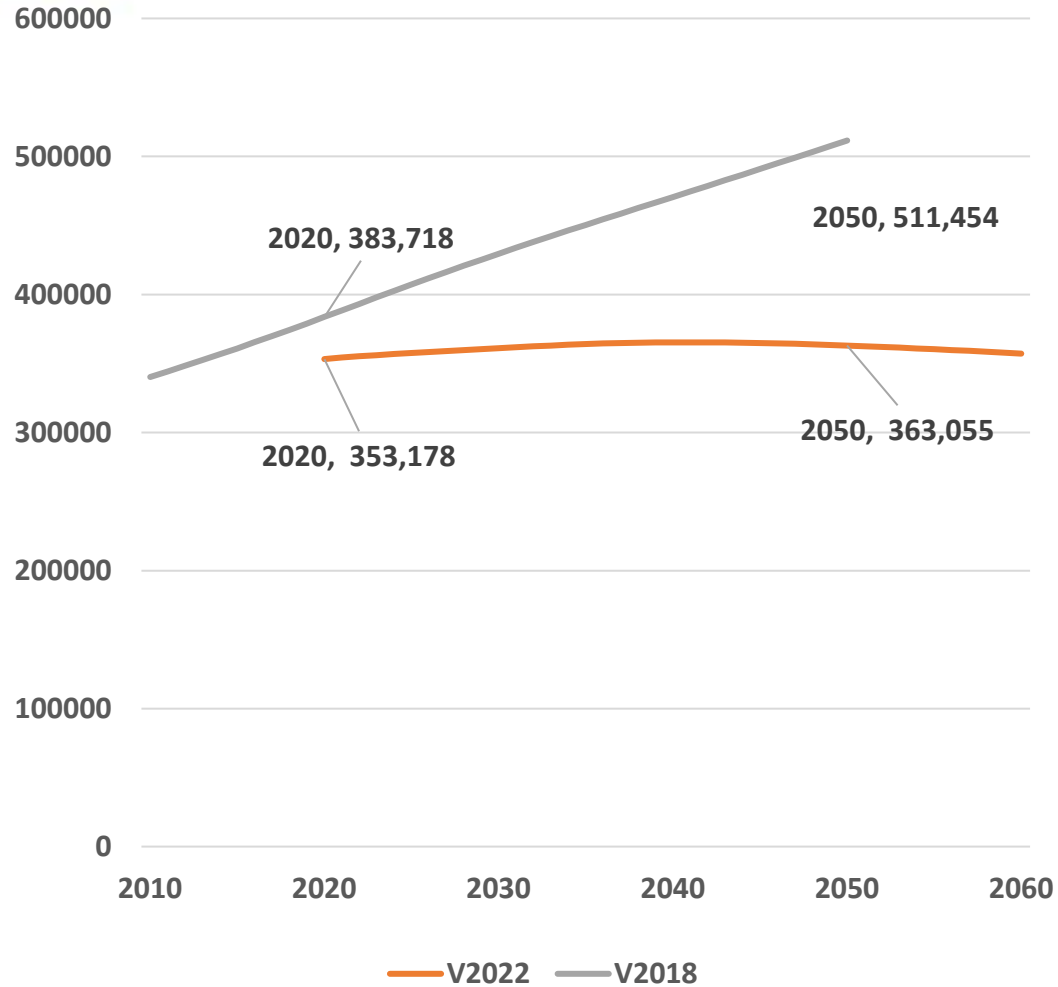
Projected Population Growth in Texas with Various Migration Scenarios



