

## **U.S. Military Installations in Texas Economic Impact on the Texas Economy for 2019**

The Texas Comptroller of Public Accounts estimates that a compilation of the populations directly affiliated with **U.S. military installations within Texas** contributed at least **\$123.6 billion** to the Texas economy in 2019.<sup>1</sup>

Bases in Texas provided the data used in this analysis to the Texas Military Preparedness Commission (TMPC). Additional information was submitted directly to Comptroller staff at their request, as needed, for clarification.

Working with the TMPC, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of a base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> (**Exhibit 1**)

### **Exhibit 1 Estimated Total Contribution of U.S. Military Installations in Texas to the Texas Economy, 2019**

<b>Total direct employment</b>	226,555
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	633,892
<b>Output<sup>4</sup></b>	\$123,653,980,000
<b>Gross domestic product<sup>5</sup></b>	\$75,324,748,000
<b>Disposable personal income<sup>6</sup></b>	\$39,248,248,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of U.S. military installations to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with U.S. military bases in Texas. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed to Alexandra Taylor, TMPC and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with installations in Texas; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## **Fort Bliss Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Fort Bliss** contributed at least **\$25.6 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller’s office collected data from each of the state’s 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base’s populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of Fort Bliss to the Texas Economy, 2019**

<b>Total direct employment</b>	47,045
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	130,943
<b>Output<sup>4</sup></b>	\$25,666,292,000
<b>Gross domestic product<sup>5</sup></b>	\$15,624,050,000
<b>Disposable personal income<sup>6</sup></b>	\$8,100,412,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller’s economic impact analysis represents a conservative estimate of the economic importance of Fort Bliss to Texas. Each installation’s distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state’s military installations to the state’s economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from David Johnson, Management and Program Analyst, Fort Bliss, to Alexandra Taylor, Texas Military Preparedness Commission, Jan. 11, 2018; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Fort Bliss; (4) all economic impact is within Texas.

<sup>3</sup> “Total employment” refers to both direct and indirect employment.

<sup>4</sup> “Output” refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> “Gross domestic product” refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> “Disposable personal income” refers to post-income-tax income.

## Corpus Christi Army Depot Economic Impact on the Texas Economy - 2019

The Texas Comptroller of Public Accounts estimates the population directly affiliated with the **Corpus Christi Army Depot** contributed at least **\$1.7 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### Exhibit 1 Estimated Total Contribution of the Corpus Christi Army Depot to the Texas Economy, 2019

<b>Total direct employment</b>	3,658
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	10,887
<b>Output<sup>4</sup></b>	\$1,776,685,000
<b>Gross domestic product<sup>5</sup></b>	\$1,101,996,000
<b>Disposable personal income<sup>6</sup></b>	\$700,893,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of the Corpus Christi Army Depot to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Israel Talamantez, Chief, Office of Strategic Initiatives and Future Operations, Corpus Christi Army Depot, to Alexandra Taylor, Texas Military Preparedness Commission, Feb. 20, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Corpus Christi Army Depot; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## Naval Air Station Corpus Christi Economic Impact on the Texas Economy - 2019

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Naval Air Station (NAS) Corpus Christi** contributed at least **\$2.7 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### Exhibit 1 Estimated Total Contribution of NAS Corpus Christi to the Texas Economy, 2019

<b>Total direct employment</b>	4,782
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	15,261
<b>Output<sup>4</sup></b>	\$2,795,340,000
<b>Gross domestic product<sup>5</sup></b>	\$1,699,387,000
<b>Disposable personal income<sup>6</sup></b>	\$905,711,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of NAS Corpus Christi to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Ben Polak, Community Planning Liaison Officer, NAS Corpus Christi, to Alexandra Taylor, Texas Military Preparedness Commission, March 10, 2018; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with NAS Corpus Christi; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## **Dyess Air Force Base Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Dyess Air Force Base (AFB)** contributed at least **\$3.8 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller’s office collected data from each of the state’s 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base’s populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of Dyess AFB to the Texas Economy, 2019**

