The Economic Impact of Travel on Louisiana Parishes 2006

A Study Prepared for the Louisiana Office of Tourism by the Research Department of the Travel Industry Association Washington, D.C. August 2007

PREFACE

This study was conducted by the research department of the Travel Industry Association (TIA) for the Louisiana Office of Tourism. This report include 2006 preliminary estimates of domestic traveler expenditures in Louisiana, as well as employment, payroll income, and federal, state and local tax revenues directly generated by these expenditures.

Additionally, this study provides estimates by parish for domestic travel expenditures and employment; payroll income; and state and local tax revenue directly generated by domestic expenditures.

In order to show the impact of Hurricane Katrina and Hurricane Rita on Louisiana travel, 2004 and 2005 travel impact estimates are included in the report.

We would like to give our special and sincere thanks to Mark Northington, Research Director, Louisiana Office of Tourism for his help in this study, his consistent support of TIA, and most importantly, his tremendous contributions to the travel and tourism industry.

Travel Industry Association Washington, D.C. August 2007

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INTRODUCTION

This report presents preliminary 2006 estimates of the impact of U.S. resident traveler spending in Louisiana, as well as the employment, payroll income and tax revenue directly generated by this spending. In order to show the impact of Hurricane Katrina and Hurricane Rita in 2005, this study provides the comparisons of 2006 with "normal year" 2004 and the Hurricane affected year 2005.

All estimates of the economic impact of travel contained in this volume are the product of TIA's Travel Economic Impact Model (TEIM), a proprietary economic model developed expressly to indicate the expenditures, employment, payroll, and tax revenue generated by travel away from home in the United States.

The Travel Economic Impact Model (TEIM) was initially developed in 1975 for the U.S. Department of the Interior to indicate the economic value of travel and tourism to states and counties. The original TEIM has been revised substantially based on more accurate and targeted input data available from governments and the private sector.

The domestic component of TEIM is based on national surveys conducted by TIA and other travel-related data developed each year by TIA, various federal agencies and national travel organizations. A summary of the methodology is provided in Appendix A.

U.S. residents traveling in Louisiana include both state residents and out-of-state visitors traveling on day trips to places 50 miles or more away from home or staying overnight in paid accommodations. Travel commuting to and from work; travel by those operating an airplane, bus, truck, train or other form of common carrier transportation; military travel on active duty; and travel by students away at school, are all excluded from the model. In addition, the payroll and employment estimates represent impact generated in the private sector and exclude publicly supported payroll and employment.

Any travel expenses as a result of hurricane refugees, relief contractors and relief government officials due to Hurricanes Katrina and Rita are not covered in this report. The payroll, employment and tax revenue related with these expenditures are excluded as well.

Since additional data relating to travel and its economic impact in 2006 will become available subsequent to this study, TIA reserves the right to revise these estimates in the future.

EXECUTIVE SUMMARY

- As a result of Hurricane Katrina and Hurricane Rita, domestic travelers' direct expenditure in the state declined 18.6 percent in 2006 compared to 2005 to \$6.4 billion and plunged 32.6 percent compared with "normal year" 2004.
- Domestic travel expenditures directly generated 86.6 thousand jobs within Louisiana in 2006, a decrease of 25.4 percent over 2004. Compared to 2005, domestic travel-generated jobs declined 18.5 percent. These jobs generated by domestic travel spending composed 4.7 percent of Louisiana's total non-agricultural employment in 2006.
- Domestic travel-generated employees in Louisiana earned \$1.5 billion in payroll income during 2006. This represents a 21.8 percent decrease from 2004. Compared with 2005, domestic travel-generated payroll was down 11.2 percent.
- On average, every \$74,178 spent by domestic travelers in Louisiana during 2006 generated one job.
- Additionally, travel and tourism generated \$842.1 million in tax revenue for federal, state and local governments in 2006, down 13.7 percent from 2005 and down 30.5 percent from 2004.
- Eleven of Louisiana's 64 parishes received over \$100 million in domestic travel expenditures in 2006.
- Severely affected by hurricanes in 2005, travel in Orleans and Jefferson parishes continued to decline dramatically in 2006.

TRAVEL IMPACT ON U.S. ECONOMY - 2006

The U.S. economy continued to grow in 2006, with real GDP increasing 2.9 percent. Both real disposable income and real personal consumption expenditures rose 3.1 percent from 2005. The U.S. job market improved during 2006 as annual average total non-farm employment increased nearly 2.5 million to 136.2 million. This reduced the national unemployment rate to 4.6 percent. The Consumer Price Index (CPI), an indicator of the level of price inflation, was up 3.2 percent in 2006, while TIA's Travel Price Index increased 4.8 percent during the same period, primarily due to a significant increase in the price of gasoline. The total U.S. current account deficit rose to a record high of \$811.5 billion in 2006. The U.S. travel industry, however, generated a \$13.7 billion trade surplus (excludes international passenger fares) for the country in 2006.

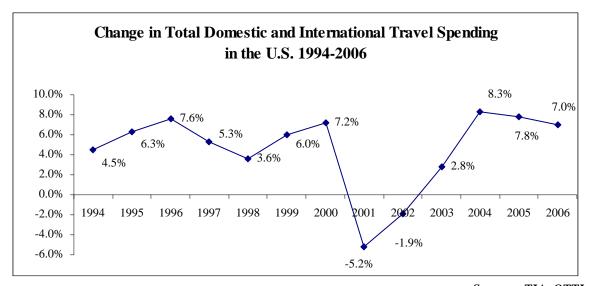
U.S. Travel Volume in 2006

In 2006, total U.S. domestic person-trips were up 0.4 percent over 2005, according to TIA TravelScope®/DIRECTIONS® by DKS&A survey.

International visitors to the U.S. increased 3.8 percent in 2006 to 51.1 million. However, the volume of international travel to the U.S. remained 0.3 percent lower than its historical record set in 2000.

Travel Expenditures in 2006

Domestic travelers spent \$614.2 billion in the U.S. during 2006, an increase of 7.3 percent over 2005. International traveler expenditures in the U.S., excluding international passenger fares, increased 4.8 percent to total \$85.7 billion in 2006. Combined domestic and international travel expenditures in the U.S. totaled nearly \$700 billion, 7.0 percent more than in 2005.



Sources: TIA, OTTI

Domestic travel spending on auto transportation jumped 10.1 percent over 2005, to \$117.0 billion, reflecting the dramatic increase in gasoline prices during 2006.

Domestic travel spending on lodging increased 8.4 percent over 2005. According to Smith Travel Research, hotel room demand (hotel room-nights sold) grew 1.1 percent and average daily rate jumped 7.0 percent.

	2006	2005	2006
	Travel Spending	Travel Spending	Percent Change
	in The U.S.	in The U.S.	Over 2005
Industry Sector	(\$ Billions)	(\$ Billions)	(%)
Public Transportation	\$116.8	\$108.5	7.6%
Auto Transportation	117.0	106.3	10.1%
Lodging	111.2	102.5	8.4%
Foodservice	149.3	141.6	5.5%
Entertainment	71.3	66.8	6.8%
General Retail	48.6	46.5	4.5%
Domestic Travelers	614.2	572.1	7.3%
International Travelers*	85.7	81.8	4.8%

Source: TIA

Travel Employment in 2006

Nearly 2.5 million jobs were added to the non-farm sector of the strengthening U.S. economy in 2006, a 1.8 percent increase from 2005, according to the U.S. Bureau of Labor Statistics (BLS). This reduced the national unemployment rate to 4.6 percent from 5.1 percent in 2005. Domestic and international travelers' spending in the U.S. directly generated 7.5 million jobs for the U.S. economy in 2006, up 0.4 percent from 2005.

Domestic travel expenditures directly generated 6.6 million jobs for travel and tourism industry in 2006, representing a 0.5 percent increase from 2005. Among all travel industry category investigated in this report, the greatest gain occurred in the arts/entertainment/recreation industry, with employment up 1.8 percent from 2005. Travel-generated employment in the public transportation sector decreased 2.6 percent, mainly due to a large decline in the airline industry. The employment generated by travel in retail industry experienced a slight decline as well.

^{*} Excludes payments on international passenger fares

	2006	2005	2006
	Travel-Generated	Travel-Generated	Percent Change
	Employment	Employment	Over 2005
Industry Sector	(Thousands)	(Thousands)	(%)
Public Transportation	904.6	928.4	-2.6%
Auto Transportation	267.9	265.4	1.0%
Lodging	1,238.9	1,228.8	0.8%
Foodservice	2,594.4	2,566.9	1.1%
Entertainment	1,130.5	1,110.1	1.8%
General Retail	337.3	340.6	-1.0%
Travel Planning	176.3	173.7	1.5%
Domestic Travelers	6,649.9	6,613.9	0.5%
International Travelers*	892.2	894.9	-0.3%

Sources: TIA, BLS

^{*} Excludes jobs generated by spending on international passenger fares

<u>Sector</u>	2004	2005	2006
Nominal gross domestic product (\$ billions)	\$11,685.9	\$12,433.9	\$13,194.7
Real gross domestic product (\$ billions)*	\$10,675.8	\$11,003.4	\$11,319.4
Real disposable personal income (\$ billions)*	\$8,008.9	\$8,147.9	\$8,396.9
Real personal consumption expenditures (\$ billions)*	\$7,561.4	\$7,803.6	\$8,044.1
Consumer price index**	188.9	195.3	201.6
Travel Price Index**	210.2	221.4	232.0
Non-farm payroll employment (millions)	131.4	133.7	136.2
- con reality payron employment (minimons)			
Unemployment rate (%)	5.5	5.1	
Unemployment rate (%)		5.1	
Unemployment rate (%) Percentage change from previous year		5.1	4.6
Unemployment rate (%) Percentage change from previous year Nominal gross domestic product	5.5		6.1%
Percentage change from previous year Nominal gross domestic product Real gross domestic product	5.5 6.6%	6.4%	6.1% 2.9%
Percentage change from previous year Nominal gross domestic product Real gross domestic product Real disposable personal income	5.5 6.6% 3.6%	6.4% 3.1%	6.1% 2.9% 3.1%
	5.5 6.6% 3.6% 3.6%	6.4% 3.1% 1.7%	6.1% 2.9% 3.1% 3.1% 3.2%

Sources: U.S. Dept. of Commerce, U.S. Dept. of Labor, U.S. Census Bureau, TIA * Chained 2000 dollars ** Base period: 1982-84=100

Table 4: U.S. Travel Trends, 2002-2006p						
Category	2002	2003	2004	2005	2006p	
U.S. travel expenditures (\$ billions)	\$478.3	\$495.8	\$532.4	\$572.1	\$614.17	
International travel expenditures in the U.S.* (\$ billions)	\$66.6	\$64.4	\$74.5	\$81.8	\$85.7	
Total travel expenditures (\$billions)	\$544.9	\$560.1	\$606.9	\$653.9	\$699.9	
Travel price index**	196.3	201.1	210.2	221.4	232.0	
Travel-generated employment*** (thousands)	7,440.5	7,336.0	7,452.7	7,508.8	7,542.1	
Percentage change from previous year						
U.S. travel expenditures	-1.1%	3.7%	7.4%	7.5%	7.3%	
International travel expenditures in the U.S.	-7.4%	-3.4%	15.8%	9.7%	4.8%	
Total travel expenditures (\$billions)	-1.9%	2.8%	8.3%	7.8%	7.0%	
Travel price index	-0.3%	2.4%	4.5%	5.3%	4.8%	
Travel-generated employment	-3.0%	-1.4%	1.6%	0.8%	0.4%	