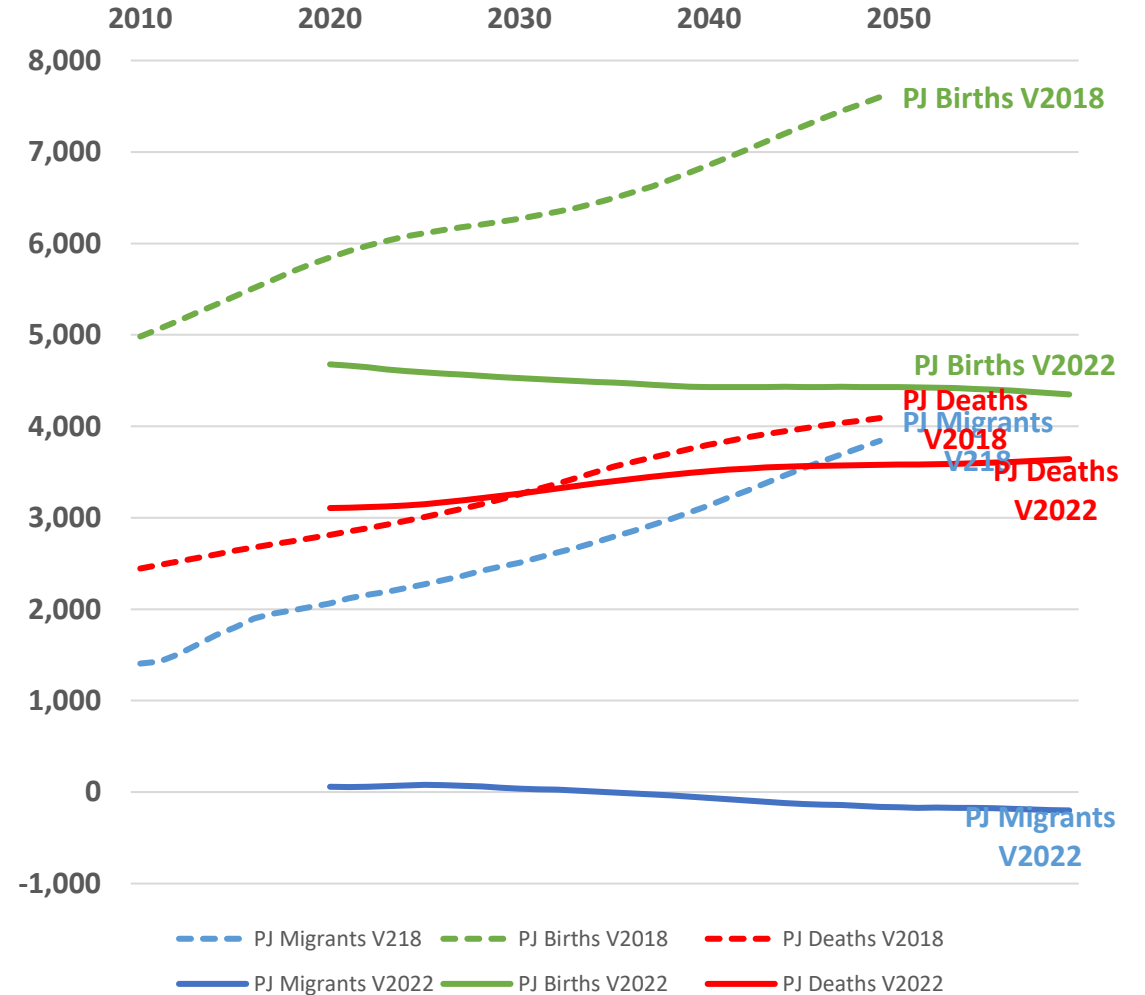


Projected Population Change, Nueces County

Projected Population, Nueces



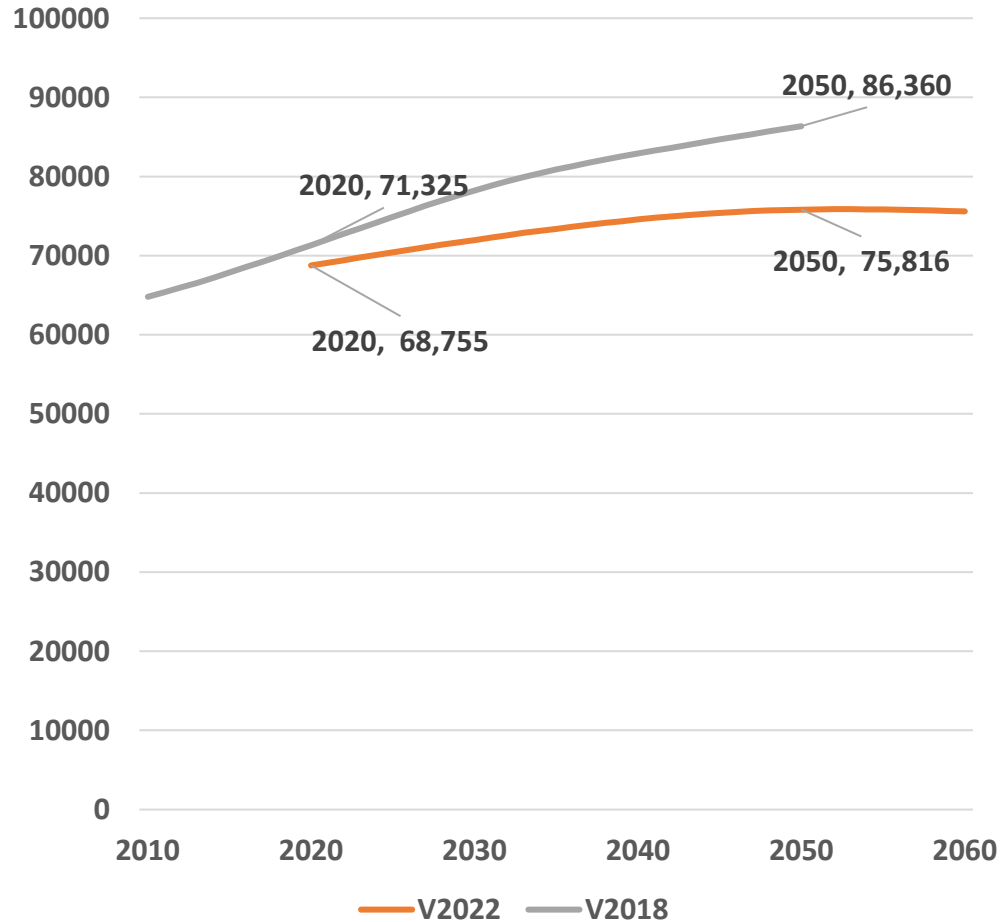
Projected Components of Change, Nueces



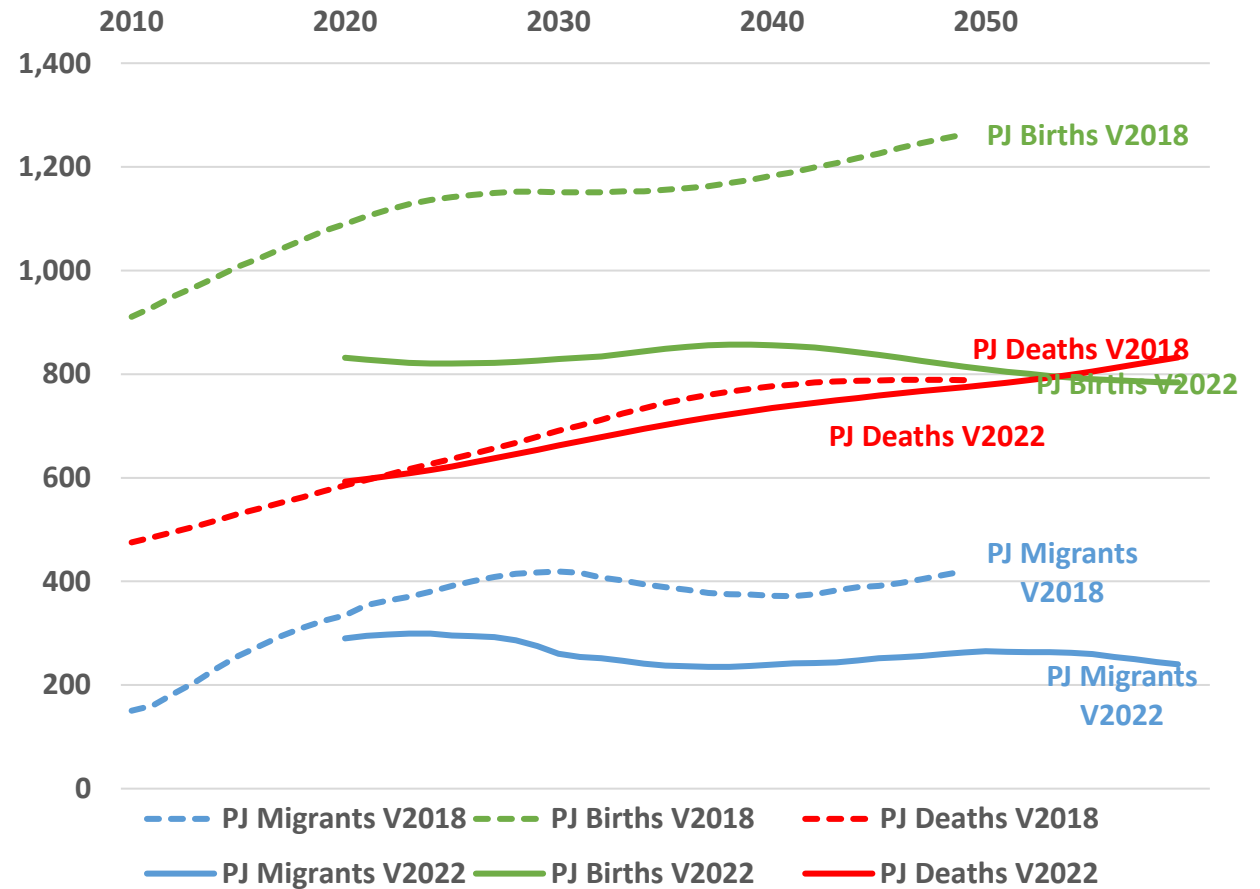


Projected Population Change, San Patricio County

Projected Population, San Patricio County

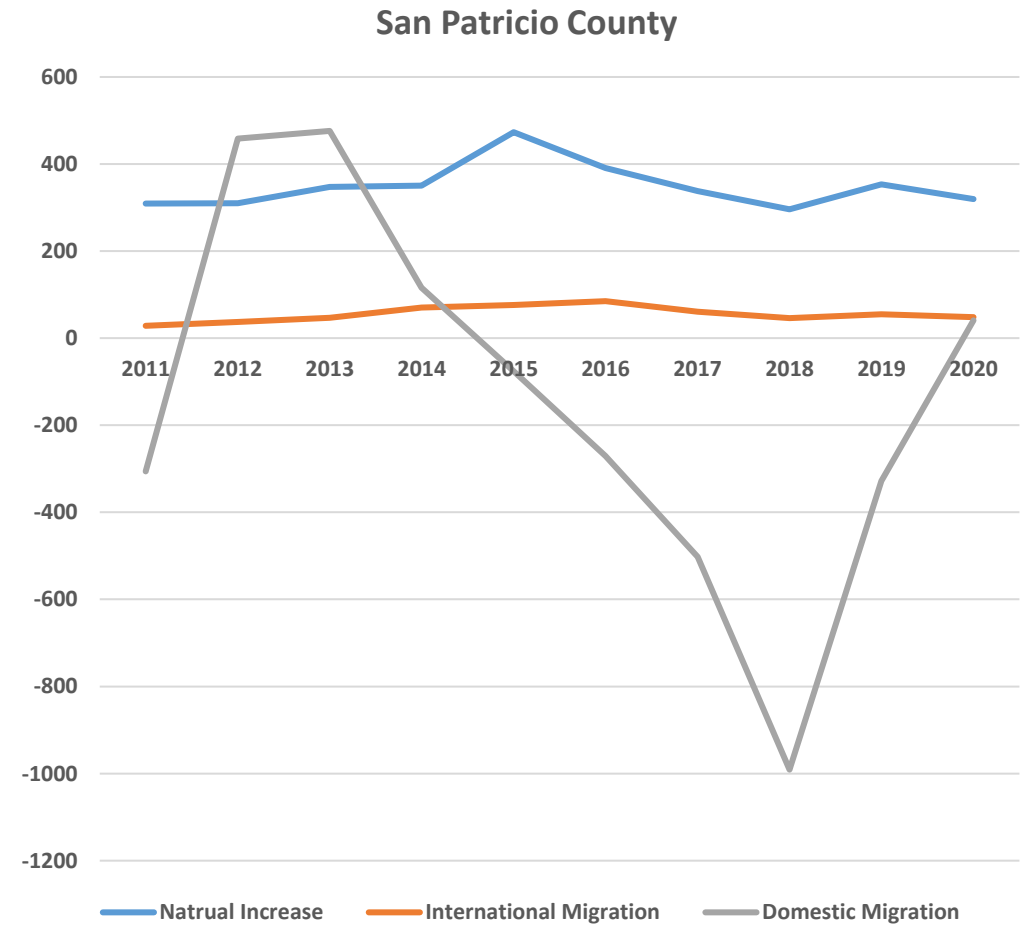
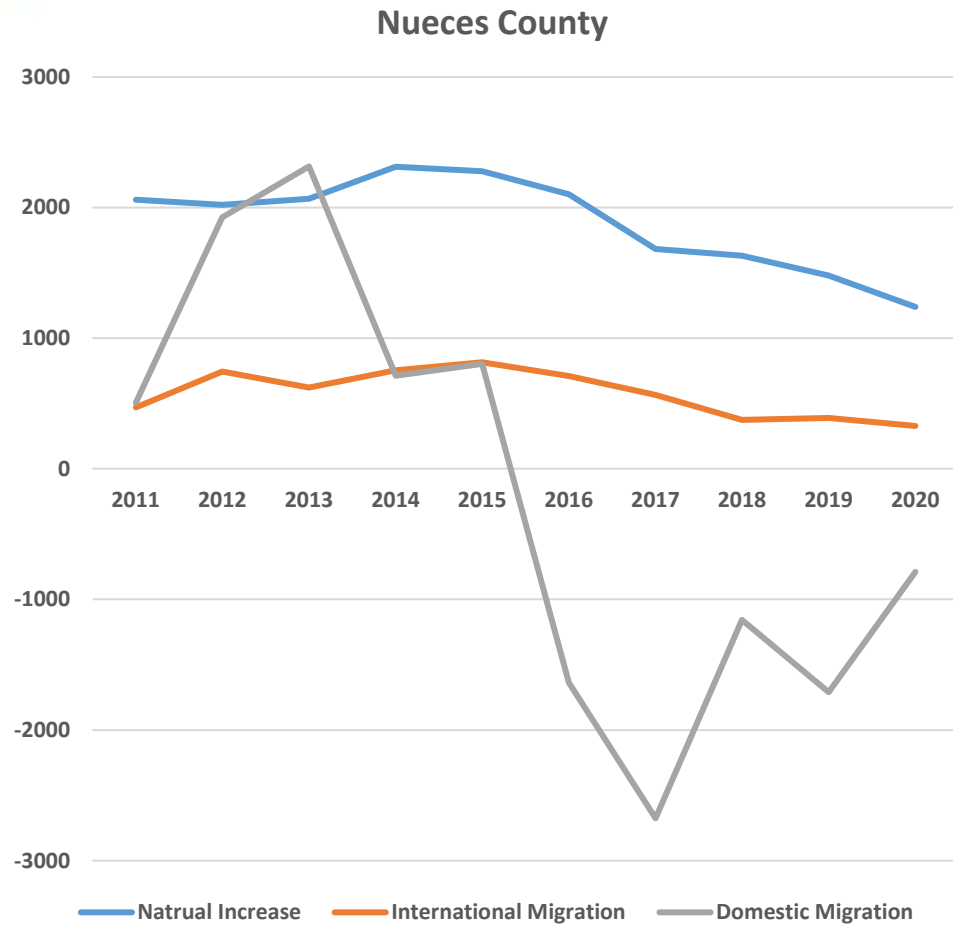


Projected Components of Change, San Patricio County





Census Bureau Estimated Components of Population Change Nueces County and San Patricio County, 2010-2020





https://demographics.texas.gov/Data/Decennial/2020/#redistricting-tile

P.L. 94-171 Redistricting Data Summary

Public Law (P.L.) 94-171, enacted by Congress in December 1975, requires the Census Bureau to provide states the opportunity to identify the small area geography for which they need data in order to conduct legislative redistricting. The law also requires the U.S. Census Bureau to furnish tabulations of population to each state, including for those small areas the states have identified, within one year of Census day.

United States[®]
Census 2020 U.S. Census

Quick Links

- [Legacy Format Summary Files](#)
- [Technical Documentation - State](#)
- [Technical Documentation - National](#)
- [Data Maps \(pdf format\)](#)
- [more...](#)

TEXAS DEMOGRAPHIC CENTER
Tx Demographic Center

Texas Area Data Files

Total Population, Housing Unit, and Group Quarter Data by Area

Select File

Voting Population Data by Area

Select File

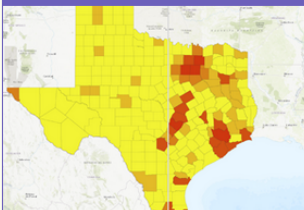
Visualizations

Interactive Data Tool



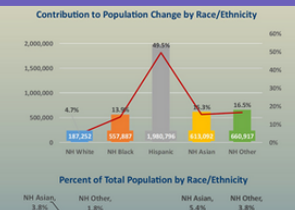
Redistricting Data for Texas
Places, 2000-2020