<b>Total direct employment</b>	6,005
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	19,200
<b>Output<sup>4</sup></b>	\$3,836,359,000
<b>Gross domestic product<sup>5</sup></b>	\$2,328,289,000
<b>Disposable personal income<sup>6</sup></b>	\$1,214,864,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller’s economic impact analysis represents a conservative estimate of the economic importance of Dyess AFB to Texas. Each installation’s distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state’s military installations to the state’s economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Major Matthew Daniels, Commander, 7<sup>th</sup> Comptroller Squadron, Dyess AFB, to Alexandra Taylor, Texas Military Preparedness Commission, Feb. 24, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Dyess AFB; (4) all economic impact is within Texas.

<sup>3</sup> “Total employment” refers to both direct and indirect employment.

<sup>4</sup> “Output” refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> “Gross domestic product” refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> “Disposable personal income” refers to post-income-tax income.

## **Ellington Field Joint Reserve Base (JRB) Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Ellington Field JRB** contributed at least **\$470 million** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller’s office collected data from each of the state’s 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base’s populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of Ellington Field JRB to the Texas Economy, 2019**

<b>Total direct employment</b>	753
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	2,323
<b>Output<sup>4</sup></b>	\$470,506,000
<b>Gross domestic product<sup>5</sup></b>	\$285,945,000
<b>Disposable personal income<sup>6</sup></b>	\$143,372,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller’s economic impact analysis represents a conservative estimate of the economic importance of Ellington Field JRB to Texas. Each installation’s distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state’s military installations to the state’s economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Colonel Andrew Camacho, Vice Commander, Ellington Field JRB, to Alexandra Taylor, Texas Military Preparedness Commission, March 16, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Ellington Field JRB; (4) all economic impact is within Texas.

<sup>3</sup> “Total employment” refers to both direct and indirect employment.

<sup>4</sup> “Output” refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> “Gross domestic product” refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> “Disposable personal income” refers to post-income-tax income.

## Naval Air Station Joint Reserve Base Fort Worth (NAS JRB Fort Worth) Economic Impact on the Texas Economy - 2019

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **NAS JRB Fort Worth** contributed at least **\$3.7 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> (**Exhibit 1**)

### Exhibit 1 Estimated Total Contribution of NAS JRB Fort Worth to the Texas Economy, 2019

<b>Total direct employment</b>	6,616
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	20,042
<b>Output<sup>4</sup></b>	\$3,793,927,000
<b>Gross domestic product<sup>5</sup></b>	\$2,318,001,000
<b>Disposable personal income<sup>6</sup></b>	\$1,273,247,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of NAS JRB Fort Worth to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Edward Spurlin, Community Planning Liaison Officer, NAS JRB Fort Worth, to Alexandra Taylor, Texas Military Preparedness Commission, Feb. 10, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with NAS JRB Fort Worth; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## **Goodfellow Air Force Base (AFB) Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Goodfellow AFB** contributed at least **\$4.5 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller’s office collected data from each of the state’s 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base’s populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of Goodfellow AFB to the Texas Economy, 2019**

<b>Total direct employment</b>	8,309
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	21,410
<b>Output<sup>4</sup></b>	\$4,538,086,000
<b>Gross domestic product<sup>5</sup></b>	\$2,747,458,000
<b>Disposable personal income<sup>6</sup></b>	\$1,253,609,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller’s economic impact analysis represents a conservative estimate of the economic importance of Goodfellow AFB to Texas. Each installation’s distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state’s military installations to the state’s economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Charles Rehburg, XP, Chief of Staff, Goodfellow AFB, to Alexandra Taylor, Texas Military Preparedness Commission, Feb. 19, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Goodfellow AFB; (4) all economic impact is within Texas.

<sup>3</sup> “Total employment” refers to both direct and indirect employment.

