

## Tourism survey in the State of Jharkhand

### Annual Final Report



MINISTRY OF TOURISM  
DEPARTMENT OF TOURISM  
GOVERNMENT OF INDIA

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*Tourism Survey for the State of Jharkhand*

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**EXECUTIVE SUMMARY:**

Ministry of Tourism compiles data on domestic and foreign tourist visits in the States/ UTs based on the information received from the States/ UTs Government. Such information at States/ UTs level is generally collected by State Tourism Departments on the basis of administrative records and returns. In many cases, the information supplied does not cover the same-day visitors, visitors staying with friends and relatives, etc. Doubts have been also expressed by experts about the reliability of the data on domestic and foreign tourist visits released every year.

A need was felt to prepare a standard methodology for estimation of number of visitors at district level which can be used by the State/ UT Governments. This methodology should enable the compilation of such data on monthly basis. The methodology should also help in preparation of estimates of number of visitors for some period after the base line survey, mainly based on the information to be collected from the accommodation units without resorting to regular large scale survey.

Keeping these requirements in view, Ministry of Tourism, Government of India, has engaged Market Pulse to conduct a “Tourism Survey in the State of Jharkhand” during 2009-10.

**1.1 Tourist Traffic Trend**

A total of 104.19 lakh visits by domestic tourists and same day visitors were made in Jharkhand at the 59 important tourist destinations identified by the State Tourism Department. In addition, foreign tourists and same day visitors made a total of 15,557 visits at these destinations.

Tourist traffic followed a seasonal trend in Jharkhand. Total number of visits peaked in the period January – February. Visits by foreign tourists also registered a peak in December but declined thereafter.

Total number of domestic tourists and same visitors were estimated at 240.16 lakhs; same day visitors constituted 56% of the domestic tourists. Foreign tourists and same day visitors numbered 17,043; 95% of them were overnight tourists.

### **1.2 Composition of Tourists & Same Day Visitors**

Among the overnight domestic tourists, non-leisure tourists made up almost 83%. By contrast, leisure visitors made up 35% of the same day domestic visitors.

Almost 78% of the foreign tourists were leisure tourists. The foreign same day visitors were more uniformly split between leisure and non-leisure visitors.

Less than 1% of the tourists were foreign tourists.

### **1.3 Preferred Place of Stay**

Almost 45% of the domestic tourists stayed with friends and relatives while 48% stayed at hotels. On the other hand, 90% of the foreign tourists stayed at hotels.

Hotel guests peaked in January – February. Foreign tourists staying at hotels was highest in December; this was followed by another peak in August.

### **1.4 Place of Origin**

The largest proportion of foreign tourists came from USA, followed by UK, Europe and Germany.

Tourists from these countries made up 75% of the total foreign tourists.

The highest proportion of domestic tourists were from Jharkhand, West Bengal and then Bihar. Tourists from these states made up 90% of the domestic tourists.

### **1.5 Occupancy in Accommodation Units**

A total of 10 accommodation units were added during the year; there were 608 accommodation units in June 2010 with 10,582 rooms and 20,852 beds. On the basis of beds, the average occupancy rate was 23% with the peak registered in April.

Almost 15.87 lakh tourists stayed at accommodation units in Jharkhand during the year. Domestic tourists made up 99% of the guests as per the data revealed by the accommodation units. The average duration of stay was 1.07 days.

### **1.6 Profile of Accommodation Units (AUs)**

On an average, there were 45 employees for every 100 rooms. The accommodation units reported large number of temporary employees. A majority of the employees were less than 30 years of age. Almost 31% were employed in F&B with another 33% in miscellaneous functions

Of the 618 accommodation units identified, only 7 classified hotels disclosed information in this survey. Almost 46% of the non-classified accommodation units had 10 – 20 rooms.

### **1.7 Tourists' Demographic Profile**

The women visiting Jharkhand were slightly older than the men; more than 11.9% were more than 45 years old. On an average, the male day visitors were younger. There were significantly more men than women among all segments of visitors.

While a majority of the domestic visitors were married, a larger % the foreign visitors were not married. A majority of the domestic tourists claimed an income of less than Rs. 100000 while most of the foreign visitors claimed an income of US\$ 60 – 80000.

A majority of all the visitors were not graduates. A majority (85%) of the foreign tourists were self-employed professionals. A significant proportion of the tourists were either engaged in private service or business; a sizeable number were also students.

### **1.8 Visit Purpose & Logistics**

Most foreign tourists visited Jharkhand for business as well as leisure purposes. A substantial proportion also engaged in social activity. Education/ training and shopping also motivated the same day visitors.

While tourists from outside the state used the train, those from within the state used the bus also to a great extent.

### **1.9 Boarding & Lodging Details**

Friends and relatives were preferred for lodging purposes. Non-star hotels emerged as the second most preferred accommodation. A substantial proportion of the tourists ate at homes of friends and relatives followed by *Dhabas*.

### **1.10 Travel Feedback**

The visitors were not at all satisfied on account of quality of roads and behaviour of local people.

## **1.0 ABOUT JHARKHAND**

Jharkhand is a state in eastern India. It was carved out of the southern part of Bihar state on 15 November 2000. Jharkhand shares its border with the states of Bihar to the north, Uttar Pradesh and Chhattisgarh to the west, Orissa to the south and West Bengal to the east.

<b>Jharkhand : A Snapshot</b>	
Area	74,677 Sq. Km
Population (2001 census)	26,909,428
Population Density	360 people per Sq. Km.
Literacy Rate	59.6%
Principal Languages	Hindi & Santali

The industrial city of Ranchi is its capital. Some of the other major cities and industrial centers are Jamshedpur, Dhanbad, Bokaro, Sindri, Deoghar, Hazaribagh.

The name Jharkhand comes from the Sanskrit Jharikhanda which is the ancient name of the region's dense forest - Jharikhanda.

Jharkhand is famed for its mineral wealth and forestry products. Jharkhand has a rich variety of flora and fauna. The National Parks and the Zoological Gardens located in the state of Jharkhand present a panorama of this variety.

## 1.1 TOURIST STATISTICS

Following are the domestic and foreign tourist visits to Jharkhand as revealed by Ministry of Tourism on the basis of data provided by the state government.

Nationality	2004	2005	2006	2007	2008
Indian	4,61,486	20,42,723	21,38,685	49,06,394	60,30,028
Foreign	4,375	6,035	3,180	4,004	5,803
<b>Total</b>	<b>4,65,861</b>	<b>20,48,758</b>	<b>21,41,865</b>	<b>49,10,398</b>	<b>60,35,831</b>

Source: Tourist Statistics, Ministry of Tourism, NewJharkhand.

Some of the important tourist destinations in Jharkhand are mentioned below.

## 1.2 SOME IMPORTANT TOURIST DESTINATIONS

**Jagannathpur Temple** - About 10 km. from Ranchi G.P.O. is a sightseeing place where tourists can rejoice and worship. The old temple of lord Jagannath, built in 1691 in the architectural style of Puri Temple stands like a fort on the top of the in the hill. Its car/chariot festival draws a big crowd comprising of tribals and non-tribals.

**Dasam Water Fall** - About 40 km. away from Ranchi on Tata Road, falls a village named Taimara near which flows the Kanchi river, Falling from a height of about 144 feet Kanchi river makes a pretty fall called Dasam falls known as Dasam Ghagh.

**Dimna Lake, Jamshedpur** - It is 11 km from the city on the slope of the Dalma Hill; it supplies water to the city.

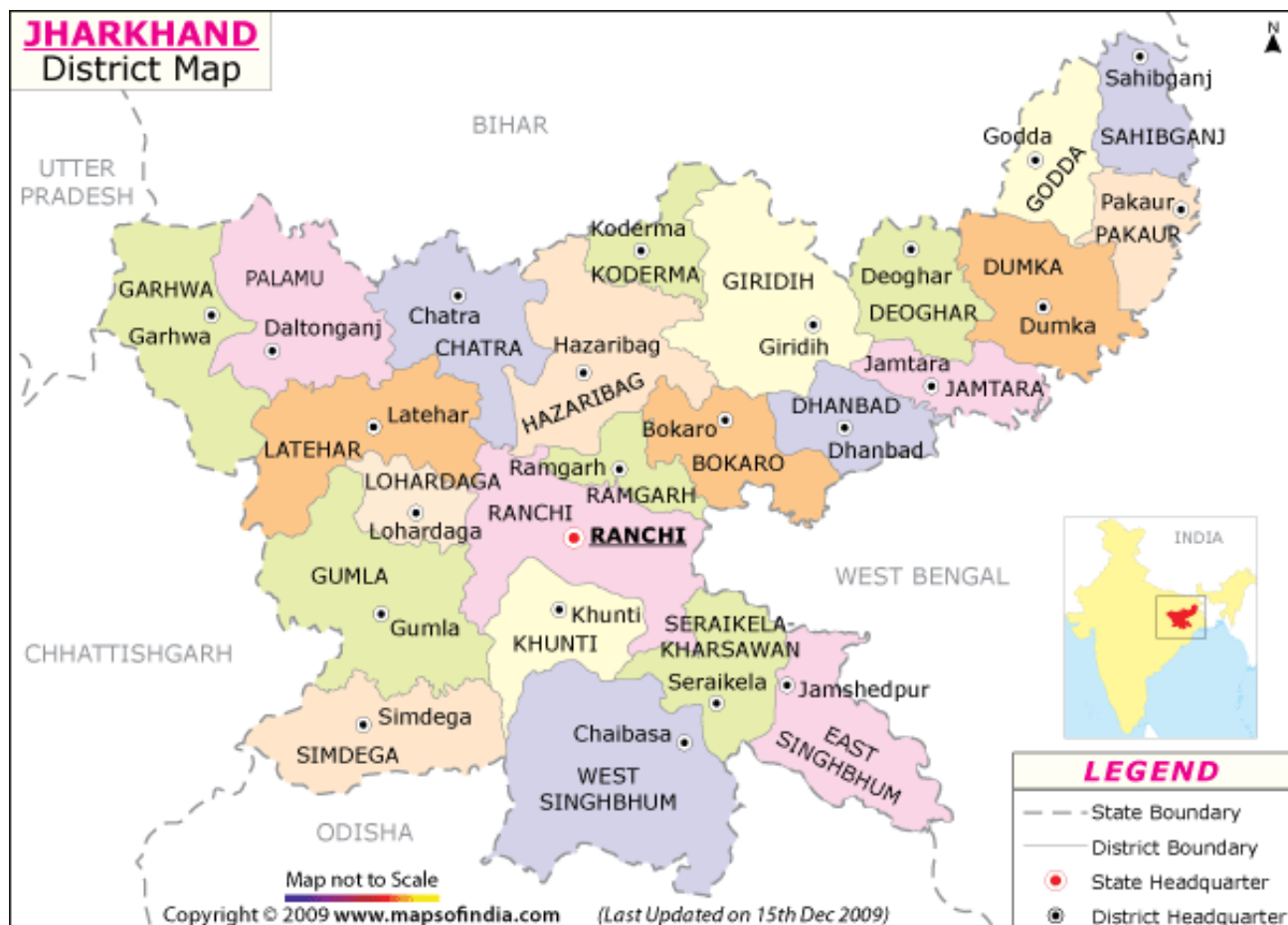
**Baidyanath Temple, Deoghar** - The temple of Baba Baidyanathdham is situated in a spacious courtyard bounded by stone walls. In the temple complex are 22 other temples. The Baidyanath temple faces east. The top of the original Shiva Lingam was slightly broken, keeping with the legend that it chipped away when Ravana tried to uproot it. The Lingam has since been rebuilt. Near the temple is the Shivaganga Lake. The Chandrakoopa well, near the main entrance is said to have been built and consecrated with water from several pilgrimages by Ravana.

**Maithan Dam, Dhanbad** - Maithon means 'Mother's Home'. This dam, 15,712 ft long and 165 ft high, is built over the Barakar River and has been designed for flood control. The Maithon reservoir lake, spread over an area of 65 sq.km, offers boating and fishing facilities to tourists. Maithon Dam has a unique underground power station which is the first of its kind in whole of South East Asia.

**Rajmahal, Sahebganj** - A historical city built by the Emperor Akbar way back in the 15th century. It was made the capital of Bengal in 1592 by Raja Maan Singh, Akbar's legendary general. Rajmahal stood witness to several battles and the accession of Shah Shuja, the second son of Emperor Shah Jahan. It was here that Dr. Gabriel Boughten cured Shah Shuja's daughter of an ailment and the British were quick to establish their trading empire in Bengal.



## 2.0 MAP OF JHARKHAND



### 3.0 INTRODUCTION

Ministry of Tourism compiles data on domestic and foreign tourist visits in the States/ UTs based on the information received from the States/ UTs Government. Such information at States/ UTs level is generally collected by State Tourism Departments on the basis of administrative records and returns. In many cases, the information supplied does not cover the same-day visitors, visitors staying with friends and relatives, etc. Doubts have been also expressed by experts about the reliability of the data on domestic and foreign tourist visits released every year.

A need was felt to prepare a standard methodology for estimation of number of visitors at district level which can be used by the State/ UT Governments. This methodology should enable the compilation of such data on monthly basis. The methodology should also help in preparation of estimates of number of visitors for some period after the base line survey, mainly based on the information to be collected from the accommodation units without resorting to regular large scale survey.

Keeping these requirements in view, Ministry of Tourism, Government of India, has engaged Market Pulse to conduct a “Tourism Survey in the State of Jharkhand” during 2009-10.

#### 4.0 OBJECTIVES OF THE SURVEY

The field survey in the State has been conducted for a period of 12 months in all districts of the State. The survey was used to obtain the following month-wise information for each district:

- a. Estimated number of visits
  - (i) Visits by overnight visitors
    - Staying at accommodation units;
    - Staying with friends and relatives
    - Others, such as those staying in tented accommodations provided by State Govt. or by any other charitable organizations, etc.
  - (ii) Visits by same-day visitors
- b. Profile of visitors, their expenditure pattern, purpose of visits, etc.
- c. Occupancy rates and direct employment in accommodation units.

#### 5.0 TERMS OF REFERENCE

The terms of reference and scope of the tourism survey are as follows:

- I. Formulate a methodology for preparation of month-wise and annual estimates of the following, separately for foreign and domestic visitors (with break-up of overnight tourists and same-day visitors), for the selected tourist places, at district level and State level:
  - (a) Total number of tourists (over-night)
  - (b) Total number of same-day visitors
  - (c) Total number of tourists staying with friends/ relatives
  - (d) Expenditure incurred by tourists (over-night)
  - (e) Expenditure incurred by same-day visitors
  - (f) Expenditure incurred by tourist staying with friends/ relatives

(g) Profiling the tourists/ visitors at districts and State level in respect of age, sex, occupation, purpose of visit, State/ UT of resident or country of nationality, duration of stay, mode of journey, use of package tour, etc.

- II. To prepare a suitable methodology for the parameters mentioned at S. No. (I) above, a comprehensive list of tourist places at district level in the State is to be prepared. The list has to be prepared by the consultants on their own and, if required, the State Government officials may be consulted.
- III. Formulate a methodology and prepare month-wise and annual estimates of the occupancy rate of accommodation units at district and State levels.
- IV. Conduct one-day workshop for the officers of the State to be surveyed and a few other States and organization. Total number of participants would be about 30. Details of the exercise and the proposed methodology to be adopted for estimating the number of tourists and other parameters mentioned in other paras of TOR will be explained by the consultant in the workshop. The methodology may have to be revised based on discussions in the workshop and inputs from Ministry of Tourism and other experts.
- V. Prepare a frame/ list of tourist place-wise of all accommodation units like hotels, dharamshalas, guest houses, etc. for conducting State level survey on tourism. Update this frame/ list on quarterly basis and accordingly revise the coverage. This frame should include information as mentioned on rooms, beds and employment, etc.
- VI. Based on the methodology finalized, collect, compile data about domestic and foreign tourists to provide information as mentioned at S. No. (II) above.
- VII. Based on the information on employment in the accommodation units in the sampling frame, estimate direct employment generated in accommodation units at district and State levels.

- VIII. Collect information on the annual expenditure incurred by the State Government at the selected tourist places, at district level and at the State level for development of tourism.
- IX. After the preparation of the draft final report, conduct a training workshop for the concerned officers of the State Governments at State Headquarters. The number of participants will be about 25.

## 6.0 SAMPLE SIZE

Activities	Planned Sample Size	Frequency
Census of Accommodation Units		Quarterly
Survey of Visitors at Tourist Destination	19,200 (800 X 24 districts)	Monthly
Survey of Tourists at Entry/ Exit Points	4,800 (200 X 24 districts)	Quarterly
Survey of Accommodation Units	<ul style="list-style-type: none"> <li>▪ All classified hotels will be surveyed.</li> <li>▪ 10% of the other accommodation units will be surveyed. The other accommodation units will be selected by using circular systematic sampling method.</li> </ul>	Monthly

## 7.0 PROPOSED PLAN FOR SURVEY

### 7.1 Survey Design

To meet the objectives, the following survey design was undertaken:

#### 7.1.1 Selection of Towns in Jharkhand

First towns, which are important from tourism perspective and towns, which cater to the accommodation needs of visitors to important tourist destinations located in the non-urban areas, were identified in each district in consultation with the State Tourism Department.

