

Visitors' Perceptions of Recreation Economy in the Monongahela National Forest Area

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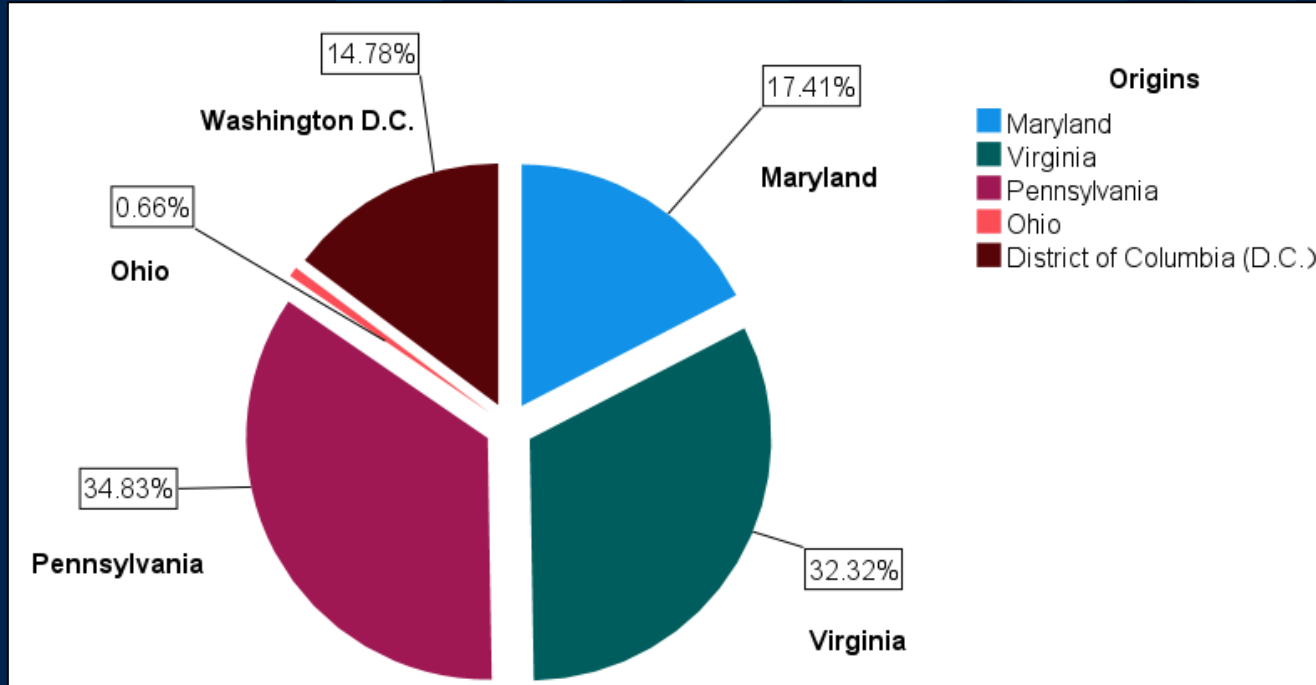
West Virginia University

04/13/2022

About the survey

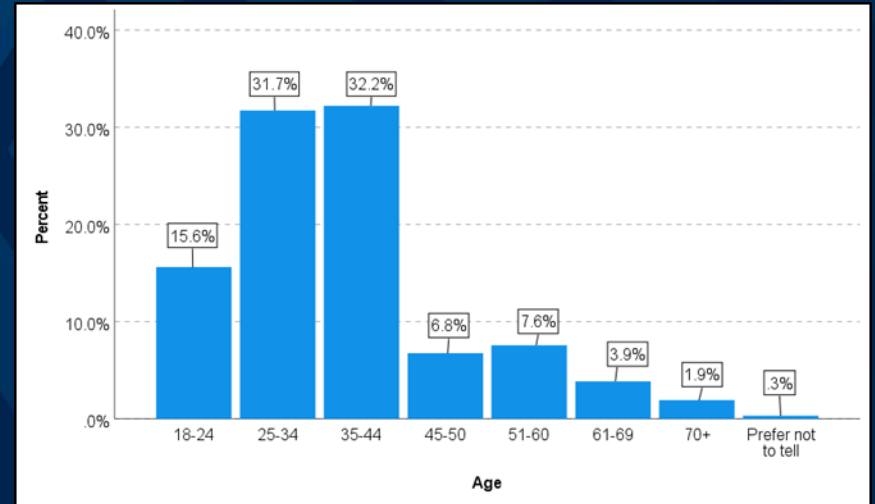
- Administered online by Qualtrics
- The survey was carried out between Oct. 21, 2021 and Jan. 8, 2022
- Participants: 621 completed ones (out of 815)
- Targeted states: PA, VA, MD, OH, DC

