Regional Economic Impact of Whataburger Field and the Corpus Christi Hooks



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Regional Economic Impacts of
Whataburger Field and the Corpus Christi Hooks

Introduction

This report summarizes the findings of an economic impact analysis for Whataburger Field and the Corpus Christi Hooks in Corpus Christi over the 2005-2016 period. The methodology draws on two corresponding economic impact studies conducted by Impact DataSource in 2013 and 2015. Instead of future projections in the earlier reports, this report focuses on Whataburger Field's first 12 years of operations.

Description of the Stadium and Team

Whataburger Field is the home of the Corpus Christi Hooks and the Texas A&M University-Corpus Christi Islanders baseball team. The Hooks is the Minor League AA affiliate of the Houston Astros.

Construction of the baseball stadium was made possible by a local election in 2002, in which voters approved a 1/8-cent sales tax increase to fund the stadium and other economic development projects. The stadium opened in 2005 with a total construction cost of $30 million. It has a seating capacity of 7,728 — 5,050 fixed seats, 19 suites, and two outfield berm areas that accommodate nearly 2,000 fans. In addition to baseball, Whataburger Field has hosted a number of other sports or performance events.

Whataburger Field is owned by the City of Corpus Christi, and is leased to Ryan Sanders Baseball, which owns the team of Corpus Christi Hooks. The team operates with about 35 full-time employees along with a number of part-time employees. On game days, about 200 people work on the field, the concessions and in the stands. During the Hooks home games, in addition to some out-of-town fans, visiting teams, umpires, scouts and other officials all stay overnight in Corpus Christi.

Summary of Findings

The City of Corpus Christi has received from the operations of Whataburger Field and home games of the Corpus Christi Hooks over the period 2005-2016:

Estimated Net Revenues for the City, 2005-2016	
Net revenues (historical dollars)	$4,610,640
Net revenues (adjusted for inflation)	$5,324,736

Source: Impact DataSource, and author's calculations.

The following is a summary of some measures of the direct impacts of the stadium and the Hooks over the 2005-2016 period:

Average Annual Economic Data Estimates	
Annual taxable sales at the stadium	$12,000,000
Annual taxable purchases of local supplies and services for the operation of the stadium and the team	$2,000,000
Number of direct jobs supported by the stadium and team	300
Total annual payroll for the stadium and team	$5,000,000
Average annual attendance	424,806
Average annual Hooks home game days	69
Average attendance per game	6,157
Average annual out-of-town overnight fans and visitors to other events	10,000
Annual hotel room nights generated by Hooks home games	3,500

Source: Impact DataSource, and author's calculations.

Economic Impact of Stadium Operations, 2005-2016

The following table shows the estimated regional economic impacts of the stadium and the baseball team on Corpus Christi over the 12-year period between 2005 and 2016.

Cumulated Economic Impacts, 2005-2016		
Total number of direct and indirect jobs		452
Number of direct and indirect workers moving to the area		40
Number of new residents in the area		50
Number of new residential properties built in the area		8
Number of new students in Corpus Christi ISD		6
Salaries earnings for direct and indirect employment		$164,627,543
Average annual salaries earnings	*$13,718,962*	
Taxable local sales and purchases (economic output)		$233,557,016
Average annual taxable local sales	*$19,463,085*	

Source: Impact DataSource, and author's calculations.

Costs and Benefits for Local Taxing Districts, 2005-2016

Additional Revenues for Local Taxing Districts

Local taxing districts are estimated to have received the following revenues over the 12-year period as a result of the direct and indirect impacts of the stadium's operations:

Additional Revenues For Local Taxing Districts Over the 12-Year Period of the Stadium's Operations

	Sales Taxes	Property Taxes	Utilities	Utility Franchise Fees	Building Permits and Fees
City of Corpus Christi	$3,211,409	$92,622	$2,053,566	$123,320	$0
Corpus Christi Crime Control District	$291,946				
Corpus Christi MTA	$1,167,785				
Nueces County	$0	$53,036			
Corpus Christi ISD		$195,819			
Del Mar College		$39,259			
Nueces County Hospital District		$21,753			
Total	$4,671,140	$402,489	$2,053,566	$123,320	$0

	Hotel Occupancy Taxes	Other Taxes and User Fees	Additional State and Federal School Funding	Lease Revenues from the Facility	Total Additional Revenues
City of Corpus Christi	$421,084	$53,898		$870,000	$6,825,899
Corpus Christi Crime Control District					$291,946
Corpus Christi MTA					$1,167,785
Nueces County		$26,824			$79,861
Corpus Christi ISD			$363,810		$559,628
Del Mar College					$39,259
Nueces County Hospital District					$21,753
Total	$421,084	$80,722	$363,810	$870,000	$8,116,131

Source: Impact DataSource, and author's calculations.

