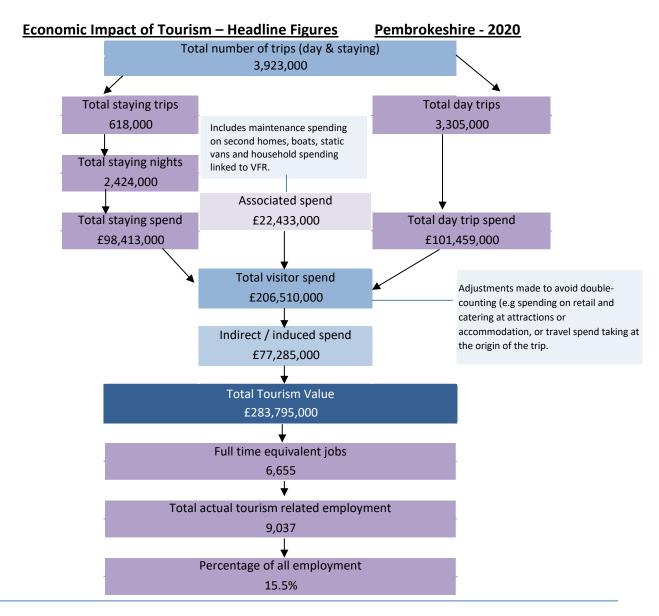




Economic Impact of Tourism

Pembrokeshire - 2020

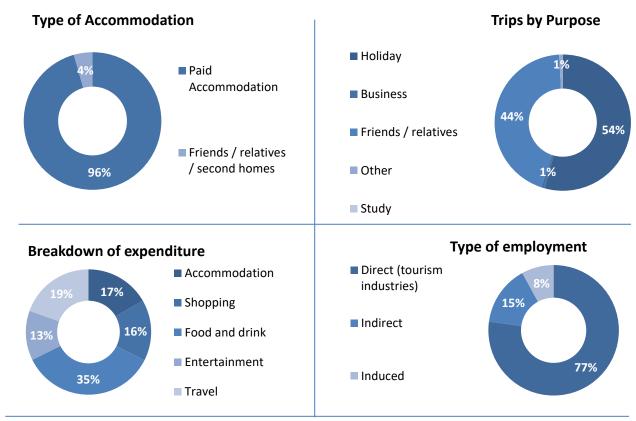
Contents	Page
Summary Results	<u>3</u>
Contextual analysis	<u>5</u>
Volume of Tourism	<u>8</u>
Staying Visitors - Accommodation Type	9
Trips by Accommodation	9
Nights by Accommodation	9
Spend by Accommodation Type	9
Staying Visitors - Purpose of Trip	10
Trips by Purpose	10
Nights by Purpose	10
Spend by Purpose	10
Day Visitors	10
Trips and Spend by Urban, Rural and Coastal Area	10
Value of Tourism	<u>11</u>
Expenditure Associated With Trips	12
Direct Expenditure Associated with Trips	12
Other expenditure associated with tourism activity	12
Direct Turnover Derived From Trip Expenditure	13
Supplier and Income Induced Turnover	13
Total Local Business Turnover Supported by Tourism Activity	13
<u>Employment</u>	
Direct	<u>13</u> 14
Full time equivalent	14
Estimated actual jobs	14
Indirect & Induced Employment	14
Full time equivalent	14
Estimated actual jobs	14
Total Jobs	15
Full time equivalent	15
Estimated actual jobs	15
Tourism Jobs as a Percentage of Total Employment	15
Appendix I - Cambridge Model - Methodology	<u>17</u>



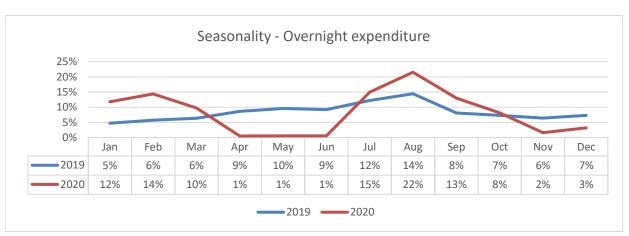
Economic Impact of Tourism – Year on year comparisons

