Pioneering Experimental Biodiversity-Based Tourism Estimates for South Africa

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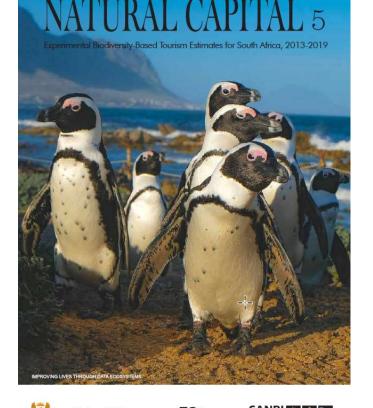


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Natural Capital series 5: Experimental Biodiversity-Based Tourism Estimates for South Africa



Was released on the Stats SA website (www.statssa.gov.za) on 11 July 2024.
Was compiled by State SA, but working in partnership with SANDL DEF

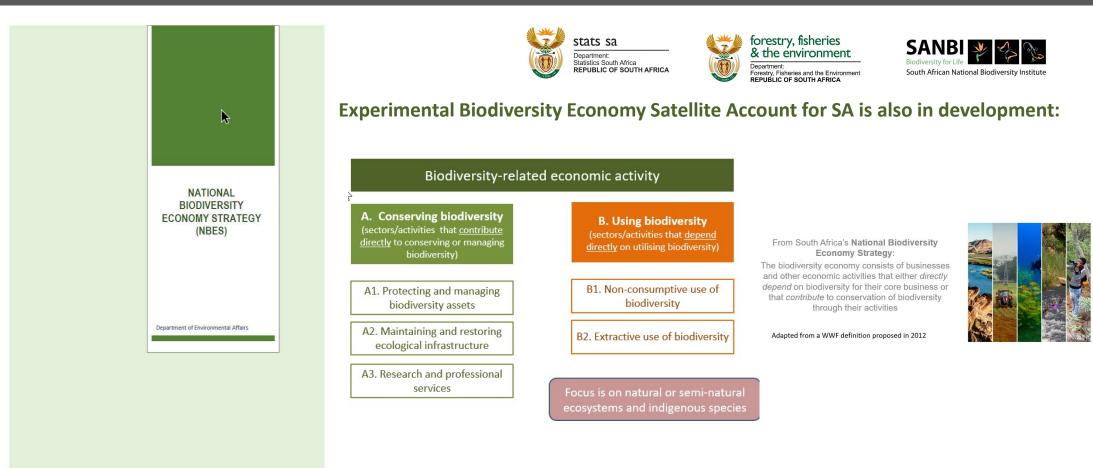
- 2. Was compiled by Stats SA, but working in partnership with SANBI, DFFE, NDT and SA Tourism.
- 3. Provides the first estimates of biodiversity-based tourism expenditure to the South African tourism sector and the South African economy, which is directly linked to the Tourism Satellite Account (TSA) for South Africa.
- 4. The Experimental Biodiversity-Based Tourism Estimates build upon and expand the work previously conducted by the SANBI and Stats SA concerning biodiversity-based tourism employment, as part of the latest National Biodiversity Assessment 2018 (NBA 2018).
- It contributes to the implementation of South Africa's National Natural Capital Accounting (NCA) Strategy, which was published by Stats SA in June 2021.
- 6. Statistics that come from the Experimental Biodiversity-Based Tourism Estimates for South Africa, 2013 to 2019 add to the richness of evidence available to decision and policymakers.