Additional Costs for Local Taxing Districts

Local taxing districts are estimated to have incurred the following costs over the 12-year period, a result of the direct and indirect impacts of the stadium's operations:

Costs for Local Taxing Districts Over the 12-Year Period of the Stadium's Operations					
	Costs of Services to New Residents	Costs of Providing Monthly Utility Services	Costs of Educating New Students	Reduction in State School Funding as a Result of Property being Added to Local Tax Rolls	**Total**
City of Corpus Christi	$161,693	$2,053,566			$2,215,259
Corpus Christi Crime Control District					$0
Corpus Christi MTA					$0
Nueces County	$53,648				$53,648
Corpus Christi ISD			$274,878	$167,760	$442,638
Del Mar College					$0
Nueces County Hospital District					$0
Total	$215,342	$2,053,566	$274,878	$167,760	$2,711,545

Source: Impact DataSource, and author's calculations.

Net Benefits for Local Taxing Districts

The estimated net benefits for the local taxing districts equal the additional public benefits less additional public costs, all as a result of the direct and indirect impacts of the stadium's operations:

Net Benefits for Local Taxing Districts Over the 12-Year Period of the Stadium's Operations			
	Benefits	Costs	Net Benefits
City of Corpus Christi	$6,825,899	$2,215,259	$4,610,640
Corpus Christi Crime Control District	$291,946	$0	$291,946
Corpus Christi MTA	$1,167,785	$0	$1,167,785
Nueces County	$79,861	$53,648	$26,212
Corpus Christi ISD	$559,628	$442,638	$116,990
Del Mar College	$39,259	$0	$39,259
Nueces County Hospital District	$21,753	$0	$21,753
Total	$8,986,131	$2,711,545	$6,274,586

Source: Impact DataSource, and author's calculations.

Present Values of the Tax Revenues for Local Taxing Districts

The tax revenues for each local taxing district from the stadium's operations over the 12-year period:

Present Values of the Tax Revenues Over the 12-Year Period of the Stadium's Operations	
City of Corpus Christi	$5,324,736
Corpus Christi Crime Control District	$337,047
Corpus Christi MTA	$1,348,189
Nueces County	$30,522
Corpus Christi ISD	$135,307
Del Mar College	$45,533
Nueces County Hospital District	$25,230
Total	$7,246,565

Source: Impact DataSource, and author's calculations.

The present value is a way of expressing a nominal figure of the past in today's dollar term. A dollar received in the past is not worth the same as a dollar received today due to inflation. This report expres the present values of dollars in the past by adjusting the historical dollars for actual inflation using the Consumer Price Index (CPI) for U.S. urban areas.

Net Benefits Received by the City

The City of Corpus Christi is estimated to have received benefits from purchases for facility operations and spending by workers. The cumulated total benefits over the 12-year period are shown below.

Schedule of Benefits for the City from the Stadium and Employees

	Benefits from:		
	Stadium Operations	New Workers	Total Benefits
Additional revenues:			
Sales taxes	$2,740,574	$470,835	$3,211,409
Property taxes	$0	$92,622	$92,622
Utility revenues	$222,796	$118,213	$341,009
Utility franchise fees	$15,184	$5,329	$20,513
Hotel occupancy taxes	$421,084		$421,084
Other taxes and user fees		$53,898	$53,898
Building permits and fees	$0		$0
Lease revenues	$870,000		$870,000
Total additional revenues	$4,269,639	$740,896	$5,010,535
Additional costs:			
Costs of providing utilities	$222,796	$118,213	$341,009
Costs of providing municipal services for new residents		$161,693	$161,693
Total additional costs	$222,796	$279,906	$502,702
Net benefits	$4,046,842	$460,990	$4,507,832
Percent of total net benefits for the City	90%	10%	

Source: Impact DataSource, and author's calculations.

Methodology

For consistency, this report applies the same methodology and estimation framework as those used for the impact reports prepared by Impact DataSource in 2013 and 2015 for the same facility, "*A Report of the Economic Impact of Whataburger Field and the Corpus Christi Hooks in Corpus Christi, Texas* ". The main difference between this report and those two reports is the time period for estimating the regional economic impacts. This report focuses on the impacts of the stadium's operations in the past, instead of performing future projections.

Because of a different time period covered in this report, the regional economic multipliers for estimating economic impacts have been updated to reflect the historical data of the region.
As for Impact DataSource, this analysis employs two types of economic multipliers for Corpus Christi. The multipliers generate estimates for secondary impacts, which include indirect and induced impacts.

The multipliers for in this report are derived from the IMPLAN model and their values are:

Employment multiplier:	1.26
Wage Earnings multiplier:	1.32

In addition, measures of the direct impact also reflect the data over the period covered in this analysis. Those estimates are presented in detail below.

As for most related studies, this report presents analyses from the economic perspective of the stadium owner—the City of Corpus Christi—particularly about the returns on its initial capital investment For this reason, the analyses focus on Whataburger Field and its home team's tangible contributions to the city and the local economy. Missing in this report is the extent to which the facility and the team have enhanced the quality of life for the local community as well as out-of-town visitors to baseball games and other events.

Data and Assumptions

The following lists the local data and assumptions used in the 2013 and 2015 reports of Impact DataSource, along with updates for this report to reflect historical data.

