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জয়পুরহাট  
District Statistics 2011  
Joypurhat

December 2013



**BANGLADESH BUREAU OF STATISTICS (BBS)**  
**STATISTICS AND INFORMATICS DIVISION (SID)**  
**MINISTRY OF PLANNING**  
**GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH**

# **District Statistics 2011**

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COMPLIMENTARY

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## Foreword

I am delighted to learn that Bangladesh Bureau of Statistics (BBS) has successfully completed the ‘District Statistics 2011’ under Medium-Term Budget Framework (MTBF). The initiative of publishing ‘District Statistics 2011’ has been undertaken considering the importance of district and upazila level data in the process of determining policy, strategy and decision-making. The basic aim of the activity is to publish the various priority statistical information and data relating to all the districts of Bangladesh. The data are collected from various upazilas belonging to a particular district.

The Government has been preparing and implementing various short, medium and long term plans and programs of development in all sectors of the country in order to realize the goals of Vision 2021. For any pragmatic approach in formulating and evaluating development plans and programs reliable statistics are indispensable. BBS has been performing the major responsibility of supplying comprehensive and accurate statistics at the national level.

The present government, in line with its commitment to decentralize administration, has declared upazila as the focal point of administration regenerating upazila parishad through participatory elections. However, upazila level official statistics are still very inadequate. It is praiseworthy that BBS has undertaken timely program of publishing ‘District Statistics 2011’ where data representing socio-economic characteristics of upazilas of all districts will be available. I am confident that this publication will be of invaluable help to the planners, administrators, researchers, field level officers as well as other users. Various government, non-government and international organizations closely related to policy formulation and implementation may also find this publication useful.

I sincerely thank Mr. Golam Mostafa Kamal, Director General, BBS for bringing out the publication of ‘District Statistics 2011’. I hope that in future ‘District Statistics’ will be published in much more improved form to make it more effective and informative.

Dhaka  
December, 2013

**(Md. Nojibur Rahman)**  
Secretary  
Statistics and Informatics Division  
Ministry of Planning  
Government of the People’s Republic of  
Bangladesh





## **Preface**

The 'District Statistics 2011' is mainly a compilation work of Bangladesh Bureau of Statistics (BBS). The decentralization policy of government has enhanced demand for timely, qualitative and comprehensive statistical data both for administrative and development requirements. The major regular publications of Bangladesh Bureau of Statistics like Statistical Pocketbook of Bangladesh, Statistical Yearbook of Bangladesh and Agricultural Yearbook of Bangladesh provide aggregate data mainly at the national and regional level. Data for smaller administrative unit like upazila often remains absent in such publications. The 'District Statistics 2011' emphasises to provide upazila level data.

The 'District Statistics 2011' provides both structural and flow-type information of almost all of the priority sectors of our national economy depending on data availability both from published and unpublished sources.

The publication of 'District Statistics 2011' would have not been feasible without the wholehearted co-operation of the various government, semi-government, autonomous, non-government offices and other organizations. In particular, the district and upazila level officials extended their total support and supplied all data. I like to express my sincere thanks to them and hope such co-operation will continue in future.

I am obliged and grateful to Mr. Md. Nojibur Rahman, Secretary, Statistics and Informatics Division (SID) for his enormous support and advice to prepare and to finalize this important publication. My sincere thanks also go to all officers of SID for their wholehearted support and sincere co-operation towards accomplishing this document.

I acknowledge the contributions of Mr. Md. Mizanur Rahman, Deputy Director General, BBS and Mr. Ghose Subobrata, Director, FA & MIS, BBS during development of the Document.

The regional and upazila statistics officers of BBS actively participated in preparation of the report. I thank them all. Finally, I thank Mr. Iftekhairul Karim, Focal Point Officer and Mr. Nasir Uddin Ahmmed, Deputy Director & Ex.Focal Point Officer as well as staff members of Bangladesh Bureau of Statistics for their untiring efforts in making the 'District Statistics 2011' a success. Through user's interaction and feedback, we hope to improve the coverage and quality of information contained in this edition. Any suggestion for improvement of the publication will be highly appreciated.

Dhaka  
December, 2013

**(Golam Mostafa Kamal)**  
(Additional Secretary)  
Director General  
Bangladesh Bureau of Statistics



## **Acknowledgement**

The report on ‘District Statistics 2011’ is the result of the initiative of the honorable Secretary, Statistics and Informatics Division (SID). Ex-Director General Mr. Md. Shahjahan Ali Mollah and the present Director General Mr. Golam Mostafa Kamal of Bangladesh Bureau of Statistics (BBS) have guided us in every steps of the journey to whom we remain grateful.

All the data providers of different offices/organizations of respective district and upazila deserve special thanks for their cooperation. We will be in need of such cooperation in future too and hope that the same hospitality will be received from them again.

I gratefully acknowledge the contribution of all members of Editors’ Forum and also of Project Directors’ Forum of BBS in editing this compilation work.

I acknowledge the contribution of Begum Aziza Parvin, Director, Computer Wing, Mr. Md. Mofizul Islam, Programmer and the members of data entry team.

I would like to thank Mr. Iftekhairul Karim, Focal Point Officer for his rigorous exercise and valuable contribution in bringing out this publication. I also acknowledge the hard work of Mr. Nasir Uddin Ahmmed, Deputy Director & Ex-Focal Point Officer for this activity. My sincere thanks also go to the respective Regional Statistical Officers, Upazila Statistical Officers and the employees of BBS.

I acknowledge the work of Mr. Md. Abdul Mannan, Administrative Officer, Mr. Mohammad Abdullah, Assistant Statistical Officer, Mr. Md. Monzurul Islam, Assistant Statistical Officer and Mr. Md. Yeasin Miah, Statistical Investigator for their sincere assistance to the Focal Point Officer in many possible ways. Officers and staff of Reproduction, Documentation and Publication Section of FA & MIS have contributed in printing the report in possible shortest time.

Finally, I want to be submissive that this work of compiling data from various secondary sources at district and upazila level is undertaken after a long time gap of almost 25 years. Some errors or unwilling mistakes may remain there in spite of our full hearted endeavor to make it an error free publication. It will be highly appreciated if any user kindly communicates any shortcomings of the report.

Dhaka  
December, 2013

**Ghose Subabrata**  
Director  
Finance, Administration & MIS  
Bangladesh Bureau of Statistics





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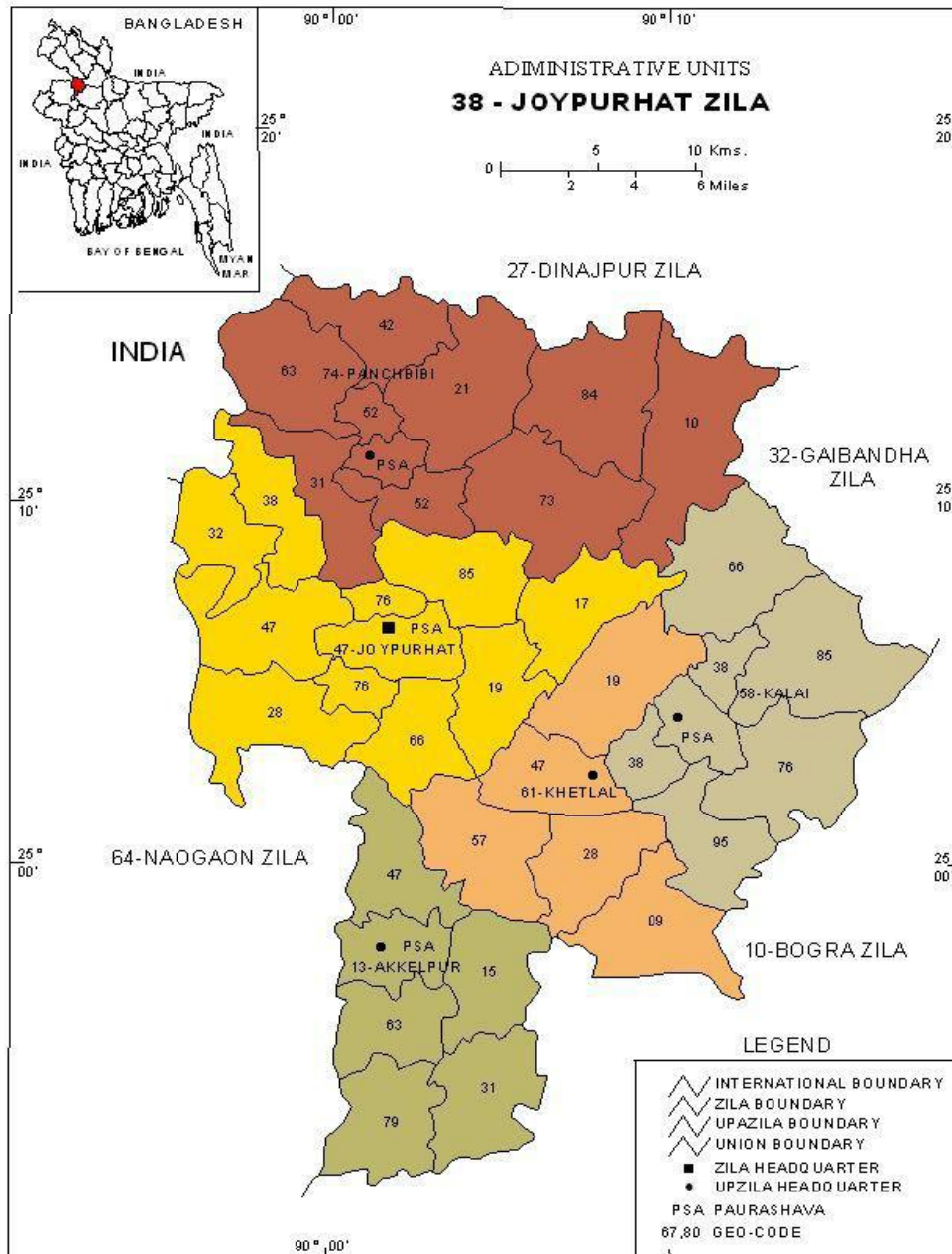
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- 31 – Raikali Union
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- 63 – Sonamukhi Union
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### Akkelpur Paurashava

- 01 – Ward No – 01
- 02 – Ward No – 02
- 03 – Ward No – 03
- 04 – Ward No – 04
- 05 – Ward No – 05
- 06 – Ward No – 06
- 07 – Ward No – 07
- 08 – Ward No – 08
- 09 – Ward No – 09

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- 17 – Amdai Union
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- 66 – Jamalpur Union
- 76 – Mohammadabad Union
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### Joypurhat Paurashava

- 01 – Ward No – 01
- 02 – Ward No – 02
- 03 – Ward No – 03
- 04 – Ward No – 04
- 05 – Ward No – 05
- 06 – Ward No – 06
- 07 – Ward No – 07
- 08 – Ward No – 08
- 09 – Ward No – 09

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### Kalai Paurashava

- 01 – Ward No – 01
- 02 – Ward No – 02
- 03 – Ward No – 03
- 04 – Ward No – 04
- 05 – Ward No – 05
- 06 – Ward No – 06
- 07 – Ward No – 07
- 08 – Ward No – 08
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- 63 - Dharanji Union
- 73 - Kussumba Union
- 84 - Mohammadpur Union

### Panchbibi Paurashava

- 01 - Ward No - 01
- 02 - Ward No - 02
- 03 - Ward No - 03
- 04 - Ward No - 04
- 05 - Ward No - 05
- 06 - Ward No - 06
- 07 - Ward No - 07
- 08 - Ward No - 08
- 09 - Ward No - 09



# **CHAPTER 1**

## **Introduction**



## District at a Glance

**Background, Geographic Area and location:** Joypurhat was formerly a sub-division of Bogra district. It became a sub-division in 1980 and was upgraded to a district in 1982. The name of the district Joypurhat was probably given by the name of **Joy Paul**, a Paul king whose capital was at Paharpur, a few kilometers away from the district headquarters. It is bounded on the north by Dinajpur district, on the east by Gaibandha and Bogra districts, on the south by Bogra and Naogaon districts, on the west by Naogaon and India. Joypurhat district lies between 25° 51' and 25° 17' north latitudes and between 88° 55' and 88° 17' east longitudes. The total area of the district is 1012.41sq.km.

**Annual Average Temperature and Rainfall:** Annual average temperature of this district varies from maximum 34.68° c, to minimum 11.9° c. Annual average rainfall is 1610mm.

**Main Rivers:** Little Jamuna, Tulshiganga and Haramati are the main rivers flowing over this district.

**Administration:** Joypurhat was the only subdivision of the greater Bogra district. It has been turned into district in 1982. The district consists of 5 upzilas, 32 union, 719 mauzas, 896 villagues, 5 paurasavhasl, 45 wards and 120 mahallas. The upzilas are Joypurhat Sadar, Akkelpur, Kalai, Khetlal and Panchbibi.

**Population and other characteristics:** Total population of Joipurhat district is 9,13768. Out of total population male is 4,59,284 and female is 4,54,484. The literacy rate of Joipurhat district is 57.5%, male is 61.4% and female is 53.5%.

**Main crops:** Aman, Boro Paddy, potato, Sugarcane, banana, jute, turmeric, mustard seed and vegetables are the main crops of this district.

**Main fruits:** Banana, mango, Jackfruit, black berry, litchi, guava, papaya, olive, coconut, pineapple, sofeda are grown in Joypurhat.

**Industry:** There are manufacturing industries like sugar mill, limestone and cement factory, coal factory, textile mill, pharmaceutical industry, rice mill, flour mill situated in this district.

**Economic Situation:** The economy of Joypurhat is predominantly agricultural. Out of total 229,123 holdings of the district, 64.86% household are farms that produce varieties of crops namely local and HYV rice, wheat, vegetables, jute, pulses spices, cash crops, oilseeds, maize and others. Various fruits like pineapple, banana, jackfruit, mango, guava, coconut, papaya, palm, lichi, blackberries, dates etc. are also grown in the district. Fish of different varieties are caught from rivers, tributary channels and creeks and even from paddy fields during rainy season. Besides crops, livestock and fishery are the main source of household income.

Non-farm activities also play an important role in the economy of Joypurhat district. The following table1: shows total establishments in the urban and rural areas and persons engaged by sex and activity in Joypurhat.

**Table 1: Number of Establishments and Persons Engaged by Activity**

Activity	Establishments			Persons Engaged		
	Total	Urban	Rural	Total	Male	Female
Mining and quarrying	3	2	1	7	6	1
Manufacturing	3384	716	2668	16078	13208	2870
Electricity, gas and water supply	6	2	4	225	171	54
Construction	10	10	0	47	40	7
Wholesale & retail trade	15691	4632	11059	27648	25660	1988
Hotels and restaurants	1056	353	703	3172	2936	236
Transport, storage and communication	276	119	157	1321	1293	28
Bank, insurance and financial institution	264	105	159	2377	2061	316
Real estate and renting	298	234	64	604	594	10
Public administration and defense	245	182	63	2637	2414	223
Education	1369	192	1177	7819	6160	1659
Health and social work	559	167	392	2248	1658	590
Community, social and personal services	3965	707	3258	7102	6664	438
<b>Joypurhat District</b>	<b>27126</b>	<b>7421</b>	<b>19705</b>	<b>71285</b>	<b>62865</b>	<b>8420</b>

Source: Census of Non-farm Economic Activities 2001-03

According to the above table, there are 27126 establishments in the district in which 71285 persons are engaged in different types of non-farm activities. Female participation in non-farm activities is very poor. This constitutes about 11.81% as against 88.19% of the males. Wholesale & retail trade emerges as the single largest activity (57.84%) with 15691 establishments and 27648 persons engaged (38.79%) in Joypurhat district.

