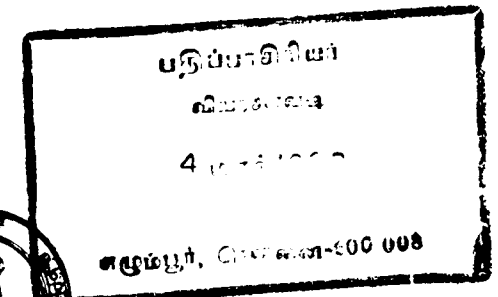


PUNJAB DISTRICT GAZETTEERS



29/88.

LUDHIANA

SUPPLEMENT

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FOREWORD

The revised edition of the Ludhiana District Gazetteer was published in 1970 by the Revenue Department and its Supplement had become due. The object of the Supplement is to update the statistical data and other information contained in the main volume, besides making additions, wherever necessary. It is the first Supplement to be published in the series of Supplements to the District Gazetteers of Punjab.

It is hoped that the present volume will be read with interest both by the research scholars and the general readers.

CHANDIGARH

19 December 1984

B. B. MAHAJAN

Financial Commissioner, Revenue,
Punjab.

Printed by :
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1985

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4 ਮਾਰਚ 1985

PREFACE ਸ਼ੁੱਕਰਵਾਰ, 6 ਮਾਰਚ 1985

The revised edition of the Ludhiana District Gazetteer was published in 1970 by the Revenue Department. Normally, Supplement of a District Gazetteer becomes due after 10 years of the publication of the parent volume—hence the need of the present Supplementary of the Ludhiana District Gazetteer.

A Supplementary is not something new, but rather an adjunct or continuation of the parent volume. The object of issuing such Supplements to the District Gazetteers is to update the statistical and other data contained in the parent volumes. The present volume is intended to supplement statistical as well as descriptive information contained in the revised edition. Every attempt has been made to bring the statistical data as up to date as possible.

In the preparation of this volume, the State Gazetteers Unit has benefited immensely by the able guidance and encouragement given by Shri B. B. Mahajan, IAS, the then Financial Commissioner, Revenue, and other officers of the department from time to time.

My thanks are due to all members of the staff of the Gazetteers Unit, especially to Sarvshri Jagmohan Singh Hans, Editor and Rajinder Kumar Gupta, Compiler for assisting me in the preparation of this volume.

I am grateful to the Deputy Commissioner, Ludhiana and other officers working under him for supplying the requisite information/data for the compilation of this volume.

I am also thankful to the Controller, Printing and Stationery Department, Chandigarh and his staff for extending their cooperation in the printing of this volume.

CHANDIGARH

14 August 1985

B. R. SHARMA

State Editor, Gazetteers,
Punjab.

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CHAPTER I

GENERAL

Administrative Divisions of the District:—Ludhiana District consists of 4 tahsils/subdivisions, viz. Samrala, Khanna¹, Jagraon and Ludhiana. Besides, there are 3 sub-tahsils, viz. Raikot, Payal and Malaud. There are 10 development blocks in the district, viz. Ludhiana I, Ludhiana II, Pakhowal, Dehlon, Doraha, Samrala, Machhiwara, Jagraon, Sudhar and Sidhwan Bet.

Boundary Changes.—The only change in the jurisdiction of the district since the publication of the last Ludhiana District Gazetteer (1970) was limited to the addition of six villages, viz. Dapana, Kamalpur, Sakander Pur, Tandi, Nurpur and Shergarh of Balachaur Tahsil of Hoshiarpur District to Samrala Tahsil of the District in 1979. According to 1981 Census, the district had 958 villages.

Average rainfall in the district.—The monthly average rainfall in the Ludhiana District, during 1966 to 1982, is given in Table 1.

Temperature.—May is generally the hottest month with the mean daily maximum temperature at 41.2° C and the mean daily minimum at 24.2° C. On individual days, however, the day temperature may reach between 45° C and 48° C. From about November, both the day and night temperatures decrease rapidly till January which is the coldest month. The mean daily maximum in January is 20.2° C and the mean daily minimum 5.8° C.

The highest maximum temperature recorded at Ludhiana was 48.3° C on 29 May 1944, while the lowest minimum temperature was—3.4° C on 18 November 1976.

Table No. 2 gives the normals of temperature and relative humidity during different months of year in Ludhiana District.