2019	2020	Annual variation
6,010,000	3,305,000	-45%
£193,000,000	£101,459,000	-47%
1,043,000	618,000	-41%
4,285,000	2,424,000	-43%
£234,989,000	£98,413,000	-58%
£589,945,000	£283,795,000	-52%
12,437	9,037	-27%
	6,010,000 £193,000,000 1,043,000 4,285,000 £234,989,000	6,010,000 3,305,000 £193,000,000 £101,459,000 1,043,000 618,000 4,285,000 2,424,000 £234,989,000 £98,413,000 £589,945,000 £283,795,000

		2019		2020	Variation
Average length stay (nights x trip)		4.11		3.92	-4.5%
Spend x overnight trip	£	225.30	£	159.24	-29.3%
Spend x night	£	54.84	£	40.60	-26.0%
Spend x day trip	£	32.11	£	30.70	-4.4%







INTRODUCTION

This report examines the volume and value of tourism and the impact of visitor expenditure on the local economy in 2020 and provides comparative data against previously published data. The results are derived using the Cambridge Economic Impact Model under licence by Destination Research Ltd based on the latest data from national tourism surveys.

In its basic form, the model distributes regional activity as measured in national surveys to local areas using 'drivers' such as the accommodation stock and occupancy which influence the distribution of tourism activity at local level. This year, due to the COVID-19 pandemic, the Cambridge Model includes the following additional considerations.

Contextual analysis

Covid-19: Summary of national lockdown laws between March and December 2020.

- Phase one: first national lockdown England was in national lockdown between late March and June 2020. Non-essential shops re-opened on 15 June.
- Phase two: minimal lockdown restrictions Most lockdown restrictions were lifted on 4 July.
 The Eat Out to Help Out scheme was introduced on 3 August.
- Phase three: reimposing restrictions On 14 September, England's gathering restriction was tightened. People were once again prohibited from meeting more than six people socially.
 There is a return to working from home and a 10pm curfew for the hospitality sector.
- Phase four: second national lockdown A new-three-tier system of restrictions begins on 14 October and, on 5 November, national restrictions were reintroduced in England.
- **Phase five: reintroducing a tier system -** On 2 December, the tier system was reintroduced. Tier 4 restrictions come into force in London and parts of the Southeast on 21 December.

Covid-19 – Summary of impacts on the visitor economy for 2020

- Our analysis assumes a ten-week lockdown ending at the start of July and with very limited
 activity. It then assumes a period in July September when businesses start to open but
 social distancing remains in place and tourism spend remains well below pre-COVID levels,
 dipping again in November.
- Parts of the tourism industry reopened in time for the main summer school holiday window, from late July through to early September, picking up on the shoulder months of late September through to the end of October, including the October half term.

Cambridge Model 2020 results - Key methodology changes

The Cambridge Model examines the volume and value of tourism and the impact of that expenditure on the local economy. The model utilises information from national tourism surveys among other sources of information. The main national surveys used as data sources in stage one include:

- Great Britain Tourism Survey (GBTS) information on tourism activity by GB residents;
- International Passenger Survey (IPS) information on overseas visitors to the United Kingdom;
- Day visits in the annual Great Britain Day Visits Survey using information on visits lasting more than 3 hours and taken on an irregular basis.

The above reports are not specifically designed to produce highly accurate results at sub-regional level. In order to improve the accuracy of results we usually apply a 3-year rolling average to this data to highlight longer-term trends, whilst helping smooth out short-term market fluctuations and reducing the impact of any methodological changes affecting the survey. For example, published results relating to 2019 were, in fact, an average of 2017, 2018 and 2019 results.

The ongoing Covid-19 pandemic has caused global disruption to the visitor economy with activity re-starting at a slow pace. There is a consensus that tourism recovery will be segmented and gradual. In order to reflect the impact of the pandemic, the 2020 results will incorporate the following methodological changes:

- The 2020 results for the three key surveys (GBTS, IPS and GBDVS) were suspended in March 2020 because of the coronavirus (Covid-19) pandemic. No data was collected for the period when the surveys were not operational.
- The full 2020 results presented in this report are based on a range of administrative sources and modelling work, using the published 2019 Cambridge Model data as a starting point.
- Consumer travel insights published by STR, Deloitte, CBI and Oxford / Tourism Economics.
- Domestic tourism estimates produced by VisitBritain for each of the four journey purposes for domestic overnight tourism (holidays, business, visiting friends and relatives and miscellaneous journeys), 17 categories of spending for leisure day trips.
- Overseas visits estimates based on results of the International Passenger Survey (IPS), published by the ONS (Office for National Statistics) as well as additional administrative sources and modelling work carried out by VisitBritain.