#### 7.1.2 Selection of Tourist Destinations in the Selected Towns in Jharkhand

All the tourist destinations in selected towns were covered in the survey. In case the number of tourist destinations in the selected town was large, only the important ones were covered in the survey. The tourist destinations were classified into ticket and non-ticketed destinations.

#### 7.1.3 Census of Accommodation Units in the Selected Towns in Jharkhand

This activity was carried out to build a comprehensive database of all accommodations including hotels, tourist lodges, dharamshalas, motels, Govt. / private companies, guest houses, etc. in the selected towns in Jharkhand.

**Methodology:** All the accommodation units (hotels, tourist lodges, dharamshalas, motels, Govt. / private companies, guest houses, etc.) in the selected towns were listed with the help of Municipal Corporations or other competent authorities. If a tourist destination not located in the town was linked to a non-urban tourist destination in terms of providing accommodation facilities to tourists visiting that destination, the list of additional accommodation units located near such tourist destinations was also included in the list of accommodation units of the town. A structured questionnaire was used to capture the information.

**Deliverables:** The following information was collected through the census of accommodation units:

- Name and type of accommodation units
- Year of establishment
- Information on ownership and registration
- Number and type of rooms available
- Number of beds available
- Room tariff
- Number of permanent and temporary employees on an overall basis and in different department of Management Team, F&B, housekeeping, etc.
- Number of employees working in different age group.
- Categorisation of the accommodation units in the following categories:
  - (i) Classified hotels
  - (ii) Other accommodation units-
    - a. Having more than 20 rooms
    - b. Having 10-20 rooms
    - c. Having less than 10 rooms
- Unit level data of the census

#### 7.1.4 Counting of Tourists at the Tourist Destinations

The objective of this activity was to count the number of visitors at the common ticketed and non-ticketed destination to know the number of domestic and foreign visitors. In case of ticketed destination, the data on the domestic and foreign visitors was available from the sales record of tickets

**Methodology:** Investigators were deployed at a destination to count the number of visitors, who were visiting the destination. In case of common ticketed destination, a counting exercise was carried out at different periods of time of the day and on different days of the week to count the number of domestic and foreign visitors. However, at a non-ticketed destination, the total number of visitors, during the day, along with its break-up into domestic and foreign visitors, was assessed by counting the number of such



visitors at specified time slot at entry point (s). If there were more than one entry points to the tourist destination, all were covered by pre-specified rotation, for counting the number and broad distribution.

If there is no specific entry point, investigators had to notionally designate appropriate points as entry points based on the flow of visitors to such a destination. A structured format was used for the counting.

#### 7.1.5 Survey of Visitors at Tourist Destination

The purpose of this survey at tourist destination was to obtain a brief profile of the visitors.

**Methodology:** Investigators were deployed at the tourist destination to survey the visitors to know their brief profile. A structured questionnaire was used to capture the information.

**Deliverables:** The following information was collected on a monthly basis through the survey of the visitors at tourist destination:

- Domestic or foreign tourist
- State and country of origin
- Type of tourist – Overnight visitor or same day visitor
- Place of stay, in case of overnight visitors – Hired accommodation or friends & relative or other free accommodation
- Gender of the visitor
- Unit level data of the survey

Note: Destinations, which attract large number of visitors during specific periods of the year, such as Kumbh Mela, Suraj Kund Mela, etc. were identified in advance, and the survey covered such specific periods.

**List of Festivals and Events**

A. Following is the list of festivals & events in Jharkhand:

S. No.	Festivals & Events	Months
1	Baba Baidyanath Festival at Deoghar	Aug – Sep, 2009
2	Rajrappa Dance Festival	September, 2009
3	Hazaribagh Festival	October, 2009
4	Jharkhand Festival at Ranchi	November, 2009
5	Tribal Festival at Netarhat	Nov – Dec, 2009
6	Sammed Shikar Festival at Parasnath	December, 2009
7	International Kite Festival at Giridhi	January, 2010
8	Hijla Festival at Dumka	January, 2010
9	Jamshedpur Festival	Jan – Feb, 2010

**Schedule for the Counting of Tourists and Survey of Visitors at Tourist Destination**

The survey was conducted during all the 12 months of the year at each selected destination. Information about important festivals, fairs, religious events at the selected tourist destinations was collected in advance for the 12-month period. In a particular month at a particular destination, survey was done during 2 weeks. In the first week, first 3 days of the week was covered, and in the second week last 4 days of the week was covered. For this purpose, first day of the month was considered as the first day of the week. The dates of survey at a tourist destination during the 12 months was as follows.

Month	Weeks	Days of weeks	Dates of the month
First	First and Third	1 <sup>st</sup> week: 1-3 days 3 <sup>rd</sup> week: 4-7 days	1,2,3,18,19,20,21
Second	Second and Fourth	2 <sup>nd</sup> week: 1-3 days 4 <sup>th</sup> week: 4-7 days	8,9,10, 25,26,27,28
Third	First and Fourth	1 <sup>st</sup> week: 1-3 days 4 <sup>th</sup> week: 4-7 days	1,2,3,25,26,27,28
Fourth	Second and Third	2 <sup>nd</sup> week: 1-3 days 3 <sup>rd</sup> week: 4-7 days	8,9,10,18,19,20,21
Fifth	First and Second	1 <sup>st</sup> week: 1-3 days 2 <sup>nd</sup> week: 4-7 days	1,2,3,11,12,13,14
Sixth	Third and Fourth	3 <sup>rd</sup> week: 1-3 days 4 <sup>th</sup> week: 4-7 days	15,16,17, 25,26,27,28
Seventh to Twelve	Above pattern will be repeated		

The date and week on which important tourism event was scheduled to take place at the selected tourist destination was covered. If the important tourist event at the selected tourist destination fell outside the selected week and dates, the nearest week/dates was substituted by the week/dates of the special event.

The monthly sample size of visitors at a selected tourist destination was distributed equally on the 7 days of the survey work (in 2 weeks) at the destination.

#### 7.1.6 Survey of Tourists at Entry/ Exit Points

To know the detailed profile of the tourists, survey at major exit/ entry points, such as bus stations, railway stations and airports, was carried out.

**Methodology:** Investigators were deployed at major exit/ entry points to survey the tourists. A structured questionnaire was used to capture the information.

**Deliverables:** The following information was collected on a quarterly basis through the survey of the tourists at exit/ entry points:

- Profile of tourists in terms of gender, age and marital status, Country/ State of residence, mode of travel, whether accompanied, occupation, educational qualification, annual house household income etc.
- Frequency of travel, purpose of visit, package tour availed etc.
- Type(s) of accommodation availed (hotels, motels, guesthouses, camping sites, etc.)
- Type(s) of restaurants visited (fast-food, cafeteria, food kiosk, refreshment stands & bars)
- Satisfaction level of the tourists, other places visited, source of information about tourist destinations with their experience etc.
- Expenditure on accommodation, food & drink, transport, shopping, recreation & leisure and others

**Entry/ Exit Points in the selected towns:** Following Entry/ Exit points were covered during the survey.

S. No.	Towns	Entry/ Exit Points	Exit Interview Sample
1	Ranchi	Airport, Railway Station & Bus Stand	200
2	Khunti	Bus Stand	200
3	Deoghar	Railway Station & Bus Stand	200
4	Jamshedpur	Airport, Railway Station & Bus Stand	200
5	Chaibasa	Railway Station & Bus Stand	200
6	Chatra	Bus Stand	200
7	Koderma	Bus Stand	200
8	Hazaribagh	Bus Stand	200
9	Ramgarh	Railway Station & Bus Stand	200
10	Giridih	Railway Station & Bus Stand	200
11	Gumla	Bus Stand	200
12	Pakur	Railway Station & Bus Stand	200
13	Dhanbad	Railway Station & Bus Stand	200
14	Dumka	Bus Stand	200
15	Latehar	Bus Stand	200
16	Garhwa	Railway Station & Bus Stand	200
17	Sahebganj	Railway Station & Bus Stand	200
18	Godda	Bus Stand	200
19	Palamu	Railway Station & Bus Stand	200
20	Saraikela	Bus Stand	200
21	Simdega	Bus Stand	200
22	Lohardaga	Railway Station & Bus Stand	200
23	Jamtara	Railway Station & Bus Stand	200
24	Bokaro	Railway Station & Bus Stand	200

### 7.1.7 Survey of Accommodation Units

The purpose of this activity was to collect the information from the accommodation units about the checked-in guests and employment details.

**Methodology:** Investigators collected the information from the accommodation units on a monthly basis. This information was collected every month for the preceding month. All classified hotels were surveyed and the 10% of the other accommodation units were surveyed. The other accommodation units were selected by using circular systematic sampling method. A structured questionnaire was used to capture the information.

**Deliverables:** The following information was collected on a monthly basis through the survey of the accommodation units:

- Number of permanent and temporary employees on an overall basis and in different department of Management Team, F&B, housekeeping, etc.
- Information on number of guests' checked-in, number of bed nights spent, whether domestic or foreign tourists.
- Residency status of the tourists – State-wise and country-wise

### 7.1.8 Collection of Annual Expenditure Information

**Methodology:** Primary feedback was obtained from the sample of tourists on expenditure incurred on different parameters, before and during the visit.

**Deliverables:** The survey provided the following information:

- Expenditure on a packaged tour and otherwise
- Expenditure before and during the visit, on parameters such as travel, boarding and lodging, etc.

**8.0 SELECTED TOURIST DESTINATIONS**

The following destinations have been selected in consultation with the concerned officers of Department of Tourism, Jharkhand.

S. No	District	Town	Destination
1	Bokaro	Chas	Tenughat Dam
		Bokaro	Bokaro (Jagannath Temple)
2	Chatra	Chatra	Balbal Dwari Fall
		Chatra	Maa Bhadrakali Mandir
3	Deoghar	Deoghar	Baidyanath Temple
		Deoghar	Nandan Hill
		Deoghar	Shilpgram
		Deoghar	Rope-way at Trikut Mountain
		Jasidih	Rikhia Dham
4	Dhanbad	Dhanbad	Maithan Dam
		Dhanbad	Topchanchi Lake
5	Dumka	Dumka	Basukinath Temple
		Dumka	Tantloi Hot Spring
		Dumka	Masanjar Dam
6	East Singhbhum (Jamshedpur)	Jamshedpur	Jubilee Park Jamshedpur
		Jhamshepur	Rankini Devi Temple
		Burudih	Burudih Dam
		Ghatshela	Dimna Lake
7	Garhwa	Garhwa	Bansidhar Mandir, Nagar Untari
		Garhwa	Statue of Goddess Kottam
8	Giridih	Giridih	Madhuan / Parasnath Temple
		Giridih	Harihar Dham

9	Godda	Godda	Yogini Asthal
10	Gumla	Gumla	Tangi Nath (Shiv Temple)
		Gumla	Anjan Dham
11	Hazaribagh	Hazaribagh	National Park
		Hazaribagh	Surajkund, Barkattha
12	Jamtara	Jamtara	Pravat Vihar,Jamtara
13	Khunti	Khunti	Punch Ghagh Water Fall
		Khunti	Amreshwar Dam
14	Kodarma	Kodarma	Telaiya Dam
		Kodarma	Urwan Tourist Spot
15	Latehar	Netarhat	Magnolia Sunset Point,Netarhat
		Netarhat	Netarhat Sunrise Point
		Latehar	Lodh Water Fall
16	Lohardagga	Lohardagga	Uru Ghagh
17	Pakur	Pakur	Martello Tower (Historical Place)
		Pakur	Prakriti Vihar
		Pakur	Kunjvoana (Historical Place)
18	Palamau	Palamau	Fort of Shahpur
		Daltonganj	Chero Fort
		Medininagar	Betla Tourist Spot/ Tiger Reserve Forest
19	Ramgarh	Ramgarh	Chhinmastika Temple, Rajrappa
20	Ranchi	Ranchi	Deori Temple,Tammar
		Ranchi	Jaganath Temple, Ranchi
		Ranchi	Birsa Biological Park,Ormanjhi
		Ranchi	Dasam Water Fall
		Ranchi	Hundru Water Fall
21	Sahebganj	Sahebganj	Shivgadi Dham



		Sahebganj	Raj mahal
		Sahebganj	Kanhaiya Dham
		Sahebganj	Udhwa Bird sanctuary
22	Saraikela-Kharsawan	Chandil	Chandhil Dam
		Saraikela	Jayda Mandir
		Saraikela	Kali Mandir
23	Simdega	Simdega	Dangaddi Water Fall
		Simdega	Kela Ghagh
24	West Singbhum (Chaibasa)	Chaibasa	Hirni Water Fall
		Chaibasa	Tholkobad
		Chakradharpur	Murga Mahadev

## 9.0 TOURISM SURVEY FINDINGS

### 9.1.1 Tourist Traffic Trend

The combined estimates of visits by domestic & foreign leisure visitors, both overnight and day visitors are shown in Table – 1 below. The monthly estimates of visits in the State have been derived by aggregating the district wise estimates which had been made from enumeration and short survey data.

**Table – 1.1: Total number of visits to Tourist Destinations**

Month	No. of visits by Domestic Tourists / Same Day Visitors			No of visits by Foreign Tourists / Same Day Visitor		
	Overnight Tourists	Same Day Visitors	Total	Overnight Tourists	Same Day Visitors	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July'09	936770	752899	1689669	549	0	549
August'09	141605	248803	390408	1159	0	1159
September'09	140213	339886	480099	283	0	283
October'09	71552	184225	255777	0	0	0
November'09	64447	216969	281416	831	0	831
December'09	122840	287195	410035	8781	0	8781
January'10	530114	1337545	1867659	168	473	641
February'10	472511	1426253	1898764	173	456	629
March'10	136329	678448	814777	901	0	901
April'10	136796	623368	760164	645	0	645
May'10	172248	653672	825920	497	0	497
June'10	172285	572109	744394	641	0	641
<b>Total</b>	<b>3097710</b>	<b>7321372</b>	<b>10419082</b>	<b>14628</b>	<b>929</b>	<b>15557</b>

A total of 104.19 lakh visits by domestic tourists and same day visitors were made in Jharkhand at the 59 important tourist destinations identified by the State Tourism Department. In addition, foreign tourists and same day visitors made a total of 15,557 visits at these destinations. Total number of visits peaked in the period January – February. Visits by foreign tourists also registered a peak in December but declined thereafter.

The overnight leisure visitors make visits to multiple destinations. The following table indicates the average number of visits made by the overnight leisure visitor. This had been computed on the basis of feedback obtained from the sample of visitors during the quarterly exit/ entry point survey. Hence, they have been assumed to be the same for the quarter.

**Table – 1.2 : Average number of places visited per leisure overnight visitor**

Month	Average Number of places visited
July'09	1.73
August'09	1.73
September'09	1.73
October'09	1.11
November'09	1.11
December'09	1.11
January'10	1.96
February'10	1.96
March'10	1.96
April'10	1.59
May'10	1.59
June'10	1.59
<b>Overall</b>	<b>1.60</b>

The average number of places visited by leisure tourists was 1.60 for the year, with peak in January – March quarter.

**Table – 1.3 : Average number of places visited per leisure visitor : District Wise**

Districts	Average Number of places visited
Bokaro	1.56
West Singhbhum	1.86
Chatra	1.73
Dumka	1.15
Deoghar	1.72
Dhanbad	1.62
Garhwa	1.52
Giridih	1.71
Godda	1.48
Gumla	1.22
Hazaribagh	1.66
East Singhbhum	1.61
Jamtara	1.68
Khunti	1.65
Koderma	1.78
Latehar	1.66
Lohardaga	1.78
Palamau	1.89
Pakur	1.76
Ramgarh	1.82
Ranchi	1.31
Sahibganj	1.25
Saraikela- Kharsowa	1.18
Simdega	1.45
<b>Total</b>	<b>1.60</b>

Districts such as Ramgarh, Palamau, Lohardaga, Koderma, West Singhbhum and Chatra registered higher average number of places visited by the leisure tourists.