Special Weather Phenomena.—The following tables 3 and 4 give the mean wind speed and special weather phenomena, respectively for Ludhiana:—

¹Khanna Tahsil came into existence on 10 September 1979.

TABLE—1
Monthly Average rainfall in Ludhiana District during the years 1966, 1971 and 1976 to 1982

(In centimetres)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1966	—	4.70	1.57	0.57	3.41	7.63	9.42	31.54	9.18	1.40	—	0.44	69.86
1971	0.04	4.44	0.06	—	4.02	11.31	21.92	17.95	2.32	0.11	0.66	—	62.83
1976	4.30	7.85	2.27	0.14	0.03	7.77	19.21	24.88	2.63	—	—	0.15	69.23
1977	3.99	0.17	0.10	4.22	5.99	9.67	24.82	23.54	12.82	0.39	0.09	2.02	87.82
1978	3.04	3.11	2.54	1.52	1.44	4.79	18.52	15.71	11.34	1.12	0.28	1.78	65.19
1979	2.79	7.24	4.82	1.61	1.66	2.63	13.76	2.80	3.97	—	1.22	0.51	43.01
1980	2.47	0.94	3.34	0.13	0.60	5.67	30.22	13.59	6.66	1.30	1.52	7.36	73.80
1981	3.03	1.91	2.54	1.52	1.24	4.79	18.52	15.70	11.34	1.11	0.28	1.74	63.72
1982	3.00	3.10	2.50	1.50	1.20	4.80	18.50	15.70	11.30	1.10	0.30	1.70	64.70

LUDHIANA

(Statistical Abstracts of Punjab, 1967, 1972 and 1977 to 1983).

TABLE—2
Normals of Temperature and Relative Humidity
(LUDHIANA)

Month	Mean Daily Maximum Temperature °C	Mean Daily Minimum Temperature °C	Highest Maximum ever recorded °C	Lowest Minimum ever recorded °C	Relative Humidity*	
					0830	1730
January	20.2	5.8	28.9	-2.2	83	53
February	23.3	8.4	33.3	-1.1	78	44
March	29.0	12.9	41.1	1.3	67	38
April	36.0	18.5	46.1	8.9	47	27
May	41.2	24.2	48.3	11.7	37	22
June	41.1	27.1	47.9	18.0	49	32
July	36.0	26.7	47.8	17.4	74	60
August	34.7	26.1	44.4	8.6	79	66
September	35.3	23.9	41.7	15.2	74	53
October	33.9	17.5	40.0	9.4	64	39
November	28.8	10.1	35.8	-3.4	64	39
December	22.9	6.2	29.4	-1.1	79	50
Annual	31.9	17.3			66	44

*Hours I.S.T.

(Source : Additional Director-General of Meteorology (Research), Pune)

GENERAL

TABLE—3
Mean Wind Speed in Km/Hr
(LUDHIANA)

January	February	March	April	May	June	July	August	September	October	November	December	Annual
2.6	3.2	3.9	4.0	4.8	4.9	4.2	3.4	2.9	2.2	2.0	1.9	3.3

LUDHIANA

TABLE—4
Special Weather Phenomena

Mean No. of days with*	Jan- uary	Feb- ruary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber	Annual	
Thunder	..	0.6	0.3	0.9	0.7	1.5	0.8	1.1	0.9	0.4	0.3	0.1	0.0	7.6
Hail	..	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Dust Storm	..	0.0	0.0	0.0	0.2	0.8	1.0	0.4	0.0	0.1	0.1	0.0	0.0	2.6
Squall	..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fog	..	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.2

*No. of days 2 and above are given in whole numbers.

(Source : Additional Director-General of Meteorology (Research), Pune)

CHAPTER II

HISTORY

Early Period

Places of historical interest like Sunet, Sanghol, Tihara, Machhiwara and Bahlolpur date from the ancient period. The area comprising the Ludhiana District seems to have formed a portion of kingdom of Magadh. It was under the Yaudheyas from the first to the middle of the fourth century A.D. when they were subdued by Samudragupta. Some of the important events in the history of the District are mentioned below :