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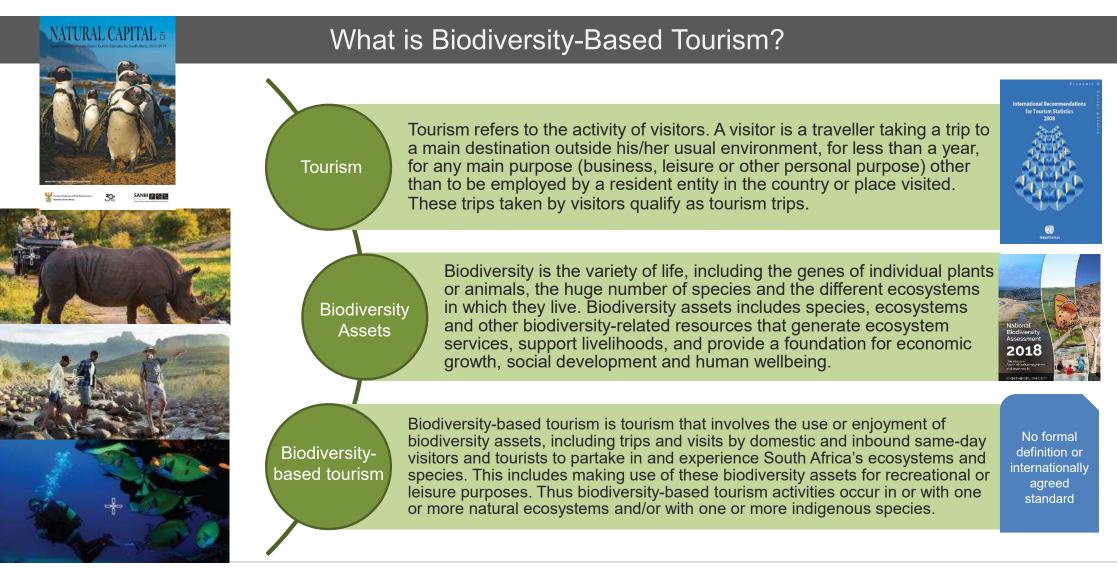


Experimental Biodiversity-Based Tourism Estimates: Policy Relevance









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Experimental BTE – the same as the Statistical Framework for Measuring the Sustainability of Tourism?

NO



- The Statistical Framework for Measuring the Sustainability of Tourism (SF-MST) is an organising structure for integrating statistics on the economic, environmental and social dimensions of sustainable tourism.
- The Statistical Framework for Measuring the Sustainability of Tourism (SF-MST) is an internationally-agreed framework endorsed by the United Nations Statistical Commission (UNSC) at its 55th session in February 2024.





Experimental BTE - methodology





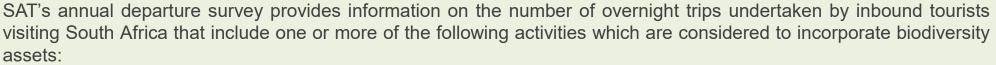


Experimental BTE - methodology

Stats SA DTS and SAT departure survey data used to extract BTE from TSA

Stats SA DTS - information on the number of same-day trips and overnight trips undertaken by South Africans visitors that include one or more of the following activities which are considered to incorporate biodiversity assets:

- Trips that include wildlife activities such as game viewing, whale watching, birdwatching, etc;
- Trips that include hunting activities;
- Trips that include beach activities;
- Trips that include visits to parks/gardens;
- Trips that include a visit to a mountain area;
- Trips that include outdoor or nature-based activities;
- Trips that include water sports such as diving, snorkelling, sailing, surfing; and
- Trips that include an adventure activity such as water rafting, mountaineering, etc.



- Number of inbound tourists visiting a nature-based attraction;
- Number of inbound tourists partaking in wildlife activities;
- · Number of inbound tourists visiting a beach; and
- Number of inbound tourists participating in an adventure activity.



IMPROVING LIVES THROUGH DATA ECOSYSTEMS





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Experimental BTE – methodology

How is the source data used for the calculation of the BTE Estimates from the TSA? – Accommodation example:

Stats SA DTS

BT domestic tourism expenditure on accommodation services

- The number and percentage of all domestic trips that included paid accommodation.
- Data on the number of domestic overnight trips that included biodiversity-based activities.
- The estimated time spend (percentage) of a trip that would involve the identified biodiversity-based activity.
- The estimated time spend (percentage) of the identified trip that involves the use or enjoyment of biodiversity assets.
- Average domestic tourism expenditure on accommodation services (calculated from the TSA)

SAT Departure survey

BT inbound tourism expenditure on accommodation services

- Data on the number of inbound tourist trips.
- The number and percentage of all inbound tourists' trips that included biodiversity-based activities.
- The estimated time spend (percentage) of a trip that would involve the identified biodiversity-based activity.
- The estimated time spend (percentage) of the identified trip that involves the use or enjoyment of biodiversity assets.
- Average inbound tourists' expenditure on accommodation services (calculated from the TSA)