Section 1: Background Information



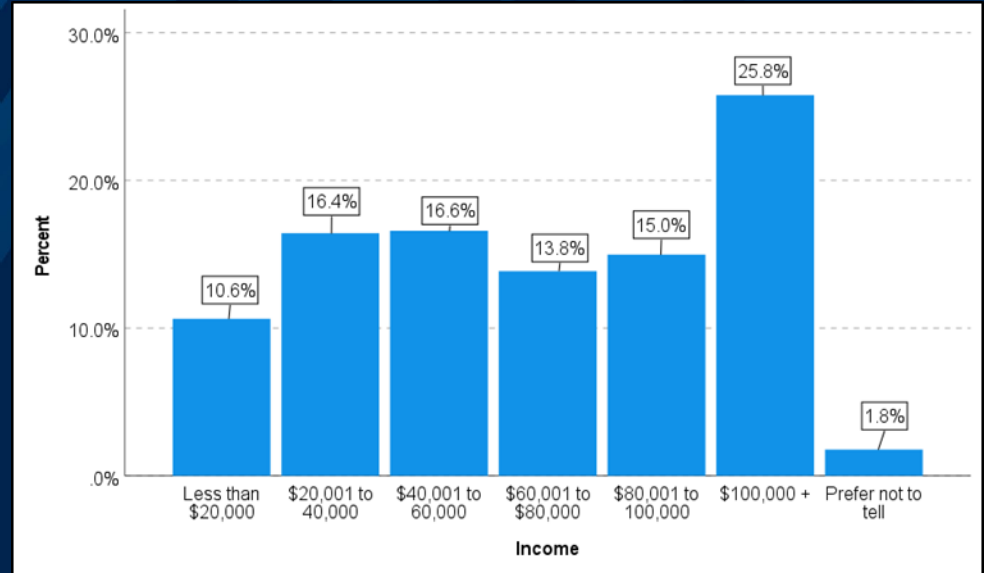
Section 1: Background Information

- The majority of respondents were young, with 79.5% of them ranging between 18 and 44 years old



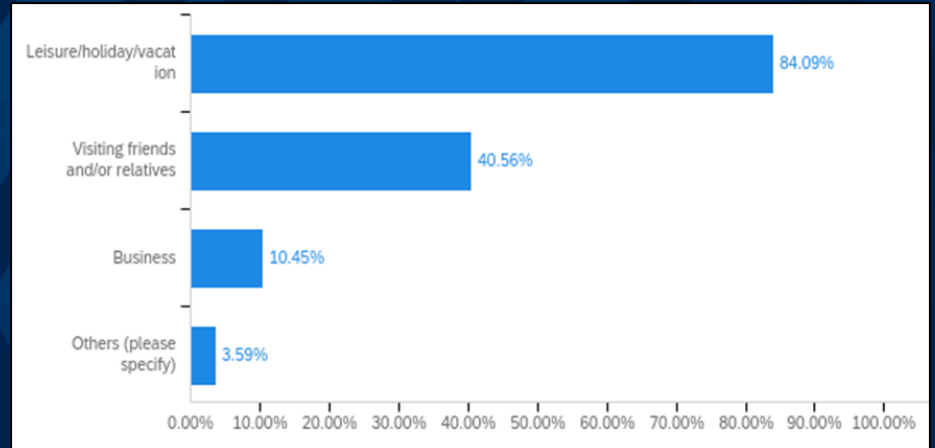
Section 1: Background Information

- The majority of respondents (40.8%) reported an income of \$80,001 or above



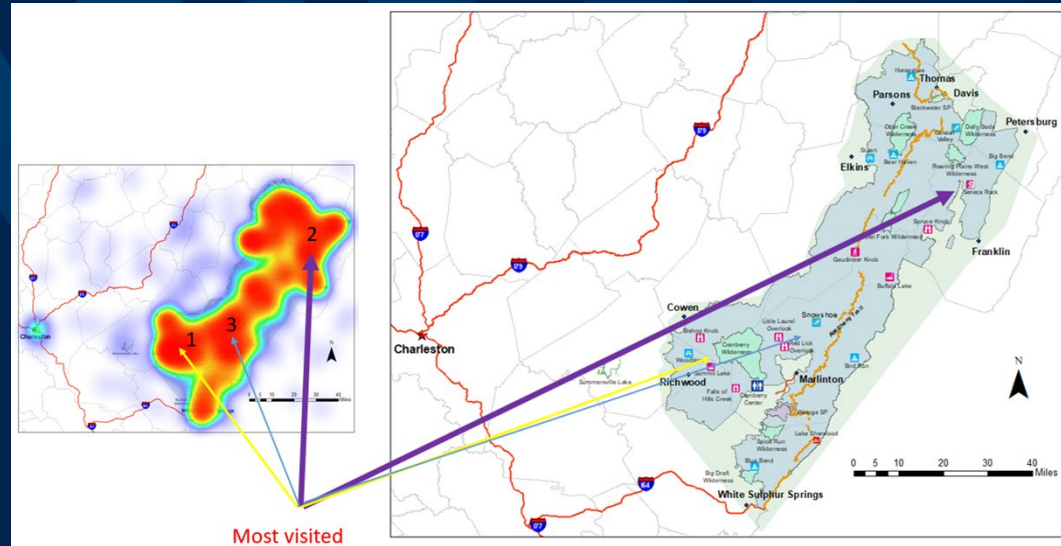
Section 2: Trip Characteristics

- Most respondents (84.09%) traveled to the forest area for leisure/holiday/vacation, followed by visiting friends and/or relatives (40.56%), and business (10.45%)



