

# Outdoor Recreation Satellite Account

Recreation by the Numbers: Federal Visitation and Economic Data Seminar



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## BEA Statistics

### Outdoor Recreation Satellite Account

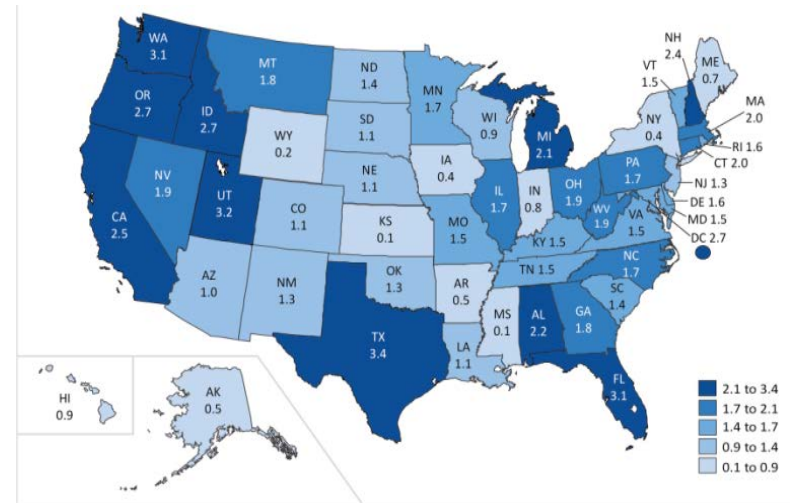
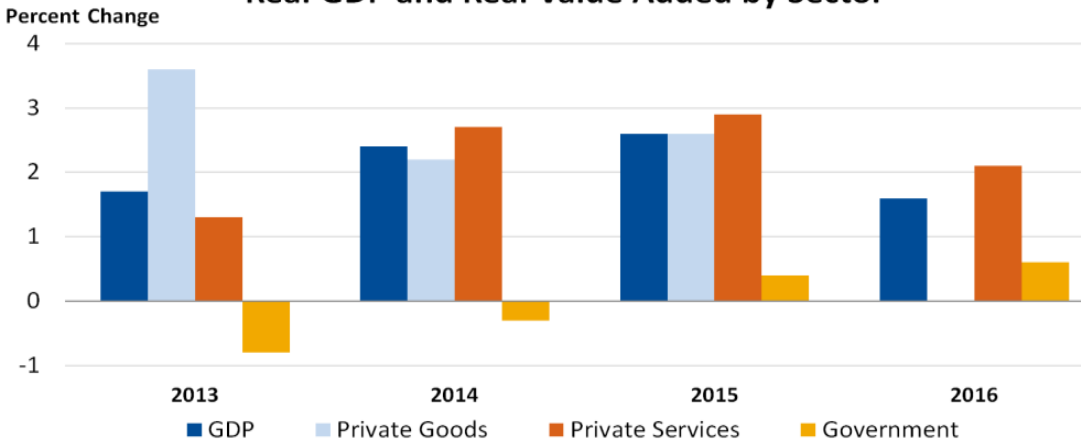
- Outdoor Recreation Jobs and Economic Impact Act of 2016
- Goals and Timeline

