Strategic tourism marketing and policy decisions depend on accurate, consistent tracking of business indicators such as lodging statistics, attraction and welcome center visitation, transportation statistics and more. The intent of the North Carolina Travel Tracker is to provide up-to-date and relevant tourism indicators for both the state and individual regions within the state. With data from the Travel Tracker, program areas and industry partners can strategically plan, implement and evaluate processes and programs.

The following report analyzes a variety of tourism indicators by 1) State, 2) the three geographic marketing regions (coastal, piedmont and mountain), and for some indicators 3) the seven economic development regions. As well as providing a review of the current state of business, the report provides a year-to-date analysis and comparisons to previous years where applicable.

With regards to the lodging data found in this report; while virtually every chain in the United States provides Smith Travel Research (STR) with data on almost all of their properties, there are still some hotels that don't submit data. However, every year STR examines listings and directories for information on hotels that don't provide data. STR calls each hotel in the database every year to obtain "published" rates for multiple categories. Based on this information all hotels are grouped - those that report data and those that don't - into groupings based off of price level and geographic proximity. They then estimate the non-respondents based on nearby hotels with similar price levels.

Following is a guide to charts and graphs for this report:

**Section 1 - Statewide Tourism Indicator Analysis for December 2011**
- Chart 1 – Hotel/Motel Occupancy in North Carolina December 2006 – 2011
- Chart 2 – Hotel/Motel Average Daily Room Rate in North Carolina December 2006 – 2011
- Chart 3 – Hotel/Motel Revenue per Available Room in North Carolina December 2006 – 2011
- Chart 4 – Hotel/Motel Room Demand in North Carolina December 2006 – 2011
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- Chart 7 – Statewide Visitation to Attractions Monthly History 2006 – 2011
- Chart 8 – State Welcome Center and Local Visitor Center Attendance December 2006 – 2011
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- Chart 15 – Hotel/Motel Statistics by Geographic Region December 2011
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- Chart 20 – Hotel/Motel Statistics by Economic Development Region December 2011
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- Chart 22 - National Travel Price Index December 2006 – December 2011
Section 1: Statewide Tourism Indicator Analysis for December 2011

Chart 1 – Hotel/Motel Occupancy in North Carolina - December 2006 – 2011

Chart 1 provides a comparison over a six year period to show the trend of occupancy in the state for the month of December. Occupancy for December 2011 was up nearly four percent from December 2010, the highest occupancy for December since 2007. Occupancy at the national level also increased by four percent in December 2011 from the previous year.

Source: Smith Travel Research
Chart 2 provides a comparison over a six year period to show the trend of average daily room rate (ADR) in the state for the month of December. ADR increased four percent in December and nearly reached a record high for the month, almost reaching 2008’s high of $76.82. ADR at the national level was up 3.4% in December 2011 from the previous December.
In Chart 3 an analysis of Revenue per Available Room (RevPAR) is provided. RevPAR is an industry term that describes the revenue that a hotel earns on the basis of just the rooms available for a given night. In other words, rooms not available either due to renovation or other reasons are not included in this equation. Mathematically, RevPAR can be determined dividing total room revenue by rooms available (occupancy times average room rate will closely approximate RevPAR).

As with previous charts, Chart 3 shows a comparison over a six year period to show the trend of RevPAR in the state for the month of December. RevPAR was up eight percent in December 2011, continuing the positive growth that began in the spring of 2010. RevPAR at the national level was up 7.6% in December 2011 from the previous December.
Chart 4 – Hotel/Motel Room Demand in North Carolina – December 2006 - 2011

Chart 4 depicts hotel/motel demand for the month of December 2011 with comparisons to the previous five years. Demand is the number of rooms sold excluding complimentary rooms. Room demand for December was up nearly five percent from December 2010, reaching a record high for December of nearly 2 million rooms. Room demand at the national level saw an increase of 4.6% change in December 2011 from the previous December.
Chart 5 provides a monthly percent change for the four major lodging indicators. The chart allows for a 30 month trend-line analysis that clearly depicts that the major indicators have shown a steady positive change since early 2010, and while they slowed in 2011, still remained in the positive range.
Chart 6 provides a status of the attractions industry in North Carolina for the month of December for the last six years. The numbers represent only a sample of North Carolina attractions that provide their attendance data, and are not intended to be considered a complete list of attractions. However, the wide variation of type and location of the participating attractions allow for a valid aggregate trend analysis on a monthly basis, particularly when tracking percent change. Missing values for attractions who regularly report have been estimated until visitation can be verified. These estimates are not included in percent change calculations from December 2010 to December 2011.