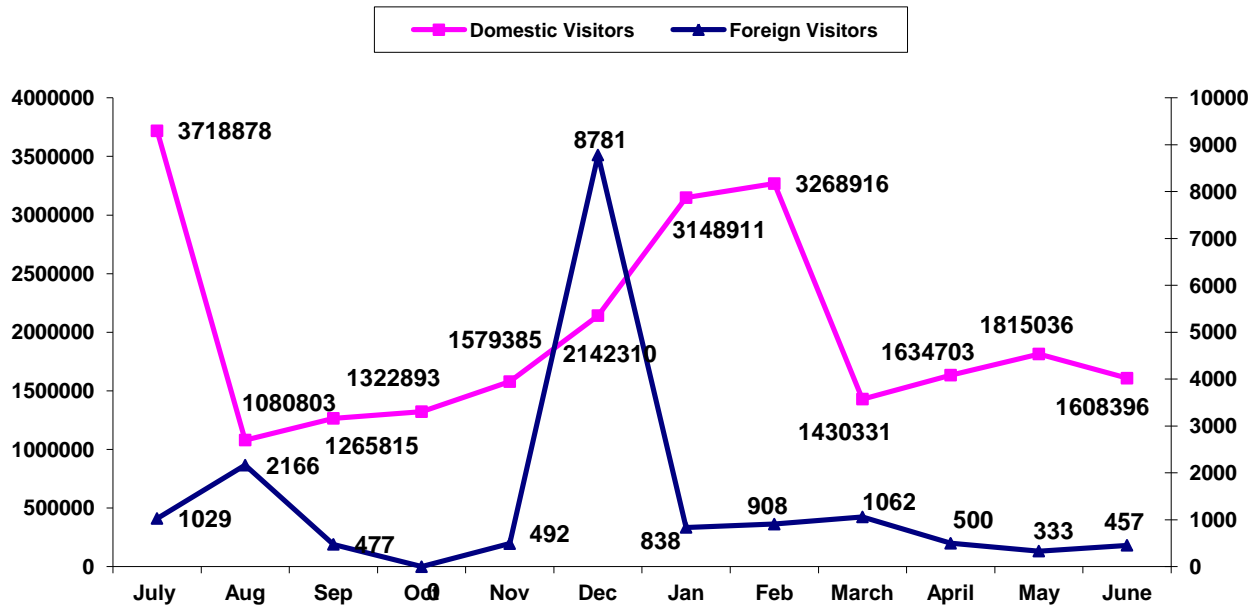
A visitor could have visited more than one destination in a district and to avoid double counting, the number of visits was divided by average number of destinations visited by a visitor to arrive at the number of visitors as distinct from number of visits. The results are presented in Table – 2 below.

**Table – 2: Total number of Domestic and Foreign Tourists / Same Day Visitors**

Month	No. Domestic Tourists / Visitor			No of Foreign Tourists / Visitor		
	Overnight Tourists	Same Day Visitors	Total	Overnight Tourists	Same Day Visitors	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July'09	2617424	1101454	3718878	909	120	1029
August'09	627730	453073	1080803	2166	0	2166
September'09	704623	561192	1265815	477	0	477
October'09	345236	977657	1322893	0	0	0
November'09	376522	1202863	1579385	492	0	492
December'09	610367	1531943	2142310	8781	0	8781
January'10	1644910	1504001	3148911	503	335	838
February'10	1644763	1624153	3268916	554	354	908
March'10	767873	662458	1430331	1062	0	1062
April'10	412547	1222156	1634703	500	0	500
May'10	483349	1331687	1815036	333	0	333
June'10	438826	1169570	1608396	457	0	457
<b>Total</b>	<b>10674170</b>	<b>13342207</b>	<b>24016377</b>	<b>16234</b>	<b>809</b>	<b>17043</b>

Total number of domestic tourists and same visitors were estimated at 240.16 lakhs; same day visitors constituted 56% of the domestic tourists. Foreign tourists and same day visitors numbered 17,043; 95% of them were overnight tourists.

**Chart 1 Total number of Domestic & Foreign Visitors**



The domestic tourists peaked in January – February while the foreign tourists registered a peak in December.

### 9.1.2 Composition of Tourists & Same Day Visitors

The proportions of leisure and non-leisure tourists for both the overnight and same day categories were derived from the entry/ exit point surveys every quarter and for each district. These have then been aggregated across all the districts.

**Table – 3**  
**Total Number of Leisure and Non-Leisure Domestic Tourists and Same Day Visitors**

State:	No. of Overnight Tourists			No. of Same Day Visitors		
Month	Leisure	Non Leisure	Total (col.2+3)	Leisure	Non Leisure	Total (col.5+6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July'09	423308	2194116	2617424	347463	753991	1101454
August'09	68877	558853	627730	125972	327101	453073
September'09	64389	640234	704623	162563	398629	561192
October'09	38767	306469	345236	174443	803214	977657
November'09	40917	335605	376522	202321	1000542	1202863
December'09	86656	523711	610367	273677	1258266	1531943
January'10	339606	1305304	1644910	961948	542053	1504001
February'10	306499	1338264	1644763	1050779	573374	1624153
March'10	81815	686058	767873	429614	232844	662458
April'10	114905	297642	412547	329615	892541	1222156
May'10	142666	340683	483349	348324	983363	1331687
June'10	139904	298922	438826	303085	866485	1169570
<b>Total</b>	<b>1848309</b>	<b>8825861</b>	<b>10674170</b>	<b>4709804</b>	<b>8632403</b>	<b>13342207</b>

Among the overnight domestic tourists, non-leisure tourists made up almost 83%. By contrast, leisure visitors made up 35% of the same day domestic visitors.

Almost 78% of the foreign tourists were leisure tourists. The foreign same day visitors were more uniformly split between leisure and non-leisure visitors.

**Table – 4: Total Number of Leisure and Non-Leisure Foreign Tourists and Day Visitors**

State:	No. of Overnight Tourists			No. of Same Day Visitors		
Month	Leisure	Non Leisure	Total (col.2+3)	Leisure	Non Leisure	Total (col.5+6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July'09	549	360	909	0	120	120
August'09	1032	1134	2166	0	0	0
September'09	245	232	477	0	0	0
October'09	0	0	0	0	0	0
November'09	492	0	492	0	0	0
December'09	8781	0	8781	0	0	0
January'10	91	412	503	237	98	335
February'10	96	458	554	229	125	354
March'10	439	623	1062	0	0	0
April'10	398	102	500	0	0	0
May'10	249	84	333	0	0	0
June'10	351	106	457	0	0	0
<b>Total</b>	<b>12723</b>	<b>3511</b>	<b>16234</b>	<b>466</b>	<b>343</b>	<b>809</b>



The total estimated number of domestic and foreign overnight and day visitors has been derived from the above tables and results are presented in Table – 5 below.

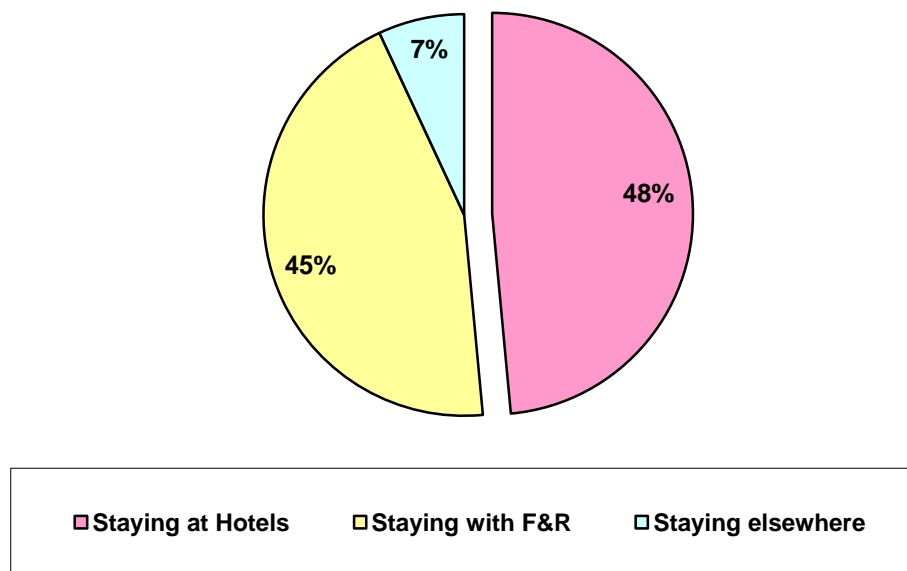
**Table – 5: Total Number of Domestic and Foreign Tourists and Day Visitors**

Month	No. of Tourists			No. of Day Visitors		
	Domestic	Foreign	Total (col.2+3)	Domestic	Foreign	Total (col.5+6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July'09	2617424	909	2618333	1101454	120	1101574
August'09	627730	2166	629896	453073	0	453073
September'09	704623	477	705100	561192	0	561192
October'09	345236	0	345236	977657	0	977657
November'09	376522	492	377014	1202863	0	1202863
December'09	610367	8781	619148	1531943	0	1531943
January'10	1644910	503	1645413	1504001	335	1504336
February'10	1644763	554	1645317	1624153	354	1624507
March'10	767873	1062	768935	662458	0	662458
April'10	412547	500	413047	1222156	0	1222156
May'10	483349	333	483682	1331687	0	1331687
June'10	438826	457	439283	1169570	0	1169570
<b>Total</b>	<b>10674170</b>	<b>16234</b>	<b>10690404</b>	<b>13342207</b>	<b>809</b>	<b>13343016</b>

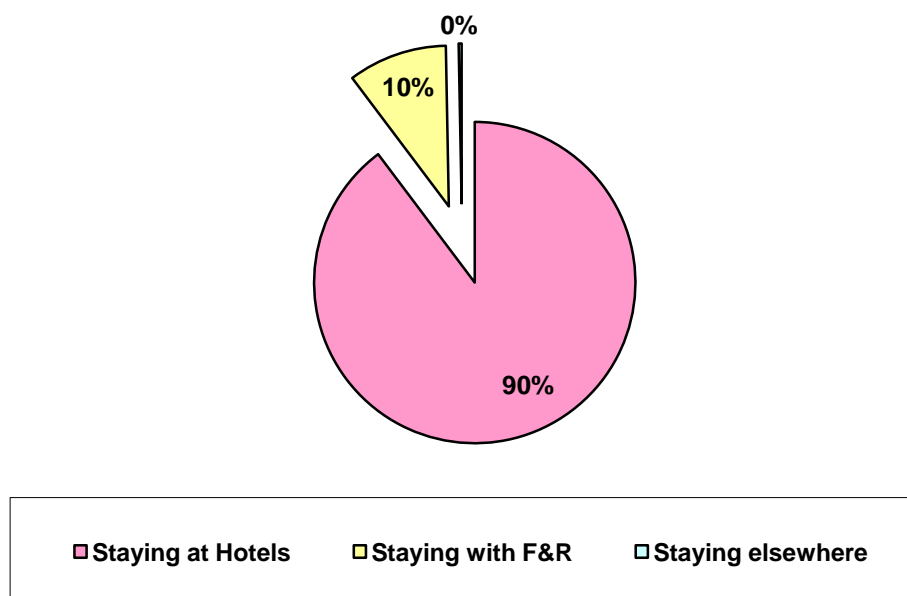
### 9.1.3 Preferred Place of Stay

Almost 45% of the domestic tourists stayed with friends and relatives while 48% stayed at hotels. On the other hand, 90% of the foreign tourists stayed at hotels.

**Chart 2 Distribution of Domestic Tourists by Place of Stay**



**Chart 3 Distribution of Foreign Tourists by Place of Stay**



The estimates of domestic and foreign overnight visitors by place of stay have been derived by applying the short survey and exit survey ratios of visitors staying at AUs, with friends & relatives and elsewhere. The district level estimates for each month have been aggregated to arrive at the State level estimate. The distribution of domestic and foreign overnight visitors by place of stay is shown in the Table – 6 below.

**Table – 6**  
**Distribution of Domestic and Foreign Tourists by place of Stay**

Month	No. Domestic Tourists				No of Foreign Tourists			
	Staying at Hotels	Staying with F&R	Staying elsewhere	Total (col.2+3+4)	Staying at Hotels	Staying with F&R	Staying elsewhere	Total (col.6+7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
July'09	1204015	1361060	52348	2617424	909	0	0	909
August'09	338974	276201	12555	627730	2103	23	40	2166
September'09	423992	271669	8962	704623	441	25	11	477
October'09	172612	133475	39149	345236	0	0	0	0
November'09	177079	155438	44005	376522	339	153	0	492
December'09	306925	203363	100079	610367	8781	0	0	8781
January'10	756659	789557	98695	1644910	452	51	0	503
February'10	723696	822382	98686	1644763	512	42	0	554
March'10	348931	380255	38687	767873	696	366	0	1062
April'10	224006	175168	13373	412547	195	305	0	500
May'10	262053	204395	16901	483349	27	306	0	333
June'10	249450	175568	13808	438826	209	248	0	457
<b>Total</b>	<b>5188392</b>	<b>4948531</b>	<b>537247</b>	<b>10674170</b>	<b>14664</b>	<b>1519</b>	<b>51</b>	<b>16234</b>

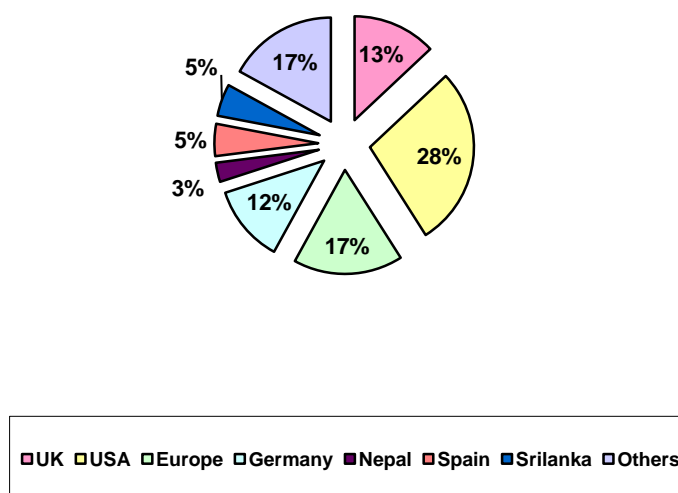
Hotel guests peaked in January – February. Foreign tourists staying at hotels was highest in December; this was followed by another peak in August.

#### 9.1.4 Place of Origin

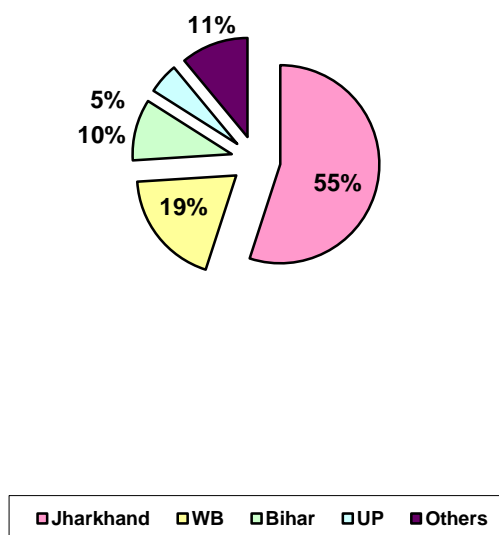
The largest proportion of foreign tourists came from USA, followed by UK, Europe & Germany. Tourists from these countries made up 75% of the total foreign tourists.

The highest proportion of domestic tourists were from Jharkhand, West Bengal and then Bihar. Tourists from these states made up 85% of the domestic tourists.

**Chart 4 Distribution of Foreign Tourists by Place of Origin**



**Chart 5 Distribution of Domestic Tourists by Place of Origin**



During the survey, information on foreign visitors coming from different countries to the destinations in Jharkhand was collected. Applying the ratios of such visitors in the sample of foreign visitors to the total number of foreign visitors to the destination, estimates of the flow of visitors by country of origin have been made district wise and month wise. The district wise and month wise estimates have thereafter been combined to arrive at the estimates at State level. The results are given in Table – 7 below

**Table – 7**  
**Country wise Total Number of Foreign Tourists & Same Day Visitors**

County of Origin	Number of Foreign Tourists	Number of Foreign Same Day Visitors
	(1)	(2)
UK	2063	--
USA	4574	208
Canada	269	69
Germany	1973	300
Europe	2691	--
Australia	1076	--
Sri Lanka	807	--
France	179	--
Japan	359	--
Malaysia	269	--
Nepal	538	139
Bangladesh	90	23
Spain	807	--
Switzerland	179	--
Egypt	90	23
Others	269	46
<b>Total</b>	<b>16234</b>	<b>809</b>

During the survey, information on domestic visitors coming from same State and other States was collected. Applying the ratios of such visitors in the sample of domestic visitors to eligible domestic visitors to the destinations, estimates of the flow of visitors from these sources have been made district wise and month wise. The district wise and month wise data have been aggregated to derive the estimates at State level. The results are given in Table – 8 below.