### Measuring the Outdoor Recreation Economy

- Defining Outdoor Recreation
- Data and Methods
- Next steps

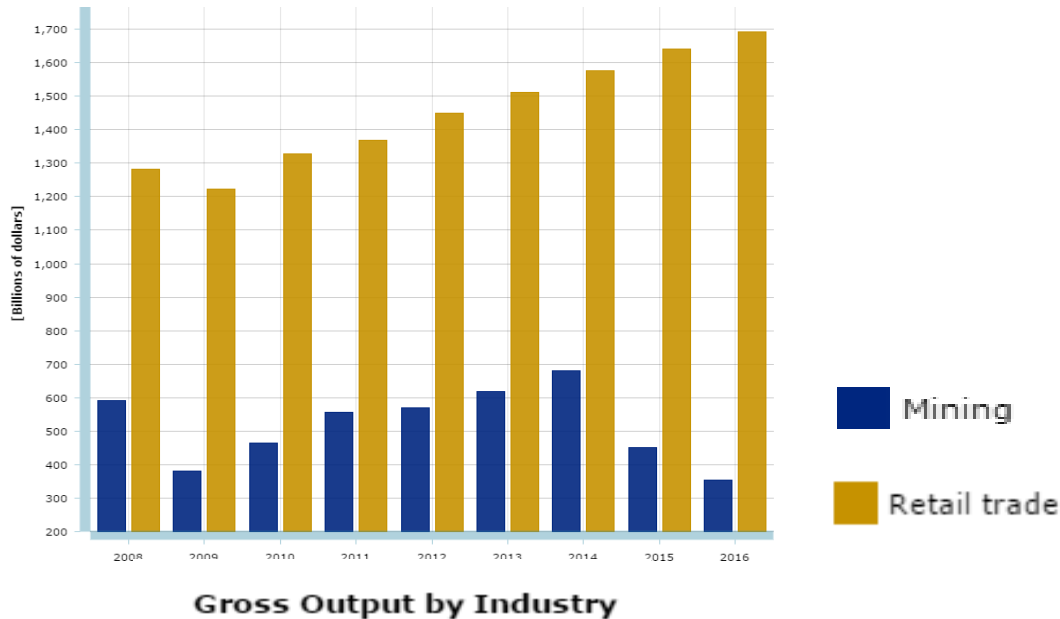
## Gross Domestic Product (GDP) is a measure of economic activity