December showed record attendance at NC attractions, likely a result of the mild temperatures. Attraction attendance increased nearly 18% from 2010 and remains at a five year increase of 2.4%.
Chart 7 shows a monthly trend of attraction visitation for each of the last six years. This chart allows for a view of the ebb and flow of monthly attraction attendance, while also providing a look at how attendance compares to the same month of the previous years. Not surprisingly, the winter months see lower visitation numbers at statewide attractions. However, it is helpful to view how visitation is allocated by month for strategic planning purposes.

Again, the numbers represent only a sample of North Carolina attractions that provide their attendance data, and are not intended to be considered a complete list of attractions. However, the wide variation of type and location of the participating attractions allow for a valid aggregate trend analysis on a monthly basis.
Chart 8 provides December visitation statistics for State Welcome Centers, as well as Local Visitor Centers throughout North Carolina. It should be noted that while there is a percent change indicated for welcome centers for 2007-2008 and 2008-2009, 2008 was the first year a percent change could accurately be provided. The NCDOT spent several years changing the counting mechanism at the state welcome centers making comparisons between years inaccurate from the time the DOT began installation until December 2008. Therefore, previous years’ percent changes are not included in this particular chart.

December numbers were up for both welcome and visitor centers.

Welcome Center visitation is calculated using an electronic count of vehicles entering the center during operating hours with a multiplier of 2.7 persons per vehicle. Visitor center method of counting varies by center, but percent change is a consistent measurement.

**Aycock Brown Visitor Center not included in comparisons due to malfunctioning counter.**
Chart 9 – Statewide National and State Park Visitation - December 2006 – 2011

Chart 9 depicts visitation to state and national parks in North Carolina for the last six years months of December. The mild early winter weather had a positive effect on park visitation, as both national and state park attendance was significantly up in December from last year. While national park attendance is still down from its high in 2006, state park attendance was at a record for December.
Similar to Chart 7, Charts 10 and 11 provide a monthly trend of state and national park visitation for each of the last six years. These charts help monitor the flow of monthly attraction attendance, while also providing a look at how attendance compares to the same month of the previous years. It is important to note that there are many extraneous variables that can affect visitation at attractions, and particularly at outdoor attractions. Weather, temperature and holidays are variables that should be noted when viewing unusual highs or lows in attendance.
Chart 12 shows December airport arrivals and departures for each of the previous six years. Departures and arrivals were up slightly from December 2010 to 2011. However, there has been a substantial six-year increase in both for the month of December.
Chart 13 provides the average price per gallon of unleaded gasoline for December 2011 and the same month from the five previous years. The data provided above, when compared with other indicators such as attraction attendance and visitor spending data, can be very helpful in the analysis of general travel trends. Fuel prices in December 2011 were the highest on record for December, up nearly ten percent from last December, and eight percent higher than the previous high in 2007.
Chart 14 provides 13 months of air temperature and precipitation. This data, when analyzed together with gas price data and other tourism indicators, can be valuable in determining possible reasons for significant increases and/or decreases in indicators. For instance, greater than normal precipitation during a particular month can often help explain decreases in attendance at outdoor attractions.