**Table – 8.1**  
**Estimated Number of Domestic Tourists / Same Day Visitors visited from different states**

State	Overnight Visitors		Domestic Day Visitors	
	Absolute Number	Percentage	Absolute Number	Percentage
(1)	(2)		(3)	
J & K	10674	0.1	885743	6.6
Punjab	10674	0.1	211158	1.6
Haryana	96068	0.9	20555	0.2
Uttranchal	341573	3.2	784836	5.9
UP	480338	4.5	209290	1.6
Delhi	42697	0.4	78484	0.6
Manipur	10674	0.1	18687	0.1
Tripura	160113	1.5	371863	2.8
Meghalaya	42697	0.4	74746	0.6
Mizoram	32023	0.3	93433	0.7
Sikkim	2135	0.02	5606	0.0
West Bengal	2070789	19.4	5088351	38.1
Orissa	85393	0.8	28030	0.2
Rajasthan	106742	1	42979	0.3
Gujarat	10674	0.1	18687	0.1
Maharashtra	32023	0.3	24293	0.2
MP	149438	1.4	22424	0.2
Chhattisgarh	42697	0.4	3737	0.0
Bihar	1003372	9.4	312066	2.3
Jharkhand	5860119	54.9	5024817	37.7

**Table – 8.1 (cont'd)**  
**Estimated Number of Domestic Tourists / Same Day Visitors visited from different states**

AP	32023	0.3	7475	0.1
Karnataka	21348	0.2	5606	0.0
Kerala	3202	0.03	0	--
Tamil Nadu	10674	0.1	0	--
Assam	2135	0.02	5606	0.0
Goa	3202	0.03	0	--
Chandigarh	10674	0.1	3737	0.0
<b>Total</b>	<b>10674170</b>	<b>100</b>	<b>13342207</b>	<b>100%</b>

**Table – 8.2**  
**Percentage of Domestic Visitors visited from same district**

District:	Overnight Visitors		Domestic Day Visitors	
	Absolute Number	Percentage	Absolute Number	Percentage
(1)	(2)		(3)	
Bokaro	215137	3.7	355338	3.9
Chatra	217898	3.8	121189	1.3
Deoghar	929232	16.1	2679199	29.5
Dhanbad	331008	5.7	592810	6.5
Dumka	587666	10.2	267134	2.9
East Singhbhum	229446	4.0	151897	1.7
Garhwa	174884	3.0	326633	3.6
Giridih	248071	4.3	322970	3.6
Godda	44808	0.8	264312	2.9
Gumla	310706	5.4	153387	1.7
Hazaribagh	268339	4.7	352116	3.9
Jamtara	53107	0.9	109775	1.2
Khunti	65328	1.1	217957	2.4
Koderma	58875	1.0	217548	2.4
latehar	224805	3.9	270645	3.0
Lohardagga	51786	0.9	31400	0.3
Pakur	77650	1.3	171475	1.9
Palmau	101091	1.8	38230	0.4
Ramgarh	643924	11.2	1189840	13.1
Ranchi	341333	5.9	417326	4.6
Sahibganj	124321	2.2	423243	4.7
Saraikela	276367	4.8	204313	2.3
Simdega	104564	1.8	75936	0.8
West Singhbhum	83706	1.5	118030	1.3
<b>Total</b>	<b>5764052</b>	<b>100%</b>	<b>9072701</b>	<b>100%</b>



**Table – 8.3**  
**Percentage of Domestic Visitors visited from same state but outside district**

District:	Overnight Visitors		Domestic Day Visitors	
	Absolute Number	Percentage	Absolute Number	Percentage
(1)	(2)		(3)	
Bokaro	37001	1.65	47211	1.97
Chatra	118869	5.30	31168	1.30
Deoghar	654363	29.19	744336	30.99
Dhanbad	83460	3.72	39626	1.65
Dumka	210556	9.39	794708	33.09
East Singhbhum	36995	1.65	8672	0.36
Garhwa	220487	9.84	73943	3.08
Giridih	25244	1.13	12557	0.52
Godda	18525	0.83	144735	6.03
Gumla	44269	1.97	10104	0.42
Hazaribagh	40460	1.80	41727	1.74
Jamtara	4448	0.20	5212	0.22
Khunti	9895	0.44	10104	0.42
Koderma	24592	1.10	42859	1.78
latehar	50709	2.26	34029	1.42
Lohardagga	4834	0.22	2455	0.10
Pakur	47497	2.12	22119	0.92
Palmau	47782	2.13	18499	0.77
Ramgarh	70723	3.16	83045	3.46
Ranchi	344242	15.36	87347	3.64
Sahibganj	6375	0.28	58657	2.44
Saraikela	12543	0.56	25936	1.08
Simdega	100246	4.47	7254	0.30
West Singhbhum	27460	1.23	55295	2.30
<b>Total</b>	<b>2241576</b>	<b>100%</b>	<b>2401597</b>	<b>100%</b>

## 9.2 Occupancy in Accommodation Units

A complete census of the accommodation units was done for collecting data on parameters such as number rooms, number of beds, and number of guests per district and per month and occupancy rate per month/day. The district wise and month wise data was aggregated to arrive at State level data. This was updated every quarter. The details are given in Tables – 9 below.

**Table 9**  
**No. of accommodation units, Rooms / Beds Available and Occupancy Rate**

State:	No. of Accommodation units	No. of Rooms Available	No. of Beds Available	No. of Beds Occupied	Occupancy Rate (%) (Col5 as % of Col4)
Months					
(1)	(2)	(3)	(4)	(5)	(6)
July'09	608	10,390	20528	5218	25
August'09	608	10,390	20,528	5881	29
September'09	608	10,390	20,528	5014	24
October'09	608	10,390	20528	3642	18
November'09	608	10,390	20,528	2862	14
December'09	608	10,390	20,528	3306	16
January'10	618	10,582	20,852	4501	22
February'10	618	10,582	20,852	4122	20
March'10	618	10,582	20,852	4847	23
April'10	618	10,582	20,852	7154	34
May'10	618	10,582	20,852	4847	23
June'10	618	10,582	20,852	5199	25
<b>Total</b>		<b>125,832</b>	<b>248,280</b>	<b>56594</b>	<b>23</b>

A total of 10 accommodation units were added during the year; there were 618 accommodation units in June 2010 with 10,582 rooms and 20,852 beds. On the basis of beds, the average occupancy rate was 23% with the peak registered in April.

Table – 10 gives the month wise breakup of number of guests who checked in the AUs, number of bed nights spent and average duration of stay.

**Table - 10**  
**Total Number of Guests checked-in, bed nights spent & average stay duration at Accommodation Units**

State:	No. of Guests checked-in			No. of bed nights spent			Average duration of Stay		
Month	Indians	Foreigners	Total (col.2+3)	Indians	Foreigners	Total (col.5+6)	Indians (Col.5/Col.2)	Foreigners (Col.6/Col.3)	Total (Col.7/Col.4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
July'09	148,122	442	148,564	156,055	494	156,548	1.05	1.12	1.05
August'09	165,591	4,360	169,951	171,929	4,503	176,432	1.04	1.03	1.04
Sept'09	138047	1089	139136	149320	1107	150427	1.08	1.02	1.08
October'09	106837	241	107078	109030	241	109271	1.02	1.00	1.02
Novr'09	85538	176	85714	85649	210	85859	1.00	1.19	1.00
Decr'09	89557	384	89941	98523	670	99193	1.10	1.74	1.10
January'10	113428	287	113715	134466	551	135017	1.19	1.92	1.19
February'10	107083	300	107384	122964	694	123658	1.15	2.31	1.15
March'10	137403	297	137700	144843	561	145404	1.10	1.90	1.10
April'10	199348	574	199922	213790	839	214629	1.10	1.50	1.10
May'10	137403	297	137700	144843	561	145404	1.10	1.90	1.10
June'10	149169	1486	150655	154227	1750	155977	1.00	1.20	1.00
<b>Total</b>	<b>1577526</b>	<b>9933</b>	<b>1587460</b>	<b>1685639</b>	<b>12181</b>	<b>1697819</b>	<b>1.07</b>	<b>1.23</b>	<b>1.07</b>

Almost 15.87 lakh tourists stayed at accommodation units in Jharkhand during the year. Domestic tourists made up 99% of the guests as per the data revealed by the accommodation units. The average duration of stay was 1.07 days.

### 9.3 Profile of Accommodation Units (AUs)

The district wise census of accommodation units was conducted quarterly. The district wise and quarter wise data of accommodation units was aggregated to arrive at State level data.. Tables – 11-16 give the details of the types of accommodation units, categorization of non-classified accommodation units in terms of rooms, number of rooms, beds and employees.

**Table – 11: Number of Accommodation units, Rooms, Beds and Employment**

State:	No. of AUs	No. of Rooms	No. of Beds	% of Employees		
Quarter				Temporary	Permanent	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Quarter – 1	608	10,390	20,528	43	57	4,697
Quarter – 2	608	10,390	20,528	43	57	4,697
Quarter – 3	618	10,582	20,852	43.2	56.8	4761
Quarter – 4	618	10,582	20,852	43.2	56.8	4761

**Table – 12: Distribution of Employees in Accommodation Units by Age Group**

State:	No. of AUs	No. of Employees	Distribution of employees by age-group (%)				
Quarter			18-25 yrs	26-30 yrs	31-40 yrs	41-50 yrs	> 51 yrs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Quarter – 1	608	4697	26.7	30.4	26.5	12.2	4.2
Quarter – 2	608	4697	26.7	30.4	26.5	12.2	4.2
Quarter – 3	618	4761	26.6	30.4	26.5	12.3	4.2
Quarter – 4	618	4761	26.6	30.4	26.5	12.3	4.2

On an average, there were 45 employees for every 100 rooms. The accommodation units reported large number of temporary employees. A majority of the employees were less than 30 years of age. Almost 31% were employed in F&B with another 35% in miscellaneous functions.

Table – 13: Distribution of Employees in Accommodation Units by Service

State:	No. of AUs	No. of Employees	Distribution of employees by service (%)			
Quarter			Management	F&B	House Keeping	Others
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Quarter – 1	608	4697	17.4	30.6	16.9	35.0
Quarter – 2	608	4697	17.4	30.6	16.9	35.0
Quarter – 3	618	4761	17.4	30.6	16.9	35.0
Quarter – 4	618	4761	17.4	30.6	16.9	35.0

Of the 618 accommodation units identified, only 7 classified hotels disclosed information in this survey. Almost 46% of the non-classified accommodation units had 10 – 20 rooms.

Table – 14: Category-wise Distribution Accommodation Units

State:	No. of Accommodation units					
Quarter	Classified	Non-classified				Total
		Having more than 20 rooms	10-20 rooms	Less than 10 rooms	Sub-Total (Col. 3+4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Quarter – 1	7	166	278	157	601	608
Quarter – 2	7	166	278	157	601	608
Quarter – 3	7	170	281	160	611	618
Quarter – 4	7	170	281	160	611	618

Table – 15: Distribution Accommodation Units by Types

State:	No. of Accommodation units								
Quarter	Star Hotels	Apartment Hotels	Non-Star Hotels	Youth/ YMCA Hostels	Dharamshalas/ Sarais/ Musafirghanas	Gurudwaras/ Temples/ Monastries	Bed & Breakfast Units	Motels	Total
Quarter – 1	7	-	394		80				474
Quarter – 2	7	-	394		80				474
Quarter – 3	7	-	403	-	81	-	-	-	484
Quarter – 4	7	-	403	-	81	-	-	-	484

**Table – 16: Distribution Accommodation Units by Type of Ownership**

State:	No. of Accommodation units								
Quarter	Central Govt.	State Govt.	Pvt. Ltd.	Prop./ Partnership	Public Limited	PSU	Charitable Trust/ Society	Others	Total
Quarter – 1	10	29	147	372	1	4	41	4	608
Quarter – 2	10	29	147	372	1	4	41	4	608
Quarter – 3	10	29	149	377	1	4	41	7	618
Quarter – 4	10	29	149	377	1	4	41	7	618

### 9.4 Tourists' Demographic Profile

The demographic profile of the sample of visitors was obtained from the exit/ entry point survey every quarter. The statistics for the domestic overnight & day visitors in addition to the foreign overnight visitors has been computed from the same and presented in the table nos. 17 - 23. The sample of foreign day visitors was small and hence, has not been presented here.

**Table – 17**  
**Age Distribution of Sample Visitors in Jharkhand**

Age Group	%age of Domestic Overnight Visitors		%age of Domestic Day Visitors		%age of Foreign Overnight Visitors	
	Male	Female	Male	Female	Male	Female
(1)	(2)	(3)	(5)	(6)	(8)	(9)
0 – 14 Years	0.2	0.1	0.3	0.1	-	-
15 – 24 Years	27.9	28.1	25.4	24.9	25.8	35.0
25 – 34 Years	38.2	37.8	40.2	40.9	43.8	32.5
35 – 44 Years	23.9	22.1	25.6	22.9	23.6	17.5
45 – 60 Years	9.1	11.3	7.7	10.6	6.7	12.5
>60 Years	0.7	0.6	0.9	0.6	-	2.5
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

The women visiting Jharkhand were slightly older than the men; more than 11.9% were more than 45 years old. On an average, the male day visitors were younger. There were significantly more men than women among all segments of visitors.

**Table – 18**  
**Sex Distribution of Sample Visitors in Jharkhand**

Gender	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age of Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Male	76	75	69	76
Female	24	25	31	24
<b>Total</b>	<b>100% (10807)</b>	<b>100% (7683)</b>	<b>100% (128)</b>	<b>100% (485)</b>

**Table – 19**  
**Marital Status of Sample Visitors in Jharkhand**

Marital Status	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age of Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Married	73	75	71	67
Unmarried	27	25	29	33
Others	-	-	-	-
<b>Total</b>	<b>100% (10807)</b>	<b>100% (7683)</b>	<b>100% (128)</b>	<b>100% (485)</b>

While a majority of the domestic visitors were married, a larger % the foreign visitors were not married.

**Table – 20**  
**Annual Household income of the Sample Domestic Visitors in Jharkhand**

HH Income (Rs.)	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors
(1)	(2)	(3)
Less than Rs.60,000	24	22
Rs.60,001 – Rs.1,00,000	31	31
Rs.1,00,001 – Rs.2,00,000	39	38
Rs.2,00,001 – Rs.5,00,000	5	6
Above Rs.5,00,000	2	3
<b>Total</b>	<b>100% (10807)</b>	<b>100% (7683)</b>

A majority of the domestic tourists claimed an income of less than Rs. 100000 while most of the foreign visitors claimed an income of US\$ 60 – 80000.

**Table – 21**  
**Annual Household income of the Sample Foreign Visitors in Jharkhand**

HH Income (US \$)	%age Foreign Overnight Visitors	%age Foreign Day Visitors
(1)	(2)	(3)
Less than \$.40,000	-	1
\$.40,001 – \$.60,000	1	-
\$.60,001 – \$.80,000	99	98
\$.80,001 – \$.1,00,000	-	1
Above \$.1,00,000	-	-
<b>Total</b>	<b>100% (128)</b>	<b>100% (485)</b>



A majority of all the visitors were not graduates. A majority (85%) of the foreign tourists were self-employed professionals. A significant proportion of the tourists were either engaged in private service or business; a sizeable number were also students.

**Table – 22**  
**Educational Level of Sample Visitors in Jharkhand**

Level of Education	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors
(1)	(2)	(3)	(4)
No Formal Education	1	1	4
Primary	9	7	7
Secondary	19	18	18
Higher Secondary	27	29	25
Graduate & Above	40	40	41
Technical & Professional of All Level	4	5	5
<b>Total</b>	<b>100% (10807)</b>	<b>100% (7683)</b>	<b>100% (128)</b>

**Table – 23**  
**Occupation Pattern of Sample Visitors in Jharkhand**

Occupation	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors
(1)	(2)	(3)	(4)
Industrialist / Trader / Shop Owner	3	3	2
Self Employed Professional	2	3	2
Government Service	6	7	5
Private Service	33	36	29
Student / Researcher	24	22	26
Business	22	22	29
Agriculture	7	6	5
Housewife	2	2	3
Other	1	1	1
<b>Total</b>	<b>100% (10807)</b>	<b>100% (7683)</b>	<b>100% (128)</b>

## 9.5 Visit Purpose & Logistics

Purpose of visit and travel logistics were obtained from the sample of visitors in the entry/ exit point survey.

**Table – 24**  
**Purpose of visit by Sample Visitors in Jharkhand**

Purpose	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Business	71	54	73	37
Holidays, Leisure & Recreation	73	64	73	74
Social Activity	39	30	36	30
Pilgrimage / religious Activity	9	4	18	5
Education / Training	9	16	7	13
Health & Medical	5	7	2	10
Shopping	6	17	3	13
Others	9	14	2	17

Most foreign tourists visited Jharkhand for business as well as leisure purposes. A substantial proportion also engaged in social activity. Education/ training and shopping also motivated the same day visitors.