Additional Methodology Changes

SEASONALITY: The Cambridge Model template produces annual (calendar year) results. Additional template development work will be required to add a monthly breakdown analysis. Based on a multi-year seasonality analysis data from the key surveys (GBTS, IPS and GBDVS), our modelling will assume a level of tourism activity on a monthly basis depending on the type of destination. Costal destinations are likely to be affected by higher levels of seasonality compared to rural destinations. Urban areas will be the least affected by seasonality.

TRIPS AND WEIGHTING FACTORS: Our model uses a set of weighting factors to reflect the fact that urban areas attracted proportionately higher levels of expenditure from day trippers due to the shopping opportunities, whereas coastal and rural areas experienced an increase in the proportion of all visits compared to 2019, but lower levels of spend, and a proportionately stronger overnight visitor market, due to the availability of self-catering accommodation and the wider offer of socially distanced holidays.

INTERVENTIONS: Our assessment will take into account the impact of interventions such as the 'eat out to help out' scheme, the visit local / shop local campaign or the 'We're Good to Go' assurance scheme. However, please note that due to limited sources of information available to us our assessment will not be detailed enough to identify specific effects to the results that can be directly attributable to the above interventions.

EMPLOYMENT: Our model assumes that a proportion of employment may have been retained through the Government's Job Retention Scheme, known as furlough. Under the furlough scheme employees continued to receive 80% of current salary for hours not worked, capped at £2,500 per month. The furlough scheme was first launched in April 2020. A more "flexible furloughing" system was started at the beginning of July 2020, continuing until the end of the year, which allowed employers to bring furloughed employees back to work part-time.

2020 National forecast

According to VisitBritain estimates, spending by domestic tourism in Britain in 2020 reached £34.0 billion (down 63% compared to 2019). The drop in expenditure is based on a decline of 60% for overnights and 64% for leisure day trips, although with different patterns throughout the year and by journey purpose.

According to these estimates, the UK received 11.1 million inbound visits in 2020, a 73% decline from the visit levels seen in 2019. In 2020 inbound visitors to the UK spent a total of £6.2 billion, a decline of 78% on 2019 results.

Volume of Tourism

Staying Visitors - Accommodation Type

Trips by Accommodation

		UK		Overseas		Total	
Serviced		95,000	16%	11,000	37%	106,000	17%
Self catering		80,000	14%	5,000	17%	85,000	14%
Camping		108,000	18%	3,000	10%	111,000	18%
Static caravans		121,000	21%	4,000	13%	125,000	20%
Group/campus		81,000	14%	1,000	3%	82,000	13%
Paying guest		2,000	0%	2,000	7%	4,000	1%
Second homes		41,000	7%	0	0%	41,000	7%
Boat moorings		26,000	4%	0	0%	26,000	4%
Other		1,000	0%	0	0%	1,000	0%
Friends & relati	ves	33,000	6%	4,000	13%	37,000	6%
Total	2020	588,000		30,000		618,000	
Comparison	2019	981,000		62,000		1,043,000	
Difference		-40%		-52%		-41%	

Nights by Accommodation

		UK		Overseas		Total	
Serviced		208,000	9%	26,000	25%	234,000	10%
Self catering		352,000	15%	24,000	23%	376,000	16%
Camping		405,000	17%	11,000	11%	416,000	17%
Static caravans		535,000	23%	18,000	17%	553,000	23%
Group/campus		357,000	15%	1,000	1%	358,000	15%
Paying guest		2,000	0%	9,000	9%	11,000	0%
Second homes		175,000	8%	0	0%	175,000	7%
Boat moorings		136,000	6%	0	0%	136,000	6%
Other		7,000	0%	0	0%	7,000	0%
Friends & relati	ves	142,000	6%	15,000	14%	157,000	6%
Total	2020	2,320,000		104,000		2,424,000	
Comparison	2019	3,970,000		315,000		4,285,000	
Difference		-42%		-67%		-43%	