## Flora and Fauna

**Flora:** Joypurhat which partly belongs to the southern ‘Barendra Bhumi’ and partly belonging to the great alluvial plain formed under the influence of the Teesta and the Jamuna, is very rich in respect of varieties of flora and fauna. It has also some influence of the ‘Barind Tract’ of Bogra district.

It appears from early literature that the district of Joypurhat was more forested and less populated in the past than today and consequently it had a rich flora in the past. But with the passage of time, much of the forests have disappeared as a result of expansion of agriculture and human habitation.

In the farmlands, varieties of crops namely local and HYV rice, jute, vegetables, spices, pulses, oilseed, cotton, sugarcane, etc. are produced. Rice covers about 79.27 percent of the gross temporary cropped area. The district is very famous for modern irrigation and scientific cultivation system.

The district is very fairly wooded and many valuable forest trees are indigenous to it. Foremost among these is shal (*shorea robusta*). There are other spices such as koroy, sheelkoroy (*Albizzia procera*), bot (*Ficus begalensis*), paku (*Ficus infectoria*), pipul (*Ficus religiosa*) pakur (a beautiful tree with descending branch roots and white fruit), badam (*Arachis hypogea*), mahgoni (*Swietenia macrophylla*) sonalu (*Cassia fistula*), gab (*Diospyros precatorius*), kadam (*Anthocephalus cadamba*), tamarind/tetul (*Tamariandus indica*), Shimul (*Bombax ceiba*), hartaki (*Terminalia chebula*), sissoo (*Dalbergi sissoo*), gamar (*Gmelina arborea*) and several species of acacia. Clumps

of bamboos are very common and found almost in every homestead forest. Besides, a number of other trees used for timber and fuel wood are abundantly available.

Most of the trees grown in homestead forests are fruit bearing. The fruit trees indigenous to Joypurhat are mango, (*Mangifera indica*), guava (*Psidium guajava*), black berry/jam (*Syzygium cumini*), custard apple (*Annona reticulate*) tamarind (*Tamarindus indica*), pumela, jackfruit (*Artocarpus heterophyllus*), papaya (*Carica papaya*), pineapple (*Ananas comosus*), banana (*Musa sapientum*), coconut (*Coccoloba nucifera*), lichee (*Litsea chinensis*), dalim (*Punica granatum*), dateplam/khejur (*Phoenix sylvestris*) dumur (*Ficus sp.*), haritaki, palm/tal (*Borassus flabellifer*) etc. mango (*Mangifera indica*) jackfruit, and banana are abundantly available.

A large variety of medicinal plants are also available in the district. These are jaiphal (*Croton tiglium*), akanda (*Calotropis gigantea*), dhatura (*Datura metel*), amlaki (*Phyllanthus emblica*), Okalmi (*Pharbitis 0*), somraj (*Cenpranthera sispida*), haritaki (*Terminalia chebula*), neem (*Azadirachta indica*) etc.

Old river beds, ponds and marshes and streams with sluggish current have a copious vegetation of vallisneria and other plants. Land subject to inundation has usually a covering of tamarist and reedy grasses, and in some part where the ground is more or less marshy, (*Rosa Involucrata*) is plentiful. The greater portion of the surface is covered with grasses, the commonest of these being imperata, arundinacea and chrysopogon aciculatus.

In addition, flower plants like rajani gandha as well as different varieties of roses are cultivated in the area. Other flower plants such as gandharaj (*Gardenia augusta*), beli (*Jasminum scandens*), hasnahena (*Cestrum nocturnum*), kamini (*Murraya paniculata*), holde korobi (*Thebetia peruviana*) etc. are also grown at the homesteads.

**Fauna:** Early records show that larger mammals like tiger, buffalo, wild boars, etc. had a wide distribution in the district of Joypurhat till the end of the 19<sup>th</sup> century. But these have completely disappeared. Jackals, foxes, etc. are still present but their number is dwindling very fast. Large Indian civet or bagdas (*Viverra zibetha*), ottar or ud (*Lutra perspicillata*), kat biral (*collosciurus pygerythrus*), Bengal mongoose or beji (*Herpestes edwardsi*), are still seen. Other mammals like squirrels, different species of rats, mice, shrews and monkeys still occur in suitable places.

Almost all varieties of birds that are seen all over Bangladesh are also commonly seen in Joypurhat. raptorial birds include king vulture or shakun (*Gyps bengalensis*), Lanner Falcon or baj (*Falco biarmicus*), marsh harrier or gochila (*Circus aeruginosus*), pariah kile or cheel (*Milvus migrans*), several species of stork, crows, king fisher, etc.

Many kinds of colorful and singing birds are seen in the district. These include national bird magpie robin or doyel (*Copsychus saularis*), kuckoo/Kokil (*Cuculus micropterus*), oriole or halde pakhi (*Oriolus xanthornus*), kingcrow or finga (*Dicurus macrocercus*), tia (*Psillcula krameri*), machranga (*Alcedo atthis*), bhat Shalik (*Acridotheres tristis*), bulbuli (*Picnonotus cafer*), crow (*Corvus splendens*), doyel (*Copsychus saularis*), mayna (*Sturnus malabarica*), shyama (*Copsychus malabaricus*), flowerpecker (*Dicacum erythrochynchos*), babui (*Ploceus phillippinus*) for artistic nest building on the branches of high palm trees), bau-katha-kao, chandana, koel, khanjani, and several species of pheasant, quails, pigeons and doves, herons, waders, cuckoos, owls and nightjar, king fishers and bee-eaters, barbets and woodpeckers, etc. Some migratory birds like rajhans and balihans are seen during winter season.

The reptiles include the monitor lizard (*Hemidactylus brooki*), other lizards, skinks, freshwater tortoises and turtles and different species of poisonous and non-poisonous snakes. The snakes that are usually found here are ghargini shap (*Lycodon jara*), dhora shap (*Xenocrophis piscator*), mete shap (*Micropisthodon plumbicolor*), daraj (*Ptyas mucous*), jait shap (*Naja kaouthia*), tiktiki (*Hemidactylus brooki*) etc. frogs (*Bufo melanostictus*) and toads (*bufo*) are widely distributed in the district.

Fishes are abundant being represented by the members of all the major families found elsewhere in Bangladesh. However, their number is decreasing due to wide spread use of insecticides and pesticides for agricultural purposes and also due to over catching. The following is a list of the principal fishes found in the rivers and ponds of Joypurhat: gajar (*Channa marulius*), shol (*Channa striatus*), taki (*Channa punctatus*), koi (*Anabas testudineus*), khalisha (*Colisa fasciatus*), ruhi (*Labeo rohita*), kalbaush (*Labeo calbasu*), katla (*Catla catla*), mrigel (*Cirrhinus mrigala*), puti (*Barbus punctius*), boal (*Wallagonia attu*), shing (*Heteropneustes fossilis*), magur (*Clarias batrachus*), chital, (*Notopterus chitala*), dhain, baghair (*Bagarius yarrellii*), airh (*Mystus aor*), tengra (*Mystus vittatus*) pangas (*Pangasius pangasius*), pabda (*Ompok pabda*), gagot., bain, bheda, ghagot, chapila, (*Gudusia chapra*), kachki, bagair, etc. Small frys of the major carps knows as naula are available in large quantities.

In addition, crabs, shrimps and prawn also form an important part of the fisheries resources. Exotic fishes like grass carp (*Cteopharynagodon idella*), silver carp (*Hypophthalmicthys molitrix*), telapia (*Oreochromis mossambicus*), Ootica (*Oreochromis Ooticus*), etc. have also been introduced for commercial pisciculture in ponds and tanks.

## Concepts and Definitions

### 1. Population and Housing Census 2011

The population and housing census is the unique source of reliable and comprehensive data about the size of the population of the country, major socio-economic and socio-demographic characteristics.

It is the total process of collecting, compiling, evaluating, analyzing and publishing or otherwise disseminating demographic, economic and social data pertaining, at a specified time, to all persons in a country. The essential features of a population census are individual enumeration, universality within a defined territory, simultaneity and defined periodicity.

The population and housing census provides information on the geographic and administrative distribution of the population and household in addition to the demographic and socioeconomic characteristics of all the people in the country. The data from the census are classified, tabulated and disseminated so that political leaders, election officials, planners, national organizations including NGOs and civil society, regional and international organizations can use the data in decision-making.

The purpose of community report is to disseminate census data by communities (ward/mahalla in urban area and union/mauza/village in rural area). Data on all key variables namely area, household, population by sex and age group, ethnic population, literacy rate, marital status, school attendance, employment status and religion as well as physical facilities such as source of drinking water, sanitation, electricity and dwelling units have been presented in this report. The planners, researchers and policy makers as well as development partners and community administrators will find this report as a valuable reference for use in advising plans and programs for advancing welfare and well-being of the common people, in particular and the community in general.

#### Household

Persons, either related or unrelated, living together and taking food from the same kitchen constitute a household. A single person living and eating alone forms one-person household.

#### Literacy

It denotes ability to write a letter in any language. Literacy status assessment is made for population 7 years and over.

#### Community

It refers to the following five lower geographic, administrative or revenue units:

- i) **Union:** Smallest administrative rural geographic unit comprising of mauzas and villages and having union parishad institution.
- ii) **Mauza :** Mauza is the lowest administrative unit having a separate jurisdiction list number (J.L. No.) in revenue records. Every mauza has its well-demarcated cadastral map. Mauza should be distinguished from local village since a mauza may consist of one or more villages.
- iii) **Village:** Lowest rural geographic unit either equivalent to a mauza or part of a mauza.
- iv) **Ward:** Smallest administrative urban geographic unit comprising of mahallas and having ward council institution.
- v) **Mahalla:** Lowest urban geographic unit having identifiable boundaries.

## Urban Area

It corresponds with area developed around a central place having such amenities as metalled roads, improved communication, electricity, gas, water supply, sewerage, sanitation and also having comparatively higher density of population with majority population in non-agricultural occupations.

**i) City Corporation:** It includes city corporation area declared by the Ministry of Local Government.

**ii) Paurashava/Municipality Area:** It includes paurashavas incorporated and administered by local government under Paurashava Ordinance, 1977.

## 2. Agriculture Census year and reference period

The census year extends over twelve consecutive months having for different census items the different reference periods or days of data collections. Some items have a year or week reference period. Some others have a specific reference day.

The census year covered twelve months from 1 Baishak to 30 Choitra, 1414 Bangla Shal (BS). This year was the reference period for such census items as operated land use, crops, agriculture employment, livestock & poultry deaths and agriculture loan. A single reference day was used for items like holdings, farm size, land tenure, farm population, livestock & poultry inventories and agriculture implements.

The different census items by their reference periods or days are shown below:

### Agriculture holding

An agriculture holding is a techno-economic unit of agricultural production under single management comprising all livestock kept and all land used wholly or partly for agricultural production purposes without regard to title, legal form or size. Single management may be exercised by either an individual holder or jointly by two or more individuals or holders or by a judicial person such as a corporation, co-operative or government agency. A holding may consist of one or more parcels (fragments of land) located in one or more areas or mauzas or in more than one administrative unit or division provided that all separate parcels of fragments form parts of same technical unit under operational control of same management.

The definition covers practically all holdings/households engaged in agricultural production of both crops and livestock. Some agriculture holdings may have no significant agricultural land, e.g. holdings keeping livestock, poultry and hatcheries for which land is not an indispensable input for production.

### Farm holding

A farm holding is defined as being an agricultural production unit having cultivated land equal to or more than 0.05 acres. Farm holdings are classified into following three broad groups:

- (a) **small:** Farm holdings having minimum cultivated land 0.05 acre but operated land more than this minimum but upto 2.49 acres.
- (b) **medium:** Farm holdings having operated land in between 2.50 to 7.49 acres.
- (c) **large:** Farm holdings having operated land 7.50 acres and above.



Small cultivated land 0.04 acre or less is generally used for kitchen garden growing mainly vegetables. Often seeds of white gourd, water gourd, pumpkin and other strains are sown on households; but these creepers spread out around house roofs and other structures. As such, the minimum cultivated land considered for qualifying to be a farm holding is 0.05 acres.

### **Non-farm holdings**

A non-farm holding is defined as being the one which has neither cultivated nor operated land or has cultivated land less than 0.05 acre.

### **Tenancy**

Owner holdings are those having and operating their owned land and who may or may not be leasing out land.

Tenant holdings are those having no owned land but operating land taken from others on share cropping basis or on other terms.

Owner-cum-tenant holdings are those having owned land and who may or may not be leasing out their own land to others and who may be taking land from others on share cropping basis or on other terms.

### **Agriculture work**

Agriculture work signifies all activities of holder and his/her labour force doing planning, management, and operation of a holding. It includes land preparation, sowing, weeding, harvesting, feeding and tending livestock & poultry, kitchen gardening, supervising agricultural workers, keeping farm records & accounts, preparing agriculture products for marketing (including packaging), repairing farm equipment, constructing farm buildings & fences, and engaging in land reclamation and improvement and other related activities. It excludes home and other family domestic chores.

### **Area under pond**

The pond area remains under water almost through out the year. Normally, households use pond water for various domestic and sometimes agriculture purposes. Ponds are also generally used for fish culture.

In the census the pond area data were collected separately for both single ownership and joint ownership of households.

### **Area under temporary crops**

It is the land area planted to crops having growing cycle or length of life less than one year. These are the temporary crops such as paddy, wheat, jute, cotton, tobacco, sugarcane, pulses, oil seeds, potato, vegetables and other seasonal crops. A list of temporary crops for which data were collected separately was given in back page of "Tally Sheet". The minimum area recorded for a temporary crop was 0.01 acre. Area under temporary crops and temporary-crops net area are equivalents.

### **Area under permanent crops**

It is the land area planted to crops which remain standing for a long period of time and do not need to be replanted after a seasonal harvest. Mango, jackfruit, coconut, guava, lemon, and other fruit varieties are all permanent crops.

### **Current fallow**

It is land brought into cultivation but left out uncultivated in census year for fertility regaining and improvement or for other reasons.

### **Net cultivated area**

This is land area actually cropped during the census year regardless of number of crops grown plus current fallow. It includes areas under temporary and permanent crops and also current fallow.

### **Permanent fallow**

It is land not available for cultivation due to coming into residence and commercial & other uses. Play ground, graveyard, wild shrubs and jungles, marshy land, and the like fall in this category.

### **Irrigated area**

This is area of total land brought under irrigation coverage for growing crops with irrigations done through mechanical or manual means. Irrigated area classifications fall into two categories: (1) surface water irrigation with main water sources being rivers, canals, beels, ponds, and other water bodies; and (2) underground water irrigation with water lifted by shallow tube-wells, deep tube-wells, and country traditional devices. The irrigation equipments are run by electricity, diesel or petrol, or manual labour.