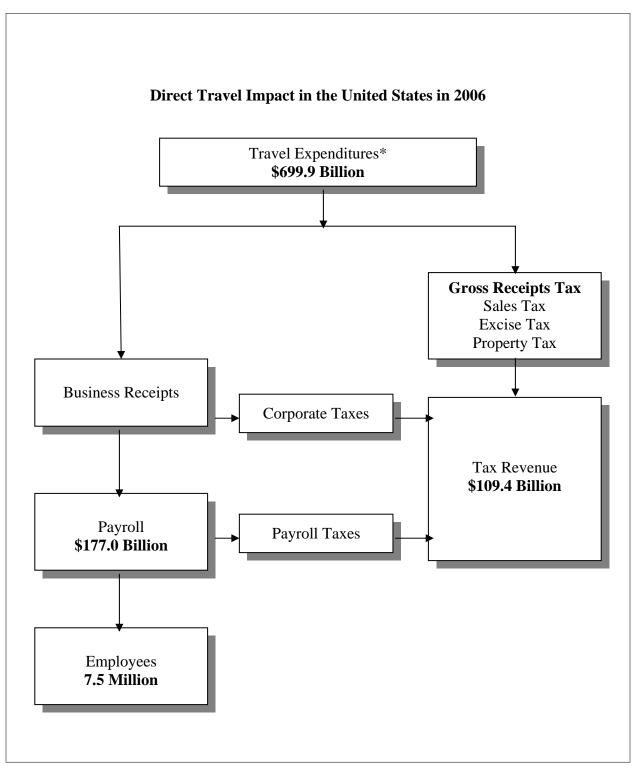
Sources: TIA, BEA and BLS.

P: preliminary

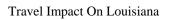
Note: * Includes international traveler spending within the U.S. only.

** Base period: 1982-84=100

^{**} Includes employment generated by both domestic and international traveler expenditures.



Source: TIA





TRAVEL IMPACT ON LOUISIANA - 2006

Travel Expenditures

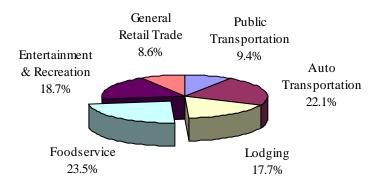
Travel, as one of most important industries in Louisiana's economy, has been dramatically affected by Hurricanes Katrina and Rita. In 2006, travel and tourism in Louisiana continued to decline in most of hurricane affected areas. Ttal domestic travelers' direct spending in Louisiana decreased 18.6 percent from 2005 and plunged 32.6 percent from 2004 to \$6.4 billion.

Domestic traveler spending on foodservice, the largest expenditure category, totaled over \$1.5 billion in 2006, 23.5 percent of the state total. This represented a 23.2 percent decrease from 2005 and a 37.1 percent decrease from 2004.

The auto transportation sector brought in over \$1.4 billion during 2006, a 16.4 percent decrease from 2005 and a 25.9 percent decrease from 2004. Auto transportation represents 22.1 percent of the state domestic total in 2006.

Domestic traveler spending on lodging decreased 36.1 percent from nearly 1.8 billion in 2004 to \$1.1 billion in 2006. Compared to 2005, domestic travel spending on lodging declined 21.1 percent in 2006.

Domestic Travel Expenditures in Louisiana by Industry Sector, 2006



^{1.} Auto transportation sector includes privately-owned vehicles that are used for trips (e.g., automobiles, trucks, campers or other recreational vehicles), gasoline service stations, and automotive rental.

^{2.} Foodservice sector includes restaurants, grocery stores and other eating and drinking establishments.

^{3.} Public transportation sector comprises air, intercity bus, rail, boat or ship, and taxicab or limousine service.

^{4.} Lodging sector consists of hotels and motels, campgrounds, and ownership or rental of vacation or second homes.

^{5.} General retail trade sector includes gifts, clothes, souvenirs and other incidental retail purchases.

^{6.} Entertainment and recreation sector includes amusement parks and attractions, attendance at nightclubs, movies, legitimate shows, sports events, and other forms of entertainment and recreation while traveling.

Table 5: Domestic Travel Expenditures in Louisiana by Industry Sector, 2004-2006 Total Total Total (\$ millions) (\$ millions) (\$ millions) **Industry Sector** 2004 2005 2006 **Public Transportation** \$900.9 \$733.0 \$603.4 Auto Transportation 1,916.0 1,698.5 1,420.3 Lodging 1,781.0 1,443.0 1,138.6 Foodservice 2,394.9 1,507.5 1,963.1 Entertainment 1,358.5 1,204.3 1,696.6 General Retail Trade 850.0 692.5 550.9 Total \$9,539.4 \$7,888.6 \$6,425.0 Percent Changes, 2004-2006 % Change % Change % Change **Industry Sector** 2005/04 2006/05 2006/04 **Public Transportation** -18.6% -17.7% -33.0% Auto Transportation -11.4% -16.4% -25.9% Lodging -19.0% -21.1% -36.1% Foodservice -18.0% -23.2% -37.1% Entertainment -19.9% -11.3% -29.0% General Retail Trade <u>-18.5%</u> -20.5% <u>-35.2%</u> Total -17.3% -18.6% -32.6%

Source: TIA

TRAVEL IMPACT ON LOUISIANA - 2006

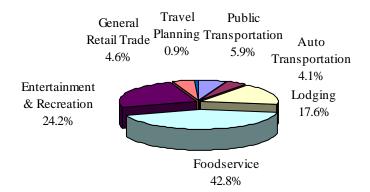
Travel-Generated Employment

Hurricanes Katrina and Rita, left many Louisiana residents jobless in the affected areas. In 2006, travel-generated employment decreased 18.5 percent from 2005 and dropped 25.4 percent from 2004. However, it is important to note that even after the effects of the hurricanes, travel generated employment composed 4.7 percent of total non-agricultural employment in Louisiana during 2006. This equaled around 86,600 jobs. Without these jobs generated by domestic travel, Louisiana's 2006 unemployment rate of 4.0 percent would have been 4.4 percentage points higher than it was, or nearly 8.4 percent of the labor force. In addition, every \$74,178 spent by domestic travelers in Louisiana directly supported one job.

The foodservice sector, which includes restaurants and other eating and drinking places, provided more jobs that any other industry sector. During 2006, travelers' spending in this sector created 37.0 thousand jobs, accounting for 42.8 percent of the state total. However, this represents a 17.3 percent drop from 2005 and a 24.4 percent decrease from 2004.

In 2006, travel-generated employment decreased to 15.2 thousand in the lodging sector, down 22.3 percent from 2005 and 32.4 percent from 2004. The greatest change in travel related employment was seen in the travel planning sector, decreasing 31.5 percent from 2005 and 37.9 percent from 2004.

Domestic Travel-Generated Employment in Louisiana by Industry Sector, 2006



	Total	Total	Total
	(Thousands)	(Thousands)	(Thousands)
Industry Sector	<u>2004</u>	<u>2005</u>	<u>2006</u>
Public Transportation	7.2	7.0	5.1
Auto Transportation	4.8	4.6	3.6
Lodging	22.5	19.6	15.2
Foodservice	49.0	44.8	37.0
Entertainment	25.6	24.1	20.9
General Retail Trade	5.6	5.1	4.0
		1 1	0.8
<u>Travel Planning*</u>	<u>1.2</u>	<u>1.1</u>	<u>0.c</u>
Travel Planning* Total	1.2 116.1	106.3	86.6
Total	116.1		
	116.1	106.3	86.6
Total	116.1		
Total Percent Changes, 2004-2	116.1 2 006 % Change	106.3 % Change	86.6 % Change
Total Percent Changes, 2004-2 Industry Sector	116.1 2006 % Change 2005/04	106.3 % Change 2006/05	86.6 % Change 2006/04
Total Percent Changes, 2004-2 Industry Sector Public Transportation Auto Transportation	116.1 2006 % Change 2005/04 -3.1%	106.3 % Change 2006/05 -27.2%	% Change 2006/04 -29.5%
Percent Changes, 2004-2 Industry Sector Public Transportation Auto Transportation Lodging	116.1 2006 % Change 2005/04 -3.1% -5.2%	106.3 % Change 2006/05 -27.2% -22.0%	% Change 2006/04 -29.5% -26.1%
Total Percent Changes, 2004-2 Industry Sector Public Transportation	116.1 2006 % Change 2005/04 -3.1% -5.2% -13.0%	106.3 % Change 2006/05 -27.2% -22.0% -22.3%	% Change 2006/04 -29.5% -26.1% -32.4%
Total Percent Changes, 2004-2 Industry Sector Public Transportation Auto Transportation Lodging Foodservice	116.1 2006 % Change 2005/04 -3.1% -5.2% -13.0% -8.6%	106.3 % Change 2006/05 -27.2% -22.0% -22.3% -17.3%	% Change 2006/04 -29.5% -26.1% -32.4% -24.4%

Source: TIA

Notes: * Refers to jobs created in travel arrangement firms such as travel agencies, wholesale and retail tour companies, and other travel-related service businesses.

TRAVEL IMPACT ON LOUISIANA – 2006

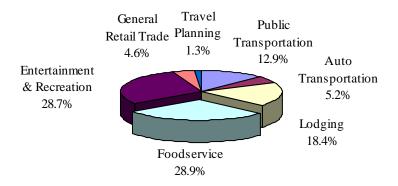
Travel-Generated Payroll

Travel-generated payroll is the wage and salary income paid to employees directly serving travelers within the industry sectors from which these travelers purchase goods and services. One dollar of travel spending generates different amounts of payroll income within the various travel industry sectors depending on the labor content and the wage structure of each sector.

Hurricane Katrina and Hurricane Rita in 2005 dramatically affected payroll income as well. Total annual payroll paid by Louisiana travel-related firms and directly attributable to domestic traveler spending decreased to \$1.5 billion in 2006, down 11.2 percent from 2005 and 21.8 percent from 2004.

In 2006, the foodservice industry and amusement/recreation industry, the largest travel-generated payroll income providers in Louisiana, declined to 441.6 million and 438.7 million, respectively, the travel planning sector reported the strongest decrease in travel-generated payroll income among all travel-related industries covered in this study, down 23.1 percent from 2005 and 32.0 percent from 2004.