**Table – 25**  
**Mode of Transportation of Sample Domestic Visitors in Jharkhand**

Mode of Transportation	%age of visitors from within the State		%age of visitors from Outside the State	
	Overnight Visitors	Same day Visitors	Overnight Visitors	Same day Visitors
(1)	(2)	(3)	(4)	(5)
Train	49	55	88	85
Bus	41	37	6	7
Air	--	--	3	3
Personal Vehicle	2	3	--	--
Taxi	1	1	2	2
Other	8	4	2	2
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

While tourists from outside the state used the train, those from within the state used the bus also to a great extent.

**Table – 26**  
**Mode of Transportation of Sample Foreign Visitors in Jharkhand**

Mode of Transportation	Overnight Visitors
Train	90
Bus	--
Air	10
Personal Vehicle	-
Taxi	-
Other	-
<b>Total</b>	<b>100%</b>

**Table – 27**  
**Travel Behavior of Sample Visitors in Jharkhand**

Frequency of Visits	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Once a week or more often	9	6	12	3
Once a fortnight	8	5	9	6
Once a month	12	8	15	11
Once in 3 months	12	11	7	7
Once in 6 months	14	16	15	10
Once in a Year	21	28	28	44
Less Often	18	27	15	19
<b>Total</b>	<b>100% (10807)</b>	<b>100% (7683)</b>	<b>100% (128)</b>	<b>100% (485)</b>

2 – 3% of all visitors availed of a package tour for their travel to Jharkhand. Most made the travel arrangements themselves.

**Table – 28**  
**Propensity of availing package tour of Sample Visitors in Jharkhand**

Propensity of availing package	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age of Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Percentage of Tourists availing package tour	2	2	3	1
Percentage of Tourists not availed package tour	98	98	3	1
<b>Total</b>	<b>100% (10807)</b>	<b>100% (7683)</b>	<b>100% (128)</b>	<b>100% (485)</b>

**Table – 29**  
**Travel Arrangement Mode of Sample Visitors in Jharkhand**

Travel Arrangement Mode	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age of Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Self	89	88	84	85
Office / Employer	2	2	2	3
Travel Agent	11	11	13	13
Tour Operator	1	1	2	1
Other	1	-	1	1

## 9.6 Boarding & Lodging Details

Friends and relatives were preferred for lodging purposes. Non-star hotels emerged as the second most preferred accommodation.

**Table – 30**  
**Distribution of overnight visitors by place of stay of Sample Visitors in Jharkhand**

Place of Stay	%age of Domestic Overnight Visitors	%age of Foreign Overnight Visitors
(1)	(2)	(3)
Star Hotel	14	41
Non-Star Hotel	27	33
Motel	-	2
Govt. Guest House / Circuit House / Bhawan / Sadan	2	1
Private Guest House / Inn / Rest House / Tourist Bungalow	9	1
Dharamshala / Sarai / Musafirkhana	4	2
Gurudwara / Temple / Monastery / Other	1	2
Temporary free stay in tent etc.		
Friends & Relatives	42	19
Bed & Breakfast Unit	0.3	1
Youth / YMCA Hostel	1	1
<b>Total</b>	<b>100%</b>	<b>100%</b>

A substantial proportion of the tourists ate at homes of friends and relatives followed by *Dhabas*.

**Table – 31**  
**Distribution of visitor by their preferred eating place of Sample Visitors in Jharkhand**

Eating Place	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age of Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Restaurant	25	23	30	14
Fast Food Outlets	17	17	12	15
Cafeteria	23	16	20	19
Dhaba	29	32	30	22
Bars	4	5	8	7
Mobile Van	1	1	2	-
Food Kiosk	1	1	-	1
Refreshment Stand	1	1	1	1
Place of Lodging	1	1	1	-
Dharamshala / Sarai	-	0.3	0.4	-
Gurudwara / Temple / Monastery / Other free accommodation	1	1	1	1
Friends & Relatives	30	32	--	--

## 9.7 Travel Feedback

The sample of visitors in the entry/ exit point survey were asked to state their satisfaction with the travel experience, on a number of parameters, using a 5 point scale. The scale ranged from Very Satisfied to Very Dissatisfied.

**Table – 32**  
**Satisfaction level of services by Sample Visitors in Jharkhand**

Services	%age of Domestic Overnight Visitors		%age of Domestic Day Visitors		%age of Foreign Overnight Visitors	
	Satisfied	Dissatisfied	Satisfied	Dissatisfied	Satisfied	Dissatisfied
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Availability of Tour Operator	70	30	66	34	72	27
Availability of Transportation	85	15	83	17	89	11
Availability of Tourist Guide	71	28	69	31	74	26
Availability of good quality accommodation	80	20	79	21	84	16
Public Convenience	80	19	78	22	85	15
Eating Places	74	26	72	28	72	27
Information Centers	77	23	75	25	84	16
Souvenir Shops	76	24	72	27	83	17
Entertainment Places	77	22	74	25	83	16
Quality of Roads	4	96	6	94	-	100
Security	77	23	74	26	84	16
Behavior of Local People	3	97	4	96	2	98
Shops other than souvenir ones	67	33	65	35	70	30
Upkeep of tourist sites	77	22	74	25	83	16
Accommodation tariff	71	28	69	31	74	26
Quality of Information	76	24	72	27	83	17

The visitors were not at all satisfied on account of quality of roads and behaviour of local people.

A majority of the visitors found their experience as per their expectations.

**Table – 33**  
**Expectation level of their visit to district / State of Sample Visitors in Jharkhand**

Expectation level	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors	%age of Foreign Day Visitors
(1)	(2)	(3)	(4)	(5)
Much Better than expectation	4	5	3	4
Somewhat better than expectation	41	39	40	29
As per expectation	53	54	56	66
Worse than expectation	1	1	2	1
Much worse than expectation	1	1	-	1
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

**Table – 34**  
**Popular Source of Information of tourist destination of the Sample Visitors in Jharkhand**

Information Source	%age of Domestic Overnight Visitors	%age of Domestic Day Visitors	%age of Foreign Overnight Visitors
(1)	(2)	(3)	(4)
Indian Embassy in your Country	-	-	-
Indian Tourism Bureau in your country	-	-	5
Indian Tourism Office in India	3	3	5
State Tourism department	2	2	5
Travel Agent	4	3	2
Internet			
a)website of MOT	4	5	6
b)Other website	21	25	14
Travel Books / Guides / Magazines / Newspaper	71	72	77
Relatives / Friends	10	7	10
Other	2	2	-



## 9.8 Travel Expenditure

The Tables 36 – 37 indicate the expenditure made by visitors availing packaged tours. Tables 38 – 40 indicate the expenditure incurred by visitors who did not avail a packaged tour.

**Table – 36**  
**Average Expenditure on Package Component plus non-package component of Sample Domestic**  
**Visitors availing package tour in Jharkhand**

Package Component	Overnight Visitors		Non – Package Component Expenditure Rs.					Total Expenditure Rs.	Average Expend. Rs.
	Expenditure Rs.	No. of Visitors	Accommodation	Transport	Food	Shopping	Recreation		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Travel + Food	Rs. 9.86 cr	480327	1.2 cr	1.78 cr	1.05 cr	2.63 cr	0.51cr	17.03 cr	3598
<b>Total</b>	<b>Rs. 9.86 cr</b>	<b>480327</b>	<b>1.2 cr</b>	<b>1.78 cr</b>	<b>1.05 cr</b>	<b>2.63 cr</b>	<b>0.51cr</b>	<b>17.03 cr</b>	<b>3598</b>

**Table – 37**  
**Average Expenditure on Package Component plus non-package component of Sample Foreign**  
**Visitors availing package tour in district / State of Jharkhand**

Types of Packages	Overnight Visitors		Non – Package Component Expenditure Rs.					Total Expenditure Rs.	Average Expend. Rs.
	Expenditure Rs.	No. of Visitors	Accommodation	Transport	Food	Shopping	Recreation		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Travel + Food	0.09 cr	2948	0.03 cr	0.01cr	0.03 cr	0.03 cr	0.00 cr	0.19 cr	3899
<b>Total</b>	<b>0.09 cr</b>	<b>2948</b>	<b>0.03 cr</b>	<b>0.01cr</b>	<b>0.03 cr</b>	<b>0.03 cr</b>	<b>0.00 cr</b>	<b>0.19 cr</b>	<b>3899</b>

**Table – 38**  
**Average Expenditure on non-package component of Sample Visitors in Jharkhand**

Non-Package Component	Avg. Expenditure of DOVs	Avg. Expenditure of DDVs	Avg. Expenditure of FOVs
(1)	(2)	(3)	(4)
Accommodation	466	0	661
Food & Drinks	156	219	233
Transport	873	1335	852
Shopping	590	866	660
Recreation, Leisure & Cultural Activities	137	179	95
<b>Total</b>	<b>2252</b>	<b>2599</b>	<b>2501</b>

**Table – 39**  
**Average Expenditure on non-package component before trip of Sample Visitors in Jharkhand**

Non-Package Component	Avg. Expenditure of DOVs	Avg. Expenditure of DDVs	Avg. Expenditure of FOVs
(1)	(2)	(3)	(4)
Accommodation	588	366	407
Food & Drinks	207	192	205
Transport	604	602	468
Shopping	515	454	506
Recreation, Leisure & Cultural Activities	362	368	212
<b>Total</b>	<b>2276</b>	<b>1982</b>	<b>1799</b>

**Table – 40**  
**Average Expenditure on non-package component during trip of Sample Visitors in Jharkhand**

Non-Package Component	Avg. Expenditure of DOVs	Avg. Expenditure of DDVs	Avg. Expenditure of FOVs
(1)	(2)	(3)	(4)
Accommodation	236	-	466
Food & Drinks	97	151	179
Transport	417	897	486
Shopping	322	625	413
Recreation, Leisure & Cultural Activities	55	129	43
<b>Total</b>	<b>1157</b>	<b>2574</b>	<b>1589</b>

## Annexure

### Supplementary Tables

**Table –A2 (i-a)**  
**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State**  
**in the month of July '09**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.05	395	0.00	0
H.P.	0.00	0	0.00	30
Punjab	0.01	99	0.00	0
Haryana	0.00	0	0.00	30
Uttranchal	0.83	6418	0.04	334
UP	4.52	34856	0.31	2366
Delhi	1.31	10072	0.14	1062
Manipur	0.61	4740	0.02	121
Tripura	0.03	197	0.02	182
Meghalaya	0.05	395	0.00	30
Mizoram	0.04	296	0.04	273
West Bengal	9.25	71292	1.19	9192
Orissa	1.52	11750	0.54	4156
Rajasthan	0.29	2271	0.02	152
Gujarat	0.40	3061	0.02	152
Maharashtra	0.28	2172	0.01	91
MP	0.96	7406	0.05	364
Chhattisgarh	1.93	14910	0.16	1244
Bihar	13.60	104864	4.57	35192
Jharkhand	17.95	138437	37.91	292035
AP	0.08	592	0.00	30
Karnataka	0.12	889	0.00	30
Kerala	0.23	1777	0.00	30
Tamil Nadu	0.06	494	0.01	61
Arunachal Pradesh	0.10	790	0.01	91
Assam	0.55	4246	0.02	182
Nagaland	0.05	395	0.00	0
Andaman & Nicobar	0.01	99	0.00	0
Daman & Diu	0.03	197	0.00	30
Chandigarh	0.03	197	0.00	0
<b>Total</b>	<b>54.90</b>	<b>423308</b>	<b>45.10</b>	<b>347463</b>

Table –A2 (i-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of July '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	3.29	96978
Punjab	0.00	0	0.70	20682
Haryana	0.20	5770	0.01	230
Uttranchal	8.76	258216	2.89	85028
UP	0.93	27408	0.27	8043
Delhi	0.83	24523	0.27	7813
Manipur	0.24	7213	0.06	1838
Tripura	0.10	2885	0.02	689
Meghalaya	1.37	40391	0.25	7354
Mizoram	1.13	33179	0.35	10341
Sikkim	0.15	4328	0.02	460
West Bengal	44.12	1301179	16.78	494311
Orissa	0.24	7213	0.05	1379
Rajasthan	0.24	7213	0.08	2298
Gujarat	0.05	1443	0.07	2068
Maharashtra	0.10	2885	0.06	1838
Bihar	3.33	98093	0.05	1609
Jharkhand	12.62	372177	0.37	11031
<b>Total</b>	<b>74.40</b>	<b>2194116</b>	<b>25.60</b>	<b>753991</b>

Table –A2 (ii-a)

Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State  
in the month of August '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.01	26	0.41	804
H.P.	0.17	341	0.74	1448
Punjab	0.55	1076	1.65	3218
Haryana	0.07	131	0.21	402
Uttranchal	0.08	157	0.33	644
UP	3.36	6562	4.96	9653
Delhi	0.65	1260	1.12	2172
Manipur	0.19	367	0.17	322
Tripura	0.01	26	0.08	161
Mizoram	0.05	105	0.00	0
Sikkim	0.03	52	0.00	0
West Bengal	10.98	21419	14.05	27350
Orissa	1.68	3281	1.78	3459
Rajasthan	0.09	184	0.12	241
Gujarat	0.01	26	0.50	965
MP	0.39	761	0.33	644
Chaattisgarh	1.41	2756	0.45	885
Bihar	14.97	29215	37.27	72559
AP	0.01	26	0.04	80
Karnataka	0.00	0	0.12	241
Kerala	0.05	105	0.08	161
Arunachal Pradesh	0.05	105	0.00	0
Assam	0.23	446	0.25	483
Goa	0.03	52	0.00	0
Daman & Diu	0.20	394	0.04	80
<b>Total</b>	<b>35.30</b>	<b>68877</b>	<b>64.70</b>	<b>125972</b>

**Table –A2 (ii-b)**

**Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of August '09**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	4.75	42072
Punjab	0.00	0	1.01	8973
Haryana	0.17	1470	0.01	100
Uttranchal	7.43	65769	4.16	36887
UP	0.79	6981	0.39	3489
Delhi	0.71	6246	0.38	3390
Manipur	0.21	1837	0.09	798
Tripura	0.08	735	0.03	299
Meghalaya	1.16	10288	0.36	3190
Mizoram	0.95	8451	0.51	4486
Sikkim	0.12	1102	0.02	199
West Bengal	37.42	331417	24.19	214445
Orissa	0.21	1837	0.07	598
Rajasthan	0.21	1837	0.11	997
Gujarat	0.04	367	0.10	897
Maharashtra	0.08	735	0.09	798
Bihar	2.82	24985	0.08	698
Jharkhand	10.70	94796	0.54	4785
<b>Total</b>	<b>63.10</b>	<b>558853</b>	<b>36.90</b>	<b>327101</b>



Table –A2 (iii-a)

Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State  
in the month of September '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.09	209	0.00	0
H.P.	0.29	666	0.00	0
Punjab	0.03	76	0.00	0
UP	1.11	2512	0.31	713
Delhi	0.10	228	0.11	242
Tripura	0.00	0	0.01	27
West Bengal	5.08	11512	1.40	3186
Orissa	1.82	4129	0.05	121
Rajasthan	0.00	0	0.01	13
MP	0.21	476	0.02	40
Chaattisgarh	0.23	533	0.04	81
Bihar	7.80	17677	3.09	7018
Jharkhand	11.00	24945	66.56	151122
Kerala	0.11	247	0.00	0
Tamil Nadu	0.03	76	0.00	0
Assam	0.02	38	0.00	0
Daman & Diu	0.30	685	0.00	0
Lakshwadeep	0.09	209	0.00	0
Chandigarh	0.03	57	0.00	0
Dadar & Nagar Haveli	0.05	114	0.00	0
<b>Total</b>	<b>28.40</b>	<b>64389</b>	<b>71.60</b>	<b>162563</b>

**Table –A2 (iii-b)**

**Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of September '09**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	4.94	51271
Punjab	0.00	0	1.05	10935
Haryana	0.16	1684	0.01	121
Uttanchal	7.25	75346	4.33	44954
UP	0.77	7998	0.41	4252
Delhi	0.69	7156	0.40	4131
Manipur	0.20	2105	0.09	972
Tripura	0.08	842	0.04	364
Meghalaya	1.13	11786	0.37	3888
Mizoram	0.93	9681	0.53	5467
Sikkim	0.12	1263	0.02	243
West Bengal	36.53	379679	25.17	261338
Orissa	0.20	2105	0.07	729
Rajasthan	0.20	2105	0.12	1215
Gujarat	0.04	421	0.11	1093
Maharashtra	0.08	842	0.09	972
Bihar	2.75	28623	0.08	850
Jharkhand	10.45	108600	0.56	5832
<b>Total</b>	<b>61.60</b>	<b>640234</b>	<b>38.40</b>	<b>398629</b>