The average temperature was thirteen degrees warmer in December 2011 than in December 2010, though in 2010, the temperatures were much lower than normal. December 2011 temperatures were closer to normal.
Chart 15 provides a one year comparison in lodging statistics for the three geographic marketing regions of North Carolina in December. Major indicators in all three regions showed positive data in December as compared to 2010.
Chart 16 provides hotel/motel demand by geographic region for December 2011. Demand differs from occupancy in that it is the total number of rooms sold, not accounting for differences in room supply. The Coastal Region had demand growth of over seven percent from December 2010 to December 2011, and the Mountain Region had a four percent increase.
Chart 17 provides a look at the attractions industry in North Carolina in December 2011 by geographic region. As with the statewide numbers, the following data represents only a sample of North Carolina attractions that provide their attendance data, and are not intended to be considered a complete list of attractions. However, the wide variation of type and location of the participating attractions allow for a valid aggregate trend analysis on a monthly basis.

December attendance was positive for each region. State park attendance increased significantly in all three regions in December from last year. While national park attendance was down in the Coastal Region, it was up significantly in the Piedmont and Mountain regions.
Chart 18 shows welcome center and visitor center attendance by geographic region and offers comparisons from December 2010. Welcome centers in all three regions experienced increases from December 2010. Local visitor center attendance was up significantly in the Piedmont and Mountain regions, though down slightly in the Coastal Region.
Chart 19 provides a breakdown of air travel statistics by geographic region. While the majority of air traffic is through the Piedmont Region, it is helpful to maintain a trend of other regional airport usage. All three regions showed slight increases in arrivals and departures from December 2010 to 2011.
Section 3: Economic Development Region Tourism Indicator Analysis – December 2011

The seven economic regions include:
2 – Eastern (Carteret, Craven, Jones, Onslow, Pamlico, Duplin, Edgecombe, Green, Lenoir, Nash, Pitt, Wayne, Wilson).
3 – Southeast (Brunswick, Columbus, New Hanover, Pender, Bladen, Cumberland, Hoke, Richmond, Robeson, Sampson, Scotland).
5 – Triad ( Alamance, Caswell, Guilford, Montgomery, Randolph, Rockingham, Davidson, Davie, Forsyth, Stokes, Surry, Yadkin).
6 – Carolinas (Alexander, Catawba, Cleveland, Iredell, Rowan, Anson, Cabarrus, Gaston, Lincoln, Mecklenburg, Stanly, Union).

Chart 20 – Hotel/Motel Statistics by Economic Development Region - December 2011

Chart 20 provides lodging indicators for December 2011 by economic development region. Also shown are percent changes from December 2010. This graph allows individual regions within the state to track indicators specific to their general destinations, while still being able to compare their data to the state data shown in Section 1.
Chart 21 depicts hotel/motel demand for the month of December 2011 by economic development region. Demand is the number of rooms sold excluding complimentary rooms. All of the seven regions experienced increased demand from December 2010 to 2011.
Section 4: National Travel Price Index

The Travel Price Index (TPI) measures the seasonally unadjusted inflation rate of the cost of travel away from home in the United States. The TPI is based on U.S. Department of Labor price data collected for the monthly Consumer Price Index (CPI). The TPO is released monthly and is directly comparable to the CPI.

Variables included in calculating the TPI:

Recreation Services  Food Away from Home  Airline Fares
Food and Beverage  Other Lodging (Include Hotel/Motel)  Intra-city Public Transportation
Alcohol Away From Home  Transportation  Motor Fuel

Other Intercity Transportation

Chart 22 – National Travel Price Index December 2006 – December 2011

Chart 22 provides a five year trend of the National Travel Price Index (TPI). Steady growth was experienced through mid-2008; however in November 2008, it is clear that as the TPI fell below 2007 levels, the tourism industry began feeling the full effect of the recession. For most of 2009, the TPI remained slightly at or below the 2007 level. In December 2010, the TPI finally inched above the each of the previous Decembers from 2007, and continued that year-over-year growth into June 2011. Growth slowed during the summer months to be just barely above the TPI of July 2008, but has since moved to above all previous six years.

*Hotel/Motel statistics are from Smith Travel Research, Inc.; all other figures are from the Division of Tourism.
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Source: U.S Travel Association and U.S. Department of Labor. [www.ustravel.org](http://www.ustravel.org)