### **Cattle and Buffalo**

Cattle and buffalo heads owned by households on day of enumeration were counted.

### **Goats and Sheep**

Goats and sheep owned by households on day of enumeration were counted.

### **Fowls, Ducks and Pigeons**

Fowls, ducks and pigeons owned by households on day of enumeration were counted.

### **Temporary crops gross area**

Areas aggregated for all temporary crops grown in the census year have made **temporary crops gross area** greater than **temporary crops net area** since the latter has within it the same land cropped more than once in different seasons of a year.

### **Intensity of cropping**

It is percentage of temporary crops gross area in comparison with temporary crops net area. It is expressed as follows:

$$\text{Intensity of cropping} = \frac{\text{Temporary crops gross area}}{\text{Temporary crops net area}} \times 100$$

### **Cereals**

Main cereals are rice and then wheat. Other cereals are jab, barley, cheena, maize, kaun, bajra and joar.

### **Pulses**

Main and common pulses are gram, mung, lentil, arhar, gari kalai, khesari and pea.

### **Oil seeds**

Main oil seeds are rape and mustard, sesamum, linseed, groundnut, soybean, sunflower and castor.

### **Vegetables**

Farmers grow both summer and winter vegetables. Main vegetables are potato, brinjal, raddish, arum, lady's finger, cauliflower, cabbage, bean, tomato, patal, gourd, cucumber, pumpkin, knoll-kal-turnip, dhundal, barbati, khirai, chichinga, carrot, kakrol and sak.

### **Cash crop**

Main cash crops are jute, mesta, sunhemp, cotton, sugarcane and tobacco.

### **Spices**

The main spices include turmeric, ginger, chillies, onion, garlic, corriander, black cumin and ani seed.

### **Fuel crops**

Dhaincha and other smaller plants used as cooking-fue

Chapter sources: i) Banglapedia  
ii) Population & Housing Census 2001 and 2011  
iii) Census of Agriculture 2008  
iv) Economic Census 2001 & 2003



## **CHAPTER 2**

# **General Information**



## General Information

### 2.01 Broad classification of area 2011

Upazila	Total area	Land area	(In sq. km.)	
			Reserve forest	Riverine area
Akkelpur	154.94	154.09	0	0.85
Joypurhat sadar	236.79	235.47	0	1.32
Kalai	166.29	166.29	0	0
Khetlal	142.61	141.73	0	0.88
Panchbibi	311.77	310.97	0	0.80
<b>Total</b>	<b>1012.41</b>	<b>1008.56</b>	<b>0</b>	<b>3.85</b>

### 2.02 Number of municipality, union, mauza, mahalla and village 2011

Upazila	Municipality	Ward (PSA)	Mahalla	Union	Mauza	Village
Akkelpur	1	9	15	5	116	145
Joypurhat sadar	1	9	48	9	184	192
Kalai	1	9	34	5	109	148
Khetlal	1	9	9	5	88	155
Panchbibi	1	9	14	8	222	247
<b>Total</b>	<b>5</b>	<b>45</b>	<b>120</b>	<b>32</b>	<b>719</b>	<b>887</b>

### 2.03 Number of household, population and density 2011

Upazila	Household	Population			Sex ratio (M/F)	Average size of household	Density per sq. km.
		Male	Female	Total			
Akkelpur	36638	68333	69286	137619	99	3.75	888
Joypurhat sadar	76385	147096	141962	289058	104	3.72	1221
Kalai	38745	70860	72337	143197	98	3.69	861
Khetlal	29805	54214	54114	108326	100	3.62	760
Panchbibi	60983	118781	116787	235568	102	3.83	756
<b>Total</b>	<b>242556</b>	<b>45928</b>	<b>454486</b>	<b>913768</b>	<b>101</b>	<b>3.74</b>	<b>903</b>

### 2.04 Population and literacy rate of 1981, 1991, 2001 & 2011 and number of voter 2011

Upazila	Population (000)				Literacy rate (%)				Number of voter (000)		
	1981	1991	2001	2011	1981	1991	2001	2011	Male	Female	Total
Akkelpur	103	126	129	138	34.1	34.0	54.3	56.9	45	47	92
Joypurhat sadar	200	225	257	289	27.4	33.1	52.3	65.4	94	94	188
Kalai	97	114	129	143	21.1	23.5	40.4	49.8	47	51	98
Khetlal	79	106	116	108	21.1	25.2	45.1	53.5	35	36	71
Panchbibi	159	193	216	236	24.5	30.6	51.6	54.6	76	79	155
<b>Total</b>	<b>638</b>	<b>764</b>	<b>847</b>	<b>914</b>	<b>25.6</b>	<b>29.3</b>	<b>49.6</b>	<b>57.5</b>	<b>297</b>	<b>307</b>	<b>604</b>

### 2.05 Population by religion 2011

Upazila	Muslim	Hindu	Buddhist	Christian	Others	Total
Akkelpur	128371	8718	0	5	525	137619
Joypurhat sadar	254764	29027	2	1009	4256	289058
Kalai	136427	6660	2	22	86	143197
Khetlal	98748	9370	1	68	139	108326
Panchbibi	200925	26921	122	3718	3882	235568
<b>Total</b>	<b>819235</b>	<b>80696</b>	<b>127</b>	<b>4822</b>	<b>8888</b>	<b>913768</b>

### 2.06(a) Percentage distribution of population (10 years and above) by marital status 2011

Upazila	Total		Unmarried (%)		Married (%)	
	Male	Female	Male	Female	Male	Female
Akkelpur	54861	56556	31.6	17.4	67.3	71.5
Joypurhat sadar	120577	116798	32.8	19.5	66.0	70.0
Kalai	57355	58995	28.6	16.7	70.2	71.9
Khetlal	44323	44562	30.2	16.8	68.5	71.2
Panchbibi	95165	94169	31.3	18.6	67.5	70.7
<b>Total</b>	<b>372281</b>	<b>371080</b>	<b>31.3</b>	<b>18.2</b>	<b>67.5</b>	<b>70.9</b>

### 2.06(b) Percentage distribution of population (10 years and above) by marital status 2011

Upazila	Total		Widowed (%)		Divorced/separated (%)	
	Male	Female	Male	Female	Male	Female
Akkelpur	54861	56556	0.9	10.0	0.2	1.0
Joypurhat sadar	120577	116798	0.9	9.4	0.3	1.2
Joypurhat sadar	95165	94169	0.9	9.3	0.2	1.3
Tarash	57355	58995	0.8	9.8	0.3	1.6
Ullah para	44323	44562	0.9	10.4	0.3	1.5
<b>Total</b>	<b>372281</b>	<b>371080</b>	<b>0.9</b>	<b>9.7</b>	<b>0.3</b>	<b>1.3</b>

### 2.07 Percentage distribution of population by type of disability 2011

Upazila	Total population	All	Speech	Vision	Hearing	Physical	Mental	Autistic
Akkelpur	137619	1.7	0.2	0.4	0.2	0.6	0.2	0.1
Joypurhat sadar	289058	1.5	0.2	0.3	0.2	0.6	0.2	0.1
Kalai	143197	1.4	0.2	0.3	0.1	0.6	0.2	0.1
Khetlal	108326	2.0	0.2	0.5	0.2	0.7	0.2	0.1
Panchbibi	235568	1.4	0.2	0.3	0.1	0.5	0.2	0.1
<b>Total</b>	<b>913768</b>	<b>1.5</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.6</b>	<b>0.2</b>	<b>0.1</b>



### 2.08 Number of religious institution 2011

Upazila	Mosque	Eid-Gah	Temple (Mandir)	Church (Girza)	Pagoda	Others
Akkelpur	368	66	22	0	0	0
Joypurhat sadar	719	116	178	11	0	7
Kalai	321	81	16	0	0	0
Khetlal	284	36	20	1	0	0
Panchbibi	530	75	72	12	2	0
<b>Total</b>	<b>2222</b>	<b>374</b>	<b>308</b>	<b>24</b>	<b>2</b>	<b>7</b>

### 2.09 Number of pond, dighee, flood camps/shelter, cyclone shelter, stadium/ playground, park/ amusement park 2011

Upazila	Pond	Dighee	River flow	Flood camp/ shelter	Cyclone shelter	Stadium/ playground	Park/ amusement park
Akkelpur	4877	0	0	0	0	11	0
Joypurhat sadar	2246	0	3	0	0	21	1
Kalai	1450	2	0	0	0	7	0
Khetlal	1970	1	1	0	0	0	0
Panchbibi	3000	500	2	0	0	1	0
<b>Total</b>	<b>13543</b>	<b>503</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>1</b>

### 2.10 Number of filling station, fire brigade station, police station/camp, union land (tohsil) office, BOP (BGB camp), cyber cafe 2011

Upazila	Filling station	Fire brigade station	Police station/ camp	Union land (tohsil) office	Sub-registry office	BOP (BGB camp)	ISP provider	Cyber cafe
Akkelpur	1	0	1	6	1	0	0	0
Joypurhat sadar	3	1	3	9	1	1	0	5
Kalai	1	0	1	5	1	0	0	0
Khetlal	1	0	1	5	1	0	0	0
Panchbibi	1	1	1	8	1	4	0	0
<b>Total</b>	<b>7</b>	<b>2</b>	<b>7</b>	<b>33</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>5</b>

### 2.11 Number of growth centre, hat /bazar, poultry farm, dairy farm, nursery, horticulture centre, brick kiln, decorator service 2011

Upazila	Growth centre	Hat /bazar	Poultry farm	Dairy farm	Nursery	Horticulture centre	Brick kiln	Decorator service
Akkelpur	5	13	597	27	7	1	8	30
Joypurhat sadar	22	34	348	109	34	0	24	40
Kalai	5	11	122	180	23	0	0	17
Khetlal	4	11	114	94	1	0	0	17
Panchbibi	3	22	51	53	32	0	16	25
<b>Total</b>	<b>39</b>	<b>91</b>	<b>1232</b>	<b>463</b>	<b>97</b>	<b>1</b>	<b>48</b>	<b>129</b>

Chapter sources: i) Population and Housing Census 2011  
ii) Agriculture Census 2008  
iii) Upazila Statistical Office, BBS.



## **CHAPTER 3**

# **Meteorology**



## Meteorology

### 3.01 Temperature, rainfall, humidity during the years 2008-201

Years	Temperature (centigrade)		Rainfall (millimeter)	Humidity (%)
	Maximum	Minimum		
2008	34.2	10.7	1768	77.0
2009	34.5	13.2	1434	74.0
2010	34.4	10.2	839	61.4
2011	22.3	10.1	1716	75.6

### 3.02 Occurrence of storm during the years 2008-2011 (Yes/No)

Upazila	2008	2009	2010	2011
Akkelpur	No	No	No	No
Joypurhat sadar	No	No	No	No
Kalai	No	No	No	No
Khetlal	No	No	No	No
Panchbibi	No	No	No	No

### 3.03 Occurrence of river erosion during the years 2008-2011 (Yes/No)

Upazila	2008	2009	2010	2011
Akkelpur	No	No	No	No
Joypurhat sadar	No	No	No	No
Kalai	No	No	No	No
Khetlal	No	No	No	No
Panchbibi	No	No	No	No

Chapter source: Bangladesh Meteorological Department.



# **CHAPTER 4**

## **Agriculture**

**(Land Area in acres & Production in Metric Ton)**





## Agriculture

### 4.01 Number of agriculture holding by tenure

(According to Agriculture Census 2008)

Upazila	Total farm holding	Owner holding	Owner cum tenant	Tenant holding
Akkelpur	23066	22186	11749	2370
Joypurhat sadar	43477	45520	21133	5704
Kalai	23331	20124	13117	1256
Khetlal	19795	15044	10837	1612
Panchbibi	38935	33985	20519	3967
<b>Total</b>	<b>148604</b>	<b>136859</b>	<b>77355</b>	<b>14909</b>

### 4.02 Land area based on utilization 2008

Upazila	Operated area	Permanent cropped area	Temporary cropped area	Permanent fallow area	Others
Akkelpur	35134	338	29459	91	5337
Joypurhat sadar	61388	656	51503	96	9229
Kalai	39771	216	34260	91	5295
Khetlal	34666	248	29864	131	4554
Panchbibi	67382	891	57883	188	8608
<b>Total</b>	<b>238341</b>	<b>2349</b>	<b>202969</b>	<b>597</b>	<b>28253</b>

### 4.03 Land utilization (temporary cropped area) 2008

Upazila	Current fallow	Temporary Cropped area					Productivity of crop
		Single	Double	Triple	Net	Gross	
Akkelpur	54	4227	15667	9565	29459	64256	218
Joypurhat sadar	67	2273	38940	10290	51503	111023	216
Kalai	53	1259	4910	28091	34260	95352	278
Khetlal	57	278	13447	16139	29864	75589	253
Panchbibi	132	9069	36428	12386	57883	119083	206
<b>Total</b>	<b>363</b>	<b>17106</b>	<b>109392</b>	<b>76471</b>	<b>202969</b>	<b>465303</b>	<b>229</b>

### 4.04 Land area under irrigation for selected crops 2008

Upazila	Paddy		Wheat		Potato	
	Total area	Irrigated area	Total area	Irrigated area	Total area	Irrigated area
Akkelpur	50897	27815	201	201	7685	7685
Joypurhat sadar	85507	49515	437	437	11211	11211
Kalai	66302	33548	45	45	26067	26067
Khetlal	55082	29152	31	31	17189	17189
Panchbibi	98450	51655	670	670	6647	6647
<b>Total</b>	<b>356238</b>	<b>191685</b>	<b>1384</b>	<b>1384</b>	<b>68799</b>	<b>68799</b>

#### 4.05 Cropped area sprayed with plant protection measures 2008

Upazila	Total farm holding		Spraying farm holding		Reporting area sprayed
	Number	Cropped area	Number	Cropped area	
Akkelpur	36305	24700	36305	24700	24700
Joypurhat sadar	43477	50778	25320	30467	13523
Kalai	23331	32110	22532	31010	29236
Khetlal	19795	30169	19795	30169	30169
Panchbibi	58471	57101	3893	3801	3801
<b>Total</b>	<b>181379</b>	<b>194858</b>	<b>107845</b>	<b>120147</b>	<b>101429</b>

#### 4.06 Number of holding reporting cattle head 2008

Upazila	Total holding	Number of holding based on cattle heads				
		1-3 head	4-6 head	7-9 head	10-15 head	15 head & above
Akkelpur	34665	21387	9739	3227	312	0
Joypurhat sadar	39283	27435	10076	1504	212	56
Kalai	20062	12915	2038	17	0	0
Khetlal	24892	12450	9520	2894	28	0
Panchbibi	58471	15571	12500	11300	10700	8400
<b>Total</b>	<b>177373</b>	<b>89758</b>	<b>43873</b>	<b>18942</b>	<b>11252</b>	<b>8456</b>