### Real GDP and Real Value Added by Sector

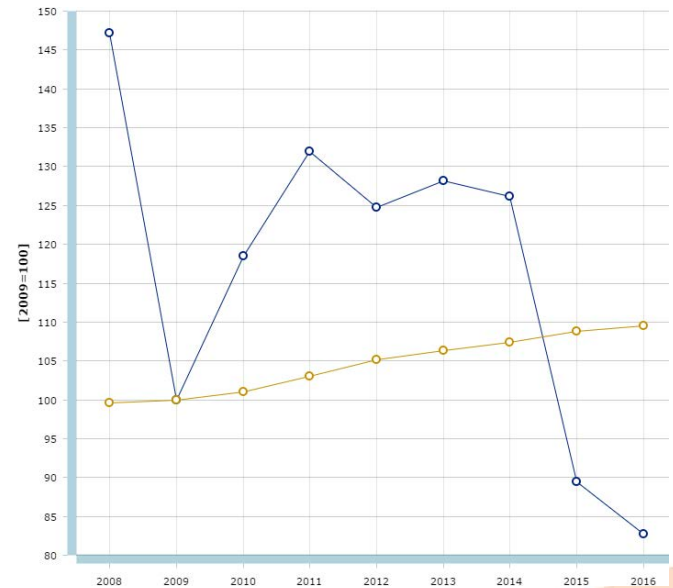


Percent Change in Real GDP by State, 2016:Q3–2016:Q4

## Gross Output is a measure of sales of intermedia and final products

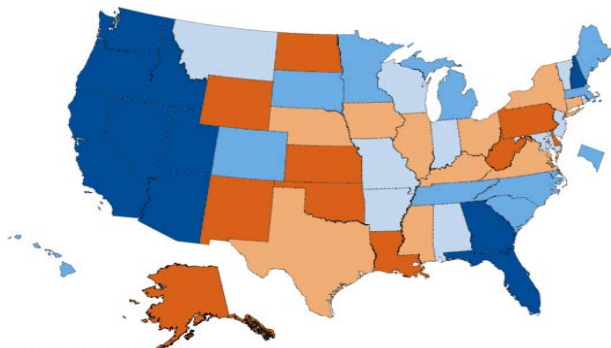


Chain-Type Price Indexes for Gross Output by Industry



Compensation is a measure of employee wages and benefits

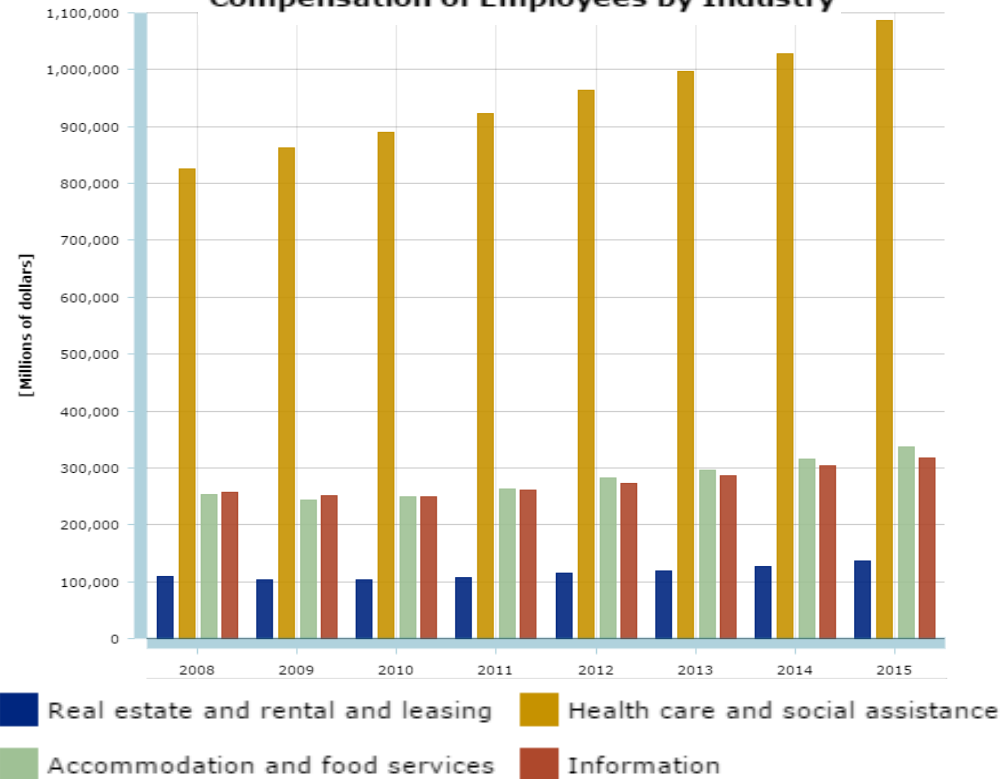
Compensation of employees, 2015 - 2016 Percent change



Source: BEA | U.S. = 3.2%

■ 5.09 to 7.38   
 ■ 4.13 to 5.08   
 ■ 3.73 to 4.12   
 ■ 2.78 to 3.72   
 ■ -5.21 to 2.77

Compensation of Employees by Industry



**Table 1. Production of Commodities by Industry, 2012**  
[Millions of dollars]

Commodity	Industry					Domestic production at producers' prices
	Information	Manufacturing	Construction	Wholesale and retail trade	All other industries	
<b>Core arts and cultural production.....</b>	<b>220,438</b>	<b>11,897</b>	.....	<b>3,325</b>	<b>32,338</b>	<b>571,068</b>
Performing arts.....	.....	.....	.....	.....	1,128	60,001
Museums.....	.....	.....	.....	.....	.....	17,617
Design services.....	151,576	11,897	.....	3,226	31,196	312,934
Arts education.....	.....	.....	.....	100	.....	106,310
Entertainment originals.....	68,862	.....	.....	.....	13	74,203
<b>Supporting arts and cultural production.....</b>	<b>325,869</b>	<b>27,043</b>	<b>20,875</b>	<b>114,751</b>	<b>9,415</b>	<b>561,186</b>
Arts support services.....	93	.....	.....	693	100	55,804
Information services.....	325,332	.....	.....	.....	2,568	334,102
Manufacturing.....	247	26,978	.....	5,053	1,240	34,221
Construction.....	.....	.....	20,875	.....	163	22,120
Arts-related wholesale and retail trade	193	66	.....	109,008	5,345	114,940
<b>Industry output.....</b>	<b>1,004,006</b>	<b>185,862</b>	<b>105,288</b>	<b>3,685,199</b>	<b>21,205,802</b>	<b>28,693,462</b>
<b>Intermediate inputs.....</b>	<b>396,761</b>	<b>105,848</b>	<b>53,056</b>	<b>1,420,823</b>	<b>9,686,259</b>	<b>12,448,878</b>
<b>Value added.....</b>	<b>607,243</b>	<b>80,012</b>	<b>52,232</b>	<b>2,264,377</b>	<b>11,519,543</b>	<b>16,244,584</b>
Compensation of employees.....	211,901	57,307	33,097	1,179,199	5,720,810	8,619,970