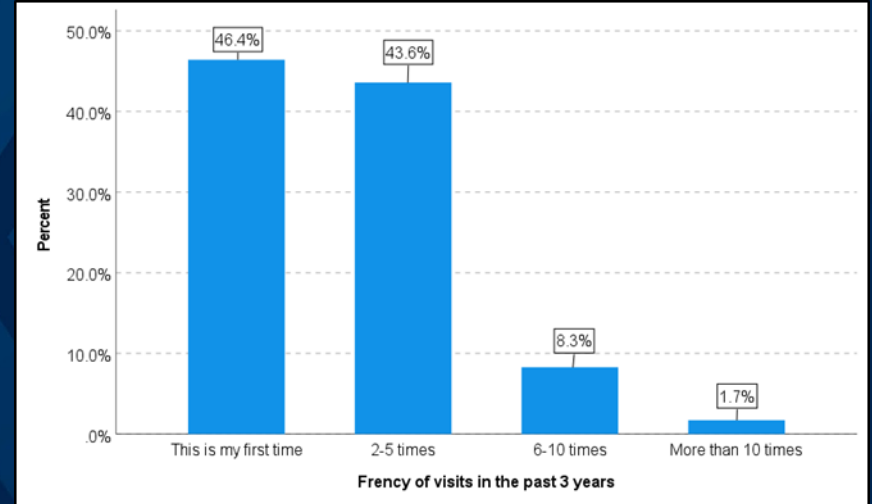
Maximum 10 places visited

- Subregion 1 (Richwood and Cranberry Wilderness) was most visited (36.46%)
- Subregion 2 (Seneca Rock) (31.46%)
- Subregion 3 which is featured by Snowshoe and a segment of Highland Scenic Highway (27.71%)



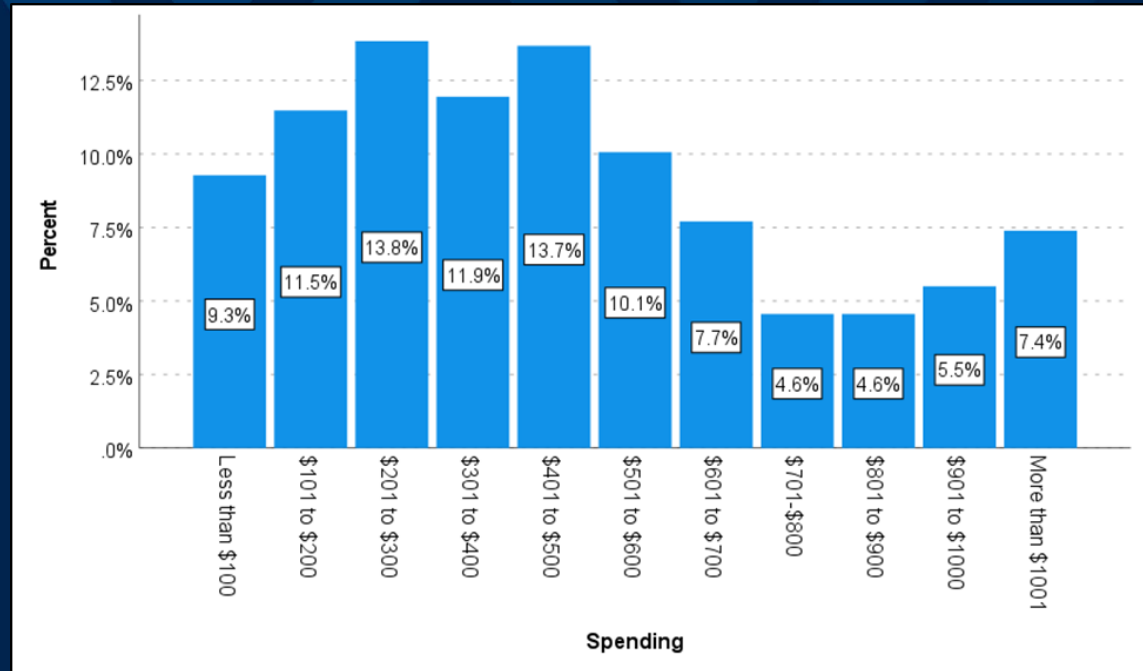
Section 2: Trip Characteristics

- A large number of respondents (46.4%) reported being the first time to visit the rea,