#### 4.07 Number of holding reporting selected livestock species 2008

Upazila	Cow & buffalo		Goat		Sheep	
	Holding number	Number of animal	Holding number	Number of goat	Holding number	Number of sheep
Akkelpur	19067	45780	2489	32084	1015	3639
Joypurhat sadar	40898	97504	12230	66898	611	2348
Kalai	20062	49959	26311	16632	1521	4825
Khetlal	16991	45804	6967	16827	850	3249
Panchbibi	34766	88221	6926	54371	1556	5393
<b>Total</b>	<b>131784</b>	<b>327268</b>	<b>72918</b>	<b>186812</b>	<b>5553</b>	<b>19454</b>

#### 4.08 Selected poultry/birds 2008

Upazila	Hen and cock		Duck		Others	
	Holding reporting	Total number	Holding reporting	Total number	Holding reporting	Total number
Akkelpur	23189	204883	15728	100233	863	10853
Joypurhat sadar	42762	343379	28193	163454	1541	17157
Kalai	23030	208674	15053	108090	453	5919
Khetlal	18089	163365	12678	88734	445	6201
Panchbibi	36930	306766	22028	153570	1308	17236
<b>Total</b>	<b>144000</b>	<b>1227067</b>	<b>93680</b>	<b>614081</b>	<b>4610</b>	<b>57366</b>

#### 4.09 Area of high, medium and low land 2008

Upazila	High land	Medium land	Low land	Total land
Akkelpur	17383	11041	568	28992
Joypurhat sadar	6953	42415	1410	50778
Kalai	0	41092	0	41092
Khetlal	19389	8645	1284	29318
Panchbibi	10155	55755	2939	68850
<b>Total</b>	<b>53880</b>	<b>158948</b>	<b>6201</b>	<b>219030</b>

#### 4.10 Broad soil classification 2008

Upazila	Total	Soil classification				
		Doash	Bele	Etel	Kankar	Others
Akkelpur	35134	8617	0	26075	0	3595
Joypurhat sadar	61388	40388	650	15930	0	0
Kalai	39771	35770	0	0	0	5322
Khetlal	34666	32500	0	2741	0	0
Panchbibi	67382	30970	1376	36476	0	29
<b>Total</b>	<b>238341</b>	<b>148245</b>	<b>2026</b>	<b>81222</b>	<b>0</b>	<b>8946</b>

#### 4.11 Irrigation by means 2010-2011

(In acre)

Upazila	Irrigation management						Total
	Power pump	Tube well	Doon	Swing basket	Canal	Others	
Akkelpur	18698	14	0	0	0	123	138
Joypurhat sadar	23175	44245	45	0	10	9	44309
Kalai	21309	31990	150	0	0	0	32140
Khetlal	23796	29110	0	42	0	0	29152
Panchbibi	31611	0	0	0	0	0	0
<b>Total</b>	<b>118589</b>	<b>105359</b>	<b>195</b>	<b>42</b>	<b>10</b>	<b>132</b>	<b>105739</b>

#### 4.12 Number of low lift pump scheme 2010-11

Upazila	Number of pumps fielded			Area irrigated (in acre)
	Electric	Diesel	Total	
Akkelpur	421	705	1126	8312
Joypurhat sadar	669	3836	4505	27543
Kalai	697	2030	2787	2630
Khetlal	253	269	522	11547
Panchbibi	255	275	530	12312
<b>Total</b>	<b>2295</b>	<b>711</b>	<b>9470</b>	<b>62344</b>

#### 4.13 Number of deep tube-well scheme 2010-11

Upazila	Number of deep tube-well		Area Irrigated (In acre)
	Commissioned	Operated	
Akkelpur	263	254	16126
Joypurhat sadar	252	252	16702
Kalai	197	197	11360
Khetlal	345	345	15746
Panchbibi	216	145	34898
<b>Total</b>	<b>1273</b>	<b>1193</b>	<b>94832</b>

#### 4.14 Number of selected agricultural machine 2008

Upazila	Number of power tiller	Tractor	Number of threshing machine
Akkelpur	872	11	23
Joypurhat sadar	650	10	815
Kalai	715	14	112
Khetlal	625	5	153
Panchbibi	370	10	74
<b>Total</b>	<b>3232</b>	<b>50</b>	<b>1177</b>

#### 4.15 Use of chemical fertilizer 2010-11

Upazila	UREA	TSP	MP	DAP	Others
Akkelpur	6485	1520	1872	1035	540
Joypurhat sadar	10167	2413	2495.5	1377	420
Kalai	10231	2455	1701	1210	0
Khetlal	8329	2074	2514	917	2
Panchbibi	14254	2872	2994	1780	125
<b>Total</b>	<b>49466</b>	<b>11334</b>	<b>11576.5</b>	<b>6319</b>	<b>1087</b>

#### 4.16 Distribution of chemical fertilizer 2010-11

Upazila	(In metric ton)							
	UREA	TSP	MP	DAP	HP	NPK	SP	Others
Akkelpur	6485	1520	1872	1035	0	50	0	540
Joypurhat sadar	10167	2413	2495	1378	0	200	0	420
Kalai	10231	2455	1701	1210	0	0	0	0
Khetlal	8329	2074	2514	917	0	200	0	2
Panchbibi	13181	2466	2680	1498	510	0	215	92
<b>Total</b>	<b>48393</b>	<b>10928</b>	<b>11262</b>	<b>6038</b>	<b>510</b>	<b>450</b>	<b>215</b>	<b>1054</b>

#### 4.17 Area and production of rice crops 2010-11

(Area in acre and production in metric ton)

Upazila	Aus		Aman		Boro	
	Area	Production	Area	Production	Area	Production
Akkelpur	118	93	2351	32868	24270	45346
Joypurhat sadar	18	13	42230	39863	39998	64823
Kalai	0	0	31734	25581	31721	59269
Khetlal	0	0	28040	33292	27980	50252
Panchbibi	0	0	30240	36567	36824	54698
<b>Total</b>	<b>136</b>	<b>106</b>	<b>134595</b>	<b>168171</b>	<b>160793</b>	<b>274388</b>

#### 4.18 Area and production of rice crops 2009-2010

(Area in acre and production in metric ton)

Upazila	Aus		Aman		Boro	
	Area	Production	Area	Production	Area	Production
Akkelpur	92	71	23408	18940	25570	50763
Joypurhat sadar	25	18	40945	39057	39822	64698
Kalai	0	0	31525	31688	30889	60546
Khetlal	0	0	28042	24890	28000	45619
Panchbibi	0	0	30150	34460	36832	48618
<b>Total</b>	<b>117</b>	<b>89</b>	<b>154070</b>	<b>149035</b>	<b>161113</b>	<b>270244</b>

#### 4.19 Area and production of wheat, jute and sugarcane 2010-11

(Area in acre and production in metric ton)

Upazila	Wheat		Jute		Sugarcane	
	Area	Production	Area	Production	Area	Production
Akkelpur	255	171	1230	1320	178	2635
Joypurhat sadar	1115	807	3737	3258	2029	41375
Kalai	29	695	18	13	0	0
Khetlal	62	46	330	251	10	155
Panchbibi	2730	2943	132	135	96	23237
<b>Total</b>	<b>4191</b>	<b>4662</b>	<b>5447</b>	<b>4977</b>	<b>2313</b>	<b>67402</b>

#### 4.20 Area and production of wheat, jute and sugarcane 2009-10

(Area in acre and production in metric ton)

Upazila	Wheat		Jute		Sugarcane	
	Area	Production	Area	Production	Area	Production
Akkelpur	217	142	82	78	155	3062
Joypurhat sadar	910	941	2601	2192	2017	41375
Kalai	28	22	2	1	0	0
Khetlal	68	59	80	58	15	236
Panchbibi	2850	3295	115	117	1003	24087
<b>Total</b>	<b>4073</b>	<b>4458</b>	<b>2880</b>	<b>2447</b>	<b>3190</b>	<b>68760</b>

#### 4.21 Area and production of lentil (masur), mug and maize crops 2010-11

(Area in acre and production in metric ton)

Upazila	Lentil (Masur)		Mug		Maize	
	Area	Production	Area	Production	Area	Production
Akkelpur	18	7	0	0	332	1125
Joypurhat sadar	122	62	5	2	475	1276
Kalai	6	2	0	0	0	0
Khetlal	31	16	0	0	29	46
Panchbibi	133	48	18	5	0	0
<b>Total</b>	<b>309</b>	<b>135</b>	<b>23</b>	<b>7</b>	<b>836</b>	<b>2447</b>

#### 4.22 Area and production of lentil (masur), mug and maize crops 2009-10

(Area in acre and production in metric ton)

Upazila	Lentil (Masur)		Mug		Maize	
	Area	Production	Area	Production	Area	Production
Akkelpur	15	5	0	0	375	1274
Joypurhat sadar	120	61	6	2	545	1466
Kalai	6	2	0	0	0	0
Khetlal	34	19	0	0	37	41
Panchbibi	129	47	17	2	0	0
<b>Total</b>	<b>304</b>	<b>134</b>	<b>22</b>	<b>4</b>	<b>957</b>	<b>2781</b>

#### 4.23 Area and production of pulse by type 2010-11

(Area in acre and production in metric ton)

Upazila	Gram		Motor		Khesari		Mash-kalai	
	Area	Production	Area	Production	Area	Production	Area	Production
Akkelpur	0	0	0	0	0	0	0	0
Joypurhat sadar	6	3	3	2	16	7	6	3
Kalai	0	0	0	0	0	0	0	0
Khetlal	0	0	0	0	4	1	0	0
Panchbibi	21	59	15	4	30	13	21	59
<b>Total</b>	<b>27</b>	<b>62</b>	<b>18</b>	<b>6</b>	<b>49</b>	<b>21</b>	<b>27</b>	<b>62</b>

#### 4.24 Area and production of potato by type 2010-11

(Area in acre and production in metric ton)

Upazila	Potato		Sweet potato		Total potato	
	Area	Production	Area	Production	Area	Production
Akkelpur	10750	82127	21	80	10771	82207
Joypurhat sadar	16808	125912	129	532	16937	126444
Kalai	29761	307795	10	42	29771	307837
Khetlal	22766	208132	37	157	22803	208289
Panchbibi	10412	51679	54	24	105	51703
<b>Total</b>	<b>90497</b>	<b>775645</b>	<b>251</b>	<b>836</b>	<b>80387</b>	<b>776480</b>

#### 4.25 Area and production of potato by type 2009-10

(Area in acre and production in metric ton)

Upazila	Potato		Sweet potato		Total potato	
	Area	Production	Area	Production	Area	Production
Akkelpur	8239	95894	19	71	8258	95965
Joypurhat sadar	13075	86790	127	467	13202	87257
Kalai	25595	237837	9.3	38	25604	237935
Khetlal	22560	185841	53	177	22613	186018
Panchbibi	10543	47114	51	21	1094	47136
<b>Total</b>	<b>80012</b>	<b>653476</b>	<b>259</b>	<b>774</b>	<b>70771</b>	<b>654311</b>

#### 4.26 Area and production of oil seed by type 2010-11

(Area in acre and production in metric ton)

Upazila	Rape & mustard		Ground nut		Til	
	Area	Production	Area	Production	Area	Production
Akkelpur	1064	596	0	0	0	0
Joypurhat sadar	360	204	0	0	25	8
Kalai	39	21	0	0	0	0
Khetlal	886	409	0	0	0	0
Panchbibi	737	441	0	0	26	8
<b>Total</b>	<b>3086</b>	<b>1671</b>	<b>0</b>	<b>0</b>	<b>51</b>	<b>16</b>

#### 4.27 Area and production of oil seed by type 2009-10

(Area in acre and production in metric ton)

Upazila	Rape & mustard		Ground nut		Til	
	Area	Production	Area	Production	Area	Production
Akkelpur	1052	589	0	0	0	0
Joypurhat sadar	351	194	0	0	24	6
Kalai	37	20	0	0	0	0
Khetlal	756	345	0	0	0	0
Panchbibi	790	379	0	0	23	7
<b>Total</b>	<b>2986</b>	<b>1527</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>13</b>

#### 4.28 Area and production of pepper, onion and garlic 2010-11

(Area in acre and production in metric ton)

Upazila	Pepper		Onion		Garlic	
	Area	Production	Area	Production	Area	Production
Akkelpur	160	196	285	924	13	23
Joypurhat sadar	269	92	230	1035	95	114
Kalai	32	13	27	66	12	17
Khetlal	98	66	43	106	19	29
Panchbibi	138	57	1010	2424	49	94
<b>Total</b>	<b>697</b>	<b>423</b>	<b>1595</b>	<b>4555</b>	<b>187</b>	<b>277</b>

#### 4.29 Area and production of pepper, onion and garlic 2009-10

(Area in acre and production in metric ton)

Upazila	Pepper		Onion		Garlic	
	Area	Production	Area	Production	Area	Production
Akkelpur	158	195	289	957	13	15
Joypurhat sadar	258	96	322	788	92	96
Kalai	30	12	26	68	10	16
Khetlal	90	64	52	126	18	27
Panchbibi	131	55	963	1938	47	37
<b>Total</b>	<b>666</b>	<b>422</b>	<b>1652</b>	<b>3877</b>	<b>180</b>	<b>191</b>

#### 4.30 Area and production of turmeric and ginger 2010-11

(Area in acre and production in metric ton)

Upazila	Turmeric		Ginger	
	Area	Production	Area	Production
Akkelpur	28	30	8	14
Joypurhat sadar	142	206	21	43
Kalai	2	6	2	5
Khetlal	4	6	2	4
Panchbibi	105	379	41	124
<b>Total</b>	<b>281</b>	<b>627</b>	<b>74</b>	<b>191</b>

#### 4.31 Area and production of turmeric and ginger 2009-10

(Area in acre and production in metric ton)

Upazila	Turmeric		Ginger	
	Area	Production	Area	Production
Akkelpur	26	13	7	12
Joypurhat sadar	132	190	16	29
Kalai	2	6	2	5
Khetlal	4	4	4	5
Panchbibi	96	349	36	116
<b>Total</b>	<b>261</b>	<b>562</b>	<b>65</b>	<b>166</b>

#### 4.32 Area and production of tomato, radish and bean 2010-11

(Area in acre and production in metric ton)

Upazila	Tomato		Radish		Bean	
	Area	Production	Area	Production	Area	Production
Akkelpur	13	49	22	75	13	42
Joypurhat sadar	146	1230	276	1330	58	307
Kalai	15	54	43	225	13	50
Khetlal	25	91	32	127	24	51
Panchbibi	126	132	129	581	53	38
<b>Total</b>	<b>324</b>	<b>1556</b>	<b>501</b>	<b>2337</b>	<b>161</b>	<b>487</b>



#### 4.33 Area and production of tomato, radish and bean 2009-10

(Area in acre and production in metric ton)

Upazila	Tomato		Radish		Bean	
	Area	Production	Area	Production	Area	Production
Akkelpur	11	49	21	71	10	37
Joypurhat sadar	141	1165	272	1307	56	289
Kalai	14	54	42	222	12	46
Khetlal	46	132	31	121	18	32
Panchbibi	117	112	121	487	48	34
<b>Total</b>	<b>328</b>	<b>1511</b>	<b>488</b>	<b>2208</b>	<b>144</b>	<b>438</b>