**Table –A2 (iv-a)**  
**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State**  
**in the month of October'09**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.02	45
H.P.	0.04	92	0.16	349
Punjab	0.06	132	0.01	30
Haryana	0.00	0	0.01	15
UP	2.48	5291	1.07	2288
Delhi	0.24	501	0.26	561
Manipur	0.03	66	0.00	0
Tripura	0.04	92	0.03	61
Meghalaya	0.01	13	0.00	0
Mizoram	0.01	26	0.00	0
Sikkim	0.00	0	0.12	258
West Bengal	4.74	10094	3.10	6607
Orissa	0.46	990	0.19	409
Gujarat	0.12	264	0.00	0
Maharashtra	0.07	158	0.01	30
MP	0.09	198	0.06	121
Chaattisgarh	0.24	515	0.03	61
Bihar	3.56	7574	4.78	10198
Jharkhand	5.71	12153	71.94	153410
AP	0.12	251	0.00	0
Karnataka	0.14	290	0.00	0
Tamil Nadu	0.01	13	0.00	0
Assam	0.02	53	0.00	0
<b>Total</b>	<b>18.20</b>	<b>38767</b>	<b>81.80</b>	<b>174443</b>

Table –A2 (iv-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of October '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.24	2655
Haryana	0.43	4731	0.13	1475
Uttanchal	0.36	3992	0.03	295
UP	1.96	21732	0.96	10619
Delhi	0.07	739	0.08	885
Tripura	0.01	148	4.01	44541
Mizoram	0.03	296	0.00	0
West Bengal	1.05	11679	8.00	88787
Orissa	0.24	2661	0.21	2360
Rajasthan	0.41	4583	0.16	1770
Gujarat	0.03	296	0.00	0
Maharashtra	0.17	1922	0.03	295
MP	0.81	9018	0.16	1770
Chaattisgarh	0.32	3548	0.00	0
Bihar	3.50	38881	2.74	30382
Jharkhand	17.53	194703	55.62	617085
AP	0.27	2957	0.03	295
Karnataka	0.19	2070	0.00	0
Kerala	0.03	296	0.00	0
Tamil Nadu	0.12	1331	0.00	0
Assam	0.01	148	0.00	0
Goa	0.01	148	0.00	0
Chandigarh	0.05	591	0.00	0
<b>Total</b>	<b>27.60</b>	<b>306469</b>	<b>72.40</b>	<b>803214</b>

Table –A2 (v-a)

Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State  
in the month of November '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.17	403
H.P.	0.01	27	0.09	222
Punjab	0.02	40	0.00	0
Haryana	0.00	0	0.16	383
UP	1.67	4061	0.72	1755
Delhi	0.81	1978	0.09	222
Mizoram	0.02	53	0.00	0
Sikkim	0.02	53	0.00	0
West Bengal	3.84	9357	1.53	3711
Orissa	0.15	358	0.18	444
Gujarat	0.10	252	0.02	40
Maharashtra	0.23	571	0.02	61
MP	0.32	783	0.12	303
Chaattisgarh	0.12	292	0.01	20
Bihar	2.45	5972	5.95	14460
Jharkhand	7.00	17041	74.14	180278
Karnataka	0.00	0	0.01	20
Arunachal Pradesh	0.01	27	0.00	0
Assam	0.02	53	0.00	0
<b>Total</b>	<b>16.80</b>	<b>40917</b>	<b>83.20</b>	<b>202321</b>

Table –A2 (v-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of November '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.25	3307
Haryana	0.39	5181	0.14	1837
Uttanchal	0.33	4371	0.03	367
UP	1.78	23798	0.99	13228
Delhi	0.06	809	0.08	1102
Tripura	0.01	162	4.15	55484
Mizoram	0.02	324	0.00	0
West Bengal	0.96	12790	8.28	110600
Orissa	0.22	2914	0.22	2940
Rajasthan	0.38	5019	0.17	2205
Gujarat	0.02	324	0.00	0
Maharashtra	0.16	2105	0.03	367
MP	0.74	9875	0.17	2205
Chaattisgarh	0.29	3885	0.00	0
Bihar	3.18	42578	2.83	37846
Jharkhand	15.95	213214	57.54	768687
AP	0.24	3238	0.03	367
Karnataka	0.17	2267	0.00	0
Kerala	0.02	324	0.00	0
Tamil Nadu	0.11	1457	0.00	0
Assam	0.01	162	0.00	0
Goa	0.01	162	0.00	0
Chandigarh	0.05	648	0.00	0
<b>Total</b>	<b>25.10</b>	<b>335605</b>	<b>74.90</b>	<b>1000542</b>

Table –A2 (vi-a)

Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State  
in the month of December '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.01	33	0.00	0
H.P.	0.01	33	0.23	816
Punjab	0.10	365	0.00	0
Haryana	0.00	0	0.15	558
UP	0.81	2918	0.32	1159
Delhi	0.68	2454	0.20	730
Sikkim	0.00	0	0.01	43
West Bengal	8.95	32301	3.60	12963
Orissa	0.39	1426	0.19	687
Gujarat	0.06	232	0.02	86
Maharashtra	0.06	199	0.05	172
MP	0.06	232	0.00	0
Chaattisgarh	0.06	232	0.01	43
Bihar	5.25	18969	4.61	16611
Jharkhand	7.38	26630	66.60	239811
AP	0.13	464	0.00	0
Karnataka	0.03	99	0.00	0
Assam	0.02	66	0.00	0
<b>Total</b>	<b>24.00</b>	<b>86656</b>	<b>76.00</b>	<b>273677</b>

Table –A2 (vi-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of December '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.23	4159
Haryana	0.45	8084	0.13	2310
Uttanchal	0.38	6821	0.03	462
UP	2.08	37137	0.93	16635
Delhi	0.07	1263	0.08	1386
Tripura	0.01	253	3.92	69775
Mizoram	0.03	505	0.00	0
West Bengal	1.12	19958	7.80	139089
Orissa	0.26	4547	0.21	3697
Rajasthan	0.44	7832	0.16	2773
Gujarat	0.03	505	0.00	0
Maharashtra	0.18	3284	0.03	462
MP	0.87	15411	0.16	2773
Chaattisgarh	0.34	6063	0.00	0
Bihar	3.73	66443	2.67	47595
Jharkhand	18.68	332719	54.24	966688
AP	0.28	5053	0.03	462
Karnataka	0.20	3537	0.00	0
Kerala	0.03	505	0.00	0
Tamil Nadu	0.13	2274	0.00	0
Assam	0.01	253	0.00	0
Goa	0.01	253	0.00	0
Chandigarh	0.06	1011	0.00	0
<b>Total</b>	<b>29.40</b>	<b>523711</b>	<b>70.60</b>	<b>1258266</b>



**Table –A2 (vii-a)**  
**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State**  
**in the month of January '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.01	120	0.06	726
H.P.	0.00	0	0.09	1141
Punjab	0.08	1076	0.00	0
Haryana	0.00	0	0.25	3215
UP	2.85	37057	0.82	10684
Delhi	1.60	20800	0.17	2178
Mizoram	0.06	717	0.00	0
Sikkim	0.03	359	0.00	0
West Bengal	6.59	85708	1.71	22301
Orissa	0.40	5260	0.09	1141
Gujarat	0.28	3586	0.02	311
Maharashtra	0.48	6216	0.04	519
MP	0.64	8368	0.14	1763
Chaattisgarh	0.14	1793	0.02	207
Bihar	4.37	56900	6.18	80387
Jharkhand	8.42	109616	64.32	837270
AP	0.03	359	0.00	0
Karnataka	0.07	956	0.01	104
Tamil Nadu	0.02	239	0.00	0
Arunachal Pradesh	0.01	120	0.00	0
Assam	0.03	359	0.00	0
<b>Total</b>	<b>26.10</b>	<b>339606</b>	<b>73.90</b>	<b>961948</b>

Table –A2 (vii-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of January '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	1.48	27293
Punjab	0.00	0	0.58	10790
Haryana	0.22	3975	0.07	1269
Uttranchal	2.44	45045	1.58	29197
UP	1.58	29147	0.51	9521
Delhi	0.23	4306	0.17	3174
Manipur	0.05	994	0.07	1269
Tripura	3.28	60612	1.54	28563
Meghalaya	0.38	6955	0.27	5078
Mizoram	0.23	4306	0.10	1904
Sikkim	0.00	0	0.03	635
West Bengal	21.44	395798	9.23	170740
Orissa	0.29	5299	0.03	635
Rajasthan	0.39	7287	0.14	2539
Gujarat	0.07	1325	0.03	635
Maharashtra	0.07	1325	0.03	635
MP	0.38	6955	0.07	1269
Chattisgarh	0.25	4637	0.00	0
Bihar	2.96	54650	0.51	9521
Jharkhand	36.20	668385	12.80	236751
AP	0.04	662	0.03	635
Karnataka	0.07	1325	0.00	0
Tamil Nadu	0.02	331	0.00	0
Assam	0.02	331	0.00	0
Goa	0.02	331	0.00	0
Chandigarh	0.07	1325	0.00	0
<b>Total</b>	<b>70.70</b>	<b>1305304</b>	<b>29.30</b>	<b>542053</b>

**Table –A2 (viii-a)**  
**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State**  
**in the month of February '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.01	106	0.08	1068
H.P.	0.00	0	0.10	1389
Punjab	0.05	635	0.00	0
Haryana	0.00	0	0.23	3098
UP	2.32	31455	0.87	11752
Delhi	1.12	15251	0.14	1923
Mizoram	0.02	212	0.00	0
Sikkim	0.02	318	0.00	0
West Bengal	5.68	76995	1.79	24253
Orissa	0.24	3283	0.12	1603
Gujarat	0.20	2754	0.02	321
Maharashtra	0.28	3813	0.05	641
MP	0.54	7308	0.16	2137
Chaattisgarh	0.12	1695	0.02	214
Bihar	4.20	56979	6.01	81626
Jharkhand	7.68	104108	67.82	920754
AP	0.02	318	0.00	0
Karnataka	0.06	847	0.00	0
Tamil Nadu	0.02	212	0.00	0
Arunachal Pradesh	0.01	106	0.00	0
Assam	0.01	106	0.00	0
<b>Total</b>	<b>22.60</b>	<b>306499</b>	<b>77.40</b>	<b>1050779</b>

Table –A2 (viii-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of February '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	1.51	28870
Punjab	0.00	0	0.60	11414
Haryana	0.21	4075	0.07	1343
Uttranchal	2.42	46182	1.62	30884
UP	1.56	29883	0.53	10071
Delhi	0.23	4414	0.18	3357
Manipur	0.05	1019	0.07	1343
Tripura	3.25	62142	1.58	30213
Meghalaya	0.37	7131	0.28	5371
Mizoram	0.23	4414	0.11	2014
Sikkim	0.00	0	0.04	671
West Bengal	21.23	405792	9.45	180606
Orissa	0.28	5433	0.04	671
Rajasthan	0.39	7471	0.14	2686
Gujarat	0.07	1358	0.04	671
Maharashtra	0.07	1358	0.04	671
MP	0.37	7131	0.07	1343
Chhattisgarh	0.25	4754	0.00	0
Bihar	2.93	56030	0.53	10071
Jharkhand	35.84	685262	13.10	250432
AP	0.04	679	0.04	671
Karnataka	0.07	1358	0.00	0
Tamil Nadu	0.02	340	0.00	0
Assam	0.02	340	0.00	0
Goa	0.02	340	0.00	0
Chandigarh	0.07	1358	0.00	0
<b>Total</b>	<b>70.00</b>	<b>1338264</b>	<b>30.00</b>	<b>573374</b>

**Table –A2 (ix-a)**  
**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State**  
**in the month of March '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.04	202	0.00	0
H.P.	0.32	1660	0.00	0
Punjab	0.05	243	0.00	0
Haryana	0.10	526	0.00	0
UP	2.03	10364	0.00	0
Delhi	0.77	3927	0.00	0
Sikkim	0.01	40	0.00	0
West Bengal	3.85	19674	1.56	7961
Orissa	0.48	2429	0.22	1121
Gujarat	0.10	526	0.00	0
Maharashtra	0.13	688	0.00	0
MP	0.55	2793	0.00	0
Chaattisgarh	0.21	1093	0.00	0
Bihar	2.32	11861	5.22	26704
Jharkhand	4.96	25382	77.00	393829
AP	0.01	40	0.00	0
Karnataka	0.06	283	0.00	0
Tamil Nadu	0.02	81	0.00	0
<b>Total</b>	<b>16.00</b>	<b>81815</b>	<b>84.00</b>	<b>429614</b>

Table –A2 (ix-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of March '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	1.27	11724
Punjab	0.00	0	0.50	4635
Haryana	0.23	2089	0.06	545
Uttranchal	2.58	23675	1.36	12542
UP	1.67	15319	0.44	4090
Delhi	0.25	2263	0.15	1363
Manipur	0.06	522	0.06	545
Tripura	3.47	31857	1.33	12269
Meghalaya	0.40	3656	0.24	2181
Mizoram	0.25	2263	0.09	818
Sikkim	0.00	0	0.03	273
West Bengal	22.65	208028	7.97	73343
Orissa	0.30	2785	0.03	273
Rajasthan	0.42	3830	0.12	1091
Gujarat	0.08	696	0.03	273
Maharashtra	0.08	696	0.03	273
MP	0.40	3656	0.06	545
Chattisgarh	0.27	2437	0.00	0
Bihar	3.13	28724	0.44	4090
Jharkhand	38.25	351298	11.05	101699
AP	0.04	348	0.03	273
Karnataka	0.08	696	0.00	0
Tamil Nadu	0.02	174	0.00	0
Assam	0.02	174	0.00	0
Goa	0.02	174	0.00	0
Chandigarh	0.08	696	0.00	0
<b>Total</b>	<b>74.70</b>	<b>686058</b>	<b>25.30</b>	<b>232844</b>

**Table –A2 (x-a)**  
**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State**  
**in the month of April '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.08	341
H.P.	0.00	0	0.26	1148
Punjab	0.07	312	0.00	0
Haryana	0.00	0	0.16	714
Uttranchal	0.05	208	0.00	0
UP	2.41	10720	0.59	2607
Delhi	1.08	4788	0.12	528
Mizoram	0.01	52	0.00	0
Sikkim	0.04	156	0.00	0
West Bengal	5.77	25708	1.86	8256
Orissa	0.60	2654	0.19	838
Rajasthan	0.05	208	0.01	62
Gujarat	0.25	1093	0.02	93
Maharashtra	0.20	885	0.03	155
MP	0.77	3435	0.16	714
Chhattisgarh	0.18	781	0.03	155
Bihar	5.02	22377	5.07	22502
Jharkhand	9.11	40591	65.62	291501
AP	0.04	156	0.00	0
Karnataka	0.09	416	0.00	0
Tamil Nadu	0.06	260	0.00	0
Arunachal Pradesh	0.01	52	0.00	0
Assam	0.01	52	0.00	0
<b>Total</b>	<b>25.80</b>	<b>114905</b>	<b>74.20</b>	<b>329615</b>

Table –A2 (x-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of April '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
Punjab	0.00	0	1.61	19194
Haryana	0.30	3621	0.81	9597
Uttaranchal	0.30	3621	0.81	9597
UP	1.60	19092	6.99	83176
Delhi	0.09	1053	0.00	0
Mizoram	0.02	198	0.54	6398
West Bengal	0.91	10863	0.54	6398
Orissa	0.34	4082	0.00	0
Rajasthan	0.33	3884	0.81	9597
Gujarat	0.03	329	0.00	0
Maharashtra	0.10	1185	0.81	9597
MP	0.44	5267	1.08	12796
Chhattisgarh	0.08	922	0.54	6398
Bihar	3.47	41279	11.29	134361
Jharkhand	16.76	199481	46.51	553439
AP	0.09	1053	0.54	6398
Karnataka	0.07	790	0.81	9597
Kerala	0.01	132	0.00	0
Tamil Nadu	0.02	263	0.00	0
Assam	0.00	0	0.81	9597
Goa	0.01	132	0.00	0
Chandigarh	0.03	395	0.54	6398
<b>Total</b>	<b>25.0</b>	<b>297642</b>	<b>75.0</b>	<b>892541</b>



Table –A2 (xi-a)

**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State in the month of May '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.09	422
H.P.	0.00	0	0.19	942
Punjab	0.07	362	0.00	0
Haryana	0.00	0	0.15	747
Uttranchal	0.05	241	0.00	0
UP	2.62	12844	0.54	2632
Delhi	1.09	5367	0.11	552
Mizoram	0.01	60	0.00	0
Sikkim	0.06	301	0.00	0
West Bengal	6.33	31054	1.78	8741
Orissa	0.59	2894	0.18	877
Rajasthan	0.07	362	0.03	130
Gujarat	0.25	1206	0.02	97
Maharashtra	0.21	1025	0.02	97
MP	0.81	3980	0.14	682
Chhattisgarh	0.18	904	0.03	162
Bihar	5.93	29064	4.92	24177
Jharkhand	10.59	51917	62.70	308062
AP	0.04	181	0.00	0
Karnataka	0.10	482	0.00	0
Tamil Nadu	0.06	301	0.00	0
Arunachal Pradesh	0.01	60	0.00	0
Assam	0.01	60	0.00	0
<b>Total</b>	<b>29.10</b>	<b>142666</b>	<b>70.90</b>	<b>348324</b>