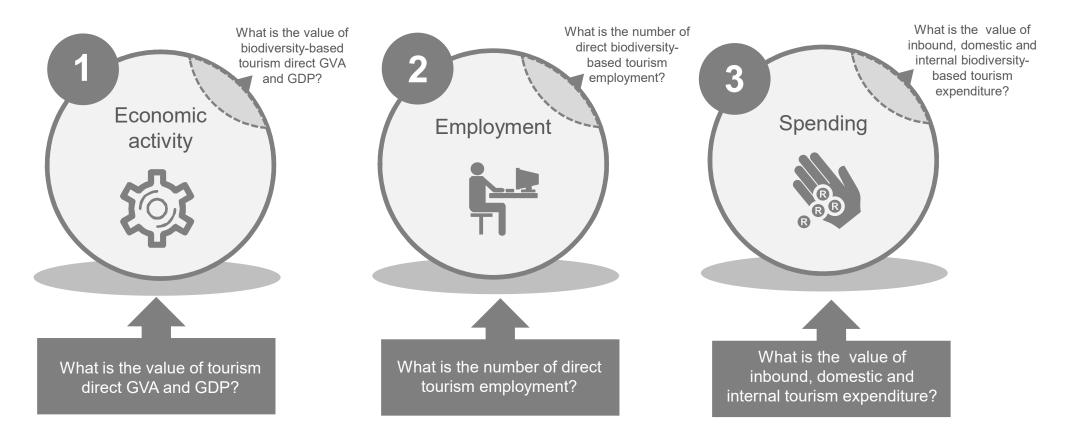
Uses a combination of calculated averages, weighted averages and estimates – depending on the tourism product and the amount of expenditure detail that is available from the source data (Stats SA DTS and SAT departure survey)





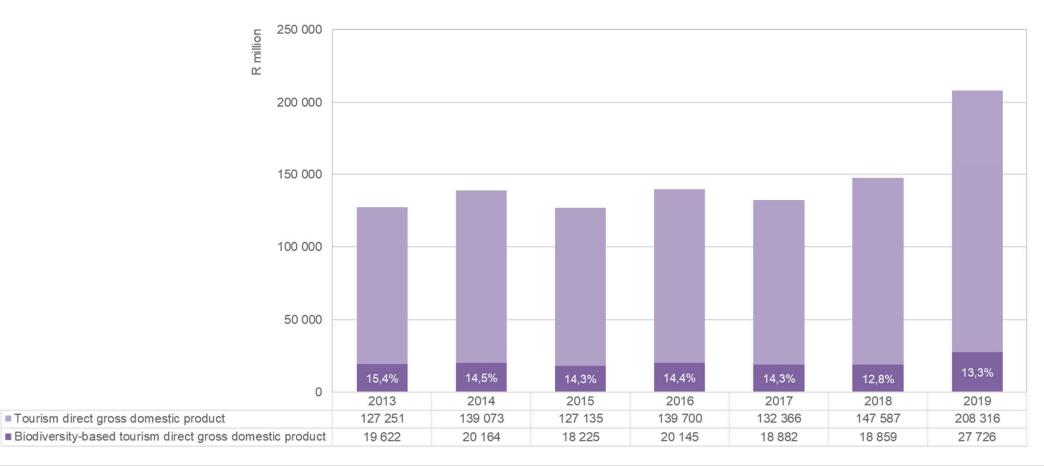
The BTE based on the TSA

The Tourism Satellite Account (TSA) covers the following related to the tourism sector





Biodiversity-based tourism direct gross domestic product was **R27 726 million** in 2019