Local Tax Rates:

Sales taxes:

City of Corpus Christi	1.375%
Corpus Christi Crime Control District	0.125%
Corpus Christi MTA	0.5%
Nueces County	0.0%

City of Corpus Christi hotel occupancy tax rate	9%

Property tax rates, per $100 of valuation:

City of Corpus Christi	$0.585264
Nueces County and Farm to Market Road	$0.335130
Corpus Christi ISD:	
M&O	$1.060050
I&S	$0.177300
Total	$1.237350
Del Mar College	$0.248073
Nueces County Hospital District	$0.137455

City Rates:

Annual marginal cost of providing municipal services, excluding utilities, to each new household	$300
Estimated annual other taxes and user fees to be collected by the city from each new household -- those revenues that are in addition to sales and property taxes, utilities and utility franchise fees	$100
Annual increase expected in the city's other revenues and marginal costs	2.1%
The city's estimated annual water, wastewater and garbage collection billings per household	$1,560

Utility Service	Estimated Monthly Billing	Estimated Annual Billing *(Monthly billing x 12)*
Water	$40	$480
Wastewater	$35	$420
Solid waste	$25	$300
Natural gas	$30	$360

The city's cost of providing water, wastewater and solid waste services, as a percent of utility billings	100%
Annual increase expected in city-owned utility billings	2.1%

The city's utility franchise fee percentages:

Electricity utility franchise fee	$0.002526	per KwH
Electricity, estimated as percent of billings	2%	
Natural gas	0%	
Cable	5%	
Telephone monthly line access charge:		
Residential	$2.16	
Non-residential	$4.86	

Annual utility franchise fees collected from utility providers for each household in the city as detailed below	$70.32

Utility Service	Estimated Monthly Billing	Utility Franchise Fee Percentage	Monthly Utility Franchise Fee Collections	Estimated Annual Utility Franchise Fee Collections *(Monthly collections x 12)*
Electricity	$85	2%	$1.70	$20.40
Cable	$40	5%	$2.00	$24.00
Telephone	1 line	$2.16	$2.16	$25.92

County Rates:

Annual marginal cost of providing county services to each new household	$100
Annual miscellaneous taxes and user fees to be collected from each new household, those county revenues other than property and sales taxes	$50
Annual increase expected in other county revenues and marginal costs	2%

School District Rates:

Estimated annual state, federal and other funding received by the district for for each child enrolled	$4,500
Average annual cost of providing services to each child in the district	$8,500

Average annual cost for each new child, as a percent of average annual cost	40%
Annual marginal cost of providing services to each new child	$3,400

Other Community Rates:

Annual inflation rate (2005-2016 historical average)	2.1%
Discount rate used in analysis to compute discounted cash flows	-2.1%
Percent of a typical worker's salary that will be spent on taxable goods and services	26.0%
Average taxable value of a new single family residence in the community that will are built for some individuals moving to the city	$133,572
Percent annual increase in the taxable value of residential property and commercial real property on local tax rolls	3.8%

Activities During the Stadium's Operations:

The facility's taxable sales subject to sales tax:

Year 1	$12,000,000
Year 2	$12,000,000
Year 3	$12,000,000
Year 4	$12,000,000
Year 5	$12,000,000
Year 6	$12,000,000
Year 7	$12,000,000
Year 8	$12,000,000
Year 9	$12,000,000
Year 10	$12,000,000
Year 11	$12,000,000
Year 12	$12,000,000

Expected annual increase in taxable sales after the first year	0.0%

Estimated annual utilities at the facility:

	Water	Wastewater	Solid Waste	Electricity	Natural Gas	Cable	Telephone
Year 1	$24,000	$24,000	$24,000	$225,000	$12,000	$12,000	$120,000
Year 2	$24,720	$24,720	$24,720	$231,750	$12,360	$12,360	$123,600
Year 3	$25,462	$25,462	$25,462	$238,703	$12,731	$12,731	$127,308
Year 4	$26,225	$26,225	$26,225	$245,864	$13,113	$13,113	$131,127
Year 5	$27,012	$27,012	$27,012	$253,239	$13,506	$13,506	$135,061
Year 6	$27,823	$27,823	$27,823	$260,837	$13,911	$13,911	$139,113
Year 7	$28,657	$28,657	$28,657	$268,662	$14,329	$14,329	$143,286
Year 8	$29,517	$29,517	$29,517	$276,722	$14,758	$14,758	$147,585
Year 9	$30,402	$30,402	$30,402	$285,023	$15,201	$15,201	$152,012
Year 10	$31,315	$31,315	$31,315	$293,574	$15,657	$15,657	$156,573
Year 11	$32,254	$32,254	$32,254	$302,381	$16,127	$16,127	$161,270
Year 12	$33,222	$33,222	$33,222	$311,453	$16,611	$16,611	$166,108
Annual increase	3%	3%	3%	3%	3%	3%	3%

Estimated number of telephone lines at the facility 15

The facility's estimated local taxable purchases of materials, supplies and services for its operations:

Year 1	$2,000,000
Year 2	$2,100,000
Year 3	$2,205,000
Year 4	$2,315,250
Year 5	$2,431,013
Year 6	$2,552,563
Year 7	$2,680,191
Year 8	$2,814,201
Year 9	$2,954,911
Year 10	$3,102,656
Year 11	$3,257,789
Year 12	$3,420,679

Expected annual increase in taxable purchases after the first year 5%

The facility's total taxable purchases and taxable utilities:

	Taxable Purchases of Supplies, Materials and Services	Utilities Subject to Sales Tax: Utilities Subject to Sales Tax	Utilities Subject to Sales Tax: Percent Taxable	Utilities Subject to Sales Tax: Taxable Utilities	Total
Year 1	$2,000,000	$369,000	100%	$369,000	$2,369,000
Year 2	$2,100,000	$380,070	100%	$380,070	$2,480,070
Year 3	$2,205,000	$391,472	100%	$391,472	$2,596,472
Year 4	$2,315,250	$403,216	100%	$403,216	$2,718,466
Year 5	$2,431,013	$415,313	100%	$415,313	$2,846,325
Year 6	$2,552,563	$427,772	100%	$427,772	$2,980,335
Year 7	$2,680,191	$440,605	100%	$440,605	$3,120,797
Year 8	$2,814,201	$453,823	100%	$453,823	$3,268,024
Year 9	$2,954,911	$467,438	100%	$467,438	$3,422,349
Year 10	$3,102,656	$481,461	100%	$481,461	$3,584,118
Year 11	$3,257,789	$495,905	100%	$495,905	$3,753,694
Year 12	$3,420,679	$510,782	100%	$510,782	$3,931,461

Number of workers at the facility:

Year 1	200
Year 2	0
Year 3	0
Year 4	0
Year 5	0
Year 6	0
Year 7	0
Year 8	0
Year 9	0
Year 10	0
Year 11	0
Year 12	0
Total	200

Number of people who moved to the city to take job at the facility:

Estimated percent of total new workers moving to the city	10%

Year 1	20
Year 2	0
Year 3	0
Year 4	0
Year 5	0
Year 6	0
Year 7	0
Year 8	0
Year 9	0
Year 10	0
Year 11	0
Year 12	0
Total	20

Average annual salaries of workers at the facility	$25,000
Percent of expected increase in employee salaries after year 1	3.0%

Multipliers for calculating the number of indirect and induced jobs and earnings in the area:

Earnings	1.32
Employment	1.26

This cost-benefit analysis uses the above multipliers to project the indirect and induced benefits in the community as a result of the direct economic activity. The employment multiplier shows the number of spin-off jobs what will be created from each direct job. Similarly, the earnings multiplier estimates the salaries and wages to be paid to workers in these spin-off jobs for each $1 paid to direct workers.

Visiting team members who will stay in a local motel during the baseball season:

Average number of room nights	2,000
Estimated nightly room rate in the City	$110
Estimated taxable spending by visiting team members shopping, eating out and on entertainment	$300,000

Spending by all out-of-town visitors attending games and other events at the stadium:

Estimated number of out-of-town visitors attending games and other events at the stadium	10,000
Average annual increase in the number of out-of-town visitors to the stadium	0%
Average number of days that each of these visitors will stay in the city	1.5
Percent of out-of-town fans stay overnight in a local hotel/motel	30%
Average number of nights that these overnight visitors stayed in a hotel/motel in the city	0.30
Estimated average daily non-lodging spending by each visitor in the city	$65
Estimated daily room rate in the city	$110

Summary of visitor spending:

Lodging sales:

	Room Nights			Lodging
	Teams	Others	Total	Sales
2005	2,000	1,500	3,500	$385,000
2006				$385,000
2007				$385,000
2008				$385,000
2009				$385,000
2010				$385,000
2011				$385,000
2012				$385,000
2013				$385,000
2014				$385,000
2015				$385,000
2016				$385,000

Taxable sales:

	Teams	Others	Total
2005	$300,000	$978,000	$1,278,000
2006			$1,278,000
2007			$1,278,000
2008			$1,278,000
2009			$1,278,000
2010			$1,278,000

2011	$1,278,000
2012	$1,278,000
2013	$1,278,000
2014	$1,278,000
2015	$1,278,000
2016	$1,278,000

Economic Impact Estimation

The following shows economic impact estimates based on the schedules used in the 2013 and 2015 reports of Impact DataSource, along with updates for this report to reflect historical data.