Medieval Period

- A.D. 1192—1206 .. The agricultural population of the district began immigrating from about the 12th century onwards. Rajputs were the first settlers. Turks and Afghans settled during the reign of Muhammad Ghori (A.D. 1192 to 1206). They were followed by the Jats.
- A.D. 1451—1525 .. The founding of the Ludhiana Town and the first systematic attempt to people the country about it and to set up a settled government dates from the Lodhi family which subsequently held the throne of Delhi from A.D. 1451 to 1525.
- 1526—1555 .. On the overthrow of the Lodhi dynasty by Babar in 1526, the country came under the Mughals though for a short period (1539—1555) along with the rest of empire it remained under the Sur dynasty.
- 1556—1605 .. Advent of most of the people in the eastern part of district and founding of their villages may be ascribed to the reign of Akbar (1556—1605).
- 1700—1704 .. Guru Gobind Singh (1675—1708), the tenth and last of the Sikh Gurus, succeeded Guru Tegh Bahadur ; and under him commenced the long struggle between the Cis-Satluj Sikhs and the Muhammadan Governors of Sirhind. Ludhiana District, with the adjoining country to the south,

was the scene of many of the great Guru's exploits and encounters with his enemies ; and in Sirhind about the year 1700, his two younger sons were bricked alive and his mother died out of shock. After his escape from the forests of Chamkaur in 1704, Guru Gobind Singh reached Machhiwara.

1710

.. After the death of Guru Gobind Singh in 1708, Banda Bahadur appeared on the scene and took the leadership of the Sikhs. The Sikhs under Banda Bahadur twice overran the country between the Satluj and the Yamuna and Sirhind was completely sacked.

1714

.. Conflicts among Rai Kalha(II) of Raikot, Maharaja Ala Singh of Patiala and the representative of the Delhi empire at Sirhind.

1741

.. Combination of Maharaja Ala Singh and representative of the Delhi empire at Sirhind against Rai Kalha for a short time, after which Rai Kalha was able to extend his territories unopposed.

1747-48

.. During the first invasion of India by Ahmad Shah Durrani, the ruler of Kabul, the battle of Manpur (tahsil Samrala) between the Afghans and the Mughals took place on 11 March 1748.

During the subsequent invasion of Ahmad Shah Durrani, his armies were constantly harassed by the Phulkian Chiefs and the Rais of Raikot but no resistance was attempted by the Mughal troops in Sirhind.

About 1760

The Rais of Raikot permitted by Ahmad Shah Durrani to take possession of the town and fort of Ludhiana and extend their power over the country.

April-May to September 1758

Adina Beg Khan appointed as Maratha viceroy of the Punjab from April-May 1758 to his death on 15 September 1758.

1 February 1759

Jankoji Shinde marched towards Lahore to maintain peace and order in the Punjab. But, on

his arrival at Machhiwara on the southern bank of the Satluj in March 1759, he did not cross the river as he found the Sikhs virtually in possession of Lahore and its neighbourhood.

5 February 1762

Wadda Ghalughara or the great holocaust near village Kup (about 10 km from Malerkotla), in which Ahmed Shah Durrani killed thousands of Sikhs, mostly old men, women and children.

14 January 1764

Sikhs took possession of Sirhind after defeating and killing its Durrani Governor, Zain Khan. Thus, vanished the last vestige of imperial control over the portion of the country of which it was the headquarters. This led to the partition of the country among the cis-Satluj chiefs.

1765

.. Ahmed Shah Durrani passed through the country and appointed Maharaja Ala Singh of Patiala as Governor of Sirhind.

1767

.. Ahmed Shah reached Ludhiana on his last expedition into India and confirmed the grandson of Ala Singh in the Government of Sirhind.

1785

.. Change in the course of the River Satluj and the coming of the vast *bet* area to the Ludhiana District.

1794

.. Under Bedi Sahib Singh of Una, the Sikhs from across the Satluj started their in roads proclaiming a religious war against the Pathans of Malerkotla, from which the celebrated Bedi was dissuaded by the Patiala ruler.

1798

.. Similar attack was made by Bedi Sahib Singh on Rai Illyas of Raikot. The Phulkian Chiefs came to the rescue of the Rai and drove the invaders out of most of the villages seized by them. The Bedi thereon invested the fort of Ludhiana which would have fallen had not Rai Illyas sent for George Thomas of Hansi. Hearing the approach of George Thomas, the Bedi raised the siege and he took himself to his home beyond the Satluj.

- 1806-1807 .. During his two expeditions in the Cis-Satluj territory in 1806 and 1807, Maharaja Ranjit Singh, besides stripping the Rais of Raikot of all their territory save two or three villages given to them for maintenance, also annexed the possessions across the Satluj held by a widow, Rani Lachmi, of Sudha Singh (Sahnewal), as well as those of Tara Singh Ghaiba, also held by a widow, and the Kakar villages. These conquests were divided by Maharaja between himself and his adherents.