Domestic Travel-Generated Payroll in Louisiana by Industry Sector, 2006



	Total	Total	Total
	(\$ Millions)	(\$ Millions)	(\$ Millions)
Industry Sector	<u>2004</u>	<u>2005</u>	2006
Public Transportation	\$267.5	\$243.7	\$197.8
Auto Transportation	100.1	90.3	79.4
Lodging	380.9	323.1	280.6
Foodservice	556.6	483.4	441.6
Entertainment	526.6	471.0	438.7
General Retail Trade	95.0	83.9	71.0
Travel Planning*	<u>29.7</u>	<u>26.2</u>	20.2
Total	\$1,956.4	\$1,721.7	\$1,529.3
	Ψ1,250.1	¥1,7217	ψ1,6 2 >.6
Percent Changes, 2004-2		¥.,	4.16.2 2.10
Percent Changes, 2004-2	006		
G ,		% Change 2006/05	% Change 2006/04
Industry Sector	006 % Change	% Change	% Change 2006/04
Industry Sector Public Transportation	006 % Change 2005/04	% Change 2006/05	% Change
Industry Sector Public Transportation Auto Transportation	006 % Change 2005/04 -8.9%	% Change 2006/05 -18.8%	% Change 2006/04 -26.1% -20.7%
Industry Sector Public Transportation Auto Transportation Lodging	006 % Change 2005/04 -8.9% -9.8%	% Change 2006/05 -18.8% -12.1%	% Change 2006/04 -26.1%
Industry Sector Public Transportation Auto Transportation Lodging Foodservice	006 % Change 2005/04 -8.9% -9.8% -15.2%	% Change 2006/05 -18.8% -12.1% -13.2%	% Change 2006/04 -26.1% -20.7% -26.3%
Percent Changes, 2004-2 Industry Sector Public Transportation Auto Transportation Lodging Foodservice Entertainment General Retail Trade	006 % Change 2005/04 -8.9% -9.8% -15.2% -13.1%	% Change 2006/05 -18.8% -12.1% -13.2% -8.7%	% Change 2006/04 -26.1% -20.7% -26.3% -20.7%

Source: TIA

Notes: *Refers to payroll income that goes to travel agents, tour operators, and other travel service employees.

These employees arrange passenger transportation, lodging, tours and other related services.

TRAVEL IMPACT ON LOUISIANA - 2006

Travel-Generated Tax Revenue

Travel tax receipts are the federal, state and local tax revenues attributable to travel spending in Louisiana. Travel-generated tax revenue is a significant economic benefit, as governments use these funds to support the travel infrastructure and help support a variety of public programs. As a result of substantial decreases in the sale of travel goods and services, in addition to travel generated income caused by the hurricanes, travel generated tax receipts for federal, state and local declined dramatically as well.

Domestic travel spending in Louisiana generated \$424.4 million in tax revenue for the federal government in 2006, down 7.3 percent from 2005 and 26.4 percent from 2004.

Domestic travel spending in Louisiana also generated \$269.6 million tax revenue for the state treasury through state sales and excise taxes, and taxes on personal and corporate income, down 19 percent from 2005 and 34.1 percent from 2004 due to the hurricanes.

Taxes collected by local governments were severely affected by the hurricanes as well. During 2006, domestic spending generated tax revenue through sales and property for localities declined 20 percent from 2005 and 34.5 percent from 2004.

Each dollar spent by domestic travelers in Louisiana produced 13.1 cents for federal, state and local tax coffers.

Domestic Travel-Generated Tax Revenue in Louisiana by Level of Government, 2006

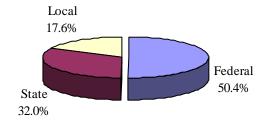


Table 8: Domestic Travel-Generated Tax Revenue in Louisiana by Level of Government, 2004-2006

Government	Total (\$ millions) 2004	Total (\$ millions) 2005	Total (\$ millions) 2006
Federal State <u>Local</u>	\$576.3 408.9 <u>226.0</u>	\$457.7 332.7 <u>185.1</u>	\$424.4 269.6 148.1
Total	\$1,211.3	\$975.5	\$842.1

Percent Changes, 2004-2006

Government	% Change <u>2005/04</u>	% Change <u>2006/05</u>	% Change <u>2006/04</u>
Federal State <u>Local</u>	-20.6% -18.6% <u>-18.1%</u>	-7.3% -19.0% <u>-20.0%</u>	-26.4% -34.1% <u>-34.5%</u>
Total	-19.5%	-13.7%	-30.5%

Source: TIA

DOMESTIC TRAVEL IMPACT ON LOUISIANA PARISHES - 2006

Domestic travelers spent \$6.4 billion while traveling in Louisiana in 2006, down 18.6 percent from 2005 and down 32.6 percent from 2004, largely due to 2005 hurricanes Katrina and Rita. These expenditures directly generated more than \$1.5 billion in wages and salaries, 86.6 thousand jobs and \$417.7 million in tax revenue for the state treasury and local governments.

Travel expenditures occurred throughout all the sixty-four parishes in Louisiana. The top five parishes in Louisiana received \$4.1 billion in direct domestic travel expenditures, 64.5 percent of the state total, down 25.7 percent from 2005 and down 39.4 percent from 2004. In 2006, spending by domestic travelers in the top five parishes generated over \$1.0 billion in payroll income and 60.3 thousand jobs. This represented 68.6 and 69.6 percent of the state total, respectively. Additionally, domestic traveler expenditures in these top five parishes generated \$254 million in tax revenue for the state treasury and the local governments during 2006, 60.8 percent of the state total.

Domestic Travel Impact on Top 5 Parishes

Orleans Parish, which includes the city of New Orleans, was the most severely affected area by the hurricanes. Consequently, domestic travel spending declined 35.5 percent from 2005 and 50.7 percent from 2004 to \$2.2 billion in 2006. Travel-generated employment, payroll and tax receipts declined dramatically as well.

East Baton Rouge Parish posted \$678 million in domestic expenditures to rank second, up 16.9 from 2005. These expenditures benefited parish residents with nearly \$124 million in payroll as well as 6.3 thousand jobs for parish residents.

Jefferson Parish, located adjacent to New Orleans, ranked third with \$514 million in domestic travel spending in 2006. This parish was heavily hit by the Hurricanes. Travel spending declined 28.4 percent from 2005 and 45.7 percent from 2004. Similar to Orleans Parish, travel-generated employment, payroll and tax receipts in Jefferson Parish declined dramatically.

Caddo Parish received \$457 million from domestic travelers, down 14.1 percent from 2005. On a positive note, Caddo Parish saw increases in payroll and employment, 4.9 percent and 2.0 percent respectively.

Lafayette Parish ranked fifth with \$338 million travel spending from domestic visitors, up 27.2 percent from 2005. This spending generated \$58.2 million in payroll and more than 3.1 thousand jobs.

Table 9-1: Domestic Travel Impact in Louisiana - Top 5 Parishes, 2004-2006 2006 Travel Impact State & Local Expenditures Payroll **Employment** Tax Revenue Rank Parish (\$ million) (\$ million) (thousands) (\$ million) 1 **ORLEANS** \$2,159.7 \$631.6 38.9 \$129.9 2 EAST BATON ROUGE 123.9 42.0 678.2 6.3 3 **JEFFERSON** 513.5 125.0 6.7 30.3 4 **CADDO** 457.2 110.0 5.3 30.0 5 **LAFAYETTE** 337.5 58.2 3.1 21.9 6 **BOSSIER** 337.3 111.3 5.8 24.4 Top Five Parish Total \$4,146.2 \$1,048.7 60.3 \$254.1 State Total \$6,425.0 \$1,529.3 \$86.6 \$417.7 Share Of Top 5 Parishes 60.8% 64.5% 68.6% 69.6% 2005 Travel Impact **ORLEANS** \$3,347.3 \$853.3 56.9 \$206.7 1 2 **JEFFERSON** 717.2 152.4 8.9 43.5 3 EAST BATON ROUGE 580.3 106.2 5.8 36.5 4 **CADDO** 532.0 104.9 5.2 35.5 5 **BOSSIER** 402.6 108.5 5.9 29.6 6 *LAFAYETTE* 265.4 48.5 2.8 17.5 Top Five Parish Total \$5,579.4 \$1,325.3 82.6 \$351.7 State Total \$7,888.6 \$1,721.7 \$517.8 106.3 Share Of Top 5 Parishes 70.7% 77.0% 77.7% 67.9% 2004 Travel Impact \$1,005.2 1 **ORLEANS** \$4,376.5 63.5 \$275.5 2 **JEFFERSON** 945.0 180.7 10.0 58.5 3 EAST BATON ROUGE 639.9 116.2 6.2 41.0 4 **CADDO** 104.2 5.2 34.6 508.6 5 **BOSSIER** 367.0 103.1 5.6 27.5 *LAFAYETTE* 335.2 55.6 3.1 22.6 Top Five Parish Total \$6,837.1 \$1,509.4 90.4 \$437.1 State Total \$9,539.4 \$1,956.4 \$635.0 116.1 Share Of Top 5 Parishes 71.7% 77.9% 77.2% 68.8%

Source: TIA

Table 9-2: Percent changes of Domestic Travel Impact in Louisiana - Top 5 Parishes, 2006 over 2005 and 2006 over 2004

Percentage Change 2006 over 2005	Expenditures (\$ million)	Payroll (\$ million)	Employment (thousands)	State & Local Tax Revenue (\$ million)
ORLEANS	-35.5%	-26.0%	-31.7%	-37.1%
EAST BATON ROUGE	16.9%	16.7%	9.0%	15.2%
JEFFERSON	-28.4%	-18.0%	-24.3%	-30.5%
CADDO	-14.1%	4.9%	2.0%	-15.3%
LAFAYETTE	27.2%	19.9%	9.6%	25.3%
BOSSIER	-16.2%	2.5%	-0.5%	-17.4%
Top Five Parish Total	-25.7%	-20.9%	-27.0%	-27.7%
State Total	-18.6%	-11.2%	-18.5%	-19.3%

Percentage Change 2006 over 2004	Expenditures (\$ million)	Payroll (\$ million)	Employment (thousands)	State & Local Tax Revenue (\$ million)
ORLEANS	-50.7%	-37.2%	-38.8%	-52.8%
EAST BATON ROUGE	6.0%	6.7%	2.9%	2.3%
JEFFERSON	-45.7%	-30.8%	-32.6%	-48.3%
CADDO	-10.1%	5.5%	1.8%	-13.2%
LAFAYETTE	0.7%	4.7%	1.0%	-2.8%
BOSSIER	-8.1%	7.9%	4.1%	-11.2%
Top Five Parish Total	-39.4%	-30.5%	-33.3%	-41.9%
State Total	-32.6%	-21.8%	-25.4%	-34.2%

Source: TIA

PARISH TABLES

The following tables list the results of the Parish Economic Impact Component of the TIA's Travel Economic Impact Model for Louisiana in 2006, 2005 and 2004. The estimates presented are for direct domestic travel expenditures and related economic impact.

- Table A shows the parishes listed alphabetically, with 2006 travel expenditures, travel-generated payroll and employment, and state tax revenue and the local tax revenue for each.
- Table B ranks the parishes in order of 2006 travel expenditures from highest to lowest.
- Table C shows the percent distribution for each impact measure in 2006.
- Table D shows the percent change in 2006 over 2005 estimates for each of the measures of economic impact.
- Table E shows the percent change in 2006 over 2004 estimates for each of the measures of economic impact.
- Table F shows the parishes listed alphabetically, with 2005 travel expenditures, travel-generated payroll and employment, and state tax revenue and local tax revenue shown for each.
- Table G shows the parishes listed alphabetically, with 2004 travel expenditures, travel-generated payroll and employment, and state tax revenue and local tax revenue shown for each.

