August 2011

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 non, and 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 August 2011

Chart 1 – Hotel/Motel Occupancy in North Carolina - August 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 August. Occupancy for August 2011 was up over five percent from August 2010. Occupancy at the national level increased by nearly four (+3.7%) percent in August 2011 from the previous year.
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 August. After peaking in June 2008, ADR decreased about six percent the following year, but has gained over two percent back during the last two years. *ADR at the national level was up 3.4% in August 2011 from the previous August.*
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 August. RevPAR was up nearly eight percent in August 2011, continuing the positive growth that began in the spring of 2010. RevPAR at the national level was up 7.2% in August 2011 from the previous August.
Chart 4 depicts hotel/motel demand for the month of August 2011 with comparisons to the previous five years. Demand is the number of rooms sold excluding complimentary rooms. Hotel demand for August was up six percent from August 2010. Room demand at the national level saw an increase of 4.4% change in August 2011 from the previous August.
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 are continuing into 2011. ADR growth, the last indicator to begin to rebound, remains slow, but is picking up with a 2.0% increase from last August.
Chart 6 provides a status of the attractions industry in North Carolina for the month of August 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 August 2010 to August 2011.

August showed a decrease for NC attraction attendance (-9.3%), but still a positive increase from 2006 (+10.2%). Coastal attractions noted that Hurricane Irene negatively affected their visitation numbers for the month.
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 August 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.

August numbers were down for both welcome and visitor centers.
Chart 9 depicts visitation to state and national parks in North Carolina for the last six years months of August. While national park attendance was practically flat in August, state park attendance had a decrease of eleven percent from 2010.
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 10 – Statewide Visitation to State Parks Monthly History 2006 – 2011

Chart 11 – Statewide Visitation to National Parks Monthly History 2006 – 2011
Chart 12 shows August airport arrivals and departures for each of the previous six years. Departures decreased about two percent from August 2010 to 2011, as did arrivals. There has been a substantial six-year increase in both for the month of August.
Chart 13 provides the average price per gallon of unleaded gasoline for August 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 August 2011 were up nearly 40 percent from last August, though still less than in 2008.

Source: Energy Information Administration: www.eia.doe.gov/oil_gas/petroleum/data_publications
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 did not change significantly from August 2010 to August 2011, but there was about two more inches of rain in 2011 (likely due to the hurricane).
Chart 15 provides a one year comparison in lodging statistics for the three geographic marketing regions of North Carolina in August. Major indicators in the Mountain and Piedmont regions showed positive data in August as compared to 2010. The Coastal Region, affected the most by Hurricane Irene in late August, had slight decreases in occupancy, ADR and RevPAR.
Chart 16 provides hotel/motel demand by geographic region for August 2011. Demand differs from occupancy in that it is the total number of rooms sold, not accounting for differences in room supply. The Piedmont Region had demand growth of ten percent from August 2010 to August 2011. The Mountain and Coastal regions showed increased demand, but not as positive as the Piedmont Region.
Chart 17 – Visitation to Attractions and Parks by Geographic Region – August 2011

Chart 17 provides a look at the attractions industry in North Carolina in August 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.

The Mountain Region saw a healthy increase in attendance at state parks, but flat visitation at national parks. Attraction attendance in the Piedmont had significant decline from August 2010 to 2011, though national park attendance increased. The Coastal Region suffered the most in terms of attendance at all parks and attractions, presumably due in part to the hurricane late in the month.
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.

Chart 18 shows welcome center and visitor center attendance by geographic region and offers comparisons from August 2010. Centers in all three regions experienced decreases from August 2010, though the Piedmont and Mountain regions were close to flat in welcome center attendance.
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 Piedmont and Mountain regions showed slight declines during the month of August as compared to August 2010, while the Coastal Region was down about six percent.
Section 3: Economic Development Region Tourism Indicator Analysis – August 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 - August 2011

Chart 20 provides lodging indicators for August 2011 by economic development region. Also shown are percent changes from August 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 August 2011 by economic development region. Demand is the number of rooms sold excluding complimentary rooms. Five of the seven regions experienced increased demand from August 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 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 – August 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.

*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