Modern Period—Pre-independence

- 25 April 1809 .. British interference in the Cis-Satluj territory and the Treaty of 1809 by which Maharaja Ranjit Singh and his dependents were allowed to retain all territories on the British side of the Satluj acquired in 1806 and 1807.
- 1809 .. The British Political Agency was established at Ludhiana. It continued up to 1845 and further contributed to the importance of the town.
- 1814—1816 .. The British campaign against the Gorkhas in the Shimla Hill States was conducted from Ludhiana, the headquarters of the British Political Agency.
- 1816—1838 .. Sojourn of Shah Shuja-ul-Mulk, ex-king of Afghanistan, at Ludhiana.
- 1838-1839 .. The expedition to place Shah Shuja on the Kabul throne, undertaken in pursuance of the Tripartite Treaty of 1838 among the East India Company, Shah Shuja-ul-Mulk and Maharaja Ranjit Singh, was organised and executed by the British Political Agent at Ludhiana.
- 1820—1847 .. Originally founded in India by Saiyed Ahmad Shah (1786—1831) of Rai Bareilly, the Wahabi movement among the Muslims aimed at the overthrow of the Sikhs in the Punjab and the British in Bengal. Under the leadership of Maulana Shah Abdul Qadir (died in 1860), Ludhiana was an important centre of the movement and the Muslims of this place remained all through in the fore front of this Jihad.

- 1845-1846 .. First Anglo-Sikh War :
—Action at Baddowal, 21 January 1846
—Battle of Aliwal, 28 January 1846
—Close of Satluj campaign, 11 February 1846
and the annexation of the cis-Satluj possession of the Lahore Darbar.
- 1846-1847 .. Summary Settlement of the new acquisition of the cis-Satluj territory by the British as a result of the First Anglo-Sikh War.
- 1847 .. Formation of the Ludhiana District out of the acquisition of the cis-Satluj territory by the British as a result of the First Anglo-Sikh War.
- 1849—1853 .. Regular Settlement of the Ludhiana District.
- 9 June 1857 .. The uprising at Ludhiana during the Great Revolt of 1857 and the active participation therein of Maulana Abdul Qadir of Ludhiana and his family.
- 1857—1872 .. Progress of the Namdhari movement, with headquarters at Bhaini Sahib, and its suppression on 17 January 1872. Association of Lala Lajpat Rai (1865—1928) with Jagraon in Ludhiana District.
- December 1888 .. Fatwa issued by the Maulana brothers, Shah Muhammad and Abdul Aziz, of Ludhiana, refuting the views and injunctions of Sir Syed Ahmed Khan to the Muslims to boycott the Congress. By urging the Muslims to join the Indian National Congress, the Ludhiana, Mulana brothers rendered a great service to the then newly born national organisation and laid the foundation of the nationalist school of thought among the Muslims of India.
- 1910 .. Khawaja Ahad Shah of Ludhiana elected to the Central Legislative Council as liberal congressite. He remained its member for nine years till 1919.

- 1913—1915 .. The Ludhiana District occupied as honourable place in the Ghadar Movement, 1913—1915, which aimed at liberating the country from the British rule through armed revolt. Prominent among those from the district who played a leading role in the movement were Munshi Karim Bakhsh (of Ludhiana), Kartar Singh (of village Sarabha, tahsil Ludhiana), Dewa Singh (of Ludhiana), Sucha Singh (of Ludhiana), Bhai Randhir Singh (of Narangwal), Nand Singh, Rulia Singh Gurmukh Singh, etc.
- 1918-1919 .. Protests, public meetings, strikes and other disturbances against the oppressive Rowlatt Act, 1918.
- 1919 .. Formation of the District Congress Committee, Ludhiana.
- 1920—1922 .. The Khilafat movement was started in the district from 1 January 1920, when the Khilafat Committee was formed at Ludhiana. Its membership was extended to all the Committees.
- 1920—1922 .. During the Non-Cooperation movement, a large number of people offered *Satyagrah* and were put in jail.
- Ludhiana as the chief centre of the Ahrar movement among the Muslims who agitated against the British imperialism in collaboration with the Indian Congress.
- 1920—1925 .. The Akali movement produced a powerful impact on the district. Among the prominent persons thrown up by the movement from the Ludhiana District, the name of Sardar Mangal Singh (Editor of the paper 'Akali', published from Amritsar) deserves mention.
- 1922—1926 .. The repressive measures of the Government to crush the Akali movement led to the formation of the Babbar Akali movement. One of its valiant heroes from the Ludhiana District was Babu Santa Singh who was arrested, tortured and ultimately hanged on 27 February 1926.