2006 Domestic Travel Impact on Louisiana Table A: Alphabetical by Parish, 2006

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
ACADIA	\$23.23	\$2.65	0.15	\$1.32	\$0.42
ALLEN	114.45	36.42	1.86	3.32	2.24
ASCENSION	48.06	6.63	0.42	2.61	0.75
ASSUMPTION	7.52	0.95	0.06	0.40	0.17
AVOYELLES	82.22	22.25	1.18	2.00	1.27
BEAUREGARD	11.69	1.82	0.10	0.61	0.86
BIENVILLE	7.79	1.15	0.07	0.40	0.56
BOSSIER	337.31	111.26	5.84	14.94	9.50
CADDO	457.21	110.00	5.27	20.73	9.30
CALCASIEU	325.04	78.07	4.00	14.41	8.40
CALDWELL	6.45	0.99	0.06	0.30	0.41
CAMERON	3.09	0.52	0.04	0.14	0.18
CATAHOULA	4.03	0.77	0.05	0.17	0.25
CLAIBORNE	7.43	1.32	0.08	0.33	0.38
CONCORDIA	9.40	1.32	0.08	0.47	0.42
DE SOTO	11.93	1.63	0.10	0.66	0.40
EAST BATON ROUGE	678.19	123.91	6.33	30.15	11.84
EAST CARROLL	7.84	0.98	0.07	0.47	0.17
EAST FELICIANA	2.45	0.47	0.03	0.10	0.15
EVANGELINE	12.13	2.11	0.13	0.59	0.44
FRANKLIN	6.58	1.15	0.09	0.26	0.21
GRANT	2.86	0.53	0.04	0.12	0.24
IBERIA	30.38	5.29	0.32	1.47	0.52
IBERVILLE	14.44	2.49	0.13	0.74	0.58
JACKSON	6.99	1.10	0.08	0.26	0.18
JEFFERSON	513.51	125.04	6.71	19.99	10.28
JEFFERSON DAVIS	13.09	1.90	0.13	0.69	0.30

2006 Domestic Travel Impact on Louisiana Table A: Alphabetical by Parish, 2006 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
LAFAYETTE	337.52	58.17	3.09	15.96	5.99
LAFOURCHE	48.07	6.83	0.40	2.58	0.78
LASALLE	3.74	0.68	0.05	0.15	0.19
LINCOLN	21.94	4.23	0.28	1.05	0.52
LIVINGSTON	25.59	2.78	0.15	1.40	0.87
MADISON	34.34	3.18	0.16	2.31	0.50
MOREHOUSE	12.43	2.27	0.14	0.61	0.32
NATCHITOCHES	27.36	4.92	0.32	1.35	0.94
ORLEANS	2,159.74	631.59	38.87	77.17	52.73
OUACHITA	168.05	36.04	1.81	7.04	3.10
PLAQUEMINES	17.40	2.96	0.16	0.84	1.24
POINTE COUPEE	7.02	1.06	0.07	0.33	0.17
RAPIDES	107.37	19.08	1.06	5.13	2.02
RED RIVER	4.29	0.64	0.04	0.23	0.14
RICHLAND	16.57	2.28	0.14	0.95	0.31
SABINE	16.68	2.54	0.14	0.77	1.66
SAINT BERNARD	27.37	4.10	0.24	1.42	0.39
SAINT CHARLES	24.50	3.81	0.23	1.19	0.34
SAINT HELENA	1.66	0.37	0.03	0.06	0.11
SAINT JAMES	7.43	1.14	0.08	0.34	0.12
SAINT JOHN THE BAPTIST	21.25	4.04	0.26	0.99	0.43
SAINT LANDRY	74.78	10.06	0.63	4.15	2.05
SAINT MARTIN	16.39	2.33	0.12	0.83	0.89
SAINT MARY	67.85	17.65	0.96	1.99	1.10
SAINT TAMMANY	111.87	18.54	1.07	5.89	2.98
TANGIPAHOA	93.88	10.90	0.63	5.21	1.55
TENSAS	3.20	0.77	0.04	0.13	0.34

2006 Domestic Travel Impact on Louisiana Table A: Alphabetical by Parish, 2006 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
TERREBONNE	70.83	11.48	0.70	3.74	1.21
UNION	9.99	1.30	0.08	0.54	0.66
VERMILION	25.16	3.03	0.17	1.42	0.63
VERNON	15.51	2.45	0.15	0.78	0.63
WASHINGTON	14.66	1.93	0.11	0.78	0.40
WEBSTER	35.73	4.89	0.27	2.04	1.08
WEST BATON ROUGE	28.79	4.42	0.27	1.63	0.53
WEST CARROLL	3.19	0.58	0.04	0.13	0.12
WEST FELICIANA	12.20	2.32	0.15	0.63	0.47
WINN	5.35	1.21	0.09	0.22	0.23
STATE TOTALS	\$6,425.02	\$1,529.27	86.6	\$269.59	\$148.13

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2006 Domestic Travel Impact on Louisiana Table B: Ranking of Parishes by Expenditure Levels, 2006

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
ORLEANS	\$2,159.74	\$631.59	38.87	\$77.17	\$52.73
EAST BATON ROUGE	678.19	123.91	6.33	30.15	11.84
JEFFERSON	513.51	125.04	6.71	19.99	10.28
CADDO	457.21	110.00	5.27	20.73	9.30
LAFAYETTE	337.52	58.17	3.09	15.96	5.99
BOSSIER	337.31	111.26	5.84	14.94	9.50
CALCASIEU	325.04	78.07	4.00	14.41	8.40
OUACHITA	168.05	36.04	1.81	7.04	3.10
ALLEN	114.45	36.42	1.86	3.32	2.24
SAINT TAMMANY	111.87	18.54	1.07	5.89	2.98
RAPIDES	107.37	19.08	1.06	5.13	2.02
TANGIPAHOA	93.88	10.90	0.63	5.21	1.55
AVOYELLES	82.22	22.25	1.18	2.00	1.27
SAINT LANDRY	74.78	10.06	0.63	4.15	2.05
TERREBONNE	70.83	11.48	0.70	3.74	1.21
SAINT MARY	67.85	17.65	0.96	1.99	1.10
LAFOURCHE	48.07	6.83	0.40	2.58	0.78
ASCENSION	48.06	6.63	0.42	2.61	0.75
WEBSTER	35.73	4.89	0.27	2.04	1.08
MADISON	34.34	3.18	0.16	2.31	0.50
IBERIA	30.38	5.29	0.32	1.47	0.52
WEST BATON ROUGE	28.79	4.42	0.27	1.63	0.53
SAINT BERNARD	27.37	4.10	0.24	1.42	0.39
NATCHITOCHES	27.36	4.92	0.32	1.35	0.94
LIVINGSTON	25.59	2.78	0.15	1.40	0.87
VERMILION	25.16	3.03	0.17	1.42	0.63
SAINT CHARLES	24.50	3.81	0.23	1.19	0.34

2006 Domestic Travel Impact on Louisiana
Table B: Ranking of Parishes by Expenditure Levels, 2006 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
ACADIA	23.23	2.65	0.15	1.32	0.42
LINCOLN	21.94	4.23	0.28	1.05	0.52
SAINT JOHN THE BAPTIST	21.25	4.04	0.26	0.99	0.43
PLAQUEMINES	17.40	2.96	0.16	0.84	1.24
SABINE	16.68	2.54	0.14	0.77	1.66
RICHLAND	16.57	2.28	0.14	0.95	0.31
SAINT MARTIN	16.39	2.33	0.12	0.83	0.89
VERNON	15.51	2.45	0.15	0.78	0.63
WASHINGTON	14.66	1.93	0.11	0.78	0.40
IBERVILLE	14.44	2.49	0.13	0.74	0.58
JEFFERSON DAVIS	13.09	1.90	0.13	0.69	0.30
MOREHOUSE	12.43	2.27	0.14	0.61	0.32
WEST FELICIANA	12.20	2.32	0.15	0.63	0.47
EVANGELINE	12.13	2.11	0.13	0.59	0.44
DE SOTO	11.93	1.63	0.10	0.66	0.40
BEAUREGARD	11.69	1.82	0.10	0.61	0.86
UNION	9.99	1.30	0.08	0.54	0.66
CONCORDIA	9.40	1.32	0.08	0.47	0.42
EAST CARROLL	7.84	0.98	0.07	0.47	0.17
BIENVILLE	7.79	1.15	0.07	0.40	0.56
ASSUMPTION	7.52	0.95	0.06	0.40	0.17
CLAIBORNE	7.43	1.32	0.08	0.33	0.38
SAINT JAMES	7.43	1.14	0.08	0.34	0.12
POINTE COUPEE	7.02	1.06	0.07	0.33	0.17
JACKSON	6.99	1.10	0.08	0.26	0.18
FRANKLIN	6.58	1.15	0.09	0.26	0.21
CALDWELL	6.45	0.99	0.06	0.30	0.41

2006 Domestic Travel Impact on Louisiana
Table B: Ranking of Parishes by Expenditure Levels, 2006 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
WINN	5.35	1.21	0.09	0.22	0.23
RED RIVER	4.29	0.64	0.04	0.23	0.14
CATAHOULA	4.03	0.77	0.05	0.17	0.25
LASALLE	3.74	0.68	0.05	0.15	0.19
TENSAS	3.20	0.77	0.04	0.13	0.34
WEST CARROLL	3.19	0.58	0.04	0.13	0.12
CAMERON	3.09	0.52	0.04	0.14	0.18
GRANT	2.86	0.53	0.04	0.12	0.24
EAST FELICIANA	2.45	0.47	0.03	0.10	0.15
SAINT HELENA	1.66	0.37	0.03	0.06	0.11
STATE TOTALS	\$6,425.02	\$1,529.27	86.62	\$269.59	\$148.13

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2006 Domestic Travel Impact on Louisiana Table C: Percent Distribution by Parish, 2006

<u>Parish</u>	Expenditures	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax Receipts
ACADIA	0.36%	0.17%	0.18%	0.49%	0.28%
ALLEN	1.78%	2.38%	2.15%	1.23%	1.51%
ASCENSION	0.75%	0.43%	0.48%	0.97%	0.51%
ASSUMPTION	0.12%	0.06%	0.06%	0.15%	0.11%
AVOYELLES	1.28%	1.46%	1.36%	0.74%	0.86%
BEAUREGARD	0.18%	0.12%	0.11%	0.23%	0.58%
BIENVILLE	0.12%	0.08%	0.08%	0.15%	0.38%
BOSSIER	5.25%	7.28%	6.75%	5.54%	6.41%
CADDO	7.12%	7.19%	6.08%	7.69%	6.28%
CALCASIEU	5.06%	5.11%	4.62%	5.35%	5.67%
CALDWELL	0.10%	0.06%	0.07%	0.11%	0.27%
CAMERON	0.05%	0.03%	0.04%	0.05%	0.12%
CATAHOULA	0.06%	0.05%	0.06%	0.06%	0.17%
CLAIBORNE	0.12%	0.09%	0.10%	0.12%	0.26%
CONCORDIA	0.15%	0.09%	0.09%	0.18%	0.29%
DE SOTO	0.19%	0.11%	0.11%	0.25%	0.27%
EAST BATON ROUGE	10.56%	8.10%	7.31%	11.18%	7.99%
EAST CARROLL	0.12%	0.06%	0.08%	0.17%	0.12%
EAST FELICIANA	0.04%	0.03%	0.04%	0.04%	0.10%
EVANGELINE	0.19%	0.14%	0.15%	0.22%	0.30%
FRANKLIN	0.10%	0.08%	0.10%	0.10%	0.14%
GRANT	0.04%	0.03%	0.05%	0.04%	0.16%
IBERIA	0.47%	0.35%	0.37%	0.55%	0.35%
IBERVILLE	0.22%	0.16%	0.16%	0.28%	0.39%
JACKSON	0.11%	0.07%	0.09%	0.10%	0.12%
JEFFERSON	7.99%	8.18%	7.75%	7.41%	6.94%
JEFFERSON DAVIS	0.20%	0.12%	0.15%	0.26%	0.20%