Number of local jobs added each year and worker salaries to be paid:

	Direct Jobs	Indirect Jobs	Total Jobs	Direct Salaries	Indirect Salaries	Total Salaries
2005	200	252	452	$5,000,000	$6,600,000	$11,600,000
2006	0	0	0	$5,150,000	$6,798,000	$11,948,000
2007	0	0	0	$5,304,500	$7,001,940	$12,306,440
2008	0	0	0	$5,463,635	$7,211,998	$12,675,633
2009	0	0	0	$5,627,544	$7,428,358	$13,055,902
2010	0	0	0	$5,796,370	$7,651,209	$13,447,579
2011	0	0	0	$5,970,261	$7,880,745	$13,851,007
2012	0	0	0	$6,149,369	$8,117,168	$14,266,537
2013	0	0	0	$6,333,850	$8,360,683	$14,694,533
2014	0	0	0	$6,523,866	$8,611,503	$15,135,369
2015	0	0	0	$6,719,582	$8,869,848	$15,589,430
2016	0	0	0	$6,921,169	$9,135,944	$16,057,113
Total	200	252	452	$70,960,148	$93,667,395	$164,627,543

Number of direct and indirect workers and their families who moved to the area and their children who will attended local public schools:

	New Workers Who Moved to the Area	Total New Residents	Total New Students
2005	40	50	6
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
Total	40	50	6

Number of new residential properties that would have been built in the city for direct and indirect workers who moved to the area:

	New Residential Properties
2005	8
2006	0
2007	0
2008	0
2009	0
2010	0
2011	0
2012	0
2013	0
2014	0
2015	0
2016	0
Total	8

Local taxable spending on which sales taxes will be collected:

	Local Construction Workers' Spending and Furniture, Fixtures and Equipment	Direct and Indirect Workers' Spending	Visitors' Spending	Taxable Sales at the Facility	The Facility's Local Purchases and Taxable Utilities	Total
2005	$0	$2,412,800	$1,278,000	$12,000,000	$2,369,000	$18,059,800
2006	$0	$2,485,184	$1,278,000	$12,000,000	$2,480,070	$18,243,254
2007	$0	$2,559,740	$1,278,000	$12,000,000	$2,596,472	$18,434,212
2008	$0	$2,636,532	$1,278,000	$12,000,000	$2,718,466	$18,632,998
2009	$0	$2,715,628	$1,278,000	$12,000,000	$2,846,325	$18,839,953
2010	$0	$2,797,096	$1,278,000	$12,000,000	$2,980,335	$19,055,432
2011	$0	$2,881,009	$1,278,000	$12,000,000	$3,120,797	$19,279,806
2012	$0	$2,967,440	$1,278,000	$12,000,000	$3,268,024	$19,513,464
2013	$0	$3,056,463	$1,278,000	$12,000,000	$3,422,349	$19,756,812
2014	$0	$3,148,157	$1,278,000	$12,000,000	$3,931,461	$20,357,618
2015	$0	$3,242,601	$1,341,900	$12,600,000	$4,049,405	$21,233,906
2016	$0	$3,339,879	$1,408,995	$13,230,000	$4,170,887	$22,149,761
Total	$0	$34,242,529	$15,530,895	$145,830,000	$37,953,592	$233,557,016

Local spending by visitors on lodging by out-of-town visitors

	Spending on Lodging
2005	$385,000
2006	$385,000
2007	$385,000
2008	$385,000
2009	$385,000
2010	$385,000
2011	$385,000
2012	$385,000
2013	$385,000
2014	$385,000
2015	$404,250
2016	$424,463
Total	$4,678,713

Taxable value of new residential property built for direct and indirect workers who moved to the community :

	New Residential Property	Value of Property at the Facility on Local Tax Rolls	Total Taxable Property
2005	$1,068,576	$0	$1,068,576
2006	$1,109,615	$0	$1,109,615
2007	$1,152,229	$0	$1,152,229
2008	$1,196,480	$0	$1,196,480
2009	$1,242,431	$0	$1,242,431
2010	$1,290,147	$0	$1,290,147
2011	$1,339,694	$0	$1,339,694
2012	$1,391,145	$0	$1,391,145
2013	$1,444,572	$0	$1,444,572
2014	$1,500,051	$0	$1,500,051
2015	$1,530,052	$0	$1,530,052
2016	$1,560,653	$0	$1,560,653

Costs and Benefits Calculations

The following shows economic impact estimates based on the schedules used in the 2013 and 2015 reports of Impact DataSource, along with updates for this report to reflect historical data.

City of Corpus Christi:

Benefits:

Sales tax collections:

	During Construction and Purchases of Furniture, Fixtures and Equipment	On Direct and Indirect Workers' Spending	On Visitors' Spending	Taxable Sales at the Facility	The Facility's Local Purchases and Taxable Utilities	Total
2005	$0	$33,176	$17,573	$165,000	$32,574	$248,322
2006	$0	$34,171	$17,573	$165,000	$34,101	$250,845
2007	$0	$35,196	$17,573	$165,000	$35,701	$253,470
2008	$0	$36,252	$17,573	$165,000	$37,379	$256,204
2009	$0	$37,340	$17,573	$165,000	$39,137	$259,049
2010	$0	$38,460	$17,573	$165,000	$40,980	$262,012
2011	$0	$39,614	$17,573	$165,000	$42,911	$265,097
2012	$0	$40,802	$17,573	$165,000	$44,935	$268,310
2013	$0	$42,026	$17,573	$165,000	$47,057	$271,656
2014	$0	$43,287	$17,573	$165,000	$54,058	$279,917
2015	$0	$44,586	$18,451	$173,250	$55,679	$291,966
2016	$0	$45,923	$19,374	$181,913	$57,350	$304,559
Total	$0	$470,835	$213,550	$2,005,163	$521,862	$3,211,409