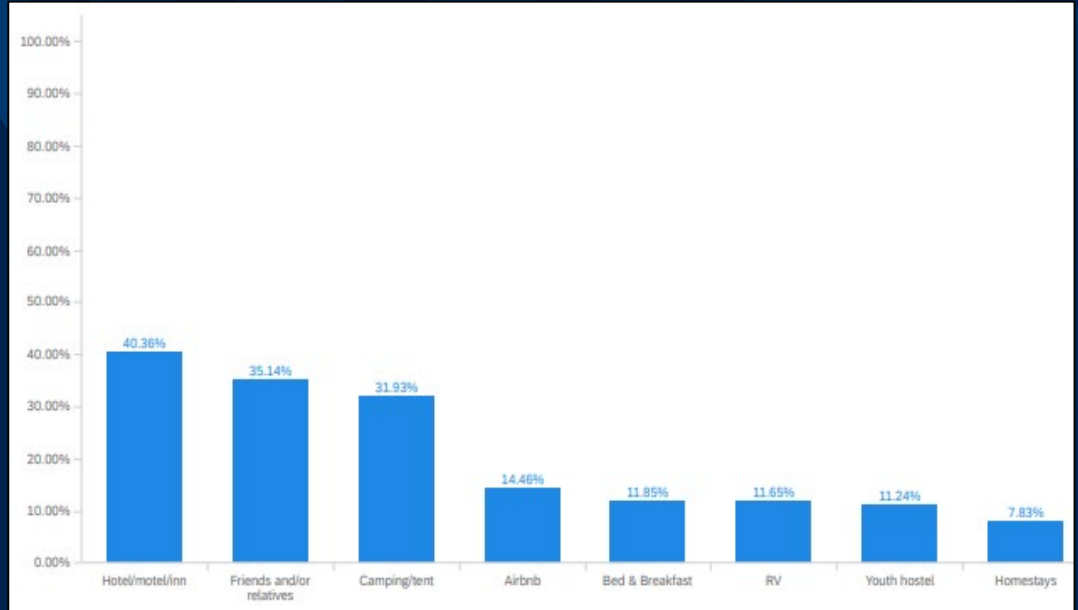
Section 2: Trip Characteristics

- A good number of respondents spent over \$600 per group/trip (**29.8%**) while 9.3% spent less than \$100.



Section 2: Trip Characteristics

- Most stayed in hotels/motels/inns (40.36%), followed by friends/relatives (35.14%), camping/tents (31.93%), and Airbnb (14.46%).



Section 4: Perceptions of Destination Images

- Highest:
 - Natural attractions
 - Conservation
 - Rural tranquility
- Lowest:
 - Lodging
 - Nightlife
 - Shopping
- Overall: very positive

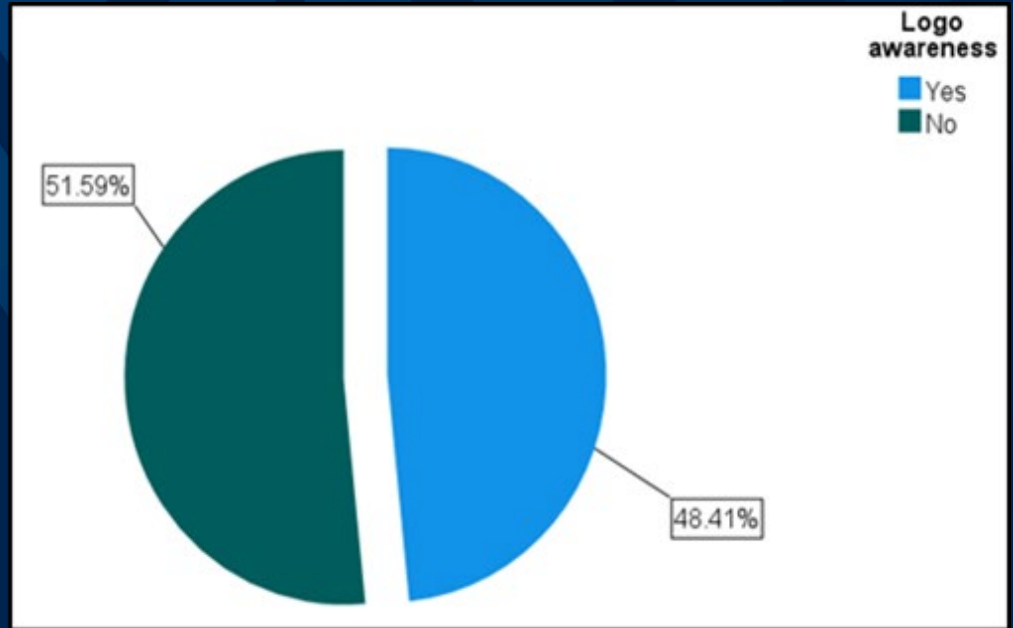
Items	Strongly disagree (SD) (%)	Mildly disagree (MD) (%)	Neutral (N) (%)	Mildly agree (MA) (%)	Strongly agree (SA) (%)	MA+ SA
1. I was impressed by the natural attractions in the area	2.5	2.9	6.8	32.2	55.6	87.8
9. The area is well maintained and conserved	1.4	3.2	11.4	39.5	44.5	84.0
3. The area provides a good opportunity to experience rural tranquility and authenticity	2.2	4.1	10.6	36.3	46.8	83.1
7. I felt secure and safe during my recent trip to the area	2.5	3.5	10.9	38	45	83.0
12. Prices are reasonable	1	5.2	13.6	42.3	37.9	80.2
13. The area provides diverse and quality outdoor recreational activities	2.2	3.3	14.3	35.8	44.4	80.2
11. The area provides opportunities to experience local food/eatery	1.9	4.1	15.2	42	36.8	78.8
4. Local residents are hospitable and friendly	1.7	3.3	16.8	35.7	42.5	78.2
5. Local products are diverse and unique	1.6	3.8	16.8	40.6	37.2	77.8
6. The area is easily accessible	1.3	5.1	16.2	40.7	36.8	77.5
2. I was impressed by the heritage and cultural assets in the area	1.6	4.4	17.3	36.5	40.3	76.8
15. The area is not crowded	1.7	5.9	16.2	39.6	36.6	76.2
8. The area has enough and	1.1	5.4	17.7	36.9	38.8	75.7
10. The area provides opportunities to experience	2.2	4.8	21.9	37.4	33.8	71.2
17. The area has a wide choice of lodging	1.9	5.1	22.8	40.3	30	70.3
14. The area provides good opportunities to enjoy entertainment and night life	2.4	7.1	21.6	38.4	30.6	69.0
16. The area is good for shopping	3	9.8	28.4	31.5	27.3	58.8
18. My overall image of the area was positive	1.7	1.9	9	34.1	53.2	87.3