Interactive Map



Redistricting Data for Texas,
2010-2020 Swipe Maps

Infographic



Who Contributed to Texas'
Population Growth?
2010-2020

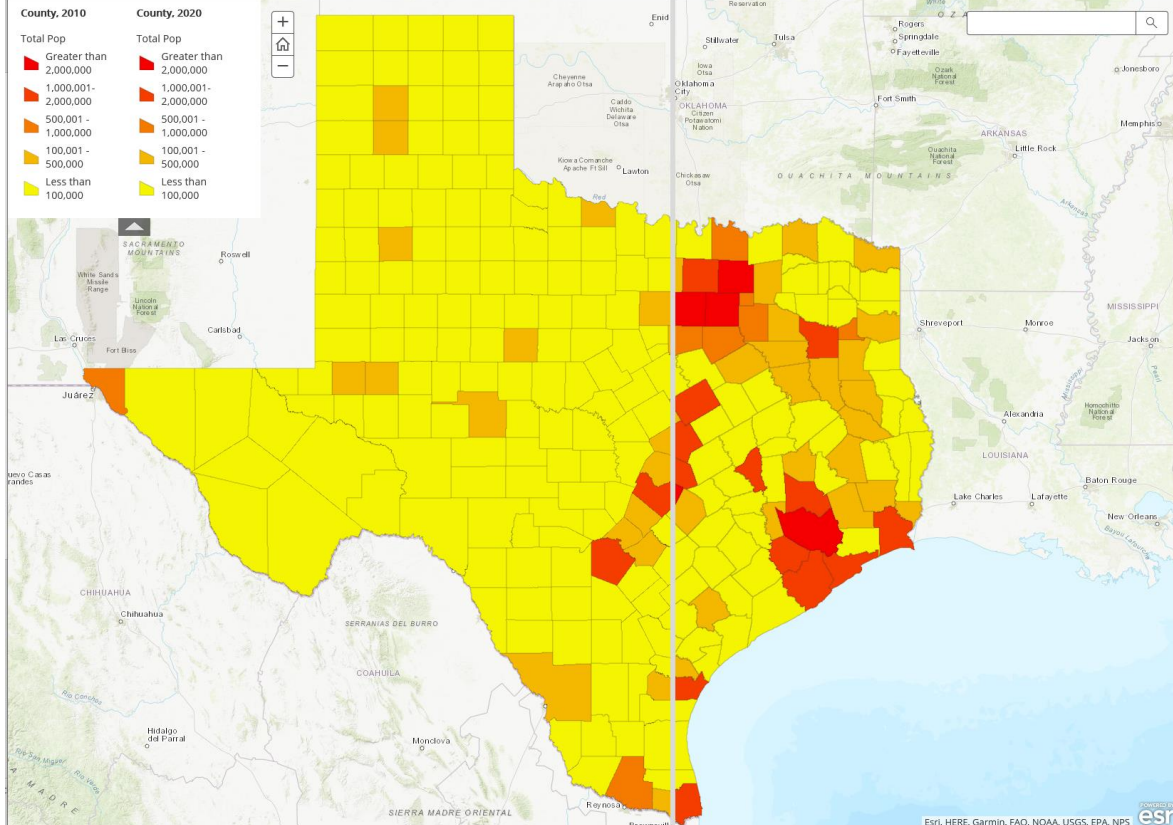
Redistricting Data for Texas, 2010-2020

Source: U.S. Census Bureau, Decennial Census P.L. 94-171 Redistricting Data.
Note: Swipe from left to right to highlight changes in population from 2010-2020.
Zoom in to see county, tract, block group and block level data. Click on the map to learn more.

Total Population Percent Hispanic Percent NH Black Percent NH White Percent NH Asian Percent NH Other Race

Total Population, 2010-2020

Texas Counties, Census Tracts, Block Groups and Blocks





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(210) 458-6530



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Demographics.Texas.gov

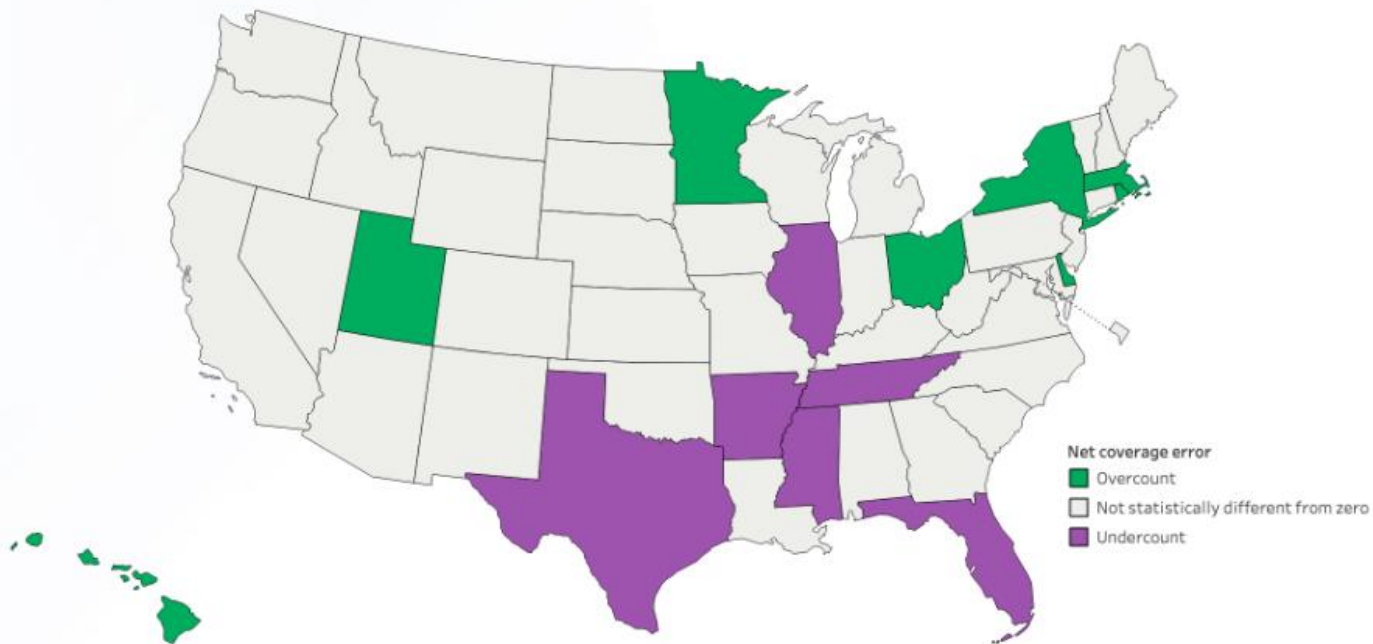


@TexasDemography



2020 Post-Enumeration Survey ⁱ

Census count for Post-Enumeration Survey universe: 323,200,000
Net coverage error estimate (%): -0.24
90 percent confidence interval: (-0.65, 0.17)



Note: Post-Enumeration Survey (PES) estimates are subject to sampling and nonsampling errors. The PES universe does not include people living in group quarters. More information regarding data collection, definitions, sampling error, nonsampling error, and estimation methodology is available at the [Post-Enumeration Surveys](#) site.