<sup>4</sup> “Output” refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> “Gross domestic product” refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> “Disposable personal income” refers to post-income-tax income.



## **Fort Hood Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Fort Hood** contributed at least **\$29.8 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller’s office collected data from each of the state’s 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base’s populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of Fort Hood to the Texas Economy, 2019**

<b>Total direct employment</b>	56,023
<b>Total employment</b> (direct & indirect) <sup>3</sup>	152,701
<b>Output</b> <sup>4</sup>	\$29,859,518,000
<b>Gross domestic product</b> <sup>5</sup>	\$18,164,848,000
<b>Disposable personal income</b> <sup>6</sup>	\$9,689,472,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller’s economic impact analysis represents a conservative estimate of the economic importance of Fort Hood to Texas. Each installation’s distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state’s military installations to the state’s economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Kelly Sandifer, Chief of Plans, Analysis and Integration Office, Fort Hood, to Alexandra Taylor, Texas Military Preparedness Commission, Jan. 24, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Fort Hood; (4) all economic impact is within Texas.

<sup>3</sup> “Total employment” refers to both direct and indirect employment.

<sup>4</sup> “Output” refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> “Gross domestic product” refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> “Disposable personal income” refers to post-income-tax income.

## Joint Base San Antonio (JBSA) Economic Impact on the Texas Economy - 2019

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **JBSA** contributed at least **\$41.3 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup>  
**(Exhibit 1)**

### Exhibit 1 Estimated Total Contribution of JBSA to the Texas Economy, 2019

<b>Total direct employment</b>	73,707
<b>Total employment</b> (direct & indirect) <sup>3</sup>	210,998
<b>Output</b> <sup>4</sup>	\$41,325,690,000
<b>Gross domestic product</b> <sup>5</sup>	\$25,199,812,000
<b>Disposable personal income</b> <sup>6</sup>	\$12,969,748,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of JBSA to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Valerie Ramirez, 502 ABW/CI – Community Initiatives, JBSA, to Alexandra Taylor, Texas Military Preparedness Commission, March 9, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with JBSA; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## Naval Air Station (NAS) Kingsville Economic Impact on the Texas Economy - 2019

The Texas Comptroller of Public Accounts estimates the population directly affiliated with NAS Kingsville contributed at least **\$852 million** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> (Exhibit 1)

### Exhibit 1 Estimated Total Contribution of NAS Kingsville to the Texas Economy, 2019

<b>Total direct employment</b>	1,647
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	4,695
<b>Output<sup>4</sup></b>	\$852,119,000
<b>Gross domestic product<sup>5</sup></b>	\$526,748,000
<b>Disposable personal income<sup>6</sup></b>	\$289,061,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of NAS Kingsville to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Kevin Clarke, Public Affairs Officer, NAS Kingsville, to Alexandra Taylor, Texas Military Preparedness Commission, Jan. 30, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with NAS Kingsville; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## Laughlin Air Force Base (AFB) Economic Impact on the Texas Economy - 2019

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Laughlin AFB** contributed at least **\$2 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### Exhibit 1 Estimated Total Contribution of Laughlin AFB to the Texas Economy, 2019

<b>Total direct employment</b>	3,961
<b>Total employment</b> (direct & indirect) <sup>3</sup>	10,201
<b>Output</b> <sup>4</sup>	\$2,032,980,000
<b>Gross domestic product</b> <sup>5</sup>	\$1,237,670,000
<b>Disposable personal income</b> <sup>6</sup>	\$612,849,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of Laughlin AFB to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Joel Langton, 47th Flying Training Wing Chief of Community and Media Relations, Laughlin AFB, to Alexandra Taylor, Texas Military Preparedness Commission, April 14, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Laughlin AFB; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## **Red River Army Depot Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Red River Army Depot** contributed at least **\$1.7 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller’s office collected data from each of the state’s 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base’s populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of Red River Army Depot to the Texas Economy, 2019**