Table –A2 (xi-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of May '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
Punjab	0.00	0	1.60	21148
Haryana	0.31	4145	0.80	10574
Uttaranchal	0.31	4145	0.80	10574
UP	1.65	21853	6.92	91640
Delhi	0.09	1206	0.00	0
Mizoram	0.02	226	0.53	7049
West Bengal	0.94	12434	0.53	7049
Orissa	0.35	4672	0.00	0
Rajasthan	0.34	4446	0.80	10574
Gujarat	0.03	377	0.00	0
Maharashtra	0.10	1356	0.80	10574
MP	0.45	6028	1.07	14098
Chhattisgarh	0.08	1055	0.53	7049
Bihar	3.56	47248	11.18	148033
Jharkhand	17.22	228328	46.07	609756
AP	0.09	1206	0.53	7049
Karnataka	0.07	904	0.80	10574
Kerala	0.01	151	0.00	0
Tamil Nadu	0.02	301	0.00	0
Assam	0.00	0	0.80	10574
Goa	0.01	151	0.00	0
Chandigarh	0.03	452	0.53	7049
<b>Total</b>	<b>25.7</b>	<b>340683</b>	<b>74.3</b>	<b>983363</b>

**Table –A2 (xii-a)**  
**Ratio and estimates Number of Domestic Leisure Tourists/Same Day visitors visited from other State**  
**in the month of June '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
J & K	0.00	0	0.07	332
H.P.	0.00	0	0.17	775
Punjab	0.07	328	0.00	0
Haryana	0.00	0	0.12	553
Uttranchal	0.05	219	0.00	0
UP	2.56	11330	0.48	2130
Delhi	1.01	4488	0.10	443
Mizoram	0.01	55	0.00	0
Sikkim	0.09	383	0.00	0
West Bengal	6.74	29831	2.04	9046
Orissa	0.69	3065	0.16	692
Rajasthan	0.15	657	0.02	111
Gujarat	0.23	1040	0.02	83
Maharashtra	0.21	931	0.02	83
MP	0.77	3394	0.11	470
Chaattisgarh	0.17	766	0.02	83
Bihar	7.31	32349	4.75	21052
Jharkhand	11.31	50083	60.31	267233
AP	0.04	164	0.00	0
Karnataka	0.10	438	0.00	0
Tamil Nadu	0.06	274	0.00	0
Arunachal Pradesh	0.01	55	0.00	0
Assam	0.01	55	0.00	0
<b>Total</b>	<b>31.60</b>	<b>139904</b>	<b>68.40</b>	<b>303085</b>

Table –A2 (xii-b)

Ratio and estimates Number of Domestic Non-Leisure Tourists/Same Day visitors visited from other State in the month of June '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists	Ratio of Same Day Visitors in sample	Estimated Number of Day Visitors
Punjab	0.00	0	1.60	18634
Haryana	0.31	3637	0.80	9317
Uttranchal	0.31	3637	0.80	9317
UP	1.64	19174	6.93	80748
Delhi	0.09	1058	0.00	0
Mizoram	0.02	198	0.53	6211
West Bengal	0.93	10910	0.53	6211
Orissa	0.35	4099	0.00	0
Rajasthan	0.33	3901	0.80	9317
Gujarat	0.03	331	0.00	0
Maharashtra	0.10	1190	0.80	9317
MP	0.45	5289	1.07	12423
Chaattisgarh	0.08	926	0.53	6211
Bihar	3.55	41456	11.20	130439
Jharkhand	17.16	200339	46.13	537283
AP	0.09	1058	0.53	6211
Karnataka	0.07	793	0.80	9317
Kerala	0.01	132	0.00	0
Tamil Nadu	0.02	264	0.00	0
Assam	0.00	0	0.80	9317
Goa	0.01	132	0.00	0
Chandigarh	0.03	397	0.53	6211
<b>Total</b>	<b>25.6</b>	<b>298922</b>	<b>74.4</b>	<b>866485</b>

Table –A2 (xiii-a)

Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of July '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	18.75	103
Nepal	12.5	69
Netherlands	12.5	69
Others	56.25	309
<b>Total</b>	<b>100</b>	<b>549</b>

Table –A2 (xiii-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of July '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	35.7	171
Germany	14.3	69
Japan	14.3	69
Nepal	21.4	103
Bangladesh	7.1	34
Egypt	7.1	34
<b>Total</b>	<b>100</b>	<b>480</b>

Table –A2 (xiv-a)

Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of August '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	36.36	375
Germany	3.64	38
Australia	14.55	150
Japan	16.36	169
Italy	3.64	38
Nepal	16.36	169
China	9.09	94
<b>Total</b>	<b>100.00</b>	<b>1032</b>

Table –A2 (xiv-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of August '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	35.7	405
Germany	14.3	162
Japan	14.3	162
Nepal	21.4	243
Bangladesh	7.1	81
Egypt	7.1	81
<b>Total</b>	100	1134

Table –A2 (xv-a)

Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of September '09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	21.30	52
USA	38.89	95
Canada	1.85	5
Europe	1.85	5
Australia	11.11	27
Japan	1.85	5
Nepal	17.59	43
Spain	0.93	2
China	4.63	11
<b>Total</b>	100.00	245

Table –A2 (xv-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of September'09

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	35.7	83
Germany	14.3	33
Japan	14.3	33
Nepal	21.4	50
Bangladesh	7.1	17
Egypt	7.1	17
<b>Total</b>	100	232

**Table –A2 (xvi-a)****Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of November '09**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	7.84	39
USA	43.14	212
Moroco	1.96	10
Cyprus	3.92	19
Others	43.14	212
<b>Total</b>	<b>100.00</b>	<b>492</b>

**Table –A2 (xvii-a)****Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of December '09**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	14.63	1285
USA	26.22	2302
Canada	10.98	964
Germany	2.44	214
Europe	3.66	321
Australia	3.05	268
Sri Lanka	3.66	321
France	6.71	589
Japan	1.83	161
Italy	14.02	1231
Spain	12.20	1071
Others	0.61	54
<b>Total</b>	<b>100.00</b>	<b>8781</b>

**Table –A2 (xviii-a)**

**Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of January '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	19.28	18
USA	50.60	46
Canada	1.20	1
Germany	0.00	0
Moroco	3.61	3
Cyprus	2.41	2
Others	22.89	21
<b>Total</b>	<b>100.00</b>	<b>91</b>

**Table –A2 (xviii-b)**

**Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of January '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	44.4	227
Japan	22.2	113
Nepal	33.3	170
<b>Total</b>	<b>100.00</b>	<b>510</b>

**Table –A2 (xix-a)**

**Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of February '10**

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	18.84	18
USA	50.72	49
Canada	1.45	1
Germany	0.00	0
Moroco	4.35	4
Others	24.64	24
<b>Total</b>	<b>100.00</b>	<b>96</b>



Table –A2 (xix-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of February '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	44.4	259
Japan	22.2	130
Nepal	33.3	194
<b>Total</b>	<b>100.00</b>	<b>583</b>

Table –A2 (xx-a)

Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of March '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	34.88	153
USA	34.88	153
Canada	1.16	5
Germany	12.79	56
Morocco	2.33	10
Others	13.95	61
<b>Total</b>	<b>100.00</b>	<b>439</b>

Table –A2 (xx-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of March '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
USA	44.4	277
Japan	22.2	138
Nepal	33.3	208
<b>Total</b>	<b>100.00</b>	<b>623</b>

Table –A2 (xxi-a)

Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of April '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	19.61	78
USA	41.18	164
Canada	1.96	8
Germany	0.00	0
Morocco	5.88	23
Others	31.37	125
<b>Total</b>	<b>100.00</b>	<b>398</b>

Table –A2 (xxi-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of April '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	13.6	14
USA	6.8	7
Canada	1.7	2
Germany	32.2	33
Europe	22.0	22
Australia	6.8	7
Sri Lanka	5.1	5
France	1.7	2
Malaysia	1.7	2
Spain	5.1	5
Switzerland	1.7	2
Others	1.7	2
<b>Total</b>	<b>100.00</b>	<b>102</b>

Table –A2 (xxii-a)

Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of May '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	20.00	50
USA	42.00	105
Canada	2.00	5
Germany	0.00	0
Morocco	6.00	15
Others	30.00	75
<b>Total</b>	<b>100.00</b>	<b>249</b>

Table –A2 (xxii-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of May '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	13.6	11
USA	6.8	6
Canada	1.7	1
Germany	32.2	27
Europe	22.0	19
Australia	6.8	6
Sri Lanka	5.1	4
France	1.7	1
Malaysia	1.7	1
Spain	5.1	4
Switzerland	1.7	1
Others	1.7	1
<b>Total</b>	<b>100.00</b>	<b>84</b>

Table –A2 (xxiii-a)

Ratio and estimates Number of Foreign Leisure Tourists/Same Day visitors visited in the month of June '10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	22.03	77
USA	30.51	107
Canada	1.69	6
Germany	0.00	0
Italy	1.69	6
Nepal	15.25	54
Morocco	5.08	18
Others	23.73	83
<b>Total</b>	<b>100.00</b>	<b>351</b>

Table –A2 (xxiii-b)

Ratio and estimates Number of Foreign Non-Leisure Tourists/Same Day visitors visited in the month of June'10

Name of State	Ratio of Tourists in sample	Estimated Number of Tourists
UK	13.6	14
USA	6.8	7
Canada	1.7	2
Germany	32.2	34
Europe	22.0	23
Australia	6.8	7
Sri Lanka	5.1	5
France	1.7	2
Malaysia	1.7	2
Spain	5.1	5
Switzerland	1.7	2
Others	1.7	2
<b>Total</b>	<b>100.00</b>	<b>106</b>

## APPENDIX I: DEFINITIONS

The definitions of various terms to be used in the survey are given below.

**Usual place of Residence:** The **usual place of residence** of a person is the village/ town where the person has been staying continuously for at least 6 months prior to the date of the survey.

**Usual Environment:** The **usual environment** refers to the geographical boundaries within which a person moves within his/ her **regular routine of life**.

**Trip:** A trip refers to the travel by a person from the time of departure from his usual environment until he/ she returns. It, thus, refers to a round trip. A trip may be made up of visits to different places.

**Visitor:** A **visitor** is a traveller taking a trip to a main destination **outside his/ her usual environment** for any main purpose (business, leisure or other personal purpose) other than to be employed at the place visited.

**Tourist:** A visitor is classified as a **tourist** if his/ her trip includes an overnight stay. A tourist is also referred to as an overnight visitor.

**Same-day visitor:** A visitor is classified as a **same-day visitor** if his/ her trip does not include an overnight stay. A same-day visitor is also referred to as an **excursionist**.

**Exclusion:** *The same-day visitors at a tourist destination for whom the tourism destination is part of their usual environment, are not considered same-day visitors for the purpose of this survey.*

**Foreign Visitor:** A visitor having a foreign passport will be treated as a **foreign visitor**. Even a **Non-Resident Indian (NRI)** will be treated as a foreign visitor. NRIs have Indian passports but may be living, or are likely to live, in other countries for 6 months or more.

**Domestic Visitor:** A visitor, who is a resident Indian, will be treated as a **domestic visitor**.

**Tourist Destination:** The **tourist destinations** would generally be as defined by the State in terms of geographical area and tourist interest. A tourist destination should be a clearly identified area/ location. A tourist location could be a ticketed closed area, non-ticketed closed area, or an open area without clearly specified boundaries. It may be a location maintained by Central Govt., State Govt., local body or any other organization, including those run by the private sector. A tourist location may consist of more than one tourist spots. However, the following norms should be adhered to for identifying a tourist location as a tourist destination:

- (i) Each ticketed tourist location will be considered as one tourist destination irrespective of the number of tourist spots at that location covered under the common ticket.
- (ii) If there are 2 or more tourist spots within close proximity which are not ticketed, the location would be considered to be a single destination if a visitor usually visits most or all the spots in the same visit.

**Ticketed Destination:** - A destination, where the entry is through ticket is called ticketed destination. Ticketed destination can be further classified into two categories – differential ticketed destination and common ticketed destination.

- (i) Differential ticketed destination is a destination, where there is different entry fee for domestic and foreign visitors.
- (ii) Common ticket destination is a destination, where there is no different entry fee for domestic and foreign visitors.

**Non-Ticketed Destination:** - A destination, where there is no entry ticket. In such destination there can be a one entry point or more than one entry points.

**Town:** Definition of the town will be same as that used in 2001 Population Census of India.

## APPENDIX II: ESTIMATION PROCEDURE

## (a) Estimation from survey at Entry/ Exit points in a Quarter

From the survey at major entry/exit points of the district, we get the following:

$x^{DT-h-l}$  = no. of domestic leisure visitors to the district in the sample at all exit points covered who stayed at hotels.

$x^{DT-h-nl}$  = no. of domestic non-leisure visitors to the district in the sample at all exit points covered who stayed at hotels.

$a^{DT-h-l}$  = average no. of tourist destinations in the district visited by a domestic leisure tourist who stayed at a hotel (based on the survey at exit points).

Clearly,  $a^{DT-h-l} \geq 1$ .

Similarly, we define

$x^{DT-f-l}$ ,  $x^{DT-f-nl}$ ,  $a^{DT-f-l}$  for domestic tourists staying with Friends & Relatives

$x^{DT-o-l}$ ,  $x^{DT-o-nl}$ ,  $a^{DT-o-l}$  for domestic tourists staying at other places

$x^{DS-l}$ ,  $x^{DS-nl}$ ,  $a^{DS-l}$  for domestic same day visitors

$x^{FT-h-l}$ ,  $x^{FT-h-nl}$ ,  $a^{FT-h-l}$  for foreign Tourist staying at hotels

$x^{FT-f-l}$ ,  $x^{FT-f-nl}$ ,  $a^{FT-f-l}$  for foreign Tourist staying with friends and relatives

$x^{FT-o-l}$ ,  $x^{FT-o-nl}$ ,  $a^{FT-o-l}$  for foreign tourists staying at other places

$x^{FS-l}$ ,  $x^{FS-nl}$ ,  $a^{FS-l}$  for foreign same day visitors.

**(b) Estimation of tourists for a tourist destination in a month**

Define the following notations:

Assume that  $i$  stands for  $i$ th destination selected in the selected town,  $j$  stands for  $j$ th day selected for survey at the  $i$ th destination ( $j=1,2,\dots,d_i$ );  $k$  stands for the  $k$ th entry point at the  $i$ th destination ( $k=1,2,\dots,e_i$ );  $l$  stands for the  $l$ th entry hour at the  $k$ th entry point at  $i$ th destination ( $l=1,2,\dots,h_{ik}$ ).

$n_i^{DT}$  = **No. of visits by domestic tourists surveyed at the  $i$ th destination on all days of survey at all entry points at all hours;**

$n_i^{DT-h}$  = No. of visits by domestic tourists surveyed at the  $i$ th destination and stayed in hotels,

$n_i^{DT-f}$  = No. of visits by domestic tourists surveyed at the  $i$ th destination and staying with friends and relatives

$n_i^{DT-o}$  = No. of visits by domestic tourists surveyed at the  $i$ th destination and stayed at other accommodation units.

$n_i^{DS}$  = **No. of visits by domestic same day visitors surveyed at the  $i$ th destination on all days of survey at all entry points at all hours;**

$n_i^D$  = No. of visits by all domestic visitors surveyed at the  $i$ th destination on all days of survey at all entry points at all hours;  
 $= n_i^{DT} + n_i^{DS}$

$n_i^{FT}$  = **No. of visits by foreign tourists surveyed at the  $i$ th destination on all days of survey at all entry points at all hours;**

$n_i^{FT-h}$  = No. of visits by foreign tourists surveyed at the  $i$ th destination and stayed in hotels

$n_i^{FT-f}$  = No. of visits by foreign tourists surveyed at the  $i$ th destination and staying with friends and relatives

$n_i^{FT-o}$  = No. of visits by foreign tourists surveyed at the  $i$ th destination and stayed at other accommodation units.