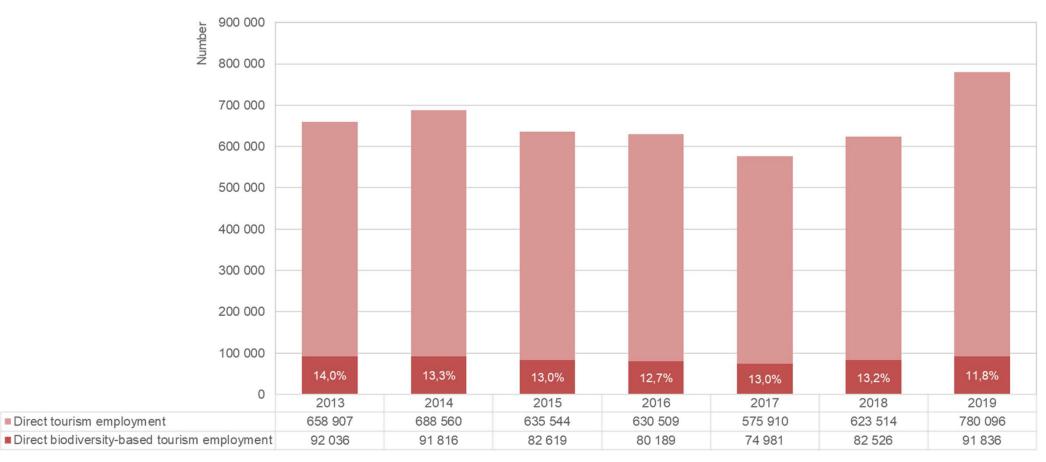






2. Employment

Biodiversity-based direct tourism employment was **91 836** individuals in 2019.

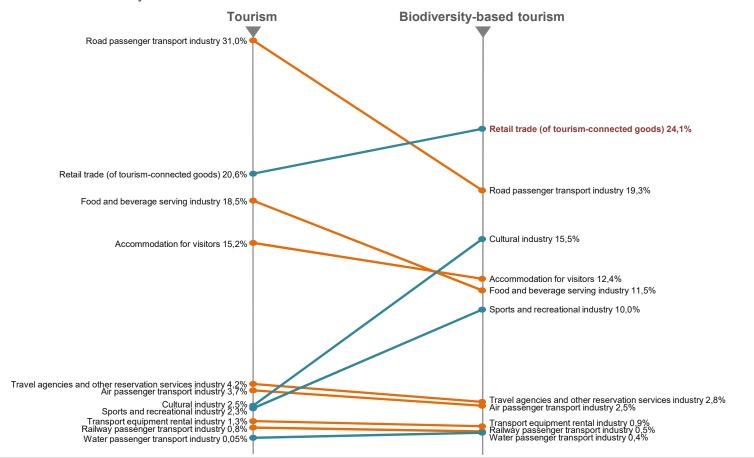






2. Employment

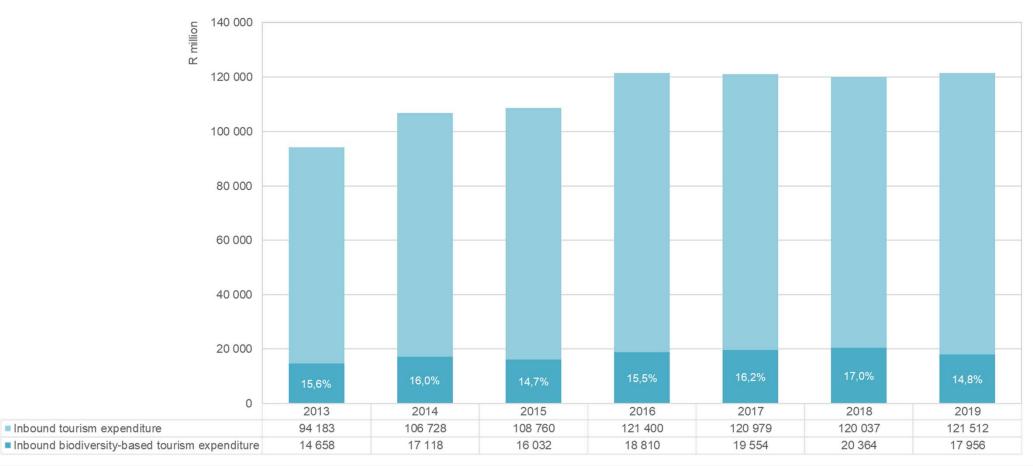
In 2019, retail trade (of tourism-connected goods) accounted for 24,1% of biodiversity-based direct tourism employment Percentage breakdown of the tourism and biodiversity-based tourism workforces