2006 Domestic Travel Impact on Louisiana Table C: Percent Distribution by Parish, 2006 (Continued)

<u>Parish</u>	Expenditures	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax Receipts
LAFAYETTE	5.25%	3.80%	3.57%	5.92%	4.04%
LAFOURCHE	0.75%	0.45%	0.47%	0.96%	0.53%
LASALLE	0.06%	0.04%	0.05%	0.05%	0.13%
LINCOLN	0.34%	0.28%	0.33%	0.39%	0.35%
LIVINGSTON	0.40%	0.18%	0.18%	0.52%	0.59%
MADISON	0.53%	0.21%	0.19%	0.86%	0.34%
MOREHOUSE	0.19%	0.15%	0.16%	0.22%	0.22%
NATCHITOCHES	0.43%	0.32%	0.37%	0.50%	0.64%
ORLEANS	33.61%	41.30%	44.87%	28.62%	35.60%
OUACHITA	2.62%	2.36%	2.09%	2.61%	2.09%
PLAQUEMINES	0.27%	0.19%	0.18%	0.31%	0.84%
POINTE COUPEE	0.11%	0.07%	0.08%	0.12%	0.11%
RAPIDES	1.67%	1.25%	1.22%	1.90%	1.36%
RED RIVER	0.07%	0.04%	0.05%	0.08%	0.09%
RICHLAND	0.26%	0.15%	0.16%	0.35%	0.21%
SABINE	0.26%	0.17%	0.16%	0.28%	1.12%
SAINT BERNARD	0.43%	0.27%	0.27%	0.53%	0.26%
SAINT CHARLES	0.38%	0.25%	0.27%	0.44%	0.23%
SAINT HELENA	0.03%	0.02%	0.03%	0.02%	0.07%
SAINT JAMES	0.12%	0.07%	0.09%	0.13%	0.08%
SAINT JOHN THE BAPTIST	0.33%	0.26%	0.30%	0.37%	0.29%
SAINT LANDRY	1.16%	0.66%	0.73%	1.54%	1.38%
SAINT MARTIN	0.26%	0.15%	0.14%	0.31%	0.60%
SAINT MARY	1.06%	1.15%	1.11%	0.74%	0.74%
SAINT TAMMANY	1.74%	1.21%	1.23%	2.19%	2.01%
TANGIPAHOA	1.46%	0.71%	0.73%	1.93%	1.05%
TENSAS	0.05%	0.05%	0.05%	0.05%	0.23%

2006 Domestic Travel Impact on Louisiana Table C: Percent Distribution by Parish, 2006 (Continued)

<u>Parish</u>	Expenditures	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax Receipts
TERREBONNE	1.10%	0.75%	0.80%	1.39%	0.81%
UNION	0.16%	0.09%	0.09%	0.20%	0.45%
VERMILION	0.39%	0.20%	0.20%	0.53%	0.42%
VERNON	0.24%	0.16%	0.17%	0.29%	0.43%
WASHINGTON	0.23%	0.13%	0.13%	0.29%	0.27%
WEBSTER	0.56%	0.32%	0.31%	0.76%	0.73%
WEST BATON ROUGE	0.45%	0.29%	0.31%	0.60%	0.36%
WEST CARROLL	0.05%	0.04%	0.05%	0.05%	0.08%
WEST FELICIANA	0.19%	0.15%	0.17%	0.23%	0.32%
WINN	0.08%	0.08%	0.10%	0.08%	0.16%
STATE TOTALS	100.00%	100.00%	100.00%	100.00%	100.00%

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2006 Domestic Travel Impact on Louisiana Table D: Percent Change over 2005

<u>Parish</u>	Expenditures	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax <u>Receipts</u>
ACADIA	-11.75%	-5.54%	-13.58%	-12.99%	-13.14%
ALLEN	-26.79%	-7.67%	-15.54%	-27.82%	-27.95%
ASCENSION	-10.25%	-5.71%	-13.80%	-11.51%	-11.67%
ASSUMPTION	-5.16%	0.07%	-8.50%	-6.50%	-6.66%
AVOYELLES	-4.05%	20.72%	10.35%	-5.40%	-5.56%
BEAUREGARD	-10.85%	12.34%	2.74%	-12.10%	-12.26%
BIENVILLE	-18.66%	-0.62%	-3.42%	-19.80%	-19.94%
BOSSIER	-16.21%	2.54%	-0.49%	-17.39%	-17.53%
CADDO	-14.06%	4.88%	2.03%	-15.27%	-15.41%
CALCASIEU	40.36%	24.49%	13.84%	38.39%	38.15%
CALDWELL	-14.53%	4.29%	1.46%	-15.74%	-15.88%
CAMERON	1.33%	5.29%	-3.78%	-0.10%	-0.27%
CATAHOULA	-16.94%	1.64%	-1.37%	-18.11%	-18.25%
CLAIBORNE	-15.54%	3.07%	0.27%	-16.73%	-16.87%
CONCORDIA	-9.49%	13.99%	4.23%	-10.76%	-10.92%
DE SOTO	-15.09%	3.59%	0.80%	-16.28%	-16.43%
EAST BATON ROUGE	16.87%	16.71%	8.98%	15.23%	15.03%
EAST CARROLL	-20.34%	-2.47%	-5.40%	-21.46%	-21.60%
EAST FELICIANA	-7.75%	-2.22%	-10.58%	-9.05%	-9.20%
EVANGELINE	-12.10%	10.77%	1.31%	-13.34%	-13.49%
FRANKLIN	-15.79%	2.89%	-0.01%	-16.97%	-17.11%
GRANT	-15.42%	3.21%	0.41%	-16.61%	-16.75%
IBERIA	-3.86%	1.80%	-6.91%	-5.22%	-5.38%
IBERVILLE	-5.11%	0.02%	-8.54%	-6.45%	-6.61%
JACKSON	-14.81%	3.94%	1.14%	-16.00%	-16.15%
JEFFERSON	-28.40%	-17.98%	-24.28%	-31.69%	-28.04%
JEFFERSON DAVIS	-4.50%	1.40%	-7.26%	-5.84%	-6.00%

2006 Domestic Travel Impact on Louisiana Table D: Percent Change Over 2005 (Continued)

<u>Parish</u>	Expenditures	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax <u>Receipts</u>
LAFAYETTE	27.18%	19.88%	9.65%	25.39%	25.17%
LAFOURCHE	-3.84%	1.70%	-7.00%	-5.19%	-5.36%
LASALLE	-14.94%	3.84%	0.99%	-16.13%	-16.28%
, nygot v	44.500/	5 0 5 0 <i>t</i>	1501	10.000	10.150
LINCOLN	-11.78%	7.85%	4.76%	-13.02%	-13.17%
LIVINGSTON	-6.78%	-0.70%	-9.17%	-8.09%	-8.25%
MADISON	-13.85%	4.88%	2.25%	-15.06%	-15.21%
MOREHOUSE	-17.03%	1.40%	-1.48%	-18.19%	-18.33%
NATCHITOCHES	-18.68%	-0.85%	-3.47%	-19.82%	-19.96%
ORLEANS	-35.48%	-25.98%	-31.67%	-38.45%	-35.15%
OLIA CILITA	11.770/	7.65%	4.740/	12.010/	12.160/
OUACHITA	-11.77%		4.74%	-13.01%	-13.16%
PLAQUEMINES	7.66%	-0.64%	-9.17%	6.15%	5.97%
POINTE COUPEE	-3.61%	1.53%	-7.17%	-4.97%	-5.13%
RAPIDES	-15.44%	3.41%	0.42%	-16.63%	-16.77%
RED RIVER	-19.93%	-2.21%	-4.94%	-21.06%	-21.20%
RICHLAND	-10.01%	10.06%	6.87%	-11.27%	-11.42%
SABINE	-15.80%	2.82%	-0.03%	-16.98%	-17.12%
SAINT BERNARD	-8.71%	-4.66%	-12.85%	-9.99%	-10.15%
SAINT BERNARD SAINT CHARLES					
SAINT CHARLES	-2.99%	1.57%	-7.16%	-4.35%	-4.52%
SAINT HELENA	-5.26%	-0.07%	-8.63%	-6.59%	-6.75%
SAINT JAMES	-5.06%	0.59%	-8.01%	-6.40%	-6.56%
SAINT JOHN THE BAPTIST	0.23%	5.32%	-3.71%	-1.18%	-1.35%
SAINT LANDRY	0.17%	26.15%	15.35%	-1.24%	-1.41%
SAINT MARTIN	-8.51%	-3.31%	-11.58%	-9.80%	-9.96%
SAINT MARTIN SAINT MARY					
SAINT WAKT	-5.70%	0.17%	-8.38%	-7.03%	-7.19%
SAINT TAMMANY	-11.41%	-6.04%	-14.07%	-12.65%	-12.81%
TANGIPAHOA	-2.53%	3.27%	-5.56%	-3.91%	-4.07%
TENSAS	-15.09%	3.67%	0.81%	-16.28%	-16.42%

2006 Domestic Travel Impact on Louisiana Table D: Percent Change Over 2005 (Continued)

<u>Parish</u>	<u>Expenditures</u>	<u>Payroll</u>	Employment	State Tax <u>Receipts</u>	Local Tax <u>Receipts</u>
TERREBONNE	-5.69%	0.19%	-8.37%	-7.01%	-7.18%
UNION	-16.11%	2.55%	-0.39%	-17.29%	-17.43%
VERMILION	-10.83%	-5.94%	-13.99%	-12.08%	-12.24%
VERNON	-19.36%	-1.34%	-4.24%	-20.50%	-20.64%
WASHINGTON	-3.33%	1.67%	-7.05%	-4.69%	-4.86%
WEBSTER	-16.02%	2.56%	-0.29%	-17.20%	-17.34%
WEST BATON ROUGE	-11.82%	-6.99%	-14.96%	-13.06%	-13.21%
WEST CARROLL	-15.50%	3.20%	0.33%	-16.69%	-16.83%
WEST FELICIANA	-7.85%	-2.37%	-10.72%	-9.14%	-9.30%
WINN	-16.38%	2.14%	-0.72%	-17.56%	-17.70%
STATE TOTALS	-18.55%	-11.18%	-18.48%	-18.97%	-19.97%

