

## MOTORCOACH GROUP TOURISM HELPS DRIVE NEBRASKA'S ECONOMY

Companies that provide services to group tourists are a critical part of Nebraska's economy. Motorcoach operators, hotels, entertainment venues, restaurants and retailers who serve these travelers, along with the companies that supply services and materials to them, provide well-paying jobs in Nebraska and pay significant taxes to state and local governments.

This analysis estimates that Nebraska serves a total of 1,238,200 motorcoach group tourist equivalent people on day trips, and an additional 413,100 on overnight stays, for a total of 1,651,300 group tour visitors.<sup>1</sup> It is important to note that these estimates of "group tour visitors" should be used for comparative and trending purposes only and do not represent a count of individuals. It is estimated that approximately 47,200 equivalent motorcoaches visited Nebraska in 2016.<sup>2</sup>

Hotels in Nebraska provide group motorcoach tourists with an estimated 592,100 room nights annually.<sup>3</sup>

Overall sales in Nebraska coming from motorcoach tourists totaled \$561.68 million.

### What is the Effect of a Motorcoach In Nebraska?

1. Approximately 35 equivalent visitors, of which 75.0 percent were on day trips and 25.0 on overnight visits.
2. Approximately \$11,900 in local sales.
3. Approximately 12.5 room nights (double occupancy).
4. For every 8.1 motorcoaches operating, 1 job is created in the state.

Companies in Nebraska that provide motorcoach services to tourists employ as many as 572 people. In addition, companies that supply services to motorcoach passengers; such as hotels, restaurants and entertainment venues, employ as many as 5,268 people in the state.<sup>4</sup> These are good jobs paying an average of \$26,600 in wages and benefits.<sup>5</sup>

### Economic Contribution of Motorcoach Group Tourism in Nebraska (2016)

	Direct	Supplier	Induced	Total
<b>Economic Impact</b>	\$421,686,800	\$298,874,400	\$419,546,000	\$1,140,107,200
<b>Jobs</b>	5,840	1,663	2,230	9,733
<b>Wages</b>	\$155,091,500	\$81,492,900	\$102,859,500	\$339,443,900

Not only does the motorcoach group tour industry create good jobs in Nebraska, but it contributes to the economy as a whole. In 2016, about 7,503 people were directly supported or worked for firms that supplied goods and services to companies working with motorcoach passengers.<sup>6</sup> These include a wide range of companies from wholesalers, to banks, to laundries, to fueling stations. All told, nearly \$1.14 billion in total economic activity in Nebraska can be attributed to the motorcoach group tourism industry.<sup>7</sup>

<sup>1</sup> Visitors or visitor equivalents, as reported in this analysis denote average representative visitors, and not a direct count of people visiting or staying in Nebraska. These are modeled data based on the American Bus Association Foundation's 2016 Economic Impact Analysis and are not based on data gathered directly from visitors, tour operators or hotels as part of a census or survey.  
<sup>2</sup> See Methodology. This is not a count of motorcoaches but represents total aggregate of modeled or "representative" motorcoaches each carrying 35 passengers to or through the community.  
<sup>3</sup> One hotel room occupied for one night at double occupancy. Room nights are based on national average tour passenger loads and a national median tour length of 4.0 nights.  
<sup>4</sup> Job totals represent FTE (full-time equivalent) employees.  
<sup>5</sup> Economic Impact of the Motorcoach Travel and Tourism Industry: 2016, John Dunham & Associates, New York, 2017.  
<sup>6</sup> This figure includes those employed in either the motorcoach group tour direct or supplier industries.  
<sup>7</sup> Ibid.

# MOTORCOACH MARKET

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	Jobs	Wages	Economic Impact
<b>Direct Economic Impact</b>			
Motorcoaches	572	\$34,521,800	\$91,239,900
Hotel/Lodging	1,298	\$30,869,900	\$116,878,500
Eating and Drinking States	1,859	\$33,287,400	\$76,394,800
Entertainment and Amusement	1,496	\$37,260,000	\$114,602,200
Retail	228	\$5,846,400	\$4,075,200
All Other	387	\$13,306,000	\$18,496,200
<b>Total</b>	<b>5,840</b>	<b>\$155,091,500</b>	<b>\$421,686,800</b>
<b>Supplier Economic Impact</b>			
Agriculture	98	\$4,636,800	\$41,540,600
Mining	8	\$313,500	\$1,498,200
Construction	47	\$2,625,300	\$8,071,800
Manufacturing	113	\$6,910,400	\$47,680,300
Transportation and Communication	206	\$11,714,100	\$50,699,000
Wholesaling	45	\$3,443,400	\$10,127,300
Retailing	78	\$1,886,600	\$5,741,900
Finance, Insurance and Real Estate	194	\$9,460,600	\$45,999,700
Travel and Entertainment	258	\$4,046,100	\$12,228,200
Business and Personal Services	528	\$29,244,500	\$58,373,300
Government	88	\$7,211,600	\$16,914,100
<b>Total</b>	<b>1,663</b>	<b>\$81,492,900</b>	<b>\$298,874,400</b>
<b>Induced Economic Impact</b>			
Agriculture	140	\$6,057,100	\$59,875,800
Mining	4	\$125,800	\$986,700
Construction	28	\$1,444,700	\$4,918,900
Manufacturing	124	\$7,626,800	\$64,050,400
Transportation and Communication	114	\$7,881,400	\$50,693,600
Wholesaling	73	\$5,607,600	\$16,507,900
Retailing	251	\$7,610,700	\$18,408,200
Finance, Insurance and Real Estate	286	\$13,256,100	\$90,764,600
Travel and Entertainment	197	\$3,317,000	\$11,989,600
Business and Personal Services	948	\$46,744,100	\$91,299,400
Government	31	\$2,690,900	\$8,972,100
Other	34	\$497,300	\$1,078,800
<b>Total</b>	<b>2,230</b>	<b>\$102,859,500</b>	<b>\$419,546,000</b>
<b>Total Economic Impact</b>	<b>9,733</b>	<b>\$339,443,900</b>	<b>\$1,140,107,200</b>