Section 5: Perceptions of Relative Competitiveness

- **Most competitive :**
 - Recreation
 - Rural tranquility
 - Local people
- **Least competitive:**
 - Festival/events
 - Crowding
 - Nightlife
 - Shopping
- **Overall: 62.9%**

Items	Much worse (%)	Somewhat worse (%)	About the same (%)	Somewhat better (%)	Much better (%)	Last two combined
13. Outdoor recreation opportunities	1.4	3.7	30.7	35.1	29	64.1
3. Rural tranquility and authenticity	2.6	4.6	29	37.1	26.7	63.8
4. Hospitability and friendliness of local people	1.7	5.5	29.6	34.8	28.4	63.2
6. Accessibility	2	6.9	28.4	32.2	30.5	62.7
12. Prices	1.7	7.5	28.2	35.6	27	62.6
1. Natural attractions	4.3	6.9	27.9	31.6	29.3	60.9
11. Local food/eatery	1.7	7.5	29.9	30.7	30.2	60.9
2. Heritage and cultural assets	3.4	6.3	31	37.9	21.3	59.2
8. Infrastructure	2.3	6	32.5	32.2	27	59.2
5. Diversity and uniqueness of local products	2.3	6.9	31.9	34.5	24.4	58.9
7. Security and safety	2	4.3	35.1	27.9	30.7	58.6
9. Resource conservation	2	7.2	32.2	32.5	26.1	58.6
17. Lodging	2.9	6.3	33.6	30.7	26.4	57.1
10. Festivals and events	1.4	8.6	33.3	28.2	28.4	56.6
15. Crowding	1.4	8	33.9	31.9	24.7	56.6
14. Entertainment and night life	2.6	6.6	34.5	29	27.3	56.3
16. Shopping	1.4	9.2	38.2	27.3	23.9	51.2
18. Overall competitiveness	1.7	7.5	27.9	36.2	26.7	62.9

Section 6: Perceptions of Branding



Section 6: Perceptions of Branding

- Top three:
 - Interesting
 - Strong impression
 - Curiosity
- Bottom three (note: negatively worded):
 - Emotion
 - Appealing
 - Thinking

Items	Strongly disagree (SD) (%)	Mildly disagree (MD) (%)	Neutral (N) (%)	Mildly agree (MA) (%)	Strongly agree (SA) (%)	MA+SA
2. I find this brand interesting in a sensory way	2.4	5.9	15.3	39.8	36.6	76.4
1. This brand makes a strong impression on my visual sense or other senses	3.5	5.6	14.9	43	33.1	76.1
8. This brand stimulates my curiosity and problem solving	3.7	9.7	21.6	36.7	28.3	65.0
4. This brand induces feelings and sentiments	2.4	10.2	25.9	38.7	22.8	61.5
7. I engage in a lot of thinking when I encounter this brand	4.3	9.6	27.6	33.4	25.1	58.5
6. This brand is an emotional brand	5	12	29.6	27.5	26	53.5
5. I do not have strong emotions for this brand	12	19	26.2	25.9	16.9	42.8
3. This brand does not appeal to my senses	20	22.5	17.9	24.4	15.2	39.6
9. This brand does not make me think	16.6	19.2	24.9	22	17.3	39.3