2006 Domestic Travel Impact on Louisiana Table E: Percent Change over 2004

Parish	Expenditures	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax Receipts
<u>1 arisii</u>	<u>Expenditures</u>	<u>1 ayron</u>	Employment	<u>Receipts</u>	<u>Receipts</u>
ACADIA	-27.89%	-15.33%	-18.32%	-30.50%	-30.01%
ALLEN	-30.49%	-18.39%	-21.27%	-33.01%	-32.53%
ASCENSION	-33.83%	-22.31%	-25.05%	-36.23%	-35.78%
ASSUMPTION	-28.44%	-15.97%	-18.94%	-31.03%	-30.54%
AVOYELLES	-16.41%	-1.86%	-5.32%	-19.44%	-18.87%
BEAUREGARD	-18.01%	-3.73%	-7.13%	-20.98%	-20.42%
DLAUKLGAKD	-10.0170	-5.7570	-7.1370	-20.7670	-20.4270
BIENVILLE	-13.37%	1.71%	-1.88%	-16.52%	-15.92%
BOSSIER	-8.09%	7.91%	4.10%	-11.43%	-10.80%
CADDO	-10.10%	5.55%	1.82%	-13.37%	-12.75%
CALCASIEU	6.89%	5.30%	1.59%	3.01%	3.74%
CALDWELL	-10.77%	4.77%	1.07%	-14.00%	-13.39%
CAMERON	-29.43%	-17.14%	-20.07%	-31.99%	-31.51%
CATAHOULA	-8.92%	6.94%	3.17%	-12.22%	-11.60%
CLAIBORNE	-11.76%	3.60%	-0.06%	-14.97%	-14.36%
CONCORDIA	-18.36%	-4.15%	-7.53%	-21.32%	-20.76%
CONCORDIA	-10.5070	- 4 .1 <i>5</i> /0	-7.5570	-21.32/0	-20.7070
DE SOTO	-11.74%	3.62%	-0.03%	-14.94%	-14.34%
EAST BATON ROUGE	5.98%	6.65%	2.89%	2.13%	2.86%
EAST CARROLL	-11.75%	3.62%	-0.04%	-14.95%	-14.34%
EAST FELICIANA	-28.67%	-16.25%	-19.20%	-31.26%	-30.77%
EVANGELINE	-18.83%	-4.69%	-8.06%	-21.77%	-21.21%
FRANKLIN	-10.27%	5.35%	1.64%	-13.52%	-12.91%
GRANT	-11.76%	3.61%	-0.05%	-14.96%	-14.35%
IBERIA	-26.08%	-13.21%	-16.28%	-28.76%	-28.26%
IBERVILLE	-28.79%	-16.39%	-19.34%	-31.37%	-30.89%
JACKSON	-11.29%	4.16%	0.48%	-14.51%	-13.90%
JEFFERSON	-45.66%	-30.81%	-32.61%	-49.33%	-46.14%
JEFFERSON DAVIS	-25.49%	-12.51%	-15.60%	-28.19%	-27.68%
JEI I ENGON DITTIO	23.77/0	12.51/0	13.0070	20.17/0	27.0070

2006 Domestic Travel Impact on Louisiana Table E: Percent Change Over 2004 (Continued)

<u>Parish</u>	<u>Expenditures</u>	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax <u>Receipts</u>
LAFAYETTE	0.70%	4.70%	1.00%	-2.95%	-2.26%
LAFOURCHE	-26.56%	-13.77%	-16.82%	-29.23%	-28.72%
LASALLE	-10.66%	4.90%	1.20%	-13.90%	-13.29%
LINCOLN	-5.03%	11.50%	7.57%	-8.48%	-7.82%
LIVINGSTON	-25.90%	-13.00%	-16.07%	-28.59%	-28.08%
MADISON	-13.49%	1.57%	-2.01%	-16.63%	-16.04%
MOREHOUSE	-11.20%	4.27%	0.59%	-14.42%	-13.81%
NATCHITOCHES	-16.35%	-1.79%	-5.26%	-19.39%	-18.82%
ORLEANS	-50.65%	-37.17%	-38.81%	-53.98%	-51.09%
OUACHITA	-8.13%	7.87%	4.06%	-11.46%	-10.83%
PLAQUEMINES	-22.05%	-19.33%	-22.18%	-24.88%	-24.35%
POINTE COUPEE	-27.94%	-15.39%	-18.37%	-30.55%	-30.06%
RAPIDES	-8.48%	7.46%	3.67%	-11.80%	-11.17%
RED RIVER	-8.48% -15.07%	-0.29%	-3.80%	-11.80% -18.15%	-11.17% -17.57%
RICHLAND				-18.13% -5.96%	-17.37% -5.29%
RICHLAND	-2.42%	14.57%	10.53%	-3.96%	-3.29%
SABINE	-11.06%	4.43%	0.74%	-14.29%	-13.68%
SAINT BERNARD	-34.76%	-23.40%	-26.10%	-37.12%	-36.68%
SAINT CHARLES	-29.79%	-17.56%	-20.47%	-32.33%	-31.85%
CAINT HELENIA	29. (70)	16.250/	10.210/	21.260/	20.770/
SAINT HELENA SAINT JAMES	-28.67% -26.75%	-16.25% -14.00%	-19.21% -17.03%	-31.26% -29.41%	-30.77%
W					-28.90%
SAINT JOHN THE BAPTIST	-26.04%	-13.16%	-16.23%	-28.72%	-28.22%
SAINT LANDRY	-9.85%	5.85%	2.12%	-13.12%	-12.50%
SAINT MARTIN	-30.37%	-18.25%	-21.13%	-32.90%	-32.42%
SAINT MARY	-26.20%	-13.34%	-16.40%	-28.87%	-28.37%
a		40.00			
SAINT TAMMANY	-31.27%	-19.30%	-22.15%	-33.76%	-33.29%
TANGIPAHOA	-24.78%	-11.69%	-14.80%	-27.51%	-27.00%
TENSAS	-10.62%	4.94%	1.24%	-13.86%	-13.25%

2006 Domestic Travel Impact on Louisiana Table E: Percent Change Over 2004 (Continued)

<u>Parish</u>	Expenditures	<u>Payroll</u>	Employment	State Tax Receipts	Local Tax Receipts
TERREBONNE	-26.18%	-13.33%	-16.39%	-28.86%	-28.35%
UNION	-9.71%	6.01%	2.27%	-12.99%	-12.37%
VERMILION	-32.83%	-21.13%	-23.92%	-35.27%	-34.80%
VERNON	-11.85%	3.49%	-0.16%	-15.05%	-14.45%
WASHINGTON	-28.32%	-15.84%	-18.81%	-30.92%	-30.43%
WEBSTER	-11.11%	4.37%	0.68%	-14.34%	-13.73%
WEST BATON ROUGE	-33.62%	-22.07%	-24.82%	-36.03%	-35.58%
WEST CARROLL	-10.49%	5.09%	1.38%	-13.74%	-13.13%
WEST FELICIANA	-28.95%	-16.57%	-19.52%	-31.52%	-31.04%
WINN	-11.27%	4.18%	0.50%	-14.49%	-13.88%
STATE TOTALS	-32.65%	-21.83%	-25.37%	-34.08%	-34.47%

2006 Domestic Travel Impact on Louisiana Table F: Alphabetical by Parish, 2005

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
ACADIA	\$26.32	\$2.81	0.18	\$1.51	\$0.48
ALLEN	156.34	39.44	2.20	4.59	3.11
ASCENSION	53.55	7.03	0.48	2.95	0.85
ASSUMPTION	7.93	0.95	0.06	0.43	0.18
AVOYELLES	85.69	18.43	1.07	2.11	1.34
BEAUREGARD	13.11	1.62	0.09	0.69	0.97
BIENVILLE	9.58	1.16	0.07	0.50	0.70
BOSSIER	402.56	108.51	5.87	18.08	11.52
CADDO	532.01	104.87	5.17	24.46	10.99
CALCASIEU	231.57	62.71	3.51	10.42	6.08
CALDWELL	7.55	0.95	0.06	0.36	0.48
CAMERON	3.05	0.49	0.04	0.14	0.18
CATAHOULA	4.85	0.75	0.05	0.20	0.30
CLAIBORNE	8.80	1.28	0.08	0.40	0.46
CONCORDIA	10.38	1.16	0.08	0.53	0.48
DE SOTO	14.05	1.58	0.10	0.79	0.47
EAST BATON ROUGE	580.28	106.17	5.81	26.17	10.29
EAST CARROLL	9.85	1.01	0.07	0.59	0.22
EAST FELICIANA	2.66	0.48	0.04	0.11	0.17
EVANGELINE	13.80	1.91	0.12	0.69	0.51
FRANKLIN	7.81	1.12	0.09	0.32	0.25
GRANT	3.38	0.52	0.04	0.14	0.29
IBERIA	31.60	5.20	0.35	1.55	0.55
IBERVILLE	15.22	2.49	0.15	0.79	0.62
JACKSON	8.20	1.06	0.07	0.31	0.21
JEFFERSON	717.19	152.45	8.87	29.26	14.28
JEFFERSON DAVIS	13.71	1.88	0.14	0.74	0.31

2006 Domestic Travel Impact on Louisiana Table F: Alphabetical by Parish, 2005 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
LAFAYETTE	265.39	48.52	2.82	12.73	4.78
LAFOURCHE	49.99	6.72	0.43	2.72	0.82
LASALLE	4.40	0.65	0.05	0.18	0.22
LINCOLN	24.87	3.92	0.27	1.21	0.60
LIVINGSTON	27.45	2.80	0.17	1.53	0.95
MADISON	39.86	3.03	0.16	2.72	0.59
MOREHOUSE	14.98	2.24	0.14	0.74	0.40
NATCHITOCHES	33.64	4.97	0.33	1.68	1.18
ORLEANS	3,347.35	853.32	56.88	125.36	81.31
OUACHITA	190.47	33.48	1.73	8.09	3.57
PLAQUEMINES	16.16	2.98	0.17	0.79	1.17
POINTE COUPEE	7.29	1.04	0.07	0.35	0.18
RAPIDES	126.97	18.45	1.06	6.16	2.42
RED RIVER	5.36	0.65	0.04	0.29	0.18
RICHLAND	18.42	2.07	0.13	1.07	0.35
SABINE	19.80	2.47	0.14	0.92	2.01
SAINT BERNARD	29.98	4.30	0.27	1.58	0.43
SAINT CHARLES	25.26	3.75	0.25	1.24	0.36
SAINT HELENA	1.76	0.37	0.03	0.07	0.11
SAINT JAMES	7.83	1.13	0.09	0.36	0.12
SAINT JOHN THE BAPTIST	21.20	3.83	0.27	1.00	0.44
SAINT LANDRY	74.65	7.98	0.55	4.20	2.08
SAINT MARTIN	17.91	2.41	0.14	0.92	0.99
SAINT MARY	71.95	17.62	1.05	2.14	1.18
SAINT TAMMANY	126.27	19.73	1.24	6.74	3.42
TANGIPAHOA	96.32	10.56	0.67	5.42	1.62
TENSAS	3.77	0.74	0.04	0.15	0.41

2006 Domestic Travel Impact on Louisiana Table F: Alphabetical by Parish, 2005 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
TERREBONNE UNION	75.10 11.91	11.45 1.27	0.76 0.08	4.02 0.65	1.30 0.80
VERMILION	28.22	3.22	0.20	1.61	0.71
VERNON	19.24	2.48	0.16	0.98	0.80
WASHINGTON WEBSTER	15.17 42.54	1.90 4.77	0.12 0.27	0.82 2.46	0.42 1.30
WEST BATON ROUGE	32.65	4.75	0.32	1.87	0.61
WEST CARROLL WEST FELICIANA	3.77 13.24	0.57 2.38	0.04 0.17	0.15 0.69	0.14 0.52
WINN	6.39	1.18	0.09	0.27	0.28
STATE TOTALS	\$7,888.56	\$1,721.71	106.25	\$332.71	\$185.09