Spend by Accommodation Type

		UK		Overseas		Total	
Serviced		£17,575,000	19%	£2,650,000	44%	£20,225,000	21%
Self catering		£13,062,000	14%	£1,155,000	19%	£14,217,000	14%
Camping		£15,038,000	16%	£533,000	9%	£15,571,000	16%
Static caravans		£19,839,000	21%	£888,000	15%	£20,727,000	21%
Group/campus		£13,225,000	14%	£1,000	0%	£13,226,000	13%
Paying guest		£45,000	0%	£0	0%	£45,000	0%
Second homes		£3,242,000	4%	£0	0%	£3,242,000	3%
Boat moorings		£4,910,000	5%	£0	0%	£4,910,000	5%
Other		£258,000	0%	£19,000	0%	£277,000	0%
Friends & relativ	es	£5,133,000	6%	£840,000	14%	£5,973,000	6%
Total	2020	£92,327,000		£6,086,000		£98,413,000	
Comparison	2019	£220,000,000		£14,989,000		£234,989,000	
Difference		-58%		-59%		-58%	

Serviced accommodation includes hotels, guesthouses, inns, B&B and serviced farmhouse accommodation. Paying guest refers to overseas visitors staying in private houses, primarily language school students. Other trips includes nights spent in transit, in lorry cabs and other temporary accommodation.

Staying Visitors - Purpose of Trip

Trips by Purpose

		UK		Over	seas	To	tal
Holiday		321,000	55%	14,400	48%	335,400	54%
Business		5,000	1%	400	1%	5,400	1%
Friends & relati	ves	257,000	44%	14,800	49%	271,800	44%
Other		5,000	1%	300	1%	5,300	1%
Study		0	0%	0	0%	0	0%
Total	2020	588,000		30,000		618,000	
Comparison	2019	981,000		62,000		1,043,000	
Difference		-40%		-52%		-41%	

Nights by Purpose

		UK		Over	seas	To	tal
Holiday		1,459,000	63%	52,000	50%	1,511,000	62%
Business		54,000	2%	5,000	5%	59,000	2%
Friends & relati	ves	786,000	34%	46,000	44%	832,000	34%
Other		21,000	1%	2,000	2%	23,000	1%
Study		0	0%	0	0%	0	0%
Total	2020	2,320,000		104,000		2,424,000	
Comparison	2019	3,970,000		315,000		4,285,000	
Difference		-42%		-67%		-43%	

Spend by Purpose

			UK		rseas	To	tal
Holiday		£63,705,000	69%	£4,147,000	68%	£67,852,000	69%
Business		£1,847,000	2%	£315,000	5%	£2,162,000	2%
Friends & relati	ives	£25,852,000	28%	£1,445,000	24%	£27,297,000	28%
Other		£923,000	1%	£179,000	3%	£1,102,000	1%
Study		£0	0%	£0	0%	£0	0%
Total	2020	£92,327,000		£6,086,000		£98,413,000	
Comparison	2019	£220,000,000		£14,989,000		£234,989,000	
Difference		-58%		-59%		-58%	

Day Visitors

Trips and Spend by Urban, Rural and Coastal Area

		Trips	Spend
Urban visits		826,000	£24,287,000
Countryside vis	its	1,322,000	£40,619,000
Coastal visits		1,157,000	£36,553,000
Total	2020	3,305,000	£101,459,000
Comparison	2019	6,010,000	£193,000,000
Difference		-45%	-47%

Value of Tourism

Expenditure Associated with Trips:

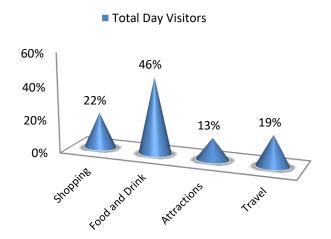
Direct Expenditure Associated with Trips

		Accomm.	Shopping	Food and Drink	Attractions	Travel	Total
UK Tourists		£31,409,000	£8,615,000	£23,267,000	£9,170,000	£19,865,000	£92,326,000
Overseas touris	sts	£2,346,000	£1,233,000	£1,287,000	£557,000	£664,000	£6,087,000
Total Staying		£33,755,000	£9,848,000	£24,554,000	£9,727,000	£20,529,000	£98,413,000
Total Staying (9	%)	34%	10%	25%	10%	21%	100%
Total Day Visite	ors	£0	£22,076,000	£46,893,000	£13,528,000	£18,962,000	£101,459,000
Total Day Visite	ors	0%	22%	46%	13%	19%	100%
Total	2020	£33,755,000	£31,924,000	£71,447,000	£23,255,000	£39,491,000	£199,872,000
%		17%	16%	36%	12%	20%	100%
Comparison	2019	£95,484,000	£67,091,000	£141,756,000	£44,904,000	£78,755,000	£427,990,000
Difference		-65%	-52%	-50%	-48%	-50%	-53%