May 19, 2022

Source: U.S. Census Bureau,
2020 Post-Enumeration Survey
(May 2022 release)

Agenda Item 5C - Attachment 4

United States
Census
2020



States With an Undercount or Overcount

Undercount

State	Net coverage error rate	
	Rate	90 percent confidence interval
Arkansas	-5.04	-8.68 to -1.40
Florida	-3.48	-4.98 to -1.98
Illinois	-1.97	-3.43 to -0.51
Mississippi	-4.11	-6.79 to -1.43
Tennessee	-4.78	-7.26 to -2.30
Texas	-1.92	-3.27 to -0.57

Overcount

State	Net coverage error rate	
	Rate	90 percent confidence interval
Delaware	5.45	0.81 to 10.09
Hawaii	6.79	4.03 to 9.55
Massachusetts	2.24	0.50 to 3.98
Minnesota	3.84	2.24 to 5.44
New York	3.44	1.89 to 4.99
Ohio	1.49	0.39 to 2.59
Rhode Island	5.05	2.70 to 7.40
Utah	2.59	0.57 to 4.61

May 19, 2022

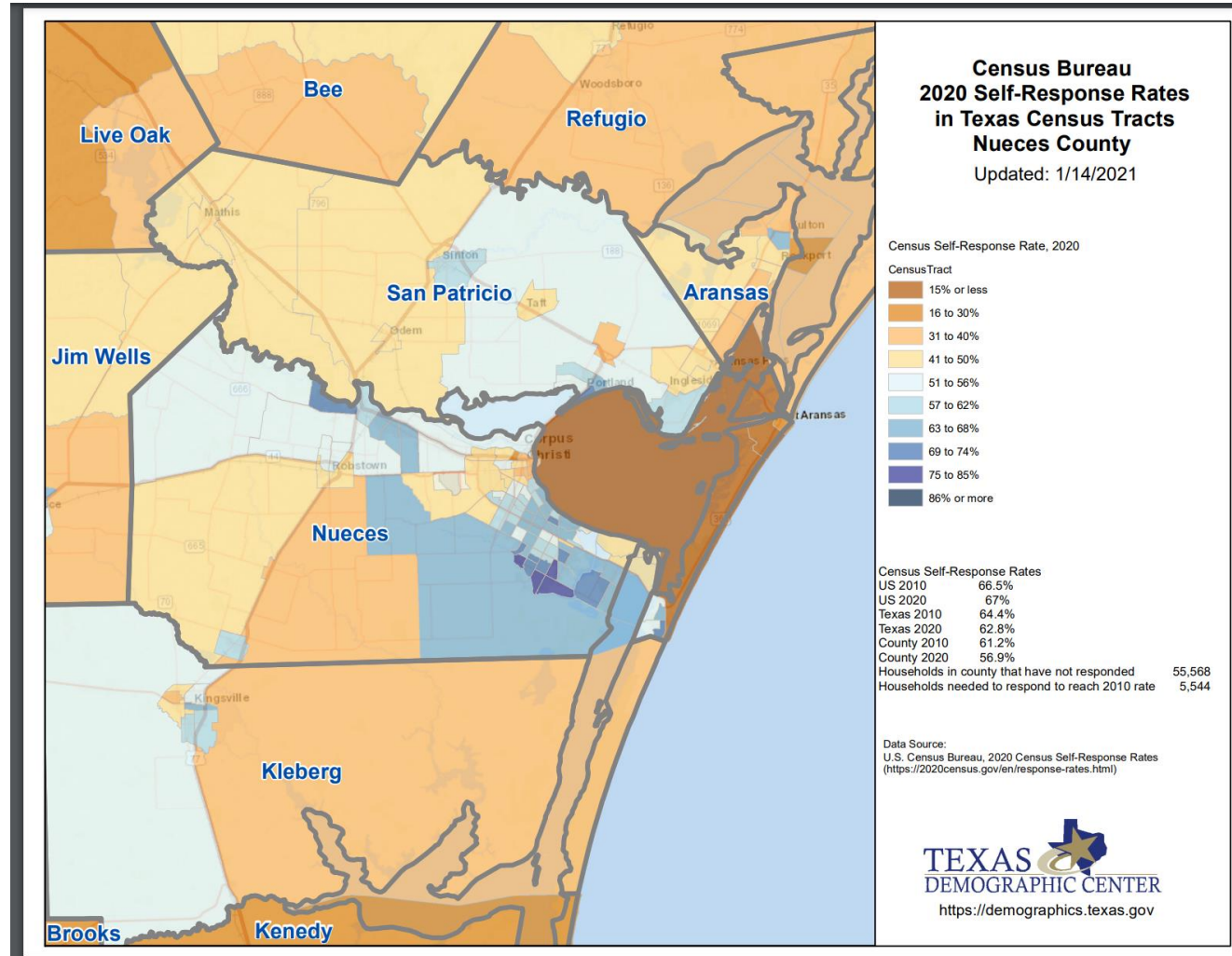
Texas had an undercount of -0.97 in 2010 (not statistically different from 0)