$n_i^{FS}$  = **No. of visits by foreign same day visitors surveyed at the  $i$ th destination on all days of survey at all entry points at all hours;**

$n_i^F$  = No. of visits by all foreign visitors surveyed at the  $i$ th destination on all days of survey at all entry points at all hours;  
 $= n_i^{FT} + n_i^{FS}$

$N_i^{DT}(s)$  = **Total number of visits by domestic tourists at the  $i$ th destination on all days of survey;**



$N_i^{DT-h}(s) =$  Total number of visits by domestic tourists at the  $i$ th destination who stayed in hotels

$N_i^{DT-f}(s) =$  Total number of visits by domestic tourists at the  $i$ th destination and staying with friends and relatives

$N_i^{DT-o}(s) =$  Total number of visits by domestic tourists at the  $i$ th destination and stayed at other accommodation units

$N_i^{DS}(s) =$  **Total number of visits by domestic same day visitors at the  $i$ th destination on all days of survey;**

$N_i^D(s) =$  **Total no. of visits by domestic visitors at the  $i$ th destination on all days of survey**  
 $= N_i^{DT}(s) + N_i^{DS}(s)$

$N_i^{FT}(s) =$  **Total number of visits by foreign tourists at the  $i$ th destination on all days of survey;**

$N_i^{FT-h}(s) =$  Total number of visits by foreign tourists at the  $i$ th destination and stayed in hotel

$N_i^{FT-f}(s) =$  Total number of visits by foreign tourists at the  $i$ th destination staying with friends and relatives

$N_i^{FT-o}(s) =$  Total number of visits by foreign tourists at the  $i$ th destination and stayed at other accommodation units

$N_i^{FS}(s) =$  **Total number of foreign same day visitors at the  $i$ th destination on all days of survey;**

$N_i^{F(s)} =$  **Total no. of visits by foreign visitors at the  $i$ th destination on all days of survey**  
 $= N_i^{FT}(s) + N_i^{FS}(s)$

$N_i^{DT} =$  **Total number of domestic tourists at the  $i$ th destination during the month**

$N_i^{DT-h} =$  Total number of visits by domestic tourists at the  $i$ th destination during the month and stayed in hotel

$N_i^{DT-f} =$  Total number of visits by domestic tourists at the  $i$ th destination during the month and staying with friends and relatives

$N_i^{DT-o} =$  Total number of visits by domestic tourists at the  $i$ th destination during the month and stayed at other accommodation units

$N_i^{DS} =$  **Total number of visits by domestic same day visitors at the  $i$ th destination during the month;**

$N_i^D =$  **Total number of visits by all domestic visitors at the  $i$ th destination during the month;**  
 $= N_i^{DT} + N_i^{DS}$

$N_i^{FT} =$  **Total number of visits by foreign tourists at the  $i$ th destination during the month;**

$N_i^{FT-h}$  = Total number of visits by foreign tourists at the  $i$ th destination during the month and stayed in hotel

$N_i^{FT-f}$  = Total number of visits by foreign tourists at the  $i$ th destination during the month and staying with friends and relatives

$N_i^{FT-o}$  = Total number of visits by foreign tourists at the  $i$ th destination during the month and stayed at other accommodation units

$N_i^{FS}$  = **Total number of visits by foreign same day visitors at the  $i$ th destination during the month;**

$N_i^F$  = **Total number of visits by all foreign visitors at the  $i$ th destination during the month;**

$$= N_i^{FT} + N_i^{FS}$$

$N_i$  = Total number of visits at the  $i$ th destination during the month

$$= N_i^{DT} + N_i^{DS} + N_i^{FT} + N_i^{FS}$$

$$= N_i^D + N_i^F$$

From the survey at the destination, following distribution is available:

Domestic	Foreign
$n_i^{DT-h}$	$n_i^{FT-h}$
$n_i^{DT-f}$	$n_i^{FT-f}$
$n_i^{DT-o}$	$n_i^{FT-o}$
$n_i^{DS}$	$n_i^{FS}$

The estimation of number of visits at the three distinct types of destinations will be as follows:

**Case I: Non-ticketed destinations**

In this case, it may be observed that

- i)  $N_i$  is not available;
- ii)  $N_i^D(s)$  and  $N_i^F(s)$  are to be estimated by a count of visitors;
- iii) An estimate of  $N_i$  is given by

$$N_i = [N_i^D(s) + N_i^F(s)] \times \text{No. of days in the month} / d_i ; \quad (d_i = 7)$$

- iv) Estimates of  $N_i^D$  and  $N_i^F$  are given by

$$N_i^D = N_i^D(s) \times \text{No. of days in the month} / 7$$

$$N_i^F = N_i^F(s) \times \text{No. of days in the month} / 7$$

- v) Estimates for tourists and same day visitors will be obtained as

$$\begin{aligned} N_i^{DT-h} &= \left[ \frac{n_i^{DT-h}}{n_i^D} \right] \cdot N_i^D & N_i^{FT-h} &= \left[ \frac{n_i^{FT-h}}{n_i^F} \right] \cdot N_i^F \\ N_i^{DT-f} &= \left[ \frac{n_i^{DT-f}}{n_i^D} \right] \cdot N_i^D & N_i^{FT-f} &= \left[ \frac{n_i^{FT-f}}{n_i^F} \right] \cdot N_i^F \\ N_i^{DT-o} &= \left[ \frac{n_i^{DT-o}}{n_i^D} \right] \cdot N_i^D & N_i^{FT-o} &= \left[ \frac{n_i^{FT-o}}{n_i^F} \right] \cdot N_i^F \\ N_i^{DS} &= \left[ \frac{n_i^{DS}}{n_i^D} \right] \cdot N_i^D & N_i^{FS} &= \left[ \frac{n_i^{FS}}{n_i^F} \right] \cdot N_i^F \end{aligned}$$

For special occasions like the Kumbh Mela, the Surajkund Mela etc., the average number of tourists per day at the respective destination is worked out based on the sample days observed during the special occasion (Mela period). The estimate of the number of tourists in that destination for the special occasion (Mela period) is obtained by multiplying the average number of tourists per day by the number of days of the special occasion. The estimates for days other than those of the special occasion in the month are obtained as usual. Monthly estimates are obtained by adding the number of tourists for Special occasion days and other days. This is explained with the help of an example in a later section.

**Case II: Destinations with common ticketing for domestic and foreign visitors**

It may be observed that

- i)  $N_i$  is available
- ii)  $N_i^D(s)$  and  $N_i^F(s)$  are to be estimated by a count of visitors.
- iii) Steps (iv) and (v) of case I are to be followed. First divide  $N_i$  into  $N_i^D$  and  $N_i^F$ , and then  $N_i^D$  into  $N_i^{DT-h}$ ,  $N_i^{DT-f}$ ,  $N_i^{DT-o}$  and  $N_i^{DS}$ , and  $N_i^F$  into  $N_i^{FT-h}$ ,  $N_i^{FT-f}$ ,  $N_i^{FT-o}$  and  $N_i^{FS}$  respectively.

### **Case III: Destinations with differential ticketing for domestic and foreign visitors**

In this case,

- i)  $N_i$ ,  $N_i^D$  and  $N_i^F$  are available.
- ii)  $N_i^D$  will be sub-divided into  $N_i^{DT-h}$ ,  $N_i^{DT-f}$ ,  $N_i^{DT-o}$  &  $N_i^{DS}$ , and  $N_i^F$  will be sub-divided into  $N_i^{FT-h}$ ,  $N_i^{FT-f}$ ,  $N_i^{FT-o}$  &  $N_i^{FS}$  as in step (v) of case I.

### **Exclusion of visitors for whom the destination is part of 'usual environment'**

In the case of a non-ticketed destination, the number of visitors, as recorded in the counting sheet, also includes persons for whom the tourist destination is part of their 'usual environment'. Such persons are not to be included for the estimation of number of visitors in the current survey. However, it is not possible to distinguish such persons while filling up the counting sheet. The number of such persons has to be assessed on the basis of the number of persons who are rejected for the short survey. For example, if 10 persons are interviewed for the short survey in a day, the investigator may actually have contacted 30 persons, with 20 being rejected for interview because the destination was part of their 'usual environment'. Then the total number of visitors to the destination would be assessed to be  $(10/30)*100\%$  of the number available from the counting sheet.

### **Estimation for a month including a special tourist Event**

For each identified destination, the list of important tourist events for the whole year, along with the corresponding time period, should be prepared in advance in consultation with the officials of State Tourism Departments.

The estimation of number of visitors for such destinations is outlined below with the help of an example:-

Suppose that the tourist destination is an important temple attracting (i) a very high number of visitors on a particular day of the week (say Monday), every week, and (ii) an exceptionally high number of visitors during a special event spanning a period of, say, 9 days of November. The field work and estimation of number of visitors in the months other than November and in the month of November would be done in different ways.

#### **For the month of November**

The field work and surveys would be done for the following 3 categories of days:-

- (a) 9 days of the special event in November
- (b) 3 (or 4) Mondays of November excluding the 9 days of the special event
- (c) 18 (or 17) remaining days of November

For (a), field work for adequate number of days (may be 2 or 3 or 4) would be done. For (b), field work would be done on 1 Monday selected as per the procedure described in the methodology note. For (c), field work would be done for 2 or 3 or 4 days depending on the number of days of field work for category (a). The estimation of number of visitors at this destination would be done separately for the three categories of days.

#### **For a month other than November (say January)**

If there are any special events in January, the survey and estimation procedure would be as for November. If there are no such special events, the month would have the following two categories of days:-

- (a) 4 (or 5) Mondays

(b) 27 (or 26) remaining days of the month

The 7 days of the survey work would be selected as per the prescribed methodology (these will include 1 Monday). The estimation of number of visitors would be done separately for the above two categories of days.

**(c) Estimation of tourists for a town in a month**

Let the tourist destinations in  $u^{\text{th}}$  town be numbered 1, 2,..... $t_u$ . [ Here , it may be noted that these destinations also include those that are not located in the town but are linked to the town from which the visitors visiting such destinations predominantly come.]

Let  $M_u$  = No. of visits by visitors to tourist destinations in the  $u^{\text{th}}$  town in the month

$M_u^{\text{DT-h}}$  = No. of visits by domestic tourists staying in hotels to tourist destinations in the  $u^{\text{th}}$  town in the month.

Similarly, define  $M_u^{\text{DT-f}}$ ,  $M_u^{\text{DT-o}}$ ,  $M_u^{\text{DS}}$ ,  $M_u^{\text{DT}}$ ,  $M_u^{\text{D}}$ , and  $M_u^{\text{FT-h}}$ ,  $M_u^{\text{FT-f}}$ ,  $M_u^{\text{FT-o}}$ ,  $M_u^{\text{FS}}$ ,  $M_u^{\text{FT}}$ ,  $M_u^{\text{F}}$

Then,

$$M_u^{\text{DT-h}} = \sum_{i=1}^{t_u} N_i^{\text{DT-h}}$$

$$M_u^{\text{DT-f}} = \sum_{i=1}^{t_u} N_i^{\text{DT-f}}$$

$$M_u^{\text{DT-o}} = \sum_{i=1}^{t_u} N_i^{\text{DT-o}}$$

$$M_u^{\text{DT}} = M_u^{\text{DT-h}} + M_u^{\text{DT-f}} + M_u^{\text{DT-o}}$$

$$M_u^{\text{DS}} = \sum_{i=1}^{t_u} N_i^{\text{DS}}$$

$$M_u^{\text{D}} = M_u^{\text{DT}} + M_u^{\text{DS}}$$

$$M_u^{\text{FT-h}} = \sum_{i=1}^{t_u} N_i^{\text{FT-h}}$$

$$M_u^{\text{FT-f}} = \sum_{i=1}^{t_u} N_i^{\text{FT-f}}$$

$$M_u^{\text{FT-o}} = \sum_{i=1}^{t_u} N_i^{\text{FT-o}}$$

$$M_u^{\text{FT}} = M_u^{\text{FT-h}} + M_u^{\text{FT-f}} + M_u^{\text{FT-o}}$$

$$M_u^{\text{FS}} = \sum_{i=1}^{t_u} N_i^{\text{FS}}$$

$$M_u^{\text{F}} = M_u^{\text{FT}} + M_u^{\text{FS}}$$

$$M_u = M_u^D + M_u^F$$

**(d) Estimation for a District in a month**

Let  $Q^{DT-h}$  = No. of visits by domestic visitors at tourist destinations **in all the surveyed towns** in the district in the month who stayed in hotels.

Similarly, define  $Q^{DT-f}, Q^{DT-o}, Q^{DS}, Q^{DT}, Q^{FT-h}, Q^{FT-f}, Q^{FT-o}, Q^{FS}, Q^{FT}$

Then,

$$Q^{DT-h} = \sum_{u=1}^t M_u^{DT-h}$$

$$Q^{FT-h} = \sum_{u=1}^t M_u^{FT-h}$$

$$Q^{DT-f} = \sum_{u=1}^t M_u^{DT-f}$$

$$Q^{FT-f} = \sum_{u=1}^t M_u^{FT-f}$$

$$Q^{DT-o} = \sum_{u=1}^t M_u^{DT-o}$$

$$Q^{FT-o} = \sum_{u=1}^t M_u^{FT-o}$$

$$Q^{DS} = \sum_{u=1}^t M_u^{DS}$$

$$Q^{FS} = \sum_{u=1}^t M_u^{FS}$$

$$Q^{DT} = Q^{DT-h} + Q^{DT-f} + Q^{DT-o}$$

$$Q^{FT} = Q^{FT-h} + Q^{FT-f} + Q^{FT-o}$$

Let  $Q^{*DT-h}$  = No. of visits by domestic visitors at tourist destinations **in the district** in the month who stayed in hotels.

Similarly define  $Q^{*DT-f}, Q^{*DT-o}, Q^{*DS}, Q^{*DT}$  and  $Q^{*FT-h}, Q^{*FT-f}, Q^{*FT-o}, Q^{*FS}, Q^{*FT}$  Then,  $Q^{*DT-h} = Q^{DT-h}$ , and so on.

Let  $Q^{\#DT-h}$  = No. of visitors who visited tourist destinations in the district and stayed in hotels.

Similarly, define  $Q^{\#DT-f}, Q^{\#DT-o}, Q^{\#DS}, Q^{\#DT}$  and  $Q^{\#FT-h}, Q^{\#FT-f}, Q^{\#FT-o}, Q^{\#FS}, Q^{\#FT}$

Then,

$$\begin{aligned} Q^{\#DT-h} &= Q^{*DT-h} / a^{DT-h-l} & Q^{\#FT-h} &= Q^{*FT-h} / a^{FT-h-l} \\ Q^{\#DT-f} &= Q^{*DT-f} / a^{DT-f-l} & Q^{\#FT-f} &= Q^{*FT-f} / a^{FT-f-l} \\ Q^{\#DT-o} &= Q^{*DT-o} / a^{DT-o-l} & Q^{\#FT-o} &= Q^{*FT-o} / a^{FT-o-l} \\ Q^{\#DS} &= Q^{*DS} / a^{DS-l} & Q^{\#FS} &= Q^{*FS} / a^{FS-l} \end{aligned}$$

### (e) Estimation of total visitors in the district

In the steps mentioned above, only leisure tourists (those visiting the destinations) have been estimated. However, visitors also include non-leisure visitors. Estimation of number of non-leisure visitors in a district would be done as follows.

Let  $R^{DT-h}$  = No. of non-leisure visitors in the district staying in hotels.

Similarly, define  $R^{DT-f}$ ,  $R^{DT-o}$ ,  $R^{DS}$ ,  $R^{DT}$  and  $R^{FT-h}$ ,  $R^{FT-f}$ ,  $R^{FT-o}$ ,  $R^{FS}$ ,  $R^{FT}$ .

Then  $R^{DT-h}$  is estimated using the following expression:

$$R^{DT-h} = \frac{[Q^{\#DT-h} + Q^{\#DT-f} + Q^{\#DT-o}]}{[x^{DT-h-l} + x^{DT-f-l} + x^{DT-o-l}]} \times x^{DT-h-nl}$$

Similarly, estimate  $R^{DT-f}$ ,  $R^{DT-o}$  and  $R^{FT-h}$ ,  $R^{FT-f}$ ,  $R^{FT-o}$ .

Then  $R^{DT-h}$  is estimated using the following expression:

$$R^{DS} = \frac{[Q^{\#DS}]}{[x^{DS-l}]} \times x^{DS-nl}$$

$$R^{DT} = R^{DT-h} + R^{DT-f} + R^{DT-o}, R^D = R^{DT} + R^{DS}$$

$$R^{FT} = R^{FT-h} + R^{FT-f} + R^{FT-o}, R^F = R^{FT} + R^{FS}$$

Let  $S^{DT-h}$  = No. of all (leisure as well as non-leisure) visitors in the district staying in hotels

Similarly, define  $S^{DT-f}$ ,  $S^{DT-o}$ ,  $S^{DS}$ ,  $S^{DT}$  and  $S^{FT-h}$ ,  $S^{FT-f}$ ,  $S^{FT-o}$ ,  $S^{FS}$ ,  $S^{FT}$ .

The total no. of visitors in the district for different categories is then obtained as the sum of leisure and non-leisure visitors of the respective categories. That is,

$$S^{DT-h} = Q^{\#DT-h} + R^{DT-h}, \text{ and so on.}$$

### (f) Estimation of visitors at the State level

District level estimates are added to obtain the state level estimates.