## Arts and Cultural Production Satellite Account

Source: *Survey of Current Business*  
January, 2015

## **Outdoor Recreation Jobs and Economic Impact Act of 2016**

**"An assessment and analysis of the outdoor recreation economy of the United States**

**And the effects attributable to such economy on the overall economy of the United States...**

**May consider employment, sales, and contributions to travel and tourism, and such other contributing components of the outdoor recreation economy"**

## Goals and Timeline

Define Outdoor Recreation (January-July, 2017)

Prepare prototype estimates (August-December, 2017)

Publish estimates and gather feedback (January, 2018)



## Private Industry, Academia

Specific outdoor recreation activities

Often broad reach of outdoor recreation economy



Source: Outdoor Industry Association

- Spending on the purchase of **gear and vehicles** and dollars spent on **trips and travel** (Outdoor Industry Association)

## Federal, State, Local Governments

Broad scope of OR activities

Outdoor recreation refers to the non-work time you spend doing outdoor activities

(Oregon State University)

**Table III-I: Percentage of Households Participating in Activities [2011 -- All Varieties]**

Activities	Percent
Walking for pleasure	82.2%
Visiting historic sites	63.5%
Visiting parks (local, state, natl.)	50.6%
Visiting natural area/preserve/refuge	50.3%
Swimming/pool	43.1%
Sunbathing/relaxing on a beach	41.3%
Swimming/beach	38.3%
Jogging/running	33.6%
Using a playground	29.9%
Picnicking away from home	28.0%
Visiting gardens/arboretums	25.6%
Hiking/backpacking	24.8%

Source: Virginia Department of Conservation and Recreation

## Defining Outdoor Recreation

Broad: All recreational activities undertaken for pleasure that occur outdoors

Narrow: Recreational activities undertaken for pleasure that generally involve some level of intentional physical exertion and occur in nature-based environments outdoors

- Core: Goods and services purchased directly for OR
- Supporting: Goods and services that facilitate access to OR

# Measuring the Outdoor Recreation Economy

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<b>“Narrow” Outdoor Recreation Activities</b>	<b>LAND</b>	<b>WATER</b>	<b>SPECIALIZED/NICHE</b>
	Animal-related	Boating	Air sports
	Bicycling	Fishing	Climbing
	Camping	Snorkeling	Orienteering
	Hiking	Swimming	Triathlons
	Hunting/Shooting/Trapping	Surfing	All other
	Off-highway vehicle driving	All other	
	Running/Jogging/Walking		
Snow-related			
All other			
<hr/>			
<b>“Broad” Outdoor Recreation Activities</b>	<b>SPORTS &amp; FITNESS</b>	<b>LEISURE</b>	<b>SITE-BASED</b>
	Field Sports	Photography	Agritourism
	Game Areas	Productive Activities	Festivals/Sporting events/Concerts
	Golf	Beekeeping	Outfitted travel/Guided tours
	Racquet Sports	Gardening	Parks
All other	All other	All other	

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## Methods and Data

Methodology will be consistent with BEA national accounting framework and other satellite accounts

- Goal is to determine portion of economy related to core and supporting outdoor recreation activities

Data from government and private sectors

- DOI, Forest Service, NPS, SCORPs
- Bureau of Labor Statistics (BLS) Time Use Survey and Consumer Expenditures Survey, Census Bureau Value of Construction
- National Marine Manufacturers Association, Motorcycle Industry Council, NPD, People for Bikes, International Snowmobile Manufacturers Association (ISMA)

## Next Steps

Finalize data and methods for prototype estimates, to be released early 2018

- Incorporate feedback from subject matter experts, including FRC

Feedback is wanted

- <https://www.bea.gov/outdoor-recreation/>
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