Section 7: Destination Satisfaction

- **Top three:**
 - Natural attractions
 - Recreation
 - Rural tranquility
- **Bottom three:**
 - Festivals/events
 - Nightlife
 - Shopping
- **Overall: 84.7%**

Items	Extremely dissatisfied (%)	Somewhat dissatisfied (%)	Neutral (%)	Somewhat satisfied (%)	Extremely satisfied (%)	Last two combined
1. Natural attractions	1.6	1.9	9.3	36.1	51.1	87.2
13. Outdoor recreation opportunities	1	2.6	13.9	37.8	44.7	82.5
3. Rural tranquility and authenticity	1.6	1.9	15.2	36.2	45	81.2
7. Security and safety	1.6	3	14.6	37	43.8	80.8
9. Resource conservation	1.3	2.6	16.2	38.3	41.7	80
4. Hospitality and friendliness of local people	2.1	4	16.5	39.3	38.1	77.4
6. Accessibility	0.8	4.2	17.6	39.1	38.3	77.4
2. Heritage and cultural assets	1.1	3.8	17.8	41.8	35.4	77.2
12. Prices	1.1	5.1	17.9	41.7	34.1	75.8
17. Lodging	2.2	3.2	19.7	39.9	34.9	74.8
11. Local food/eatery	1.6	4.3	19.4	39.4	35.3	74.7
5. Diversity and uniqueness of local products	2.4	4	19.2	40.1	34.3	74.4
15. Crowding	1.6	5.4	21	39.4	32.5	71.9
8. Infrastructure	1.6	4	22.9	40.4	31.1	71.5
10. Festivals and events	1.9	5	25.5	33.8	33.8	67.6
14. Entertainment and night life	2.2	5.9	26.6	32.2	33	65.2
16. Shopping	2.4	6.4	26	35.4	29.8	65.2
18. Overall experience	1.6	2.1	11.5	35.7	49	84.7

Section 8: Perceptions of the Impacts of COVID-19 Pandemic

- **Top three:**
 - Travel preferences/behaviors
 - Safety/hygiene
 - New forms of tourism
- **Bottom three:**
 - Less likely to be contracted with COVID-19
 - COVID-19 cases affecting travel intention
 - Recreation economy never come back

Items	Strongly disagree (SD) (%)	Mildly disagree (MD) (%)	Neutral (N) (%)	Mildly agree (MA) (%)	Strongly agree (SA) (%)	MA+ SA
8. People's travel preferences and behaviors have been changed due to the pandemic	1.9	3.4	20.8	35.9	38	73.9
13. People will care about safety and hygiene while travelling more than they used to due to the pandemic	2.4	4.5	19.5	36.1	37.5	73.6
10. New forms of tourism may emerge in the forest area due to the pandemic	2.9	4.2	24.6	41.5	26.7	68.2
1. Covid-19 reduces the possibility of travelling with groups	7.6	6.9	17.7	38.2	29.6	67.8
12. Recreation tourism in the forest area will end up being more resilient and sustainable post the pandemic	2.6	4.8	25.8	43	23.8	66.8
5. The Monongahela National Forest will become more popular for city dwellers post the COVID-19 pandemic	2.3	6.8	24.3	39.9	26.7	66.6
14. COVID-19 increases the possibility of travelling alone or with family	3.9	7.7	23.7	36.9	27.9	64.8
6. People may choose to stay in Airbnb over hotels/motels while traveling to the forest area during the pandemic	3.4	6.9	28.7	37	24	61
15. Number of COVID-19 cases in the forest area may increase with influx of tourists	4.2	8.5	29.3	37	20.9	57.9
7. Camping has become more popular across the U.S. due to the pandemic. This popularity may fade away post the pandemic	3.1	11.8	28.2	33.8	23.2	57
2. I prefer to avoid traveling to urban areas due to COVID-19 pandemic	9.7	11.8	22.5	35.1	20.9	56
9. Tourism in the forest area was hit hard by the pandemic	3.7	9.7	31.1	31.7	23.8	55.5
4. There is a low likelihood of contracting COVID19 when travelling to the Monongahela National Forest area	6.1	8.7	30	30.6	24.6	55.2
3. Number of daily COVID-19 cases is a key factor that affects my intention to travel to the Monongahela National Forest	10.8	9.5	27.1	30.8	21.9	52.7
11. Recreation economy/tourism industry in the forest area will never come back to the pre-pandemic level	10	19.2	27.4	25.8	17.7	43.5

Section 9: Destination Loyalty

Items	Yes (%)	No (%)
2. I have said something positive about the area since my most recent trip to the area	84.5	15.5
1. I have recommended the area to my friends and family since my most recent trip to the area	81.3	18.7
3. I have <u>made a plan</u> to visit the area again since my most recent trip to the area	70.2	29.8

I have ...