2006 Domestic Travel Impact on Louisiana Table G: Alphabetical by Parish, 2004

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
ACADIA	\$32.21	\$3.13	0.19	\$1.89	\$0.60
ALLEN	164.65	44.62	2.36	4.95	3.32
ASCENSION	72.63	8.53	0.56	4.09	1.17
ASSUMPTION	10.51	1.13	0.07	0.58	0.24
AVOYELLES	98.36	22.68	1.25	2.48	1.56
BEAUREGARD	14.25	1.89	0.10	0.77	1.07
BIENVILLE	9.00	1.13	0.07	0.48	0.67
BOSSIER	367.01	103.11	5.61	16.87	10.65
CADDO	508.60	104.21	5.18	23.92	10.66
CALCASIEU	304.10	74.14	3.94	13.99	8.10
CALDWELL	7.23	0.95	0.06	0.35	0.47
CAMERON	4.38	0.63	0.05	0.20	0.27
CATAHOULA	4.42	0.72	0.05	0.19	0.28
CLAIBORNE	8.42	1.27	0.08	0.39	0.44
CONCORDIA	11.51	1.38	0.09	0.60	0.53
DE SOTO	13.52	1.58	0.10	0.78	0.46
EAST BATON ROUGE	639.94	116.18	6.15	29.52	11.51
EAST CARROLL	8.89	0.95	0.07	0.55	0.20
EAST FELICIANA	3.44	0.56	0.04	0.15	0.22
EVANGELINE	14.94	2.22	0.14	0.76	0.56
FRANKLIN	7.33	1.09	0.08	0.30	0.24
GRANT	3.24	0.52	0.04	0.14	0.28
IBERIA	41.10	6.10	0.38	2.07	0.72
IBERVILLE	20.28	2.98	0.17	1.08	0.84
JACKSON	7.88	1.05	0.07	0.31	0.20
JEFFERSON	944.99	180.72	9.96	39.44	19.09
JEFFERSON DAVIS	17.57	2.18	0.15	0.97	0.41

2006 Domestic Travel Impact on Louisiana Table G: Alphabetical by Parish, 2004 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
LAFAYETTE	335.16	55.56	3.06	16.45	6.12
LAFOURCHE	65.45	7.93	0.49	3.65	1.09
LASALLE	4.19	0.65	0.05	0.17	0.21
LINCOLN	23.10	3.79	0.26	1.15	0.56
LIVINGSTON	34.53	3.20	0.18	1.97	1.21
MADISON	39.70	3.13	0.17	2.77	0.59
MOREHOUSE	13.99	2.18	0.14	0.71	0.38
NATCHITOCHES	32.70	5.01	0.34	1.67	1.16
ORLEANS	4,376.55	1,005.20	63.51	167.69	107.80
OUACHITA	182.92	33.41	1.74	7.95	3.48
PLAQUEMINES	22.32	3.67	0.20	1.12	1.64
POINTE COUPEE	9.75	1.25	0.08	0.48	0.24
RAPIDES	117.32	17.76	1.02	5.82	2.27
RED RIVER	5.05	0.64	0.04	0.28	0.17
RICHLAND	16.99	1.99	0.13	1.01	0.33
SABINE	18.75	2.44	0.14	0.89	1.93
SAINT BERNARD	41.95	5.35	0.32	2.26	0.61
SAINT CHARLES	34.90	4.62	0.29	1.76	0.50
SAINT HELENA	2.33	0.45	0.03	0.09	0.15
SAINT JAMES	10.14	1.32	0.10	0.48	0.16
SAINT JOHN THE BAPTIST	28.73	4.65	0.31	1.39	0.60
SAINT LANDRY	82.95	9.51	0.62	4.78	2.34
SAINT MARTIN	23.54	2.85	0.15	1.24	1.32
SAINT MARY	91.93	20.37	1.15	2.79	1.53
SAINT TAMMANY	162.76	22.98	1.37	8.89	4.47
TANGIPAHOA	124.81	12.35	0.74	7.19	2.12
TENSAS	3.58	0.73	0.04	0.15	0.40

2006 Domestic Travel Impact on Louisiana Table G: Alphabetical by Parish, 2004 (Continued)

<u>Parish</u>	Expenditures (\$ Millions)	Payroll (\$ Millions)	Employment (Thousands)	State Tax Receipts (\$ Millions)	Local Tax Receipts (\$ Millions)
TERREBONNE	95.95	13.24	0.83	5.25	1.68
UNION	11.07	1.23	0.08	0.62	0.75
VERMILION	37.46	3.84	0.22	2.19	0.96
VERNON	17.60	2.37	0.15	0.92	0.74
WASHINGTON	20.46	2.30	0.14	1.13	0.58
WEBSTER	40.19	4.68	0.26	2.38	1.25
WEST BATON ROUGE	43.38	5.67	0.36	2.54	0.82
WEST CARROLL	3.56	0.56	0.04	0.15	0.14
WEST FELICIANA	17.17	2.78	0.19	0.92	0.68
WINN	6.03	1.16	0.09	0.26	0.27
STATE TOTALS	\$9,539.35	\$1,956.38	116.1	\$408.94	\$226.05

APPENDICES

Appendix A: List of Disaster Parishes and Contiguous Parishes for 2005 Hurricane Katrina

DISASTER PARISH

CONTIGUOUS PARISH

ACADIA ASCENSION ASSUMPTION CALCASIEU CAMERON

EAST BATON ROUGE **EAST FELICIANA**

IBERIA IBERVILLE JEFFERSON

JEFFERSON DAVIS

LAFAYETTE LAFOURCHE LIVINGSTON **ORLEANS PLAQUEMINES**

POINTE COUPEE SAINT BERNARD SAINT CHARLES SAINT HELENA

SAINT JAMES

SAINT JOHN THE BAPTIST

SAINT MARTIN SAINT MARY

SAINT TAMMANY

TANGIPAHOA

TERREBONNE

VERMILION

WASHINGTON

WEST BATON ROUGE

WEST FELICIANA

Source: Federal Emergency Management Agency

ALLEN AVOYELLES BEAUREGARD CONCORDIA EVANGELINE SAINT LANDRY

Appendix B: Travel Economic Impact Model

Introduction

The Travel Economic Impact Model (TEIM) was developed by the research department at TIA (formerly known as the U.S. Travel Data Center) to provide annual estimates of the impact of the travel activity of U.S. residents on national, state and county economies in this country. It is a disaggregated model comprised of 16 travel categories. The TEIM estimates travel expenditures and the resulting business receipts, employment, personal income, and tax receipts generated by these expenditures.

The TEIM has the capability of estimating the economic impact of various types of travel, such as business and vacation, by transport mode and type of accommodations used, and other trip and traveler characteristics. The County Impact Component of the TEIM allows estimates of the economic impact of travel at the county and city level.

Definition of Terms

There is no commonly accepted definition of travel in use at this time. For the purposes of the estimates herein, *travel* is defined as activities associated with all overnight trips away from home in paid accommodations and day trips to places 50 miles or more, one way, from the traveler's origin. The TEIM definition includes all overnight trips regardless of distance away from home, but excludes day trips to places less than 50 miles away from home.

The word *tourism* is avoided in this report because of its vague meaning. Some define tourism as all travel away from home while others use the dictionary definition that limits tourism to personal or pleasure travel.

The *travel industry*, as used herein, refers to the collection of 16 types of businesses that provide goods and services to the traveler or potential traveler at the retail level (see Glossary of Terms). With the exception of Amtrak and second home ownership and rental, these business types are defined by the Office of Management and Budget in the 1997 North American Industry Classification System (NAICS) and well as in its predecessor, the 1987 Standard Industrial Classification System (SIC). In each case, the relevant NAICS and SIC codes are included.

A *travel expenditure* is assumed to take place whenever a traveler exchanges money for an activity considered part of his/her trip. Total travel expenditures are separated into 16 categories representing traveler purchases of goods and services at the retail level. One category, travel agents, receives no travel expenditures as these purchases are allocated to the category (i.e. air transportation) actually providing the final good or service to the traveler. Travel expenditures are allocated among states by simulating where the exchange of money for goods or service actually took place. By their nature, some travel expenditures are assumed to occur at the traveler's origin, some at his/her destination, and some enroute.

Economic impact is represented by measures of spending, employment, payroll, business receipts and tax revenues generated by traveler spending. *Payroll* includes all forms of compensation, such as salaries, wages, commissions, bonuses, vacation allowances, sick leave pay and the value of payments in kind paid during the year to all employees. Payroll is reported before deductions for social security, income tax insurance, union dues, etc. This definition follows that used by the U.S. Census Bureau in the quinquennial Census of Service Industries.

Employment represents the number of jobs generated by traveler spending, both full and part-time. As such, it is consistent with the U.S. Department of Labor series on nonagricultural payroll employment. *Tax revenues* include corporate income, individual income, sales and gross receipts, and excise taxes by level of government. *Business receipts* reflect travel expenditures less the sales and excise taxes imposed on those expenditures.

Description of the Model

Estimates of Travel Expenditures

Total travel expenditures includes spending by travelers on goods and services during their trips, such as lodging, transportation, meals, entertainment, retail shopping. Sixteen (16) categories of activities are covered in the TEIM. Generally, the TEIM combines the activity levels for trips to places within the United States with the appropriate average costs of each unit of travel activity, (e.g., cost per mile by mode of transport, cost per night by type of accommodation), to produce estimates of the total amount spent on each of 16 categories of travel-related goods and services by state. For example, the number of nights spent by travel parties in hotels in Vermont is multiplied by the average cost per night per travel party of staying in a hotel in the state to obtain the estimate of traveler expenditures for hotel accommodations.

The data on domestic travel activity levels (e.g., number of miles traveled by mode of transportation, the number of nights spent away from home by type of accommodation) are based on national travel surveys conducted by TIA, The Bureau of Labor Statistics' Survey of Consumer Expenditures, Smith Travel Research's Hotel and Motel Survey, etc. Average cost data are purchased and collected from different organizations and government agencies. Total sales and revenue and other data collected from state, local and federal government and other organizations are employed to compare, adjust and update the spending database of TEIM, as well as linking spending to other impact components.

The international travel expenditure estimates are based on Tourism Industries' (OTTI) In-Flight Survey and data provided to OTTI from Canada and Mexico. Other estimates of the economic impact of international visitors to the U.S. are generated by TEIM by incorporating the estimated international traveler expenditures with the data series utilized to produce the domestic estimates.

Estimates of Business Receipts, Payroll and Employment

The Economic Impact Component of the TEIM estimates travel generated business receipts, employment, and payroll. Basically, the 16 travel categories are associated with a type of travel-related business. For example, traveler spending on commercial lodging in a state is

related to the business receipts, employment and payroll of hotels, motels and motor hotels (SIC 701; NAICS 7211) in the state. It is assumed that travel spending in each category, less sales and excise taxes, equals business receipts for the related business type as defined by the U.S. Census Bureau.

It is assumed that each job in a specific type of business in a state is supported by some amount of business receipts and that each dollar of wages and salaries is similarly supported by some dollar volume of business receipts. The ratios of employment to business receipts are computed for each industry in each state. These ratios are then multiplied by the total amount of business receipts generated by traveler spending in a particular type of business to obtain the measures of travel generated employment and payroll of each type of business in each state. For example, the ratio of employees to business receipts in the state commercial lodging establishments is multiplied by travel generated business receipts of these establishments to obtain traveler generated employment in commercial lodging. A similar process is used for the payroll estimates.