## MOTORCOACH GROUP TOURISM HELPS DRIVE NEBRASKA'S ECONOMY

### Methodology

The American Bus Association Foundation Motorcoach Group Tourism Economic Impact Study estimates the economic contributions made by the motorcoach group tour industry to the U.S. economy in 2016. John Dunham & Associates conducted this research, which was funded by the American Bus Association Foundation (ABAF). This study uses standard econometric models that were first developed by the U.S. Forest Service, and now maintained by IMPLAN LLC. Data came from industry sources, government publications and Infogroup.<sup>8</sup>

The study defines the motorcoach group tour industry as those firms primarily engaged in motorcoach charter, sightseeing, or packaged tour transportation services; and those which provide accommodations, food, entertainment and retail opportunities to the passengers carried on the motorcoaches.<sup>9</sup> The study measures the number of jobs in this industry, the wages and benefits paid to employees, and total output.

Industries are linked to each other when one industry buys from another to produce its own products. Each industry in turn makes purchases from a different mix of other industries, and so on. Employees in all industries extend the economic impact when they spend their earnings. Thus, the economic activity of the motorcoach travel and tourism industry generates output (and jobs) across hundreds of other industries, often in states far removed from the original economic activity. The impact of supplier firms, and the “Induced Impact” of the re-spending by employees of industry and supplier firms, is calculated using an input/output model of the United States. The study calculates the impact on a national basis, by state, county, Census State and Congressional District.

Nebraska estimates are based on a geographic model of the location of various travel based businesses (like hotels, restaurants and venues), and a motorcoach transportation model that places each of the motorcoaches used in the analysis (charter, scheduled service and tour services) somewhere in a geographic location no greater than 300 miles from its base of operation. The overlapping motorcoach operation areas are used to estimate the number of motorcoach equivalents in each zip code in the country. Data from the ABAF’s Motorcoach Group Tourism model developed at the state level was then allocated by zip code based on an index equal to the number of representative coaches and each of the tourism job categories. Therefore, if 10 percent of a state’s motorcoach activity is in a certain zip code, then 10 percent of the impact is allocated there. Motorcoach group tour passenger equivalents<sup>10</sup> are equal to the number of representative coaches multiplied by 35 passengers.<sup>11</sup>

Tourism-based jobs (including hotel, amusement and retail jobs) are allocated to each location based on the relative weighting of hotel and retail jobs per capita in each individual community, with the motorcoach percentage and the type of establishment derived from a survey of tour and venue operators.

From a national perspective, as well as a localized one, the ABAF model represents group tour visitors on a standardized basis that may not coincide exactly with local estimates. This provides reasonable comparisons and economic impact modeling within geographic regions of variable sizes.

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This model was prepared for the American Bus Association Foundation by John Dunham & Associates, an economic consulting firm. For more detail on the model please contact JDA at [admin@guerrillaeconomics.com](mailto:admin@guerrillaeconomics.com).

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<sup>8</sup> Infogroup is the leading provider of business and consumer data for the top search engines and leading in-car navigation systems in North America. Infogroup gathers data from a variety of sources, by sourcing, refining, matching, appending, filtering, and delivering the best quality data. Infogroup verifies its data at the rate of almost 100,000 phone calls per day to ensure absolute accuracy.

<sup>9</sup> A limited amount of motorcoach charter service may consist of local group transportation and not necessarily tourism; for example, a high school sports team chartering a motorcoach to travel to a tournament.

<sup>10</sup> Visitors represent aggregated portions of an individual passenger on a motorcoach tour. In other words, a given geographic region may only be assigned a piece of a group tour visitor since they represent different types of economic impact in the same tour. By counting passengers as pieces, we are able to accurately estimate economic impact and room nights. However, estimations above for total “group tour visitors” should not be construed or represented as a specific count of individuals. This number represents the pieces of group tour visitors assigned to a given geographic region. The estimations for group tour visitors are provided for comparison and trending purposes only.

<sup>11</sup> This figure was derived in 2014 and was held consistent in the 2016 model.