#### 4.34 Area and production of pumpkin, parble (potol) and cabbage 2010-11

(Area in acre and production in metric ton)

Upazila	Pumpkin		Parble (potol)		Cabbage	
	Area	Production	Area	Production	Area	Production
Akkelpur	8	37	33	120	25	92
Joypurhat sadar	161	957	437	2367	189	733
Kalai	48	285	13	59	8	53
Khetlal	65	218	25	92	38	113
Panchbibi	134	1219	102	390	114	1007
<b>Total</b>	<b>416</b>	<b>2716</b>	<b>610</b>	<b>3028</b>	<b>373</b>	<b>1997</b>

#### 4.35 Area and production of pumpkin, parble (potol) and cabbage 2009-10

(Area in acre and production in metric ton)

Upazila	Pumpkin		Parble (potol)		Cabbage	
	Area	Production	Area	Production	Area	Production
Akkelpur	7	30	37	138	22	83
Joypurhat sadar	148	878	442	2390	198	729
Kalai	46	280	11	48	7	49
Khetlal	80	273	27	99	50	142
Panchbibi	133	1063	100	303	110	949
<b>Total</b>	<b>413</b>	<b>2524</b>	<b>618</b>	<b>2978</b>	<b>387</b>	<b>1951</b>

#### 4.36 Area and production of brinjal, lady's finger and arum 2010-11

(Area in acre and production in metric ton)

Upazila	Brinjal		Lady's finger		Arum	
	Area	Production	Area	Production	Area	Production
Akkelpur	56	191	10	21	104	665
Joypurhat sadar	573	4124	51	55	342	1537
Kalai	69	461	16	42	13	87
Khetlal	125	312	15	16	40	148
Panchbibi	230	466	55	165	120	437
<b>Total</b>	<b>1053</b>	<b>5553</b>	<b>146</b>	<b>298</b>	<b>619</b>	<b>2873</b>

#### 4.37 Area and production of brinjal, lady's finger and arum 2009-10

(Area in acre and production in metric ton)

Upazila	Brinjal		Lady's finger		Arum	
	Area	Production	Area	Production	Area	Production
Akkelpur	55	185	8	14	100	674
Joypurhat sadar	586	4348	48	51	337	1513
Kalai	67	442	15	41	11	68
Khetlal	152	438	20	19	43	157
Panchbibi	221	269	51	129	111	402
<b>Total</b>	<b>1081</b>	<b>5681</b>	<b>141</b>	<b>254</b>	<b>601</b>	<b>2814</b>

#### 4.38 Area and production of cauliflower and cucumber 2010-11

(Area in acre and production in metric ton)

Upazila	Cauliflower		Cucumber	
	Area	Production	Area	Production
Akkelpur	28	89	6	15
Joypurhat sadar	149	542	27	110
Kalai	14	80	9	41
Khetlal	33	102	20	60
Panchbibi	95	572	40	142
<b>Total</b>	<b>319</b>	<b>1385</b>	<b>103</b>	<b>367</b>

#### 4.39 Area and production of cauliflower and cucumber 2009-10

(Area in acre and production in metric ton)

Upazila	Cauliflower		Cucumber	
	Area	Production	Area	Production
Akkelpur	30	87	5	12
Joypurhat sadar	142	514	25	102
Kalai	13	73	8	36
Khetlal	41	127	18	38
Panchbibi	91	474	36	108
<b>Total</b>	<b>317</b>	<b>1276</b>	<b>92</b>	<b>297</b>

#### 4.40 Area and production of papaya, guava, lime and lemon 2010-11

(Area in acre and production in metric ton)

Upazila	Papaya		Guava		Lime and lemon	
	Area	Production	Area	Production	Area	Production
Akkelpur	16	181	20	111	16	50
Joypurhat sadar	9	226	2	67	16	22
Kalai	12	57	26	63	16	26
Khetlal	13	36	7	39	4	26
Panchbibi	7	52	8	101	6	53
<b>Total</b>	<b>57</b>	<b>552</b>	<b>63</b>	<b>380</b>	<b>58</b>	<b>177</b>

#### 4.41 Area and production of papaya, guava, lime and lemon 2009-10

(Area in acre and production in metric ton)

Upazila	Papaya		Guava		Lime and lemon	
	Area	Production	Area	Production	Area	Production
Akkelpur	15	281	22	91	15	43
Joypurhat sadar	4	51	2	58	15	19
Kalai	11	43	24	53	15	23
Khetlal	16	45	7	40	4	21
Panchbibi	6	44	8	93	5	47
<b>Total</b>	<b>51</b>	<b>464</b>	<b>63</b>	<b>335</b>	<b>54</b>	<b>154</b>

#### 4.42 Area and production of jackfruit, banana and pineapple 2010-11

(Area in acre and production in metric ton)

Upazila	Jackfruits		Banana		Pineapple	
	Area	Production	Area	Production	Area	Production
Akkelpur	23	1354	43	1350	3	8
Joypurhat sadar	9	362	197	1572	3	14
Kalai	21	172	22	138	0	0
Khetlal	22	79	23	136	0	0
Panchbibi	7	193	52	459	5	468
<b>Total</b>	<b>81</b>	<b>2160</b>	<b>337</b>	<b>3654</b>	<b>10</b>	<b>490</b>

#### 4.43 Area and production of jackfruit, banana and pineapple 2009-10

(Area in acre and production in metric ton)

Upazila	Jackfruit		Banana		Pineapple	
	Area	Production	Area	Production	Area	Production
Akkelpur	22	1287	43	1259	2	8
Joypurhat sadar	8	348	191	1417	3	15
Kalai	19	159	21	129	0	0
Khetlal	20	61	20	116	0	0
Panchbibi	6	145	55	489	3	14
<b>Total</b>	<b>76</b>	<b>2000</b>	<b>330</b>	<b>3411</b>	<b>9</b>	<b>37</b>

#### 4.44 Area and production of mango, litchi and blackberry 2010-11

(Area in acre and production in metric ton)

Upazila	Mango		Litchi		Blackberry	
	Area	Production	Area	Production	Area	Production
Akkelpur	140	1582	12	341	6	52
Joypurhat sadar	29	225	0	0	0	0
Kalai	39	119	10	25	5	35
Khetlal	79	213	1	6	4	15
Panchbibi	22	535	3	28	2	12
<b>Total</b>	<b>309</b>	<b>2674</b>	<b>26</b>	<b>399</b>	<b>17</b>	<b>114</b>

#### 4.45 Area and production of mango, litchi and blackberry 2009-10

(Area in acre and production in metric ton)

Upazila	Mango		Litchi		Blackberry	
	Area	Production	Area	Production	Area	Production
Akkelpur	136	1319	11	321	5	41
Joypurhat sadar	27	215	0	0	0	0
Kalai	30	100	7	16	5	38
Khetlal	87	209	1	5	4	12
Panchbibi	2065	483	4	20	2	11
<b>Total</b>	<b>2345</b>	<b>2326</b>	<b>23</b>	<b>363</b>	<b>16</b>	<b>101</b>

#### 4.46 Area and production at water melon/melon (bangi) in following years

(Area in acre and production in metric ton)

Upazila	2010-11		2009-10	
	Area	Production	Area	Production
Akkelpur	19	95	17	86
Joypurhat sadar	5	15	4	17
Kalai	11	90	9	75
Khetlal	0	0	0	0
Panchbibi	51	337	47	224
<b>Total</b>	<b>85</b>	<b>537</b>	<b>77</b>	<b>401</b>

#### 4.47 Cotton and Sericulture cultivation for the year 2010-11

(Area in acre and production in metric ton)

Upazila	All Cotton		Sericulture	
	Area	Production	Area	Production
Akkelpur	9	5	0	0
Joypurhat sadar	0	0	0	0
Kalai	9	21	0	0
Khetlal	6	20	0	0
Panchbibi	4	51	0	0
<b>Total</b>	<b>28</b>	<b>97</b>	<b>0</b>	<b>0</b>

#### 4.48 Number and area of pond, dighee and other area 2010-2011

(Area in Acre)

Upazila	Pond		Dighee		Other area	Total area
	Number	Area	Number	Area		
Akkelpur	4877	1676	0	0	264	1941
Joypurhat sadar	2140	1250	0	0	12	45
Kalai	1450	1905	2	5	71	1905
Khetlal	1970	2061	1	33	312	1362
Panchbibi	3000	856	500	750	0	1606
<b>Total</b>	<b>13437</b>	<b>7748</b>	<b>503</b>	<b>788</b>	<b>659</b>	<b>6859</b>

#### 4.49 Number of fisherman and production of fish in following years

Upazila	(Production in Metric Ton)			
	2010-11		2009-10	
	Number	Production	Number	Production
Akkelpur	2100	1603	1900	1568
Joypurhat sadar	520	2302	495	2336
Kalai	290	2335	281	2043
Khetlal	1580	1065	1550	1009
Panchbibi	383	4580	380	4544
<b>Total</b>	<b>4873</b>	<b>11885</b>	<b>4606</b>	<b>11499</b>

Chapter sources: i) Agriculture Census 2008  
 ii) Agriculture Wing, BBS  
 iii) Yearbook of Agricultural Statistics of Bangladesh 2011  
 iv) Upazila Statistical Office, BBS



# **CHAPTER 5**

## **Industry**





## Industry

### 5.01 Number of selected industry 2011

Upazila	Textile mill	Garments factory	Rice mill	Match factory	Steel and engineering	Aluminium	Jute mill	Sugar mill	Others
Akkelpur	0	0	94	0	0	0	0	0	0
Joypurhat sadar	0	0	414	0	0	0	0	1	0
Kalai	0	0	215	0	0	0	0	0	0
Khetlal	0	0	82	0	0	0	0	0	0
Panchbibi	0	0	67	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>872</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>

### 5.02 Number of handloom establishment and loom 2011

Upazila	Number of unit (factory)	Number of loom		
		Operational	Non-operational	Total
Akkelpur	112	52	60	112
Joypurhat sadar	0	0	0	0
Kalai	0	0	0	0
Khetlal	9	3	6	9
Panchbibi	0	0	0	0
<b>Total</b>	<b>121</b>	<b>55</b>	<b>66</b>	<b>121</b>

### 5.03 Employment status in handloom industry 2011

Upazila	Number of handloom	Person engaged			Total
		Family member	Regular	Hired /Casual	
Akkelpur	462	936	0	0	936
Joypurhat sadar	0	0	0	0	0
Kalai	0	0	0	0	0
Khetlal	9	6	0	0	6
Panchbibi	0	0	0	0	0
<b>Total</b>	<b>471</b>	<b>942</b>	<b>0</b>	<b>0</b>	<b>942</b>

### 5.04 Dying facilities of handloom industry 2011

Upazila	With dying facility	Without dying facility	Total
Akkelpur	0	0	0
Joypurhat sadar	0	0	0
Kalai	0	0	0
Khetlal	0	9	9
Panchbibi	0	0	0
<b>Total</b>	<b>0</b>	<b>9</b>	<b>9</b>

### 5.05 Number of small scale and cottage industry 2011

Upazila	Small scale and cottage industry								
	Weaving/ handloom	Handy	Husking crafts mill	Goor processing	Biri factory	Salt processing	Dry fish processing	Pottery	Others
Akkelpur	462	27	78	0	0	0	0	13	0
Joypurhat sadar	0	5383	291	0	0	0	0	195	0
Kalai	0	0	3050	0	0	0	0	0	0
Khetlal	9	0	82	0	0	0	0	52	14
Panchbibi	0	0	52	0	0	0	0	3	0
<b>Total</b>	<b>471</b>	<b>5410</b>	<b>3553</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>263</b>	<b>14</b>

### 5.06 Number of establishment and person engaged in cottage industry 2011

Upazila	Number of unit	Person engaged		
		Family	Hired	Total
Akkelpur	176	365	0	365
Joypurhat sadar	6321	14336	758	15154
Kalai	0	0	0	0
Khetlal	157	218	164	382
Panchbibi	85	170	0	170
<b>Total</b>	<b>6739</b>	<b>15089</b>	<b>922</b>	<b>16071</b>

### 5.07 Number of bamboo and cane industry and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	144	292	0	292
Joypurhat sadar	218	436	0	436
Kalai	23	37	0	37
Khetlal	38	76	29	105
Panchbibi	85	170	0	170
<b>Total</b>	<b>508</b>	<b>1011</b>	<b>29</b>	<b>1040</b>

### 5.08 Number of wooden furniture and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	42	47	135	182
Joypurhat sadar	234	351	702	1053
Kalai	28	28	60	88
Khetlal	36	36	72	108
Panchbibi	35	35	140	175
<b>Total</b>	<b>375</b>	<b>497</b>	<b>1109</b>	<b>1606</b>

### 5.09 Number of Saw mill and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	21	21	89	110
Joypurhat sadar	29	62	124	186
Kalai	17	44	76	120
Khetlal	6	6	18	24
Panchbibi	19	19	95	114
<b>Total</b>	<b>92</b>	<b>152</b>	<b>402</b>	<b>554</b>

### 5.10 Number of auto rice mill and person engaged 2011

Upazila	Unit	Person engaged		
		Male	Female	Total
Akkelpur	0	0	0	0
Joypurhat sadar	7	21	175	196
Kalai	0	0	0	0
Khetlal	0	0	0	0
Panchbibi	2	4	50	54
<b>Total</b>	<b>9</b>	<b>25</b>	<b>225</b>	<b>250</b>

### 5.11 Number of rice mill and person engaged 2011

Upazila	Unit	Person engaged		
		Male	Female	Total
Akkelpur	61	315	129	444
Joypurhat sadar	116	1160	580	1740
Kalai	112	224	448	672
Khetlal	50	280	158	438
Panchbibi	30	120	150	270
<b>Total</b>	<b>369</b>	<b>2099</b>	<b>1465</b>	<b>3564</b>

### 5.12 Number of oil mill and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	8	11	37	48
Joypurhat sadar	21	42	75	117
Kalai	0	0	0	0
Khetlal	7	7	14	21
Panchbibi	14	14	20	34
<b>Total</b>	<b>50</b>	<b>74</b>	<b>146</b>	<b>220</b>

### 5.13 Number of bakery and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	7	17	28	45
Joypurhat sadar	17	34	136	170
Kalai	25	28	20	48
Khetlal	1	2	12	14
Panchbibi	6	6	70	76
<b>Total</b>	<b>56</b>	<b>87</b>	<b>266</b>	<b>353</b>

### 5.14 Number of pottery and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	15	39	0	39
Joypurhat sadar	195	759	21	780
Kalai	0	0	0	0
Khetlal	52	128	19	147
Panchbibi	3	8	0	8
<b>Total</b>	<b>265</b>	<b>934</b>	<b>40</b>	<b>974</b>

### 5.15 Number of printing press and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	0	0	0	0
Joypurhat sadar	13	26	52	78
Kalai	0	0	0	0
Khetlal	0	0	0	0
Panchbibi	2	2	6	8
<b>Total</b>	<b>15</b>	<b>28</b>	<b>58</b>	<b>86</b>