The total sales, payroll and employment data of each travel related industry (by SIC and NAICS) are provided by and collected from state, local and federal government, such as the Bureau of Labor Statistics, the Bureau of Economic Analysis, Census Bureau and The Bureau of Transportation Statistics.

Estimates of Tax Revenues

The Fiscal Impact Component of the TEIM is used to estimate traveler generated tax revenues of federal, state and local governments. The yield of each type of tax is related to the best measure of the relevant tax base available for each state consistent with the output of the Economic Impact Component. The ratios of yield to base for each type of tax in each state are then applied to the appropriate primary level output to obtain estimates of tax receipts generated by travel. For example, the ratio of Massachusetts State personal income tax collections to payroll in the state is applied to total travel generated payroll to obtain the estimate of state personal income tax receipts attributable to traveler spending in Massachusetts.

Estimates for Counties and Local Areas

Local area travel impact estimates is derived by distributing the state estimates to the area using proper proportions of each related category in the area. The proportions of a local area are calculated based on a set of data collected from federal, state and local governments and private organizations. The data can be gathered at the zip code level.

Data from the U.S. Bureau of the Census, Smith Travel Research, Enos Foundation, Runzheimer International, Cruise Lines International Association, Prentice-Hall, U.S. Department of Labor's Consumer Expenditure Survey and ES-202, American Society of Travel Agents, the Federal Aviation Administration, the Department of Transportation, Amtrak, the Federal Highway Administration, state revenue departments, TIA's travel surveys and other sources are used in building and updating the model. These data indicate the change in travel spending for each of

the expenditure categories for each state over the previous year, as well as changes in the relationship of travel spending to employment, payroll and tax revenue.

Limitations of the Study

This study is designed to indicate the impact of U.S. traveler expenditures on employment, payroll, business receipts and tax revenue in each of the states. These impact estimates reflect the limitations inherent in the definition of travel expenditures. Two important classes of travel-related expenses have not been estimated due to various reasons. Consumers purchase certain goods and services in anticipation of a trip away from home. These include sports equipment (tennis racquet, skis, scuba gear, etc.), travel books and guides, and services such as language lessons and lessons for participatory sports (tennis, skiing, underwater diving, etc.). The magnitude of these purchases in preparation for a trip cannot be quantified due to lack of sound, relevant data.

The second type of spending not covered due to lack of sufficient data is the purchase of major consumer durables generally related to outdoor recreation on trips. Further research is required in this area to determine to what extent pre-trip spending on consumer durable products can justifiably be included within a travel economic impact study.

Appendix C: Glossary of Terms

<u>Automobile Transportation Expenditure</u>. This category includes a prorated share of the fixed costs of owning an automobile, truck, camper, or other recreational vehicle, such as insurance, license fees, tax, and depreciation costs. Also included are the variable costs of operating an automobile, truck, camper, or other recreational vehicle on a trip, such as gasoline, oil, tires, and repairs. The costs of renting an automobile or other motor vehicle are included in this category as well.

<u>Entertainment/Recreation Expenditure</u>. Traveler spending on recreation facility user fees, admissions at amusement parks and attractions, attendance at nightclubs, movies, legitimate shows, sports events, and other forms of entertainment and recreation while traveling.

<u>Food Expenditure</u>. Traveler spending in commercial eating facilities and grocery stores or carry-outs, as well as on food purchased for off-premise consumption.

<u>Incidental Purchase Expenditure</u>. Traveler spending on retail trade purchases including gifts for others, medicine, cosmetics, clothing, personal services, souvenirs, and other items of this nature.

<u>Lodging Expenditure</u>. Traveler spending on hotels and motels, B&Bs, campgrounds and trailer parks, rental of vacation homes and other types of lodging.

<u>Public Transportation Expenditures.</u> This includes traveler spending on air, bus, rail and boat/ship transportation, and taxicab or limousine service between airports and central cities. Also included are expenditures on "other transportation" as indicated in the TravelScope.

<u>Travel-generated Tax Receipts</u>. Those federal, state and local tax revenues attributable to travel in an area. For a given state locality, all or some of the taxes may apply. "Local" includes county, city or municipality, and township units of government actually collecting the receipts and not the level that may end up receiving it through intergovernmental transfers.

<u>Federal</u>. These receipts include corporate income taxes, individual income taxes, employment taxes, gasoline excise taxes, and airline ticket taxes.

<u>State</u>. These receipts include corporate income taxes, individual income taxes, sales and gross receipts taxes, and excise taxes.

<u>Local</u>. These include county and city receipts from individual and corporate income taxes, sales, excise and gross receipts taxes, and property taxes.

Appendix D: Travel-Related Industry Measurement

SIC-NAICS Transition

The *travel industry*, as defined by TIA and covered in its research, refers to the collection of 16 types of businesses that provide goods and services to the traveler or potential traveler at the retail level. For many years, TIA selected these business types using 1987 U.S. Standard Industrial Classification (SIC) system codes.

The SIC system has been used for decades with tremendous success to classify all businesses in the U.S. by the types of products or services they make available. To its credit, the SIC system has facilitated the collection, tabulation and analysis of data. It has also promoted "apples-to-apples" comparability in statistical analyses. At the industry group level, SIC Codes report industry groups as 2 or 3 digit categories to 4 digits at their most specific.

However, as a direct consequence of rapid and widespread structural changes throughout the American economy in recent years, the SIC system has become largely outdated. Therefore, its business classification capabilities have become increasingly less than optimal.

In 1998, the United States Office of Management and Budget published a new industry classification system – the 1997 North American Industry Classification System (NAICS) to replace the SIC system. In contrast, the 2- to 6-digit NAICS industry classification system includes more useful and detailed economic data and provides a more comprehensive statistical representation of our industry. NAICS offers four major advantages over the SIC system:

Relevance: NAICS identifies hundreds of new, emerging, and advanced technology industries. Perhaps most important in terms of quantification of travel-related activity, NAICS reorganizes industries into more meaningful sectors, especially in the service-producing segments of the economy. A few examples of travel-related industries that are separately recognized for the first time:

- -Convenience stores
- -Gas stations with convenience stores
- -Casino hotels
- -Casinos
- -Other gambling industries
- -Bed and breakfast inns
- -Limited service restaurants

International Comparability: NAICS was developed by the U.S. Office of Management and Budget (OMB) in cooperation with Statistics Canada and Mexico's Instituto Nacional de Estadística, Geografía e Informática (INEGI). NAICS provides for comparable statistics among the three NAFTA trading partners.

Consistency: NAICS defines industries according to a consistent principle -- businesses that use similar processes are grouped together.

Adaptability: NAICS will be reviewed *every five years*, so classifications and information keep up with our changing economy.

TEIM: SIC/NAICS Industry Categories

With the transition to NAICS, TIA has adjusted its selections of the travel-related business types using the new NAICS codes and brought its travel economic research into conformity with NAICS. For measurement purposes, TIA's Travel Economic Impact Model, tracks business activity in seven (7) major travel-related industry groups. These, in turn, are comprised of sixteen (16) business subcategories.

The industry groups and subcategories used in the model are outlined below, followed by a detailed table of SIC and NAICS Codes.

<u>Automobile Transportation Industry</u>: Gasoline service stations, motor vehicle/parts dealers and passenger car rental.

Entertainment/Recreation Industry: Entertainment, art and recreation industry.

Foodservice Industry: Eating & drinking places, and grocery stores.

<u>General Retail Trade Industry</u>: General merchandise group stores and miscellaneous retail stores, including gift and souvenir shops.

<u>Incidental Purchases Industry</u>: See above, *General Retail Trade Industry*.

<u>Lodging Industry</u>: This industry includes hotels, motels, and motor hotels, camps and trailer parks.

<u>Public Transportation Industry</u>: Air transportation, taxicab companies, interurban & rural bus transportation, railroad passenger transportation (Amtrak) and water passenger transportation. Also is the "dummy" industry of "other transportation."

<u>Travel Arrangement Industry</u>: This includes travel agencies, tour operators, and other travel arrangement & reservation services.

1987 SIC – 1997 NAICS: Selected Travel-Related Categories

SIC DESCRIPTION(S)	SIC CODE(S)	NAICS DESCRIPTION(S)	NAICS CODE(S)
Accommodations	- ii i		5011
Hotels and Motels	701	Traveler Accommodation	7211
Recreational Vehicle Parks & Campsites	703	Recreational Vehicle Parks & Campgrounds	7212
Auto Transportation	i i		
Passenger Car Rental	7514	Passenger Car Rental	532111
Gasoline Service Stations	554	Gasoline Stations with Convenience Stores; Other Gasoline Stations	447110; 447190
Automotive Dealers	55 (excl. 554)	Motor Vehicle & Parts Dealers	4411; 4412; 4413
Entertainment and Recreation			
Amusement and Recreational Services	79	Amusement, Gambling & Recreation Industries	713
		Performing Arts, Spectator Sports & Related Industries	711
Museums, Art Galleries, Botanical and Zoological Gardens	84	Museums, Historical Sites & Similar Institutions	712
Food	- ! !		
Eating & Drinking Places (Alcoholic Beverages)	581	Foodservices & Drinking Places	7221; 7222; 7224
Grocery Stores	541	Food and Beverage stores	4451; 4452; 4453
Public Transportation	- ii i		101 1001
Air Transportation	45	Passenger Air Transportation; Airport Support Activities	481; 4881
Rail - Local & Suburban Transit	4111	Rail Transportation	485112
Interurban & Rural Bus Carriers	413	Interurban & Rural Bus Transportation	4852
Charter Bus/Interstate	4142	Charter Bus (interstate/interurban)	4855102
Taxi & Limousine Services	412	Taxi & Limousine Services	4853
Water Transportation of Passengers	448	Water Passenger Transportation	483112; 483114; 483212
		Scenic & Sightseeing Transportation (New industry-includes parts of SICs 4119,4489,4522,4789,7999)	487
	ii i		
Retail			
General Merchandise Stores	53	General Merchandise Stores	452
Miscellaneous Retail Stores	59	Other Retail Stores	453; 44611; 4483; 45111; 45112; 45121
Travel Arrangement			
Travel Arrangement	472	Travel Arrangement & Reservation Services	5615
	11 1	(includes travel agencies and tour operators)	

Appendix E: Sources of Data

This appendix presents the sources of data used in this report.

Sources

Air Transport Association

American Automobile Association

Amtrak

American Society of Travel Agents

Bureau of the Census, U.S. Department of Commerce

Bureau of Economic Analysis, U.S. Department of Commerce

Bureau of Labor Statistics, U.S. Department of Labor

Bureau of Transportation Statistics, U.S. Department of Commerce

Federal Aviation Administration, U.S. Department of Transportation

Federal Highway Administration, U.S. Department of Transportation

National Park Service

Louisiana Office of Tourism

Louisiana Department of Labor, Research & Statistics Division

Peterson, Howell & Heather, Inc.

Runzheimer International Ltd.

Smith Travel Research

The Office of Travel and Tourism Industries (OTTI)/ITA, U.S. Department of Commerce

Travel Industry Association