Breakdown of expenditure

Total Staying (%) 40% 34% 25% 20% 10% 10% 10% 10% Recomm. Shopping Recomm. R

Breakdown of expenditure



Other expenditure associated with tourism activity

Other expenditure associated with tourism activity - Estimated spend							
Second homes Boats Static vans Friends & relatives Total							
£10,114,000 £1,735,000 £8,064,000 £2,520,000 £22,433,000							

Spend on second homes is assumed to be an average of £2,100 on rates, maintenance, and replacement of furniture and fittings. Spend on boats assumed to be an average of £2,100 on berthing charges, servicing and maintenance and upgrading of equipment. Static van spend arises in the case of vans purchased by the owner and used as a second home. Expenditure is incurred in site fees, utility charges and other spending and is estimated at £2,100. Additional spending is incurred by friends and relatives as a result of people coming to stay with them. A cost of £185 per visit has been assumed based on national research for social

<u>Direct Turnover Derived From Trip Expenditure</u>

Business turnover arises as a result of tourist spending, from the purchase of supplies and services locally by businesses in receipt of visitor spending and as a result of the spending of wages in businesses by employees whose jobs are directly or indirectly supported by tourism spending.

	Staying Visitor	Day Visitors	Total
Accommodation	£34,246,000	£938,000	£35,184,000
Retail	£9,750,000	£21,856,000	£31,606,000
Catering	£23,817,000	£45,486,000	£69,303,000
Attractions	£10,071,000	£14,218,000	£24,289,000
Transport	£12,318,000	£11,377,000	£23,695,000
Non-trip spend	£22,433,000	£0	£22,433,000
Total Direct 2020	£112,635,000	£93,875,000	£206,510,000
Comparison 2019	£249,424,000	£179,552,000	£428,976,000
Difference	-55%	-48%	-52%

Adjustments have been made to recognise that some spending on retail and food and drink will fall within attractions or accommodation establishments. It is assumed that 40% of travel spend will take place at the origin of the trip rather than at the destination.

Supplier and Income Induced Turnover

		Staying Visitor	Day Visitors	Total
Indirect spen	d	£26,356,000	£20,092,000	£46,448,000
Non trip spen	ding	£4,487,000	£0	£4,487,000
Income induc	ed	£22,214,000	£4,136,000	£26,350,000
Total	2020	£53,057,000	£24,228,000	£77,285,000
Comparison	2019	£116,019,000	£44,950,000	£160,969,000
Difference		-54%	-46%	-52%

Income induced spending arises from expenditure by employees whose jobs are supported by tourism spend.

Total Local Business Turnover Supported by Tourism Activity - Value of Tourism

		Staying Visitor	Day Visitors	Total
Direct		£112,635,000	£93,875,000	£206,510,000
Indirect		£53,057,000	£24,228,000	£77,285,000
Total Value	2020	£165,692,000	£118,103,000	£283,795,000
Comparison	2019	£365,443,000	£224,502,000	£589,945,000
Difference		-55%	-47%	-52%

Employment

Employment

The model generates estimates of full time equivalent jobs based on visitor spending. The total number of 'actual' jobs will be higher when part time and seasonal working is taken into account. Conversion of full time equivalent jobs into actual jobs relies on information from business surveys in the sectors receiving

Direct employment

Full time equivalent (FTE)							
		Staying Visitor		Day V	Day Visitor		:al
Accommodat	ion	978	36%	27	1%	1,005	21%
Retailing		141	5%	315	15%	456	9%
Catering		643	24%	1,228	58%	1,871	39%
Entertainment		310	11%	437	21%	747	15%
Transport		134	5%	123	6%	257	5%
Non-trip sper	nd	522	19%	0	0%	522	11%
Total FTE	2020	2,727		2,131		4,857	
Comparison	2019	3,848		2,415		6,263	
Difference		-29%		-12%		-22%	

Estimated actual jobs

	Staying	Visitor	Day V	isitor/	Tot	tal
Accommodation	1,448	38%	40	1%	1,487	21%
Retailing	211	5%	473	15%	684	10%
Catering	964	25%	1,842	59%	2,806	40%
Entertainment	437	11%	616	20%	1,053	15%
Transport	188	5%	174	6%	362	5%
Non-trip spend	595	15%	0	0%	595	9%
Total Actual 2020	3,843		3,145		6,988	
Comparison 2019	5,472		3,567		9,039	
Difference	-30%		-12%		-23%	