<b>Total direct employment</b>	3,887
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	10,566
<b>Output<sup>4</sup></b>	\$1,718,185,000
<b>Gross domestic product<sup>5</sup></b>	\$1,066,487,000
<b>Disposable personal income<sup>6</sup></b>	\$681,520,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller’s economic impact analysis represents a conservative estimate of the economic importance of Red River Army Depot to Texas. Each installation’s distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state’s military installations to the state’s economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Marshall L. McKellar, Director of Business Management, Red River Army Depot, to Alexandra Taylor, Texas Military Preparedness Commission, Jan. 23, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Red River Army Depot; (4) all economic impact is within Texas.

<sup>3</sup> “Total employment” refers to both direct and indirect employment.

<sup>4</sup> “Output” refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> “Gross domestic product” refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> “Disposable personal income” refers to post-income-tax income.

## **Sheppard Air Force Base (AFB) Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with **Sheppard AFB** contributed at least **\$4.6 billion** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of Sheppard AFB to the Texas Economy, 2019**

<b>Total direct employment</b>	9,576
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	22,323
<b>Output<sup>4</sup></b>	\$4,629,008,000
<b>Gross domestic product<sup>5</sup></b>	\$2,801,430,000
<b>Disposable personal income<sup>6</sup></b>	\$1,277,701,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of Sheppard AFB to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Alan Quevy, Strategic Initiatives Team, Sheppard AFB, to Alexandra Taylor, Texas Military Preparedness Commission, Feb. 23, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with Sheppard AFB; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.

## **Army Futures Command Economic Impact on the Texas Economy - 2019**

The Texas Comptroller of Public Accounts estimates the population directly affiliated with the **Army Futures Command** contributed at least **\$359 million** to the Texas economy in 2019.<sup>1</sup>

Working with the Texas Military Preparedness Commission, the Comptroller's office collected data from each of the state's 14 U.S. military installations using a survey designed to ensure consistency in determining the total direct and indirect contribution of the base's populations to state-level employment, gross domestic product, output and disposable personal income.<sup>2</sup> **(Exhibit 1)**

### **Exhibit 1 Estimated Total Contribution of the Army Futures Command to the Texas Economy, 2019**

<b>Total direct employment</b>	586
<b>Total employment (direct &amp; indirect)<sup>3</sup></b>	2,342
<b>Output<sup>4</sup></b>	\$359,285,000
<b>Gross domestic product<sup>5</sup></b>	\$222,627,000
<b>Disposable personal income<sup>6</sup></b>	\$135,789,000

Source: Regional Economic Models, Inc. (REMI) - model for Texas

The Comptroller's economic impact analysis represents a conservative estimate of the economic importance of the Army Futures Command to Texas. Each installation's distinctive characteristics contribute to the Texas economy in different ways. This analysis uses a consistent model to determine the economic impact of each of the state's military installations to the state's economic growth.

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<sup>1</sup> This study represents an analysis of the economic impact of the population and employees directly affiliated with the base. This includes active duty, visiting, and other military personnel, dependents, civilian employees and contractors directly affiliated with the base – as reported in documents emailed from Hamilton Lopezcruz, Marketing Integration Officer, Army Futures Command, to Alexandra Taylor, Texas Military Preparedness Commission, March 17, 2020; and additional clarification interviews.

<sup>2</sup> Estimate inputs and assumptions include the following: (1) all data submitted is for 2019; (2) input includes full-time, permanent employees and a full-time equivalent (FTE) for any part-time employees; (3) dependents are associated with the Army Futures Command; (4) all economic impact is within Texas.

<sup>3</sup> "Total employment" refers to both direct and indirect employment.

<sup>4</sup> "Output" refers to the total value of all goods and services (both final and intermediate) produced in Texas.

<sup>5</sup> "Gross domestic product" refers to the total value of all final goods and services produced in Texas.

<sup>6</sup> "Disposable personal income" refers to post-income-tax income.