### 5.16 Number of tailoring shop and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	119	119	422	541
Joypurhat sadar	1045	1195	322	1517
Kalai	32	32	43	75
Khetlal	251	251	189	440
Panchbibi	47	47	105	152
<b>Total</b>	<b>1494</b>	<b>1644</b>	<b>1081</b>	<b>2725</b>

### 5.17 Number of cold storage and capacity in following years

Upazila	2010-11		2009-10	
	Number	Installed capacity	Number	Installed capacity
Akkelpur	2	15560	2	15560
Joypurhat sadar	0	0	0	0
Kalai	8	18500	8	17000
Khetlal	3	24000	2	12000
Panchbibi	1	5000	1	5000
<b>Total</b>	<b>14</b>	<b>63060</b>	<b>13</b>	<b>49560</b>

### 5.18 Number of flour mill and person engaged 2011

Upazila	Unit	Person engaged		
		Family	Hired	Total
Akkelpur	16	13	37	50
Joypurhat sadar	3	9	42	51
Kalai	2	2	4	6
Khetlal	13	13	41	54
Panchbibi	24	24	24	48
<b>Total</b>	<b>58</b>	<b>61</b>	<b>148</b>	<b>209</b>

Chapter sources: i) Industry and Labour Wing, BBS  
ii) Agriculture Wing, BBS  
iii) Upazila Statistical Office, BBS



# **CHAPTER 6**

## **Education**





## Education

### 6.01 Literacy (7+) rate of 2001 & 2011

Upazila	2001			2011		
	Male	Female	Both	Male	Female	Both
Akkelpur	59.1	49.3	54.3	60.6	53.4	56.9
Joypurhat sadar	56.9	47.3	52.3	69.0	61.6	65.4
Kalai	47.5	33.1	40.4	54.7	45.1	49.8
Khetlal	51.4	38.6	45.1	57.7	49.2	53.5
Panchbibi	56.6	46.3	51.6	58.1	51.0	54.6
<b>Total</b>	<b>55.0</b>	<b>44.0</b>	<b>49.6</b>	<b>61.4</b>	<b>53.5</b>	<b>57.5</b>

### 6.02 Number of Government primary school (class I-V), teacher and student 2011

Upazila	Number of Government primary school	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	53	119	129	248	5475	5505	10980	44
Joypurhat sadar	76	118	270	388	7097	6721	13818	36
Kalai	42	80	101	181	4439	4570	9009	50
Khetlal	34	68	105	173	3299	3282	6581	38
Panchbibi	58	116	177	293	9533	9878	19411	66
<b>Total</b>	<b>263</b>	<b>501</b>	<b>782</b>	<b>1283</b>	<b>29843</b>	<b>29956</b>	<b>59799</b>	<b>47</b>

### 6.03 Number of registered primary school (class I-V), teacher and student 2011

Upazila	Number of registered primary school	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	15	32	25	57	1223	1252	2475	43
Joypurhat sadar	22	38	39	77	1779	1560	3339	43
Kalai	12	21	18	39	787	834	1621	42
Khetlal	10	21	16	37	825	888	1713	46
Panchbibi	33	57	94	151	7636	8496	16132	107
<b>Total</b>	<b>92</b>	<b>169</b>	<b>192</b>	<b>361</b>	<b>12250</b>	<b>13030</b>	<b>25280</b>	<b>70</b>

### 6.04 Number of private (non-registered) primary school (class I-V), teacher and student 2011

Upazila	Number of Non-govt. primary school	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	13	13	27	40	529	393	922	23
Joypurhat sadar	7	8	15	23	1018	742	1760	77
Kalai	5	12	8	20	348	442	790	40
Khetlal	0	0	0	0	0	0	0	0
Panchbibi	5	12	8	20	762	809	1571	78
<b>Total</b>	<b>30</b>	<b>45</b>	<b>58</b>	<b>103</b>	<b>2657</b>	<b>2386</b>	<b>12043</b>	<b>49</b>

### 6.05 Number of kindergarten school (pre schooling), teacher and student 2011

Upazila	Number of kindergarten school	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	6	14	25	39	406	235	641	16
Joypurhat sadar	25	79	96	175	1654	2162	3816	22
Kalai	6	12	24	36	425	455	880	24
Khetlal	17	20	55	75	522	781	1303	17
Panchbibi	16	30	34	64	2873	2725	5598	87
<b>Total</b>	<b>70</b>	<b>155</b>	<b>234</b>	<b>389</b>	<b>5880</b>	<b>6358</b>	<b>12238</b>	<b>31</b>

### 6.06 Number of NGO school, teacher and student 2011

Upazila	Number of NGO school	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	87	0	87	87	1092	1609	2701	31
Joypurhat sadar	93	0	93	93	1107	1522	2629	28
Kalai	49	0	49	49	665	997	1662	34
Khetlal	39	0	42	42	530	793	1323	32
Panchbibi	32	70	58	128	947	1228	2175	17
<b>Total</b>	<b>300</b>	<b>70</b>	<b>329</b>	<b>399</b>	<b>4341</b>	<b>6149</b>	<b>10490</b>	<b>26</b>

### 6.07 Number of Government secondary school, teacher and student 2011

Upazila	Number of school	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	0	0	0	0	0	0	0	0
Joypurhat sadar	2	45	16	61	1021	917	1938	32
Kalai	0	0	0	0	0	0	0	0
Khetlal	0	0	0	0	0	0	0	0
Panchbibi	2	16	2	18	518	505	1023	57
<b>Total</b>	<b>4</b>	<b>61</b>	<b>18</b>	<b>79</b>	<b>1539</b>	<b>1422</b>	<b>2961</b>	<b>37</b>

### 6.08 Number of Non-government secondary school, teacher and student 2011

Upazila	Number of school	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	17	132	49	181	4295	4602	8827	49
Joypurhat sadar	38	259	107	366	5540	6072	11612	32
Kalai	21	181	44	225	2592	3209	5801	26
Khetlal	18	167	45	212	3039	2537	5576	26
Panchbibi	48	601	23	624	7908	8922	16830	27
<b>Total</b>	<b>142</b>	<b>1340</b>	<b>268</b>	<b>1608</b>	<b>23374</b>	<b>25342</b>	<b>48646</b>	<b>30</b>

### 6.09 Number of Government college, teacher and student 2011

Upazila	Number of college	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	0	0	0	0	0	0	0	0
Joypurhat sadar	2	60	7	67	6500	3260	9760	146
Kalai	0	0	0	0	0	0	0	0
Khetlal	0	0	0	0	0	0	0	0
Panchbibi	1	18	1	19	513	497	1010	53
<b>Total</b>	<b>3</b>	<b>78</b>	<b>8</b>	<b>86</b>	<b>7013</b>	<b>3757</b>	<b>10770</b>	<b>125</b>

### 6.10 Number of Non government college, teacher and student 2011

Upazila	Number of college	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	10	164	37	201	902	801	1703	8
Joypurhat sadar	10	177	26	203	1787	1098	2885	14
Kalai	8	118	12	130	492	1147	1639	13
Khetlal	6	42	7	49	563	317	880	18
Panchbibi	5	83	13	96	570	602	1172	12
<b>Total</b>	<b>39</b>	<b>584</b>	<b>95</b>	<b>679</b>	<b>4314</b>	<b>3965</b>	<b>8279</b>	<b>12</b>

### 6.11 Number of madrasah, teacher and student under the madrasah education board 2011

Upazila	Number of madrasah	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	11	102	25	127	859	449	908	7
Joypurhat sadar	51	405	145	550	10251	7198	17449	32
Kalai	21	300	27	327	1792	1930	3722	11
Khetlal	14	219	38	257	2492	2156	4648	18
Panchbibi	31	480	5	485	752	376	1128	2
<b>Total</b>	<b>128</b>	<b>1506</b>	<b>240</b>	<b>1746</b>	<b>16146</b>	<b>12109</b>	<b>27855</b>	<b>16</b>

### 6.12 Number of kawmi madrasah, teacher and student 2011

Upazila	Number of madrasah	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	27	88	0	88	783	594	1377	16
Joypurhat sadar	9	35	8	43	810	195	1003	23
Kalai	3	3	0	3	37	34	71	24
Khetlal	2	12	0	12	12	0	12	6
Panchbibi	5	16	2	18	145	105	250	14
<b>Total</b>	<b>46</b>	<b>154</b>	<b>10</b>	<b>164</b>	<b>1787</b>	<b>928</b>	<b>2775</b>	<b>17</b>

### 6.13 Number of ebtedayee madrasah 2011

Upazila	Number of madrasah	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	6	18	0	18	208	107	315	17
Joypurhat sadar	54	254	76	330	9051	6398	15449	47
Kalai	12	60	0	60	305	250	555	9
Khetlal	0	0	0	0	0	0	0	0
Panchbibi	14	48	2	50	406	504	910	18
<b>Total</b>	<b>86</b>	<b>380</b>	<b>78</b>	<b>458</b>	<b>9970</b>	<b>7259</b>	<b>17229</b>	<b>38</b>

### 6.14 Number of technical and vocational institution, teacher and student 2011

Upazila	Institution	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	1	4	2	6	43	24	67	11
Joypurhat sadar	4	23	9	32	333	249	582	18
Kalai	0	0	0	0	0	0	0	0
Khetlal	1	9	5	14	158	12	170	12
Panchbibi	1	14	2	16	150	23	173	11
<b>Total</b>	<b>7</b>	<b>50</b>	<b>18</b>	<b>68</b>	<b>684</b>	<b>308</b>	<b>992</b>	<b>15</b>

### 6.15 Number of agricultural and veterinary college, teacher and student 2011

Upazila	Number of college	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	0	0	0	0	0	0	0	0
Joypurhat sadar	1	9	2	11	22	85	207	19
Kalai	0	0	0	0	0	0	0	0
Khetlal	0	0	0	0	0	0	0	0
Panchbibi	1	9	3	12	195	55	250	21
<b>Total</b>	<b>2</b>	<b>18</b>	<b>5</b>	<b>23</b>	<b>217</b>	<b>140</b>	<b>457</b>	<b>20</b>

Chapter sources: i) Census Wing, BBS  
 ii) Population and Housing Census 2011  
 iii) Upazila Statistical Office, BBS

## **CHAPTER 7**

# **Health and Social Welfare**



## Health and Social Welfare

### 7.01 Number of Government health complex and health personnel 2011

Upazila	Number of bed	Number of doctor	Number of nurse	Number of technician	Number of other staff
Akkelpur	50	6	14	6	93
Joypurhat sadar	100	31	73	3	95
Kalai	50	7	14	8	58
Khetlal	50	4	7	7	55
Panchbibi	50	5	9	1	22
<b>Total</b>	<b>300</b>	<b>53</b>	<b>117</b>	<b>25</b>	<b>323</b>

### 7.02 Number of private hospital/clinic and related health personnel 2011

Upazila	Number of centre	Number of bed	Number of doctor	Number of nurse	Number of technician	Number of other staff
Akkelpur	0	0	0	0	0	0
Joypurhat sadar	25	250	63	78	50	252
Kalai	0	0	0	0	0	0
Khetlal	0	0	0	0	0	0
Panchbibi	0	0	0	0	0	0
<b>Total</b>	<b>25</b>	<b>250</b>	<b>63</b>	<b>78</b>	<b>50</b>	<b>252</b>

### 7.03 Number of diagnostic centre and related health personnel 2011

Upazila	Number of centre	Number of doctor	Number of nurse	Number of technician	Number of other staff
Akkelpur	3	8	7	8	12
Joypurhat sadar	7	15	19	7	36
Kalai	0	0	0	0	0
Khetlal	1	0	0	1	0
Panchbibi	1	0	0	1	0
<b>Total</b>	<b>12</b>	<b>23</b>	<b>26</b>	<b>17</b>	<b>48</b>

### 7.04 Number of missionary hospital and charitable dispensary 2011

Upazila	Number of centre	Number of bed	Number of doctor	Number of nurse	Number of technician	Number of other staff
Akkelpur	2	0	1	0	0	6
Joypurhat sadar	1	10	3	13	3	26
Kalai	0	0	0	0	0	0
Khetlal	0	0	0	0	0	0
Panchbibi	0	0	0	0	0	0
<b>Total</b>	<b>3</b>	<b>10</b>	<b>4</b>	<b>13</b>	<b>3</b>	<b>32</b>

### 7.05 Number of physician/practitioner 2011

Upazila	Physician	MBBS, FCPS/over	L.M.F	Unani / ayurvedic	Homeopathy
Akkelpur	72	3	22	12	35
Joypurhat sadar	127	9	29	17	72
Kalai	0	0	0	0	0
Khetlal	20	1	2	7	10
Panchbibi	2	2	0	0	16
<b>Total</b>	<b>221</b>	<b>15</b>	<b>53</b>	<b>36</b>	<b>133</b>

### 7.06 Number of health centre, providing health and family planning service 2011

Upazila	Number of union health centre	Health service	Sterilization	M.R.	Injection/ copper-T	Oral pill/ condom	Number of immunization centre
Akkelpur	5	27000	356	35	3546	1478591	120
Joypurhat sadar	7	124098	4014	309	85278	580564	228
Kalai	5	55606	1521	106	7060	285161	128
Khetlal	5	60967	494	132	58503	751521	120
Panchbibi	8	28000	231	109	44300	213750	119
<b>Total</b>	<b>30</b>	<b>295671</b>	<b>6616</b>	<b>691</b>	<b>198687</b>	<b>3309587</b>	<b>715</b>

### 7.07 Number of existing family planning personnel 2011

Upazila	TFPO	M.O	FPI	TFPA	FWV	FWA	Midwife or SBA
Akkelpur	1	0	3	2	5	31	20
Joypurhat sadar	1	2	3	1	6	38	17
Kalai	1	0	9	2	6	24	7
Khetlal	0	0	3	3	4	21	0
Panchbibi	1	1	1	1	8	16	8
<b>Total</b>	<b>4</b>	<b>3</b>	<b>19</b>	<b>9</b>	<b>29</b>	<b>130</b>	<b>52</b>

### 7.08 Status of family planning activity 2011

Upazila	Sterilization in number		IUD/ Injection	Condom (in piece)	Oral pill (in cycle)	Copper- T
	Vasectomy	Tubectomy				
Akkelpur	219	137	3546	1133	13658	146
Joypurhat sadar	2366	824	22713	347529	233035	565
Kalai	295	170	13582	85979	131911	128
Khetlal	397	97	386	392	1129	117
Panchbibi	231	0	0	1750	2000	35
<b>Total</b>	<b>3508</b>	<b>1228</b>	<b>40227</b>	<b>436783</b>	<b>381733</b>	<b>991</b>



### 7.09 Number of cooperative society and member 2011

Upazila	Number of co-operative society	Number of member		Total
		Male	Female	
Akkelpur	201	5000	600	5600
Joypurhat sadar	537	18394	2935	21329
Kalai	314	10833	1100	11933
Khetlal	230	10671	50	10721
Panchbibi	184	2873	957	3830
<b>Total</b>	<b>1466</b>	<b>47771</b>	<b>5642</b>	<b>53413</b>