Items	Strongly disagree (SD) (%)	Mildly disagree (MD) (%)	Neutral (N) (%)	Mildly agree (MA) (%)	Strongly agree (SA) (%)	MA + SA
2. I will say something positive about the area	2.1	3.5	8.2	33.3	52.8	86.1
1. I will recommend the area to my friends and family	3.1	2.6	9.3	36.6	48.5	85.1
3. I will visit the area again	1.9	2.7	11.6	30.6	53.1	83.7

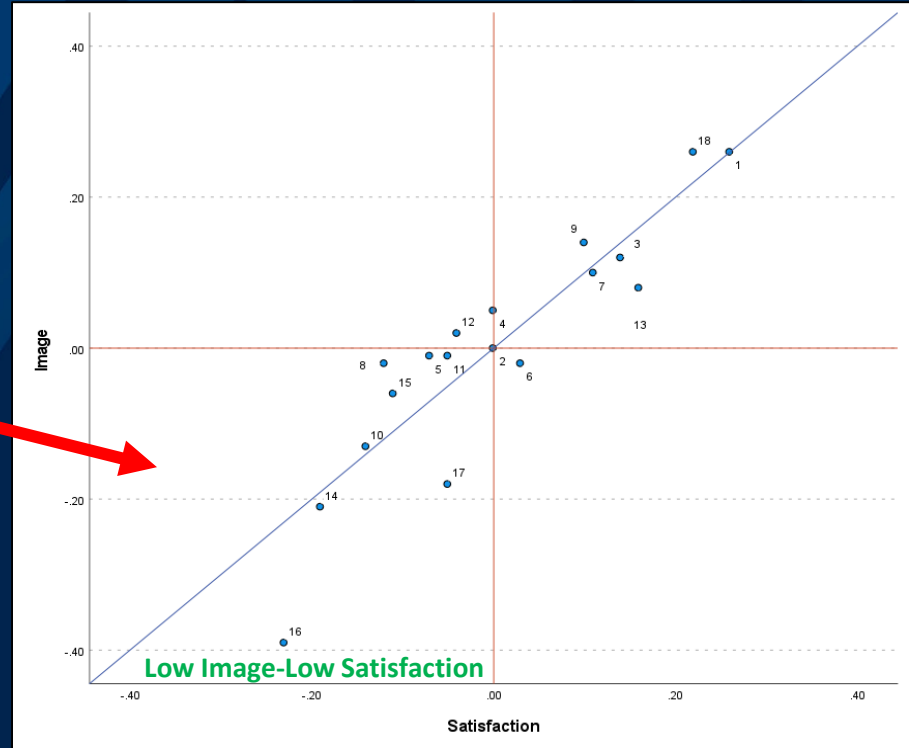
I will ...

Gap Analysis of Image, Competitiveness, and Satisfaction

Low images (below the mean value):

- Diversity and uniqueness of local products (item 5)
- Infrastructure (item 8)
- Festivals and events (item 10)
- Local food/eatery (item 11)
- Entertainment and night life (item 14)
- Crowding (item 15)
- Shopping (item 16)
- Lodging (item 17)

Related to lower level of satisfaction

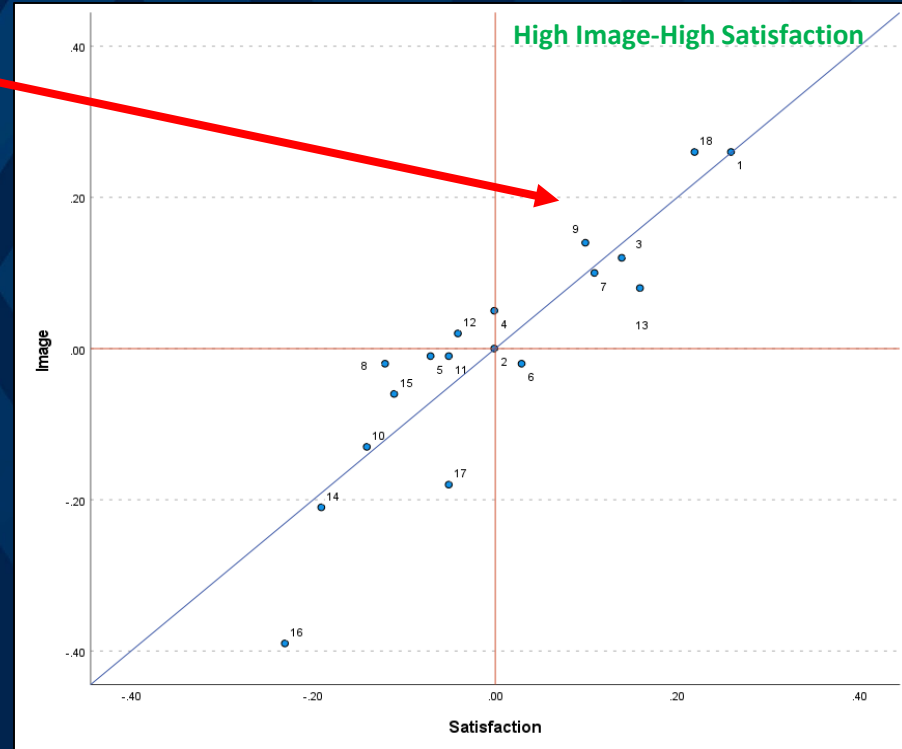


Gap Analysis of Image, Competitiveness, and Satisfaction

High images (above the mean value):