Indirect & Induced Employment

	Full Atom a positive for A (ETE)							
Full time equivalent (FTE)								
Staying Visitor Day Visitors				Total				
Indirect jobs		717	467	1,185				
Induced jobs		517	96	613				
Total FTE	2020	1,234	563	1,797				
Comparison	2019	2,149	832	2,981				
Difference		-43%	-32%	-40%				

Estimated actual jobs						
Staying Visitor Day Visitors Tot				Total		
Indirect jobs		818	533	1,350		
Induced jobs		589	110	699		
Total Actual	2020	1,407	642	2,049		
Comparison	2019	2,449	949	3,398		
Difference		-43%	-32%	-40%		

Total Jobs

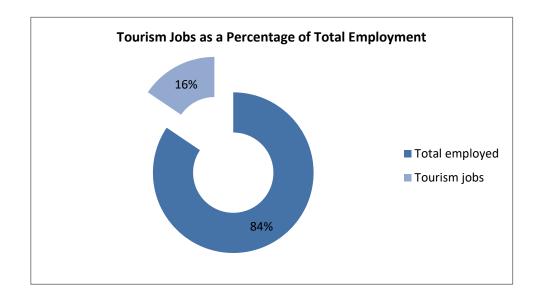
Actual jobs are estimated from surveys of relevant businesses at locations in England and take account of part time and seasonal working.

Full time equivalent (FTE)							
		Staying Visitor		Day Visitor		Total	
Direct		2,727	69%	2,131	79%	4,857	73%
Indirect		717	18%	467	17%	1,185	18%
Induced		517	13%	96	4%	613	9%
Total FTE	2020	3,961		2,694		6,655	
Comparison	2019	5,997		3,247		9,244	
Difference		-34%		-17%		-28%	

Estimated actual jobs							
		Staying Visitor		Day Visitor		Total	
Direct		3,843	73%	3,145	83%	6,988	77%
Indirect		818	16%	533	14%	1,350	15%
Induced		589	11%	110	3%	699	8%
Total Actual	2020	5,250		3,787		9,037	
Comparison	2019	7,921		4,516		12,437	
Difference		-34%		-16%		-27%	

Tourism Jobs as a Percentage of Total Employment

	Staying Visitor	Day visitors	Total
Total employed	58,120	58,120	58,120
Tourism jobs	5,250	3,787	9,037
Proportion all jobs	9%	7%	16%
Comparison 2019	7,921	4,516	12,437
Difference	-34%	-16%	-27%



Appendix I - Introduction about Cambridge Model

This report examines the volume and value of tourism and the impact of that expenditure on the local economy. The figures were derived using the Cambridge Economic Impact Model and the research was undertaken by Destination Research.

The model utilises information from national tourism surveys and regionally based data held by Destination Research. It distributes regional activity as measured in those surveys to local areas using 'drivers' such as the accommodation stock and occupancy which influence the distribution of tourism activity at local level.

Limitations of the Model

The methodology and accuracy of the above sources vary. The results of the model should therefore be regarded as estimates which are indicative of the scale and importance of visitor activity in the local area. It is important to note that in the national tourism surveys the sample sizes for each area changes year on year. This is as a result of the random probability nature of the methodology. As such, the results of the Cambridge Model are best viewed as a snapshot in time and we would caution against year-on-year comparisons.

It should be noted that the model cannot take into account any leakage of expenditure from tourists taking day trips out of the area in which they are staying. While it is assumed that these may broadly balance each other in many areas, in locations receiving significant numbers of day visitors from London, there is likely to be an underestimate in relation to the number of overseas day visitors staying in holiday accommodation in London.

Whilst it is important to be aware of these issues, we are confident that the estimates we have produced are as reliable as is practically possible within the constraints of the information available.

Rounding

All figures used in this report have been rounded. Therefore, in some tables there may be a slight discrepancy between totals and sub totals.

Data sources

The main national surveys used as data sources in stage one include:

- Great Britain Tourism Survey (GBTS) information on tourism activity by GB residents;
- International Passenger Survey (IPS) information on overseas visitors to the United Kingdom;
- Day Visits in the annual Great Britain Day Visitor Survey using information on visits lasting more than 3 hours and taken on an irregular basis

These surveys provide information down to a regional level. In order to disaggregate data to a local level the following information sources are used:

- Records of known local accommodation stock held by Destination Research;
- VisitEngland's surveys of Visits to Attractions, which provide data on the number of visitors to individual tourist attractions;
- Mid- 2018 estimates of resident population as based on the 2011 Census of Population;
- Selected data from the 2011 Census of Employment;
- Selected data on the countryside and coast including, national designations and length of the coastline.