### 7.10 Number of Government office, post office, bank, NGO and dak-banglow/rest house 2011

Upazila	All Government offices	Post office	All nationalized bank branches	All private bank branches	All NGOs	Dak-banglow/rest house
Akkelpur	26	6	5	0	27	1
Joypurhat sadar	72	22	7	7	12	5
Kalai	26	10	7	0	9	1
Khetlal	25	5	5	0	9	1
Panchbibi	26	9	5	0	22	1
<b>Total</b>	<b>175</b>	<b>52</b>	<b>29</b>	<b>7</b>	<b>79</b>	<b>9</b>

### 7.11 Number of cinema hall, registered club, auditorium, public library and orphanage 2011

Upazila	Cinema hall	Registered club	Library	Orphanage	Auditorium
Akkelpur	2	52	5	5	1
Joypurhat sadar	4	35	2	6	2
Kalai	0	44	0	0	1
Khetlal	0	41	0	1	0
Panchbibi	1	93	0	5	1
<b>Total</b>	<b>7</b>	<b>265</b>	<b>7</b>	<b>17</b>	<b>5</b>

### 7.12 Number of different club and store 2011

Upazila	Sports club	Cultural club	Science club	Other social club
Akkelpur	15	1	0	11
Joypurhat sadar	19	7	3	171
Kalai	1	1	0	1
Khetlal	1	1	0	2
Panchbibi	0	0	0	1
<b>Total</b>	<b>36</b>	<b>10</b>	<b>3</b>	<b>186</b>

### 7.13 Number of hat-bazar, growth centre, hotel & restaurant 2011

Upazila	Daily bazar	Weekly hat	Growth centre	Restaurant	Hotel (residential)
Akkelpur	7	5	5	46	1
Joypurhat sadar	22	15	22	345	9
Kalai	6	9	5	72	0
Khetlal	2	11	2	28	0
Panchbibi	22	22	3	32	0
<b>Total</b>	<b>59</b>	<b>62</b>	<b>37</b>	<b>523</b>	<b>10</b>

### 7.14 Number of warehouse and their storage capacity 2011

(Capacity in metric ton)

Upazila	Food godown		Fertilizer godown		Jute godown		Other godown	
	Number	Capacity	Number	Capacity	Number	Capacity	Number	Capacity
Akkelpur	2	4000	0	0	0	0	0	0
Joypurhat sadar	11	7500	1	2200	0	0	0	0
Kalai	5	3000	0	0	1	0	0	0
Khetlal	2	1500	0	0	0	0	0	0
Panchbibi	5	450	0	0	0	0	0	0
<b>Total</b>	<b>25</b>	<b>16450</b>	<b>1</b>	<b>2200</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 7.15 Progress of rural electrification 2011

Upazila	Number of electrified							
	Village	Residential holding	Large scale industry	Small scale Industry	Deep tube-well	Power pump	Commercial holding	Others
Akkelpur	194	28314	0	208	184	1976	1804	0
Joypurhat sadar	156	19101	0	330	242	0	1217	0
Kalai	171	15162	0	105	197	0	1116	0
Khetlal	132	13910	0	207	735	0	969	0
Panchbibi	193	19340	4	300	361	695	1736	0
<b>Total</b>	<b>846</b>	<b>95827</b>	<b>4</b>	<b>1150</b>	<b>1719</b>	<b>2671</b>	<b>6842</b>	<b>0</b>

### 7.16 Number of technical personnel 2011

Upazila	Agricultural personnel	Live-stock personnel	Plant protection	Fishery personnel	Sanitary personnel	Family planning personnel	Trained midwife
Akkelpur	63	9	0	21	25	19	20
Joypurhat sadar	67	39	0	11	31	51	17
Kalai	22	8	11	4	10	69	7
Khetlal	15	7	0	12	26	37	16
Panchbibi	58	18	22	38	56	37	12
<b>Total</b>	<b>225</b>	<b>81</b>	<b>33</b>	<b>86</b>	<b>148</b>	<b>213</b>	<b>72</b>

**7.17 Number of community clinic and person engaged 2011**

Upazila	Number of clinic	Number of health assistant	Number of FPI	Number of FWV	Number of FWA	Number of other staff
Akkelpur	6	6	3	5	31	12
Joypurhat sadar	27	48	3	6	38	0
Kalai	17	20	2	6	24	58
Khetlal	16	0	0	0	0	0
Panchbibi	29	29	7	11	48	32
<b>Total</b>	<b>95</b>	<b>103</b>	<b>15</b>	<b>28</b>	<b>141</b>	<b>102</b>

Chapter sources: i) Demography and Health Wing, BBS  
ii) Upazila Statistical Office, BBS



# **CHAPTER 8**

## **Transportation and Communication**



## Transportation and Communication

### 8.01 Length of metalled, semi metalled and unmetalled road 2011

(Kilometer)				
Upazila	Metalled road	Semi metalled road	Unmetalled (kacha) road	Total
Akkelpur	94.02	26.71	243.43	279.16
Joypurhat sadar	121.00	25.00	234.00	380.00
Kalai	85.00	0.00	154.5	239.50
Khetlal	80.00	25.00	264.00	369.00
Panchbibi	103.00	7.00	290.00	400.00
<b>Total</b>	<b>380.02</b>	<b>76.71</b>	<b>1176.9</b>	<b>1267.66</b>

### 8.02 Length of railway and water way 2011

(Kilometer)			
Upazila	Total railway (all broad gage, meter gage & duel gage)	Water way in monsoon (river + canal)	Water way round the year (river + canal)
Akkelpur	21	264.43	367.7
Joypurhat sadar	11	67	0
Kalai	0	0	0
Khetlal	0	28	0
Panchbibi	14	56	0
<b>Total</b>	<b>46</b>	<b>415.43</b>	<b>367.7</b>

### 8.03 Length of embankment road & canal 2011

(Kilometer)			
Upazila	Embankment road	Canal	Others road
Akkelpur	11	6	0
Joypurhat sadar	4	0	380
Kalai	0	0	0
Khetlal	7	21	0
Panchbibi	0	0	0
<b>Total</b>	<b>22</b>	<b>27</b>	<b>380</b>

### 8.04 Number of bridge, baily bridge, culvert, pool, shako, etc. 2011

Upazila	Bridge	Baily bridge	Culvert	Pool	Shako	Others
Akkelpur	20	0	472	0	0	0
Joypurhat sadar	25	0	800	0	0	0
Kalai	09	0	453	0	38	0
Khetlal	12	1	326	112	82	7
Panchbibi	7	0	472	4	2	0
<b>Total</b>	<b>73</b>	<b>1</b>	<b>2523</b>	<b>116</b>	<b>122</b>	<b>7</b>

### 8.05 Number of railway station, steamer/launch station and bus stand 2011

Upazila	Railway station	Steamer/launch station	Bus stand
Akkelpur	4	0	3
Joypurhat sadar	1	0	7
Kalai	0	0	5
Khetlal	0	0	4
Panchbibi	1	0	4
<b>Total</b>	<b>6</b>	<b>0</b>	<b>23</b>

### 8.06 Number of registered rickshaw, van, easy bike and auto-rickshaw 2011

Upazila	Rickshaw	Van	Easy bike and auto-rickshaw	Tempo
Akkelpur	318	1678	52	21
Joypurhat sadar	1387	1714	271	89
Kalai	0	646	75	27
Khetlal	0	1185	0	75
Panchbibi	185	3150	54	35
<b>Total</b>	<b>1890</b>	<b>8373</b>	<b>452</b>	<b>247</b>

### 8.07 Number of non-registered rickshaw, van, easy bike and auto-rickshaw 2011

Upazila	Rickshaw	Van	Easy bike and auto-rickshaw	Tempo	Nochimon/korimon/ bhotvoti
Akkelpur	84	374	22	27	95
Joypurhat sadar	56	255	0	0	96
Kalai	25	646	75	27	65
Khetlal	0	1052	30	0	350
Panchbibi	10	25	0	0	20
<b>Total</b>	<b>175</b>	<b>2352</b>	<b>127</b>	<b>54</b>	<b>626</b>

Chapter sources: i) National Accounting Wing, BBS  
ii) Upazila Statistical Office, BBS



## **CHAPTER 9**

# **Price and Wage**



## Price and Wage

### 9.01 Average price of selected item 2011

(Price unit per kg/taka)

Upazila	Fine rice (minicate)	Medium rice	Coarse rice (normal)	Wheat	Coarse flour (Aata)	Potato	Soyabean oil
Akkelpur	45	29	25	24	28	10	128
Joypurhat sadar	42	32	28	22	24	10	130
Kalai	0	32	26	28	30	10	125
Khetlal	42	28	24	22	28	10	130
Panchbibi	41	30	24	20	28	12	106
<b>Average</b>	<b>34</b>	<b>30</b>	<b>25</b>	<b>23</b>	<b>28</b>	<b>10</b>	<b>124</b>

### 9.02 Annual average wholesale price of selected building material 2011

(Price in taka)

Upazila	Brick-01 (per1000)	Cement (per 50 kg bag)	Iron bar (per ton)	Sand-01 (per c.f.t.)	Sand -02 (per c.f.t.)	Stone (per c.f.t.)
Akkelpur	4500	290	2500	24	28	10
Joypurhat sadar	4200	320	2800	22	24	10
Kalai	4500	320	2600	28	30	10
Khetlal	4200	280	2400	22	28	10
Panchbibi	4100	300	2400	20	28	12
<b>Average</b>	<b>4400</b>	<b>302</b>	<b>2540</b>	<b>23</b>	<b>28</b>	<b>10</b>

### 9.03 Daily average wage rate of agricultural labour 2011

(Rate in taka)

Upazila	Labour		
	Male	Female	Child (under 15 years old)
Akkelpur	250	200	120
Joypurhat sadar	250	220	120
Kalai	250	180	80
Khetlal	260	150	0
Panchbibi	200	170	0
<b>Average</b>	<b>242</b>	<b>184</b>	<b>64</b>

### 9.04 Daily average wage rate of construction labour 2011

(Rate in taka)

Upazila	Labour					
	Mason	Helper (Jogaly)	Carpenter	Colour	Electric	Plumber
Akkelpur	280	220	250	300	300	350
Joypurhat sadar	350	250	350	350	400	300
Kalai	300	250	300	250	300	300
Khetlal	300	200	300	400	250	300
Panchbibi	300	200	250	300	250	300
<b>Average</b>	<b>306</b>	<b>224</b>	<b>290</b>	<b>320</b>	<b>300</b>	<b>310</b>

### 9.05 Daily average wage rate of non-agricultural labour 2011

Upazila	(Wage in taka)				
	Porter (coolee)	Garden labour male	Garden female labour	Other labour (Adult)	Other labour (Child)
Akkelpur	200	180	120	150	80
Joypurhat sadar	400	350	280	250	120
Kalai	300	200	150	250	100
Khetlal	350	140	0	250	0
Panchbibi	200	140	0	200	0
<b>Average</b>	<b>290</b>	<b>146</b>	<b>183</b>	<b>220</b>	<b>100</b>

### 9.06 Average doctor's fee per patient 2011

Upazila	(Fee in taka)				
	Doctor				
	MBBS	FCPS	Dentist	Gynaecologist	Homeopathy
Akkelpur	200	300	200	300	50
Joypurhat sadar	300	400	300	300	0
Kalai	100	0	50	0	30
Khetlal	0	0	0	0	0
Panchbibi	200	300	250	150	30
<b>Average</b>	<b>160</b>	<b>200</b>	<b>160</b>	<b>150</b>	<b>22</b>

### 9.07 Average rate of vehicle per kilo meter 2011

Upazila	(Rate in taka)				
	Vehicle				
	Rickshaw	Rickshaw van	Easy bike	Auto rickshaw	Tempo
Akkelpur	3	2	5	0	5
Joypurhat sadar	6	3	5	5	3
Kalai	10	8	10	10	8
Khetlal	2	2	2	2	2
Panchbibi	7	5	5	5	5
<b>Average</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>5</b>

Chapter sources: i) National Accounting Wing, BBS  
ii) Upazila Statistical Office, BBS

# **CHAPTER 10**

## **Urban Area Statistics**



## Urban Area Statistics

### 10.01 Number of ward, mahalla and household by municipality 2011

Upazila	Name of municipality	Total ward	Total mahalla	Total holding	Total household
Akkelpur	Akkelpur	9	15	6281	6281
Joypurhat sadar	Joypurhat	9	48	16843	16843
Kalai	Kalai	9	35	4411	4411
Khetlal	Khetlal	9	9	-	-
Panchbibi	Panchbibi	9	14	3150	3150
<b>Total</b>		<b>45</b>	<b>121</b>	<b>33045</b>	<b>33045</b>

### 10.02 Area, population and density by municipality 2011

Upazila	Name of municipality	Area (In sq. km.)	Population census-2011			Density per sq.km.
			Male	Female	Total	
Akkelpur	Akkelpur	17.30	12129	12098	24227	888
Joypurhat sadar	Joypurhat	18.45	35278	33755	69033	1221
Kalai	Kalai	13.11	8173	8291	16464	861
Khetlal	Khetlal	0	0	0	0	0
Panchbibi	Panchbibi	9.62	11283	11192	22475	75
<b>Total</b>		<b>58.48</b>	<b>66863</b>	<b>65336</b>	<b>132199</b>	<b>2261</b>

### 10.03 Number of primary school (Class I-V), teacher and student by municipality 2011

Upazila	Primary school			Number of teacher			Number of student			Students per teacher
	Govt	Non-govt	Total	Govt	Non-govt	Total	Govt	Non-govt	Total	
Akkelpur	9	4	13	47	17	64	1876	665	2541	40
Joypurhat sadar	8	4	12	61	16	77	2054	655	2709	35
Kalai	2	2	4	10	8	18	465	320	785	44
Khetlal	3	3	6	22	11	33	864	461	1325	40
Panchbibi	3	2	5	15	8	23	658	300	958	42
<b>Total</b>	<b>25</b>	<b>15</b>	<b>40</b>	<b>155</b>	<b>60</b>	<b>215</b>	<b>5917</b>	<b>2401</b>	<b>8318</b>	<b>39</b>

### 10.04 Number of secondary school, teacher and student by municipality 2011

Upazila	Number of institute	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	3	24	11	35	758	812	1570	45
Joypurhat sadar	12	113	44	157	2581	2607	5183	33
Kalai	2	18	5	23	254	351	606	26
Khetlal	3	70	24	94	884	1304	2188	23
Panchbibi	3	49	3	52	685	690	1375	26
<b>Total</b>	<b>23</b>	<b>274</b>	<b>87</b>	<b>361</b>	<b>5162</b>	<b>5764</b>	<b>10922</b>	<b>30</b>

### 10.05 Number of secondary school & college (operating jointly), teacher and student by municipality 2011

Upazila	Number of institute	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	3	24	11	35	758	812	1570	45
Joypurhat sadar	1	32	1	33	350	128	478	14
Kalai	2	18	5	23	254	351	606	26
Khetlal	1	16	9	25	0	911	911	36
Panchbibi	3	49	3	52	685	690	1375	26
<b>Total</b>	<b>12</b>	<b>193</b>	<b>44</b>	<b>237</b>	<b>2931</b>	<b>3285</b>	<b>6217</b>	<b>26</b>