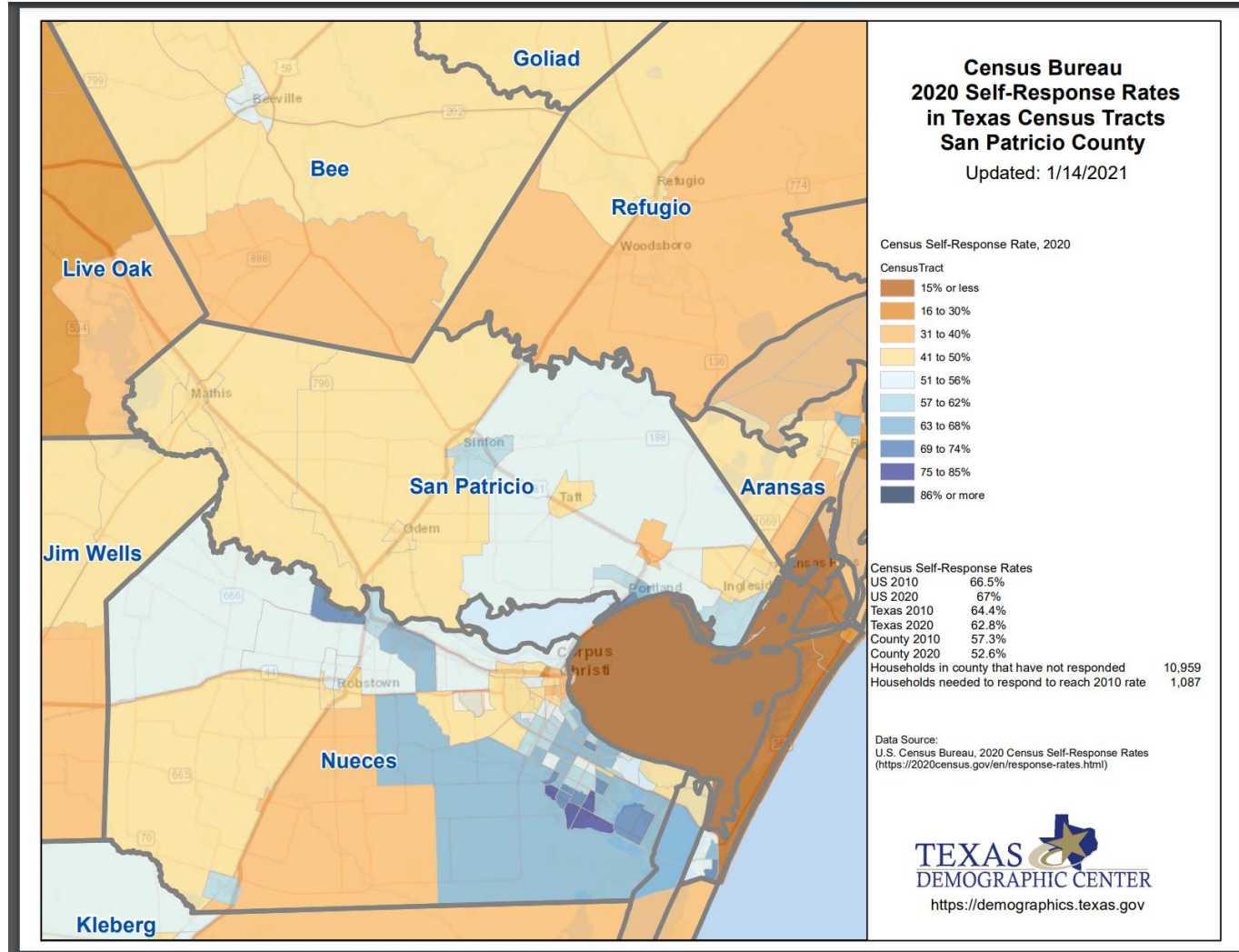


Percent Net Coverage Error by Race and Hispanic Origin: 2010 and 2020

Race or Hispanic Origin	2010	2020	Is there a significant difference between 2020 and 2010?
Total	0.01	-0.24	
Race alone or in combination			
White	0.54*	0.66*	No
Non-Hispanic White alone	0.83*	1.64*	Yes
Black or African American	-2.06*	-3.30*	No
Asian	0.00	2.62*	Yes
American Indian or Alaska Native	-0.15	-0.91*	No
On Reservation	-4.88*	-5.64*	No
American Indian Areas Off Reservation	3.86	3.06	No
Balance of the United States	0.05	-0.86*	No
Native Hawaiian or Other Pacific Islander	-1.02	1.28	No
Some Other Race	-1.63*	-4.34*	Yes
Hispanic or Latino	-1.54*	-4.99*	Yes

*Net coverage error is statistically significantly different from 0.







Date: May 4, 2023
To: Transportation Policy Committee (TPC)
From: Robert MacDonald, Transportation Planning Director
Subject: Item 5D: Corpus Christi MPO Regional Coordination Group for Federal Transportation Grants Update
Action: Review and Discuss Grant Proposals and Coordination

Summary

The Corpus Christi MPO staff continues to present an agenda item at Regular TAC meetings to serve as the focus for the Regional Coordination Group. The TAC members and Corpus Christi MPO staff are welcome to invite other local staff members of the agencies related to transportation project and program delivery in our region. We encourage all those to attend the TAC meeting to provide their input to the specific federal transportation grants being proposed and identified for future submittals over the remaining four years of these transportation grants. The Corpus Christi MPO staff will inform the TPC and TAC of available grant opportunities whenever these become available and ask for their comments and directions as part of the regional coordination efforts.

This month, the Notice of Funding Opportunity **for Reduction of Truck Emissions at Port Facilities Grant Program (RTEPF)** (see Attachment 1) and Promoting Resilient Operations, and Transformative, Efficient, and Cost-Saving Transportation Program (**PROTECT**) (see Attachment 2) are highlighted.

RTEPF Grants: The BIL establishes the **Reduction of Truck Emissions at Port Facilities (RTEPF)** program to study and provide grants to reduce idling at port facilities, including through the electrification of port operations. **Eligible Research Activities include:**

- study how ports and intermodal port transfer facilities would benefit from increased opportunities to reduce emissions at ports, including through the electrification of port operations;
- study emerging technologies and strategies that may help reduce port-related emissions from idling trucks; and
- coordinate and provide funding to test, evaluate, and deploy projects that reduce port-related emissions from idling trucks, including through the advancement of port electrification and improvements in efficiency, focusing on port operations, including heavy-duty commercial vehicles, and other related projects.
- The Secretary shall award grants to fund projects that reduce emissions at ports, including through the advancement of port electrification.

PROTECT Grants: The BIL establishes the **Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT)** Formula Program to help make surface transportation more resilient to natural hazards, including climate change, sea level rise, flooding, extreme weather events, and

other natural disasters through support of planning activities, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure. Eligible Activities include:

- **Planning Activities** limited to developing a Resilience Improvement Plan; Resilience planning, predesign, design, or the development of data tools to simulate transportation disruption scenarios, including vulnerability assessments; technical capacity building to facilitate the ability of the State to assess the vulnerabilities of its surface transportation assets and community response strategies under current conditions and a range of potential future conditions; or evacuation planning and preparation;
- **Resilience Improvements** to improve the ability of an existing surface transportation asset to withstand one or more elements of a weather event or natural disaster, or to increase the resilience of surface transportation infrastructure from the impacts of changing conditions, such as sea level rise, flooding, wildfires, extreme weather events, and other natural disasters;
- **Community Resilience and Evacuation Route activities** that strengthen and protect evacuation routes that are essential for providing and supporting evacuations caused by emergency events, including: resilience improvements if they will improve evacuation routes, and projects to ensure the ability of the evacuation route to provide safe passage during an evacuation and reduce the risk of damage to evacuation routes as a result of future emergency events; or
- **At-Risk Coastal Infrastructure activities** to strengthen, stabilize, harden, elevate, relocate or otherwise enhance the resilience of highway and non-rail infrastructure, including: bridges, roads, pedestrian walkways, and bicycle lanes, and associated infrastructure, such as culverts and tide gates to protect highways that are subject to, or face increased long-term future risks of, a weather event, a natural disaster, or changing conditions, including coastal flooding, coastal erosion, wave action, storm surge, or sea level rise, in order to improve transportation and public safety and to reduce costs by avoiding larger future maintenance or rebuilding costs.

Federal Grant Results

No results have been updated from the federal awards since the April 6, 2023, TPC meeting.

Members and Discussion Topics

The TAC members represent the Corpus Christi MPO's local governments and agencies and continues to serve as the Regional Coordination Group for Federal Transportation Grants. Other targeted participants would be local government and agency staff members with expertise in the specific transportation grant or in coordination activities between local entities. Additional staff from private sector partners, industry, and non-profit organizations involved in transportation project and program development may also be invited for specific grant discussions.

The current focus areas of the discussions are to continue to:

- Report the results of the various project and program submittals to the state and federal selection processes. The attached Summary Table identifies the awards in Texas and in our Region. See the Summary Table of Regional IJJA Grant Submittals, Deadlines and Awards in Attachment 3,
- Identify opportunities and recommend actions for leveraging and coordinating regional resources from various disciplines to maximize the successful application and award of grants for transportation projects and programs,
- Recommend action for cooperation by local government and agency staff in the development of the Regional Transportation Projects or Programs to be submitted to the federal or state processes,
- Promote the implementation of priority projects and programs already identified in the regional Corpus Christi MPO's 25-year, 2020-2045 Metropolitan Transportation Plan (2045 MTP),

- Share information on regional transportation project and program submissions to the federal and state processes.

Recommendation

None. This is an information item for the TPC.

Proposed Motion

None. This is an information item for discussion, comment, and possible coordination.