- Natural attractions (item 1)
- Rural tranquility and authenticity (item 3)
- Security and safety (item 7)
- Resource conservation (item 9)
- Outdoor recreation opportunities (item 13)
- Overall experience vs. overall image (item 18)

Related to higher level of satisfaction

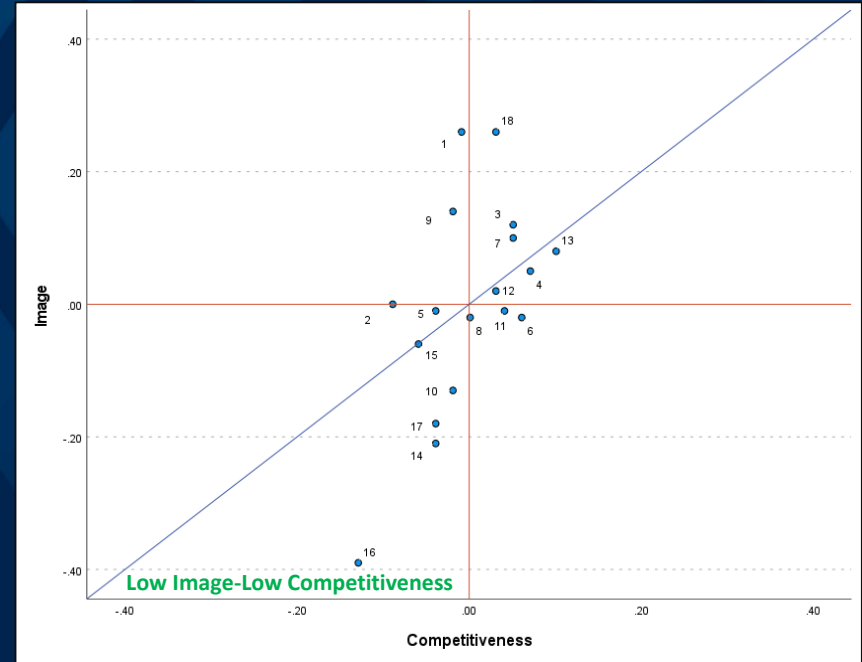


Gap Analysis of Image, Competitiveness, and Satisfaction

Low images (below the mean value):

- Diversity and uniqueness of local products (item 5)
- Festivals and events (item 10)
- Entertainment and night life (item 14)
- Shopping (item 16)
- Lodging (item 17)

Related to low level of competitiveness

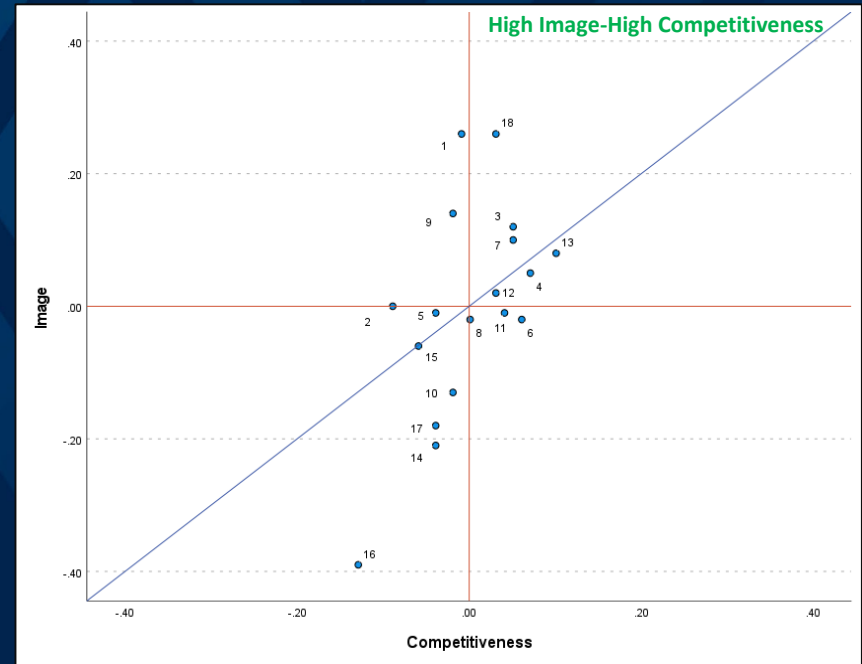


Gap Analysis of Image, Competitiveness, and Satisfaction

High images (above the mean value):

- Rural tranquility and authenticity (item 3)
- Hospitality and friendliness of local people (item 4)
- Security and safety (item 7)
- Prices (item 12)
- Outdoor recreation opportunities (item 13)
- Overall (item 18)

Related to high competitiveness



Thanks!

Questions/comments