Staying Visitors

The GBTS provides information on the total number of trips to the region and the relative proportions using different types of accommodation. By matching these figures to the supply of such accommodation, the regional average number of trips per bedspace or unit of accommodation can be derived. The IPS provides information on the total number of trips by overseas visitors to the region. The model uses three year rolling averages to reduce extreme highs and lows which are due to small sample sizes, rather than being a reflection on drastic changes in demand year-on-year.

Day Visitors

Information on day trips at the regional level is available from the Day Visits in Great Britain survey. The survey includes all leisure-related trips from home. It should be noted that a large proportion are local trips made by people resident in the locality. The model uses information from the survey to estimate the number of longer day trips (defined as those lasting at least 3 hours and involving travel of more than 20 miles) and irregular trips lasting more than 3 hours.

Impact of tourism expenditure

This section examines the impact of the tourism expenditure in terms of the direct, indirect and induced expenditure as well as an estimate of the actual jobs (both direct and indirect) supported by tourism expenditure in the district.

The GBTS, IPS and Day Visits to Great Britain survey data on the breakdown of visitor spending. The impact of this initial round of expenditure will be subsequently increased by multiplier effects. These arise from the purchase of supplies and services by the businesses in receipt of visitor expenditure (indirect impacts), and by the income induced-effects arising from the spending of wages by employees in the first round of business and in subsequent expenditure in supplier business (induced impacts).

The New Earnings Survey which provides information on wage levels by industry sector and region; An internal business database which includes data on the structure of business expenditure, local linkages and multiplier ratios drawn from a wide range of business and economic studies carried out by Geoff Broom Associates, PA Cambridge Economic Consultants and others. By applying the breakdown to the estimates of visitor spending, the model generates estimates of total direct spending.

Evidence from national studies suggests that some minor adjustments are required to match visitor spend to business turnover – for example, some expenditure on food and drink actually takes place in inns and hotels that fall in the accommodation sector and within attractions. More significantly, expenditure on travel costs associated with individual trips is equally likely to take place at the origin of the trip as the destination. Therefore the model assumes that only 40% of travel expenditure accrues to the destination area.

Number of full time job equivalents

Having identified the value of turnover generated by visitor spending, it is possible to estimate the employment associated with that spending. Wages for staff and drawings for the proprietors will absorb a proportion of that turnover. By applying these proportions to the overall additional turnover in each sector, the amount of money absorbed by employment costs can be calculated. The New Earnings Survey provides data from which the average costs by business sector, adjusted to take account of regional differences, can be calculated.

After allowing for additional costs such as National Insurance and pension costs, an average employment cost per full time equivalent job can be estimated. The number of such jobs in the local area can then be estimated by dividing the amount of business expenditure on wages and drawings by the average employment cost per job.

Number of Actual Jobs

The model generates estimates of full time equivalent jobs based on visitor spending. However, the total number of actual jobs will be higher when part time and seasonal working is taken into account. The full time equivalent jobs arising directly from visitor spending are converted into actual jobs using information from business surveys in the sectors receiving visitor spending (principally accommodation, food and drink, retail, attractions, transport). In general, the conversion factor between full time equivalent jobs and actual jobs varies around 1.5 in those sectors.

The indirect and induced jobs arise across a much wider range of employment sectors. Therefore, the average 1.16 for all sectors based on Census of Employment data has been used to convert full time equivalent jobs in this sector to actual jobs.

The employment estimates generated by the model include both self-employed and employed people supported by visitor expenditure. The model also includes an estimate of the additional jobs arising in the attractions sector, which are not related to visitor expenditure. However, the numbers do not include other tourism-related employment such as jobs in local authorities arising from their tourism functions, e.g. tourist information staff, additional public health, parks and gardens, public conveniences, maintenance sections and jobs arising from capital investment in tourism facilities.

Produced by:



Registered in England No. 9096970 VAT Registration No. GB 192 3576 85

45 Colchester Road Manningtree CO11 2BA

Sergi Jarques Director Tel: 01206 392528

<u>info@destinationresearch.co.uk</u> <u>www.destinationresearch.co.uk</u>