Property tax collections on:

		Property at the Facility			
	New Residential Property	Taxes Collected	Taxes Abated	Total Taxes After Abatement	Total
2005	$6,254	$0	$0	$0	$6,254
2006	$6,494	$0	$0	$0	$6,494
2007	$6,744	$0	$0	$0	$6,744
2008	$7,003	$0	$0	$0	$7,003
2009	$7,272	$0	$0	$0	$7,272
2010	$7,551	$0	$0	$0	$7,551
2011	$7,841	$0	$0	$0	$7,841
2012	$8,142	$0	$0	$0	$8,142
2013	$8,455	$0	$0	$0	$8,455
2014	$8,779	$0	$0	$0	$8,779
2015	$8,955	$0	$0	$0	$8,955
2016	$9,134	$0	$0	$0	$9,134
Total	$92,622	$0	$0	$0	$92,622

Utilities and utility franchise fees collected by the city from new residents and from the facility:

	Utilities	Utility Franchise Fees	Total
2005	$146,400	$8,788	$155,188
2006	$150,219	$9,017	$159,237
2007	$154,142	$9,253	$163,395
2008	$158,169	$9,496	$167,665
2009	$162,305	$9,745	$172,050
2010	$166,553	$10,000	$176,553
2011	$170,914	$10,263	$181,177
2012	$175,394	$10,532	$185,926
2013	$179,994	$10,809	$190,803
2014	$191,394	$11,499	$202,892
2015	$196,446	$11,803	$208,249
2016	$201,636	$12,116	$213,751
Total	$2,053,566	$123,320	$2,176,886

Other city revenues, including hotel occupancy taxes, other taxes and user fees collected from new residents and lease revenues

	Hotel Occupancy Taxes	Other Taxes and User Fees	Building Permits and Fees	Lease Revenues	Total Other Revenues
2005	$34,650	$4,000	$0	$60,000	$98,650
2006	$34,650	$4,083	$0	$60,000	$98,733
2007	$34,650	$4,168	$0	$70,000	$108,818
2008	$34,650	$4,255	$0	$70,000	$108,905
2009	$34,650	$4,344	$0	$70,000	$108,994
2010	$34,650	$4,434	$0	$70,000	$109,084
2011	$34,650	$4,527	$0	$70,000	$109,177
2012	$34,650	$4,621	$0	$80,000	$119,271
2013	$34,650	$4,717	$0	$80,000	$119,367
2014	$34,650	$4,815	$0	$80,000	$119,465
2015	$36,383	$4,916	$0	$80,000	$121,298
2016	$38,202	$5,018	$0	$80,000	$123,220
Total	$421,084	$53,898	$0	$870,000	$1,344,982

Costs:

The costs of providing municipal services and utility services to new residents:

	Cost of Services to New Residents	Costs of Utilities	Total Costs
2005	$12,000	$146,400	$158,400
2006	$12,250	$150,219	$162,469
2007	$12,505	$154,142	$166,647
2008	$12,765	$158,169	$170,935
2009	$13,031	$162,305	$175,336
2010	$13,303	$166,553	$179,855
2011	$13,580	$170,914	$184,494
2012	$13,862	$175,394	$189,256
2013	$14,151	$179,994	$194,145
2014	$14,446	$191,394	$205,839
2015	$14,747	$196,446	$211,193
2016	$15,054	$201,636	$216,690
Total	$161,693	$2,053,566	$2,215,259

Net Benefits for the City of Corpus Christi:

	Benefits	Costs	Net Benefits	Cumulative Net Benefits
2005	$508,414	$158,400	$350,014	$350,014
2006	$515,309	$162,469	$352,840	$702,854
2007	$532,427	$166,647	$365,781	$1,068,634
2008	$539,776	$170,935	$368,842	$1,437,476
2009	$547,364	$175,336	$372,028	$1,809,504
2010	$555,200	$179,855	$375,345	$2,184,849
2011	$563,292	$184,494	$378,798	$2,563,646
2012	$581,649	$189,256	$392,393	$2,956,039
2013	$590,281	$194,145	$396,136	$3,352,175
2014	$611,054	$205,839	$405,215	$3,757,390
2015	$630,468	$211,193	$419,276	$4,176,665
2016	$650,664	$216,690	$433,975	$4,610,640
Total	$6,825,899	$2,215,259	$4,610,640	

Corpus Christi Crime Control District:

Sales tax collections:

	During Construction and Purchases of Furniture, Fixtures and Equipment	On Direct and Indirect Workers' Spending	On Visitors' Spending	Taxable Sales at the Facility	The Facility's Local Purchases and Taxable Utilities	Total
2005	$0	$3,016	$1,598	$15,000	$2,961	$22,575
2006	$0	$3,106	$1,598	$15,000	$3,100	$22,804
2007	$0	$3,200	$1,598	$15,000	$3,246	$23,043
2008	$0	$3,296	$1,598	$15,000	$3,398	$23,291
2009	$0	$3,395	$1,598	$15,000	$3,558	$23,550
2010	$0	$3,496	$1,598	$15,000	$3,725	$23,819
2011	$0	$3,601	$1,598	$15,000	$3,901	$24,100
2012	$0	$3,709	$1,598	$15,000	$4,085	$24,392
2013	$0	$3,821	$1,598	$15,000	$4,278	$24,696
2014	$0	$3,935	$1,598	$15,000	$4,914	$25,447
2015	$0	$4,053	$1,677	$15,750	$5,062	$26,542
2016	$0	$4,175	$1,761	$16,538	$5,214	$27,687
Total	$0	$42,803	$19,414	$182,288	$47,442	$291,946

Corpus Christi MTA:

Sales tax collections:

	During Construction and Purchases of Furniture, Fixtures and Equipment	On Direct and Indirect Workers' Spending	On Visitors' Spending	Taxable Sales at the Facility	The Facility's Local Purchases and Taxable Utilities	Total
2005	$0	$12,064	$6,390	$60,000	$11,845	$90,299
2006	$0	$12,426	$6,390	$60,000	$12,400	$91,216
2007	$0	$12,799	$6,390	$60,000	$12,982	$92,171
2008	$0	$13,183	$6,390	$60,000	$13,592	$93,165
2009	$0	$13,578	$6,390	$60,000	$14,232	$94,200
2010	$0	$13,985	$6,390	$60,000	$14,902	$95,277
2011	$0	$14,405	$6,390	$60,000	$15,604	$96,399
2012	$0	$14,837	$6,390	$60,000	$16,340	$97,567
2013	$0	$15,282	$6,390	$60,000	$17,112	$98,784
2014	$0	$15,741	$6,390	$60,000	$19,657	$101,788
2015	$0	$16,213	$6,710	$63,000	$20,247	$106,170
2016	$0	$16,699	$7,045	$66,150	$20,854	$110,749
Total	$0	$171,213	$77,654	$729,150	$189,768	$1,167,785

Nueces County:

Sales tax collections on spending:

	During Construction and Purchases of Furniture, Fixtures and Equipment	On Direct and Indirect Workers' Spending	On Visitors' Spending	Taxable Sales at the Facility	The Facility's Local Purchases and Taxable Utilities	Total
2005	$0	$0	$0	$0	$0	$0
2006	$0	$0	$0	$0	$0	$0
2007	$0	$0	$0	$0	$0	$0
2008	$0	$0	$0	$0	$0	$0
2009	$0	$0	$0	$0	$0	$0
2010	$0	$0	$0	$0	$0	$0
2011	$0	$0	$0	$0	$0	$0
2012	$0	$0	$0	$0	$0	$0
2013	$0	$0	$0	$0	$0	$0
2014	$0	$0	$0	$0	$0	$0
2015	$0	$0	$0	$0	$0	$0
2016	$0	$0	$0	$0	$0	$0
Total	$0	$0	$0	$0	$0	$0

Miscellaneous taxes and user fees to be collected from new residents:

	Misc. Taxes and User Fees
2005	$2,000
2006	$2,040
2007	$2,081
2008	$2,122
2009	$2,165
2010	$2,208
2011	$2,252
2012	$2,297
2013	$2,343
2014	$2,390
2015	$2,438
2016	$2,487
Total	$26,824

Property tax collections on:

		Property at the Facility			
	New Residential Property	Taxes Collected	Taxes Abated	Total Taxes After Abatement	Total
2005	$3,581	$0	$0	$0	$3,581
2006	$3,719	$0	$0	$0	$3,719
2007	$3,861	$0	$0	$0	$3,861
2008	$4,010	$0	$0	$0	$4,010
2009	$4,164	$0	$0	$0	$4,164
2010	$4,324	$0	$0	$0	$4,324
2011	$4,490	$0	$0	$0	$4,490
2012	$4,662	$0	$0	$0	$4,662
2013	$4,841	$0	$0	$0	$4,841
2014	$5,027	$0	$0	$0	$5,027
2015	$5,128	$0	$0	$0	$5,128
2016	$5,230	$0	$0	$0	$5,230
Total	$53,036	$0	$0	$0	$53,036

Costs of providing county services to new residents:

	Costs of County Services
2005	$4,000
2006	$4,080
2007	$4,162
2008	$4,245
2009	$4,330
2010	$4,416
2011	$4,505
2012	$4,595
2013	$4,687
2014	$4,780
2015	$4,876
2016	$4,973
Total	$53,648

Total Benefits for the County:

	Benefits	Costs	Net Benefits	Cumulative Net Benefits
2005	$5,581	$4,000	$1,581	$1,581
2006	$5,759	$4,080	$1,679	$3,260
2007	$5,942	$4,162	$1,781	$5,040
2008	$6,132	$4,245	$1,887	$6,928
2009	$6,329	$4,330	$1,999	$8,927
2010	$6,532	$4,416	$2,116	$11,042
2011	$6,742	$4,505	$2,237	$13,280
2012	$6,960	$4,595	$2,365	$15,644
2013	$7,185	$4,687	$2,498	$18,142
2014	$7,417	$4,780	$2,637	$20,779
2015	$7,566	$4,876	$2,690	$23,469
2016	$7,717	$4,973	$2,743	$26,212
Total	$79,861	$53,648	$26,212	

Corpus Christi Independent School District:

Benefits, including property taxes and additional state and federal school funding:

	Property Tax Collections on:			Additional	
	New Residential Property	The Facility's Property	Total Collections	State School Funding	Total
2005	$13,222	$0	$13,222	$27,000	$40,222
2006	$13,730	$0	$13,730	$27,562	$41,292
2007	$14,257	$0	$14,257	$28,136	$42,393
2008	$14,805	$0	$14,805	$28,722	$43,527
2009	$15,373	$0	$15,373	$29,320	$44,693
2010	$15,964	$0	$15,964	$29,931	$45,894
2011	$16,577	$0	$16,577	$30,554	$47,131
2012	$17,213	$0	$17,213	$31,190	$48,404
2013	$17,874	$0	$17,874	$31,840	$49,714
2014	$18,561	$0	$18,561	$32,503	$51,064
2015	$18,932	$0	$18,932	$33,180	$52,112
2016	$19,311	$0	$19,311	$33,871	$53,181
Total	$195,819	$0	$195,819	$363,810	$559,628

Costs of educating children of new workers who move to the district:

	Cost of Educating New Students
2005	$20,400
2006	$20,825
2007	$21,258
2008	$21,701
2009	$22,153
2010	$22,614
2011	$23,085
2012	$23,566
2013	$24,057
2014	$24,558
2015	$25,069
2016	$25,591
Total	$274,878

Reduction in State aid to the school district as a result of new residential property for the facility's employees and the facility's property being added to the school district's tax rolls:

	Reduction in State Aid for the School District
2005	$11,327
2006	$11,762
2007	$12,214
2008	$12,683
2009	$13,170
2010	$13,676
2011	$14,201
2012	$14,747
2013	$15,313
2014	$15,901
2015	$16,219
2016	$16,544
Total	$167,760

Net Benefits for the School District:

	Benefits	Costs	Net Benefits	Cumulative Net Benefits
2005	$40,222	$31,727	$8,495	$8,495
2006	$41,292	$32,587	$8,705	$17,199
2007	$42,393	$33,473	$8,921	$26,120
2008	$43,527	$34,384	$9,142	$35,262
2009	$44,693	$35,323	$9,370	$44,632
2010	$45,894	$36,291	$9,604	$54,236
2011	$47,131	$37,287	$9,844	$64,080
2012	$48,404	$38,313	$10,091	$74,171
2013	$49,714	$39,370	$10,344	$84,515
2014	$51,064	$40,459	$10,605	$95,120
2015	$52,112	$41,288	$10,823	$105,944
2016	$53,181	$42,135	$11,047	$116,990
Total	$559,628	$442,638	$116,990	

Property tax collections:

		Property at the Facility			
	New Residential Property	Taxes Collected	Taxes Abated	Total Taxes After Abatement	Total
2005	$2,651	$0	$0	$0	$2,651
2006	$2,753	$0	$0	$0	$2,753
2007	$2,858	$0	$0	$0	$2,858
2008	$2,968	$0	$0	$0	$2,968
2009	$3,082	$0	$0	$0	$3,082
2010	$3,201	$0	$0	$0	$3,201
2011	$3,323	$0	$0	$0	$3,323
2012	$3,451	$0	$0	$0	$3,451
2013	$3,584	$0	$0	$0	$3,584
2014	$3,721	$0	$0	$0	$3,721
2015	$3,796	$0	$0	$0	$3,796
2016	$3,872	$0	$0	$0	$3,872
Total	$39,259	$0	$0	$0	$39,259

Nueces County Hospital District

Property tax collections:

		Property at the Facility			
	New Residential Property	Taxes Collected	Taxes Abated	Total Taxes After Abatement	Total
2005	$1,469	$0	$0	$0	$1,469
2006	$1,525	$0	$0	$0	$1,525
2007	$1,584	$0	$0	$0	$1,584
2008	$1,645	$0	$0	$0	$1,645
2009	$1,708	$0	$0	$0	$1,708
2010	$1,773	$0	$0	$0	$1,773
2011	$1,841	$0	$0	$0	$1,841
2012	$1,912	$0	$0	$0	$1,912
2013	$1,986	$0	$0	$0	$1,986
2014	$2,062	$0	$0	$0	$2,062
2015	$2,103	$0	$0	$0	$2,103
2016	$2,145	$0	$0	$0	$2,145
Total	$21,753	$0	$0	$0	$21,753