Attachments:

1. Notice of Funding Opportunity for **Reduction of Truck Emissions at Port Facilities Grant Program (RTEPF)**
2. Notice of Funding Opportunity for **Promoting Resilient Operations, and Transformative, Efficient, and Cost-Saving Transportation Program (PROTECT)**
3. Corpus Christi MPO FY 2023 Competitive Grant **Summary Table**



693JJ323NF00005

Reduction of Truck Emissions at Port Facilities Grant Program

Department of Transportation

DOT Federal Highway Administration

GENERAL INFORMATION

Document Type:	Grants Notice
Funding Opportunity Number:	693JJ323NF00005
Funding Opportunity Title:	Reduction of Truck Emissions at Port Facilities Grant Program
Opportunity Category:	Discretionary
Opportunity Category Explanation:	
Funding Instrument Type:	Grant
Category of Funding Activity:	Transportation
Category Explanation:	
Expected Number of Awards:	35
CFDA Number(s):	20.205 -- Highway Planning and Construction
Cost Sharing or Matching Requirement:	Yes

Version:	Synopsis 2
Posted Date:	Apr 27, 2023
Last Updated Date:	Apr 27, 2023
Original Closing Date for Applications:	Jun 26, 2023
Current Closing Date for Applications:	Jun 26, 2023
Archive Date:	Jul 26, 2023
Estimated Total Program Funding:	\$160,000,000
Award Ceiling:	\$160,000,000
Award Floor:	\$0

ELIGIBILITY

Eligible Applicants:	Others (see text field entitled "Additional Information on Eligibility" for clarification)
Additional Information on Eligibility:	Eligible applicants for RTEPF Grant Program funds are entities that 1) have authority over, operate, or utilize port facilities and/or intermodal port transfer facilities, 2) have authority over areas within or adjacent to ports and intermodal port transfer facilities, or 3) will test and/or evaluate technologies that reduce truck emissions at port facilities and/or intermodal port transfer facilities. Multiple eligible entities that submit a joint application should identify a lead applicant as the primary point of contact and recipient for purposes of financial administration of the project. Joint applications should include a description of the roles and responsibilities of each applicant and should be signed by each applicant. For both individual applications and joint applications, it is strongly encouraged that the applicant responsible for financial administration of the project be familiar with the requirements associated with managing Federal assistance projects.

ADDITIONAL INFORMATION

Agency Name: DOT Federal Highway Administration

Description:

GENERAL

The FHWA is hereby accepting applications to result in the award of new grants, under the "Reduction of Truck Emissions at Port Facilities Grant Program." This NOFO will result in the distribution of up to \$160 million, which represents the combined amounts authorized for this program for fiscal years 2022 and 2023. The actual amount available to be awarded under this notice will be subject to the availability of funds. The assistance listing number for this funding opportunity is 20.205, Highway Planning and Construction.

PURPOSE

The RTEPF Grant Program is a new discretionary grants program aimed at funding projects that reduce port-related emissions from idling trucks, including the advancement of port electrification and improvements in port operations efficiency.

ELIGIBLE PROJECT LOCATIONS

Eligible project locations for deployment projects using RTEPF Grant Program funds include areas within or adjacent to ports and intermodal port transfer facilities. Testing and evaluation projects can be conducted anywhere but must be focused on reducing truck emissions within or adjacent to ports and/or intermodal port transfer facilities. Intermodal port transfer facilities are facilities that handle the transfer of freight shipments between two or more modes of transportation. The goods are transported via shipping containers, truck trailers, or as bulk cargo, and are transferred between marine vessels and trucks, marine vessels and rail cars, or rail cars and trucks.

NOTE: Please refer to the "Related Documents" tab for the full text of the NOFO.

Additional information on this and other programs made available under the Bipartisan Infrastructure Law (BIL) can be found at the following link:

[Bipartisan Infrastructure Law Key Programs under the Federal Highway Administration Office of Operations - FHWA Operations \(dot.gov\)](#)

Link to Additional Information: See Related Documents

Grantor Contact Information: If you have difficulty accessing the full announcement electronically, please contact:

Ryan J Buck
Agreement Officer

Program Inbox





693JJ323NF00013

Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Program

Department of Transportation

DOT Federal Highway Administration

GENERAL INFORMATION

Document Type:	Grants Notice
Funding Opportunity Number:	693JJ323NF00013
Funding Opportunity Title:	Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Program
Opportunity Category:	Discretionary
Opportunity Category Explanation:	
Funding Instrument Type:	Grant
Category of Funding Activity:	Transportation
Category Explanation:	
Expected Number of Awards:	
CFDA Number(s):	20.205 -- Highway Planning and Construction
Cost Sharing or Matching Requirement:	Yes

Version:	Synopsis 9
Posted Date:	Apr 21, 2023
Last Updated Date:	Apr 21, 2023
Original Closing Date for Applications:	Aug 18, 2023
Current Closing Date for Applications:	Aug 18, 2023
Archive Date:	Sep 18, 2023
Estimated Total Program Funding:	\$848,000,000
Award Ceiling:	
Award Floor:	\$100,000

ELIGIBILITY

Eligible Applicants:	Others (see text field entitled "Additional Information on Eligibility" for clarification)
Additional Information on Eligibility:	The PROTECT Discretionary Grant Program provides broad applicant eligibility for all levels of government to be direct recipients of funds. States, MPOs, local governments, and Indian Tribes can apply directly to FHWA. A Federal land management agency may be eligible if the agency applies jointly with a State or group of States. (See Section C for a complete list of eligible entities). FHWA encourages all eligible entities regardless of size, location, and experience administering Federal funding awards to apply for Federal assistance for Planning Grants and Resilience Grants under this NOFO.

ADDITIONAL INFORMATION

Agency Name: DOT Federal Highway Administration

Description: Section 11405 of the Bipartisan Infrastructure Law (BIL), enacted as the Infrastructure Investment and Jobs Act (Pub. L. 117-58, Nov. 15, 2021), established the PROTECT Formula and Discretionary Grant programs, which are codified at 23 U.S.C. § 176. The purpose of the PROTECT Formula and Discretionary Grant programs is to plan for and strengthen surface transportation to be more resilient to natural hazards, including climate change, sea level rise, flooding, extreme weather events, and other natural disasters through formula and competitive discretionary grants. FHWA issued guidance for the formula portion of PROTECT in July 2022. This NOFO is for the discretionary portion of PROTECT. It will result in the distribution of up to \$848 million for the PROTECT Discretionary Grant Program through a competitive discretionary grant process.[1] FHWA intends to hold future solicitations for funding available in FY 2024-2026.

The vision of the PROTECT Discretionary Grant Program is to fund projects that address the climate crisis by improving the resilience of the surface transportation system, including highways, public transportation, ports, and intercity passenger rail. Projects selected under this program should be grounded in the best available scientific understanding of climate change risks, impacts, and vulnerabilities. They should support the continued operation or rapid recovery of crucial local, regional, or national surface transportation facilities. Furthermore, selected projects should utilize innovative and collaborative approaches to risk reduction, including the use of natural infrastructure, which is explicitly eligible under the program. Also called nature-based solutions, these strategies include conservation, restoration, or construction of riparian and streambed treatments, marshes, wetlands, native vegetation, stormwater bioswales, breakwaters, reefs, dunes, and shade trees. They reduce flood risks, erosion, wave damage, and heat impacts while also creating habitat, filtering pollutants, and providing recreational benefits. Projects in the PROTECT Discretionary Grant Program have the potential to demonstrate innovation and best practices that State and local governments in other parts of the country can consider replicating.