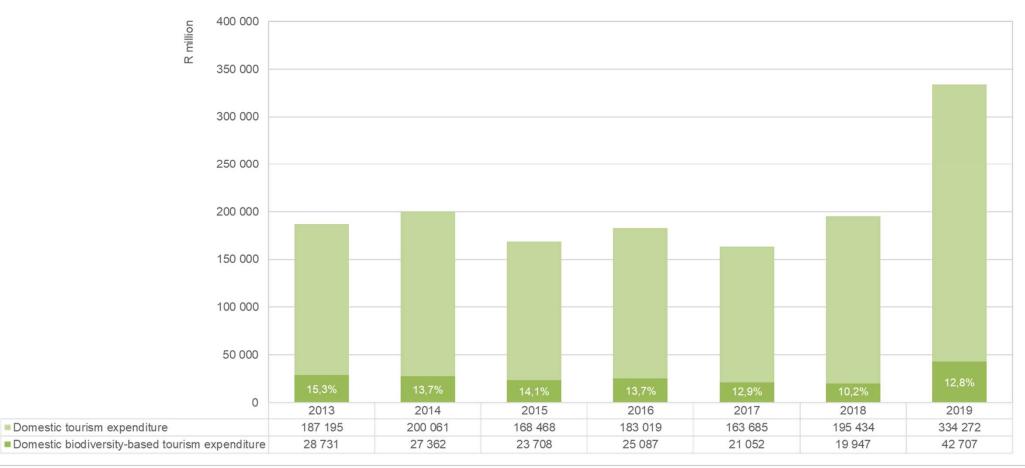
Inbound biodiversity-based tourism expenditure was R17 956 million in 2019







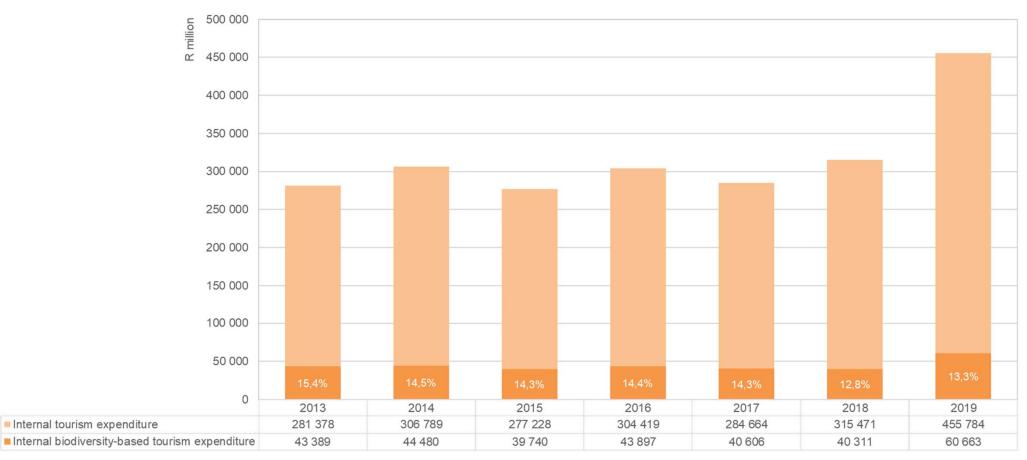
Domestic biodiversity-based tourism expenditure was R42 707 million in 2019







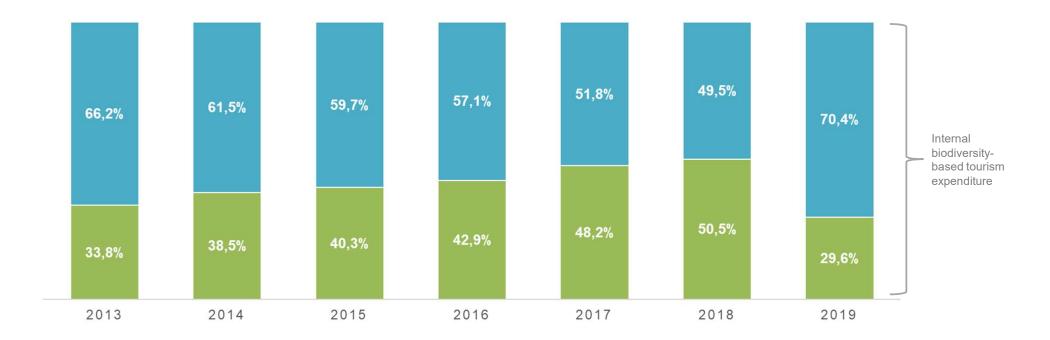
Internal biodiversity-based tourism expenditure was R60 663 million in 2019







