December 2010

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.

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Section 1: Statewide Tourism Indicator Analysis for December 2010

Chart 1 – Hotel/Motel Occupancy in North Carolina - December 2006 – 2010

Chart 1 provides a comparison over a five year period to show the trend of occupancy in the state for the month of December. Occupancy for December 2010 was up over five percent from December 2009. This was the eleventh consecutive month of year over year positive occupancy growth. Occupancy at the national level increased by five percent in December 2010 from the previous year.
Chart 2 provides a comparison over a five year period to show the trend of average daily room rate (ADR) in the state for the month of December. After peaking in December 2008, ADR for the past two years has decreased nearly three percent, but appears to be on the rebound with an increase the last two months. ADR at the national level was up 1.9% in December 2010 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 five year period to show the trend of RevPAR in the state for the month of December. RevPAR was up 6.9% in December 2010, continuing the positive growth that started in March. *RevPAR at the national level was up 7.4% in December 2010 from the previous December.*
Chart 4 depicts hotel/motel demand for the month of December 2010 with comparisons to the previous four years. Demand is the number of rooms sold excluding complimentary rooms. Room demand for December was up almost seven percent from December 2009. *Room Demand at the national level saw an increase of 6.6% change in December 2010 from the previous December.*
Chart 5 provides a monthly percent change for the four major lodging indicators. The chart allows for a 27-month trend-line analysis that clearly depicts that the major indicators have shown a steady positive change during 2010. ADR, the last indicator to begin to rebound, is finally moving into a steady growth phase with a 1.6% increase from last December.
Chart 6 provides a status of the attractions industry in North Carolina for the month of December for the last five 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 2009 to December 2010.

December was another positive month for NC attractions. There was an increase of two percent in attraction visitation from December 2009 to December 2010.
Chart 7 shows a monthly trend of attraction visitation for each of the last five 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 summer months see higher 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.
Chart 9 – Statewide National and State Park Visitation - December 2006 – 2010

Chart 9 depicts visitation to state and national parks in North Carolina for the last five years months of December. Both state and national parks had decreases in December from the previous year, likely due to the abundance in inclement weather North Carolina experienced during the month.
Similar to Chart 7, Charts 10 and 11 provide a monthly trend of state and national park visitation for each of the last five 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 11 – Statewide Visitation to National Parks Monthly History 2006 – 2010
Chart 12 – Statewide Airport Arrivals and Departures - December 2006 – 2010

Chart 12 shows December airport arrivals and departures for each of the previous five years. The arrivals and departures substantially increased statewide from last December, and there has been a positive five-year increase in both for the month of December.
Chart 13 – Lower Atlantic Average Monthly Retail Gas Prices for Unleaded – December 2006 – 2010

Chart 13 provides the average price per gallon of unleaded gasoline for December 2010 and the same month from the four 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 2010 were up over fourteen percent from last December, and up 30% from 2006.
Chart 14 – North Carolina Average Temperature and Precipitation – December 2009 – 2010

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.

While there was an inch less rain in December 2010 as compared to 2009, December 2010 had an average temperature nearly fourteen degrees colder than in December 2009. The extremely cold weather likely had a negative impact on outdoor activities throughout the state.
Chart 15 provides a one year comparison in lodging statistics for the three geographic marketing regions of North Carolina in December. All major indicators showed increases in the Coastal and Piedmont regions in December 2010 as compared to 2009, however the Mountain Region experienced decreases in occupancy and RevPAR as compared to last December.
Chart 16 provides hotel/motel demand by geographic region for December 2010. Demand differs from occupancy in that it is the total number of rooms sold, not accounting for differences in room supply. The Coastal and Piedmont regions had demand growth of nearly ten percent from December 2009 to December 2010, though the Mountain Region had a four percent decrease from 2009.
Chart 17 provides a look at the attractions industry in North Carolina in December 2010 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.

State Park attendance throughout the state showed decreases from 2009 to 2010, yet attraction attendance in the Piedmont and Mountain regions was up over the same time period.
Chart 18 shows welcome center and visitor center attendance by geographic region and offers comparisons from December 2009. The Coastal and Mountain region welcome centers experienced healthy increases from December 2009, though part of the increase in the Mountain Region can be explained by the reopening of the I-40 Welcome Center after the rock slide. The centers in the Piedmont Region saw large decreases in visitation from December 2009 to December 2010.
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. The Mountain Region showed extremely strong growth of over thirty percent in air traffic during the month of December, while the other regions saw very positive increases from last year as well.
Section 3: Economic Development Region Tourism Indicator Analysis – December 2010

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 2010

Chart 20 provides lodging indicators for December 2010 by economic development region. Also shown are percent changes from December 2009. 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 2010 by economic development region. Demand is the number of rooms sold excluding complimentary rooms. All regions but the Western Region showed increased demand from December 2009 to 2010. The Southeast Region had an increase of over ten percent in demand from December 2009 to December 2010.
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 TPI is released monthly and is directly comparable to the CPI.

Variables included in calculating the TPI:

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

Chart 22 – National Travel Price Index December 2006 – December 2010

Chart 22 provides a four 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 each of the previous Decembers from 2007.

*Hotel/Motel statistics are from Smith Travel Research, Inc.; all other figures are from the Division of Tourism. North Carolina Division of Tourism, Film and Sports Development
301 N. Wilmington Street • 4324 Mail Service Center
Raleigh, North Carolina 27699-4324 • Tel: (919) 733-4171 • Fax: (919) 733-8582