### 10.06 Number of college, teacher and student by municipality 2011

Upazila	Number of college	Number of teacher			Number of student			Students per teacher
		Male	Female	Total	Male	Female	Total	
Akkelpur	1	45	8	53	1108	506	1614	30
Joypurhat sadar	4	101	14	115	6762	3467	10229	89
Kalai	4	64	12	76	303	927	1230	16
Khetlal	1	37	11	48	0	911	911	19
Panchbibi	2	45	8	53	432	638	1070	20
<b>Total</b>	<b>12</b>	<b>292</b>	<b>53</b>	<b>345</b>	<b>8605</b>	<b>6449</b>	<b>15054</b>	<b>44</b>

### 10.07 Number of vocational institute by municipality 2011

Upazila	Number of institution	Number of teacher	Number of student
Akkelpur	1	6	67
Joypurhat sadar	4	32	582
Kalai	0	0	0
Khetlal	1	14	170
Panchbibi	0	0	0
<b>Total</b>	<b>6</b>	<b>52</b>	<b>819</b>

### 10.08 Number of family planning clinical centre by municipality 2011

Upazila	Sterilization centre	Mobile centre	Injection centre	Menstrual regularization centre	Family welfare centre
Akkelpur	1	0	1	1	6
Joypurhat sadar	1	8	5	5	2
Kalai	1	0	1	1	1
Khetlal	1	0	2	2	2
Panchbibi	0	0	0	0	0
<b>Total</b>	<b>4</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>11</b>



### 10.09 Number of family planning personnel working by municipality 2011

Upazila	Doctor	Family planning inspector	Family planning assistant	Family planning visitor	Midwife/ birth attendant (Dai)
Akkelpur	1	3	2	5	20
Joypurhat sadar	2	3	1	6	17
Kalai	1	9	2	6	7
Khetlal	0	1	3	2	0
Panchbibi	1	1	1	2	0
<b>Total</b>	<b>5</b>	<b>17</b>	<b>9</b>	<b>21</b>	<b>44</b>

### 10.10 Number of fire service unit and causality by municipality 2011

Upazila	Fire service unit	Person employed	Fire case	Person dead	Person injured
Akkelpur	0	0	0	0	0
Joypurhat sadar	1	34	81	0	3
Kalai	0	0	0	0	0
Khetlal	0	0	0	0	0
Panchbibi	1	8	0	0	0
<b>Total</b>	<b>2</b>	<b>42</b>	<b>81</b>	<b>0</b>	<b>3</b>

### 10.11 Number of cinema hall and audience capacity by municipality 2011

Upazila	Number of cinema hall	Seating capacity	Show per day	Attendance (daily average)
Akkelpur	2	520	4	300
Joypurhat sadar	4	1690	4	240
Kalai	0	0	0	0
Khetlal	0	0	0	0
Panchbibi	1	450	3	250
<b>Total</b>	<b>7</b>	<b>2660</b>	<b>11</b>	<b>790</b>

### 10.12 Institutional accommodation facility by municipality 2011

Upazila	Residential hostel		Hall/hostel		Mess/barracks	
	Number	Capacity	Number	Capacity	Number	Capacity
Akkelpur	1	23	0	0	5	62
Joypurhat sadar	11	660	8	1000	26	520
Kalai	0	0	0	0	0	0
Khetlal	0	0	0	0	1	25
Panchbibi	0	0	0	0	5	100
<b>Total</b>	<b>12</b>	<b>683</b>	<b>8</b>	<b>1000</b>	<b>37</b>	<b>707</b>

### 10.13 Other accommodation facility by municipality 2011

Upazila	Orphanage		Slum area		Rufugee camp	
	Number	Capacity	Area in acre	Number H/H	Area in acre	Number H/H
Akkelpur	5	250	0	0	0	0
Joypurhat sadar	6	400	0	0	0	0
Kalai	0	0	0	0	0	0
Khetlal	1	26	0	0	0	0
Panchbibi	2	250	0	0	0	0
<b>Total</b>	<b>14</b>	<b>926</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 10.14 Police personnel and criminal offences by municipality 2011

Upazila	Police personnel	Criminal offence		Traffic accident (Reported)		
		Number of offence	Number of case filled	Number of accident	Person killed	Person injured
Akkelpur	41	156	156	1	1	0
Joypurhat sadar	56	193	193	4	3	10
Kalai	135	135	135	0	0	0
Khetlal	37	107	107	0	0	0
Panchbibi	30	520	441	0	0	0
<b>Total</b>	<b>299</b>	<b>1111</b>	<b>1032</b>	<b>5</b>	<b>4</b>	<b>10</b>

### 10.15 Medical institution and personnel by municipality 2011

Upazila	Government institution	Private institution	Medical personal			
			Bed	Doctor	Nurse	Technician
Akkelpur	1	0	50	6	14	6
Joypurhat sadar	1	25	350	106	148	53
Kalai	1	0	50	7	14	8
Khetlal	1	0	50	4	7	7
Panchbibi	0	0	0	0	0	0
<b>Total</b>	<b>4</b>	<b>25</b>	<b>500</b>	<b>123</b>	<b>183</b>	<b>74</b>

### 10.16 Number of published newspaper & television centre 2011

Upazila	Daily newspaper	Weekly newspaper	Magazine	Television centre
Akkelpur	0	0	0	0
Joypurhat sadar	0	0	0	0
Kalai	0	0	0	0
Khetlal	0	0	0	0
Panchbibi	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Chapter sources: i) Population and Housing Census 2011  
ii) Upazila Statistical Office, BBS

# **CHAPTER 11**

## **Public Administration, Accounts and Banking**



## Public Administration, Accounts and Banking

### 11.01 Sanction post of Government employee by category 2011

Upazila	Class-I	Class-II	Class-III	Class-IV	Number of total employee
Akkelpur	23	22	317	43	405
Joypurhat sadar	319	171	2008	515	3013
Kalai	48	24	272	75	419
Khetlal	35	34	208	88	365
Panchbibi	26	13	206	78	323
<b>Total</b>	<b>451</b>	<b>264</b>	<b>3011</b>	<b>799</b>	<b>4525</b>

### 11.02 Existing position of Government employee by category 2011

Upazila	Class-I	Class-II	Class-III	Class-IV	Number of total employee
Akkelpur	18	14	262	36	330
Joypurhat sadar	202	146	1714	436	2498
Kalai	17	17	200	64	298
Khetlal	18	27	154	60	259
Panchbibi	21	11	175	73	280
<b>Total</b>	<b>276</b>	<b>215</b>	<b>2505</b>	<b>669</b>	<b>3665</b>

### 11.03 Number of employee by type 2011

Upazila	Police personnel	Ansar personnel	VDP personnel	Autonomous bodies	Local Government employee
Akkelpur	41	246	9024	63	57
Joypurhat sadar	578	452	10880	85	315
Kalai	37	260	1522	34	85
Khetlal	37	100	4500	31	61
Panchbibi	30	700	4700	33	77
<b>Total</b>	<b>723</b>	<b>1758</b>	<b>30626</b>	<b>246</b>	<b>595</b>

### 11.04 Number of employee by local Government institution 2011

Upazila	City corporation	Municipality	Zila parishad	Upazila parishad	Union parishad
Akkelpur	0	27	0	6	57
Joypurhat sadar	0	61	21	4	95
Kalai	0	29	0	4	8
Khetlal	0	2	0	3	5
Panchbibi	0	29	0	0	8
<b>Total</b>	<b>0</b>	<b>148</b>	<b>21</b>	<b>17</b>	<b>173</b>

### 11.05 Number of branch of nationalized commercial bank 2011

Upazila	Number of branch	Number of employee	Number of savings A/C	Number of current account
Akkelpur	5	81	43834	4188
Joypurhat sadar	7	92	50099	3297
Kalai	5	73	17963	2777
Khetlal	2	21	10345	1211
Panchbibi	5	46	1620	244
<b>Total</b>	<b>24</b>	<b>313</b>	<b>123861</b>	<b>117170</b>

### 11.06 Number of branch of private commercial bank 2011

Upazila	Number of branch	Number of employee	Number of savings A/C	Number of current A/C
Akkelpur	0	0	0	0
Joypurhat sadar	7	123	23080	4637
Kalai	5	41	10500	7337
Khetlal	0	0	0	0
Panchbibi	0	0	0	0
<b>Total</b>	<b>12</b>	<b>164</b>	<b>33580</b>	<b>11974</b>

### 11.07 Number of branch of Grameen bank 2011

Upazila	Number of branch	Number of employee	Number of member	Number of account
Akkelpur	3	27	6526	14897
Joypurhat sadar	6	65	20079	24458
Kalai	5	41	17837	17837
Khetlal	2	17	8124	8124
Panchbibi	0	0	0	0
<b>Total</b>	<b>16</b>	<b>150</b>	<b>52566</b>	<b>65316</b>

### 11.08 Number of insurance company 2011

Upazila	Number of insurance company	Number of employee	Number of client
Akkelpur	13	192	693000
Joypurhat sadar	12	65	13952
Kalai	7	359	92000
Khetlal	6	247	68400
Panchbibi	0	0	0
<b>Total</b>	<b>38</b>	<b>863</b>	<b>867352</b>

### 11.09 Number of branch and accounts of Sonali and Janata bank 2011

Upazila	Sonali bank					Janata bank				
	Number of branch	Account				Number of branch	Account			
		S.D	C.D	F.D	S.T.D		S.D	C.D	F.D	S.T.D
Akkelpur	1	5977	1005	100	33	1	4732	812	65	23
Joypurhat sadar	3	20940	1651	217	121	1	7180	639	289	49
Kalai	2	7028	90	48	86	0	0	0	0	0
Khetlal	1	9000	0	100	68	0	0	0	0	0
Panchbibi	1	406	56	16	2	480	405	65	18	2
<b>Total</b>	<b>8</b>	<b>43351</b>	<b>2802</b>	<b>481</b>	<b>310</b>	<b>482</b>	<b>12317</b>	<b>1516</b>	<b>372</b>	<b>74</b>

### 11.10 Number of branch and accounts of Rupali and Agrani bank 2011

Upazila	Rupali bank					Agrani bank				
	Number of branch	Account				Number of branch	Account			
		S.D	C.D	F.D	S.T.D		S.D	C.D	F.D	S.T.D
Akkelpur	2	6103	393	138	13	1	15887	1761	76	33
Joypurhat sadar	1	7262	177	80	88	2	19217	830	133	95
Kalai	1	2300	30	14	31	2	9278	1317	172	1
Khetlal	1	1345	111	56	14	0	0	0	0	0
Panchbibi	0	0	0	0	0	3	666	69	72	6
<b>Total</b>	<b>5</b>	<b>17010</b>	<b>711</b>	<b>288</b>	<b>146</b>	<b>8</b>	<b>45048</b>	<b>3977</b>	<b>453</b>	<b>135</b>

### 11.11 Number of branch and accounts of Krishi and Co-operative bank 2011

Upazila	Krishi bank					Co-operative bank				
	Number of branch	Account				Number of branch	Account			
		S.D	C.D	F.D	S.T.D		S.D	C.D	F.D	S.T.D
Akkelpur	2	11135	217	107	26	0	0	0	0	0
Joypurhat sadar	4	13138	456	129	294	0	0	0	0	0
Kalai	2	5758	252	110	10	0	0	0	0	0
Khetlal	2	20585	310	90	14	0	0	0	0	0
Panchbibi	5	7048	107	235	18	0	0	0	0	0
<b>Total</b>	<b>15</b>	<b>57664</b>	<b>1342</b>	<b>671</b>	<b>362</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Chapter source: Upazila Statistical Office, BBS





# **CHAPTER 12**

## **Miscellaneous**



## Miscellaneous

### 12.01 Number of Government health complex and health facility 2011

Upazila	Number of hospital/ clinic/ nursing home	Number of bed	Number of doctor	Number of nurse	Number of technician	Number of other staff	Number of patient under health facility			
							Indoor		Outdoor	
							Male	Female	Male	Female
Akkelpur	1	50	6	14	6	93	3222	2149	49161	32774
Joypurhat sadar	1	100	31	73	3	95	91021	11618	70368	97316
Kalai	1	50	7	14	8	58	1795	1965	20522	29419
Khetlal	1	50	4	7	7	55	1680	1820	18650	26620
Panchbibi	1	50	5	9	1	22	2527	2856	3730	4042
<b>Total</b>	<b>5</b>	<b>300</b>	<b>53</b>	<b>117</b>	<b>25</b>	<b>323</b>	<b>100245</b>	<b>20408</b>	<b>162431</b>	<b>190171</b>

### 12.02 Number of Non-Government health complex and health facility 2011

Upazila	Number of hospital/ clinic/ nursing home	Number of bed	Number of doctor	Number of nurse	Number of technician	Number of other staff	Number of patient under health facility			
							Indoor		Outdoor	
							Male	Female	Male	Female
Akkelpur	0	0	0	0	0	0	0	0	0	0
Joypurhat sadar	25	250	75	75	50	252	5151	6712	3112	4213
Kalai	0	0	0	0	0	0	0	0	0	0
Khetlal	0	0	0	0	0	0	0	0	0	0
Panchbibi	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>25</b>	<b>250</b>	<b>75</b>	<b>75</b>	<b>50</b>	<b>252</b>	<b>5151</b>	<b>6712</b>	<b>3112</b>	<b>4213</b>

### 12.03 Number of person/institute borrowing money from nationalized bank 2011

Upazila	Number of branch of all nationalized banks	Number of borrower									
		Agriculture debt		Industry debt		Other debt		Number of borrower		Total debt (crore tk)	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Akkelpur	5	427	73	1	0	575	0	1003	73	12.36	3.59
Joypurhat sadar	7	215	12	0	0	1275	550	1490	562	82.14	4
Kalai	7	7264	6870	3	2	2403	1031	9650	7903	93	49.5
Khetlal	5	6721	82	0	0	1140	950	7861	1032	78.15	1.68
Panchbibi	10	5270	5	1	0	1769	12	7040	17	2.54	0.05
<b>Total</b>	<b>34</b>	<b>19897</b>	<b>7042</b>	<b>5</b>	<b>2</b>	<b>7162</b>	<b>2543</b>	<b>27044</b>	<b>9587</b>	<b>268.2</b>	<b>58.61</b>

### 12.04 Number of person/institute borrowing money from private commercial bank 2011

Upazila	Number of branch of all private commercial banks	Number of borrower									
		Agriculture debt		Industry debt		Other debt		Number of borrower		Total debt (crore tk)	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Akkelpur	0	0	0	0	0	0	0	0	0	0	0
Joypurhat sadar	7	121	0	0	0	784	21	905	21	40.65	2
Kalai	0	0	0	0	0	0	0	0	0	0	0
Khetlal	0	0	0	0	0	0	0	0	0	0	0
Panchbibi	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>7</b>	<b>121</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>784</b>	<b>21</b>	<b>905</b>	<b>21</b>	<b>40.65</b>	<b>2</b>

Chapter source: Upazila Statistical Office, BBS

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