In 2019, domestic biodiversity-based tourism accounted for 70,4% of total internal biodiversity-based tourism expenditure



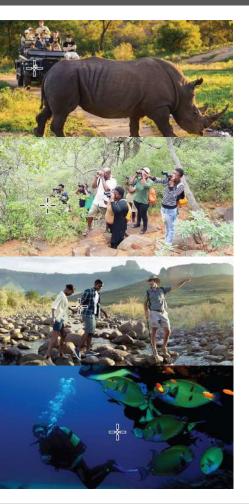
Domestic biodiversity-based tourism expenditure as a percentage of internal biodiversity-based tourism expenditure

Inbound biodiversity-based tourism expenditure as a percentage of internal biodiversity-based tourism expenditure





Important to note



- The Experimental BTE is a first attempt to quantify the economic contribution of biodiversitybased tourism to the South African tourism sector and the South African economy.
- BUT important to keep in mind all the other biodiversity benefits (non-economic) to the tourism sector:

Tourism is dependent on healthy, functioning ecosystems.

- 1. A healthy, properly functioning natural environment is a main tourism attraction.
- 2. All tourism even in city centres relies on natural resources for supplies of food, clean water and other 'ecosystem services' that ultimately depend on biodiversity.

Biodiversity contributes significantly to the attractiveness and quality of destinations, and therefore to their competitiveness.

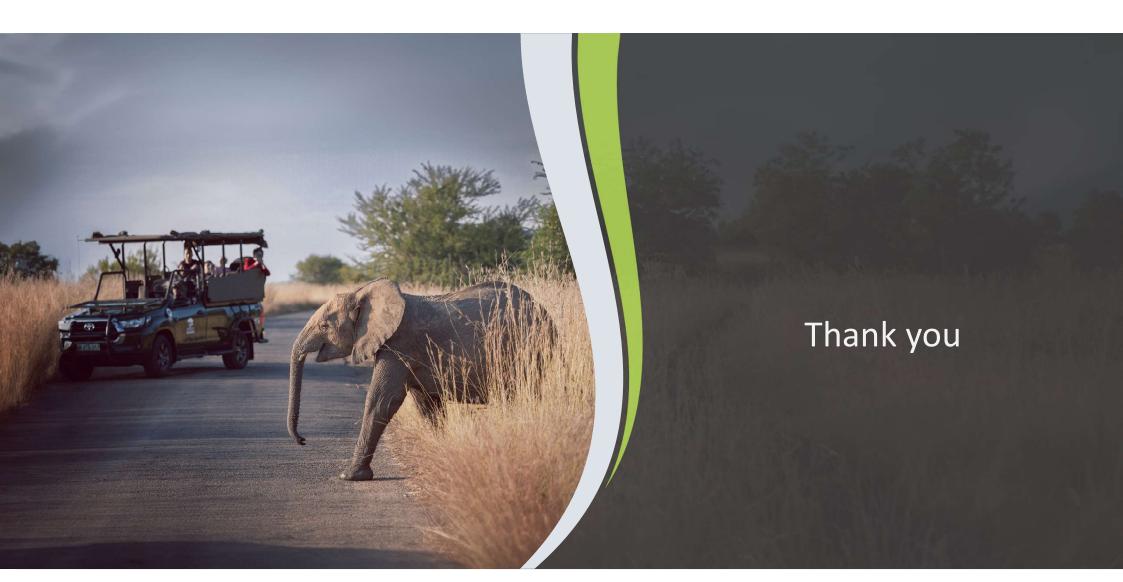
1. The image created by the biodiversity of destinations is important for marketing all the forms of tourism they offer, whether or not these are mostly based on biodiversity.

Because ecosystem services and biodiversity are vital for tourism, it makes sense for destinations and the tourism sector to protect them as valuable assets that contribute to the long-term success of tourism.



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