By funding projects that improve resilience to natural hazards and climate change impacts, the PROTECT Discretionary Grant Program aims to reduce damage and disruption to the transportation system, improve the safety of the traveling public, and improve equity by addressing the needs of disadvantaged populations that are often the most vulnerable to hazards. FHWA will seek to award projects to communities that demonstrate a strong need for the funding; the program includes set asides for rural communities and Indian Tribes.

[1] Funding for the PROTECT Discretionary Grants Program comes from two sources: 1) funding authorized as contract authority from the Highway Trust Fund, and 2) funding appropriated from the General Fund in annual appropriations acts. Funding authorized from the Highway Trust Fund is reduced based on the imposition of the obligation limitation contained in the annual appropriations acts. The BIL authorized \$250 million annually from the Highway Trust Fund for FY 2022 and FY 2023. An additional \$400 million was appropriated in FY 2022 and FY 2023 as shown in detail in Section B. Currently, \$300 million is authorized annually for FYs 2024, 2025, and 2026.

See related documents tab for the full text of the NOFO.

Link to Additional Information: PROTECT Program Website

Grantor Contact Information: If you have difficulty accessing the full announcement electronically, please contact:

Robert S Miller
Agreement Specialist

PROTECT Program Inbox



Corpus Christi MPO FY 2023 Competitive Grant Summary Table

<https://www.transportation.gov/bipartisan-infrastructure-law/key-notices-funding-opportunity>

Program	Description	Eligible Entity	2023 Deadline
Transportation Safety, Equity, Resilience & Other			
Rebuilding American Infrastructure with Sustainability and Equity (RAISE)	Provides grants for surface transportation infrastructure projects that will have a significant local or regional impact (aka Local and Regional Project Assistance).	State, MPO, Local Government	2/28/2023
Nationally Significant Multimodal Freight and Highway Projects (INFRA)	Provides grants for multimodal freight and highway projects of national or regional significance.	State, MPO, Local Government, FLMA	Spring 2023 (TBA)
Bridge Investment Program	Provides grants for projects to improve the condition of bridges and culverts and the safety, efficiency, and reliability of the movement of people and freight over bridges.	State, MPO, Local Government, FLMA	Summer 2023 (TBA)
Natural Gas Distribution Infrastructure Safety and Modernization Program	Repair, rehabilitate, or replace the natural gas distribution pipeline systems	Local Governments or Community Owned Utility	March/April 2023 (TBA)
Safe Streets and Roads for All	Provides grants to support local initiatives to prevent transportation-related death and serious injury on roads and streets (commonly referred to as “Vision Zero” or “Toward Zero Deaths” initiatives).	MPO, Local Government	7/10/2023
Thriving Communities	Ensure disadvantaged communities adversely and/or disproportionately affected by environmental, climate, and human health policy outcomes have the technical tools and organizational capacity to comprehensively plan for and deliver quality infrastructure projects and community development projects.	State, Local, MPO, Transit	Spring 2023 (TBA)
Reconnecting Communities Pilot Program — Capital Construction Grants	Provides grants for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development.	State, MPO, Local Government	Late Spring 2023 (TBA)
Reconnecting Communities Pilot Program — Planning Grants	Provides grants for feasibility studies and other planning activities for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development.	State, MPO, Local Government	Late Spring 2023 (TBA)
Nationally Significant Federal Lands and Tribal Projects (NSFLTP) Program	Provides grants to Tribes and Federal land management agencies to complete projects that will provide substantial benefits to their communities or parklands.	FLMA, *State, MPO, Local Government with FLMA sponsor	

Corpus Christi MPO FY 2023 Competitive Grant Summary Table

Program	Description	Eligible Entity	2023 Deadline
Transportation Safety, Equity, Resilience & Other			
Advanced Transportation Technologies and Innovative Mobility Deployment	Provides grants to deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment.	State, MPO, Local Government	
Strengthening Mobility and Revolutionizing Transportation (SMART)	Projects utilizing innovative technology to Improve Transportation Efficiently and Safety	State, MPO, Local Government, Public Transit	Fall 2023 (TBA)
Accelerated Innovation Deployment (AID) Demonstration Program	Provides grants to support the pilot/demonstration of innovations on projects, in areas such as planning, financing, operations, pavements, structures, materials, environment, and construction.	State, FLMA, *MPO & Local Government through State	
Charging and Fueling Infrastructure Grants Program (Community Charging)	Provides grants for projects to develop electric vehicle charging and hydrogen, propane, and natural gas fueling infrastructure access along alternative fuel corridors throughout the country, including in rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces to households or a high ratio of multiunit dwellings to single family homes.	State, MPO, Local Government, FLMA	5/30/2023
Charging and Fueling Infrastructure Grants Program (Corridor Charging)	Deploys publicly accessible EV charging infrastructure and hydrogen, propane, and natural gas fueling infrastructure along designated Alternative Fuel Corridors.	State, MPO, Local Government, FLMA	Winter 2023 (TBA)
National Electric Vehicle Infrastructure (NEVI) Set-aside Discretionary Grant	10 percent set-aside each fiscal year to provide grants to provide additional assistance to strategically deploy EV charging infrastructure.	State, Local Government, FLMA	
Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Discretionary Grants	Provides grants for activities that enable communities to address vulnerabilities to current and future weather events, natural disasters, and changing conditions, including sea level rise, and plan transportation improvements and emergency response strategies to address those vulnerabilities.	State, MPO, Local Government, *FLMA with State	8/18/2023
Transit & Intercity Rail			
Areas of Persistent Poverty Program	Increase transit access for the underserved communities	Recipients and subrecipients 5307, 5310, and 5311	3/10/2023
Railroad Crossing Elimination Program	Railway Grade Separation		Summer 2023 (TBA)

Corpus Christi MPO FY 2023 Competitive Grant Summary Table

Program	Description	Eligible Entity	2023 Deadline
Transit & Intercity Rail			
<u>FEMA Transit Security Grant</u>	Promote sustainable, risk-based efforts to protect critical transportation infrastructure and the traveling public	Public transit based on the ridership, transit systems	5/18/2023
<u>Low/No Emission Bus Program</u>	Support the transition to the clean and efficient transit vehicles	Public Transit	4/13/2023
<u>Bus and Bus Facilities Competitive Grants</u>	Bus and Bus Facility Procurements	Public Transit	4/13/2023
Port & Freight			
<u>Port Infrastructure Development</u>	Port Safety, Reliability, Efficiency		4/28/2023
<u>America's Marine Highway Program</u>	Marine Highway development and expansion		4/28/2023
<u>Reduction of Truck Emissions at Port Facilities</u>	Port Emissions Reduction		7/26/2023
Climate, Energy, & Environment			
Building Resilient Infrastructure and Communities Program	Hazard mitigation projects		
Flood Mitigation Assistance	Reduce/Eliminate the risk of repetitive flood damage to buildings insured by the national flood insurance program		
Regional Clean Hydrogen Hubs	Development of minimum 4 regional clean hydrogen hubs to improve hydrogen production, processing, delivery, storage, and end use		
Aviation			
Airport Terminals Program	Airport terminal development projects that address the aging infrastructure		10/24/2022