- 1925 .. Boycott of the Governor's Darbar at Ludhiana.
- 1928 .. All India Muslim Kashmir Conference held at Ludhiana under the Chairmanship of Pt. Moti Lal Nehru.
- 1930 .. The Civil Disobedience movement started in Ludhiana on 11 April 1930, by unlawfully preparing salt at a public meeting.
- 16-17 March 1931 Punjab Provincial Political Conference held at Ludhiana.
- 1938 .. Ludhiana District Political Conference held at Village Gujarwal (tahsil Ludhiana) early in 1938.
- 1938 .. States Peoples' Conference held at Ludhiana under the Chairmanship of Pt. Jawahar Lal Nehru.
- 1940 .. Ludhiana District participated in the Civil Disobedience movement (Individual *Satyagrah*) started by Gandhiji towards the end of 1940.
- 1942 .. In spite of repressive measures adopted by the British Government, great enthusiasm prevailed among the people in the district during the 'Quit India Movement' and a large number of persons were sent to jail.

CHAPTER III

PEOPLE

Distribution of Population between Rural and Urban Areas

According to 1981 Census, there are 9 towns in the district, viz. Ludhiana, Khanna, Jagraon, Raikot, Samrala, Doraha, Payal, Machhiwara and Mullanpur Dakha. Among them Ludhiana is classified as Municipal Corporation, while others are Municipal Committees, except Machhiwara and Mullanpur Dakha, which are Notified Area Committees. All these towns accommodate 42.01 per cent of the total population of the district which is highest as compared to the other districts of the Punjab State. The following table gives the distribution of population between the rural and urban areas by tahsils in the district according to 1981 Census:—

Tahsil/District	Total population	Males	Females	Rural	Urban
Ludhiana District	.. 18,18,912	9,78,276	8,40,636	10,54,772	7,64,140
Jagraon Tahsil	.. 3,50,744	1,83,879	1,66,865	2,88,807	61,937
Ludhiana Tahsil	.. 10,14,254	5,51,945	4,62,309	3,99,087	6,15,167
Samrala Tahsil	.. 2,10,500	1,12,186	98,314	1,90,055	20,445
Khanna Tahsil	.. 2,43,414	1,30,266	1,13,148	1,76,823	66,591

(Census of India, 1981 Series—17, Punjab Part II, General Population Tables pp. 1-27)

Density of Population

The density of population of the district has increased from 295 persons per sq. km. in 1961 to 472 in 1981. The same trend was noticed in all the tahsils of the district. Ludhiana Tahsil had the highest density of population with 693 persons per sq.km. in 1981, whereas the Samrala Tahsil had the lowest with 316 persons per sq. km. The density of population is given below :

Year	Density of Population
	(per sq. km.)
1961	.. 295
1971	.. 374
1981	.. 472

(Census of India, 1981, Series—17, Punjab Part II, General Population Tables, pp. 206 and 210)

Growth of Population

The population of the Ludhiana District as at the sunrise of 1 March 1981, was 18,18,912, of which 9,78,276 were males and 8,40,636 were females. The net addition to the population between 1971 and 1981 was 3,98,857 thereby recording a decennial growth rate of 28.09 per cent during the decade as against the state growth rate of 23.90 per cent. The rate of growth recorded during the previous decade 1961-71 was 28.24 per-cent. The table given hereunder shows the population of the district from 1961 onwards with the decennial growth rates:

Year	Population	Percentage decade variation
1961	11,07,310	—
1971	14,20,055	28.24
1981	18,18,912	28.09

Population of Scheduled Castes and Scheduled Tribes

According to 1981 Census, the population of Scheduled Castes in the district was 4,58,012 as against 3,37,315 in 1971.

The following table shows the tahsilwise distribution of scheduled castes population in the district according to 1971 and 1981 Census :—

Tahsil/District	1971			1981		
	Total	Males	Females	Total	Males	Females
Jagraon Tahsil	82,559	44,141	38,418	1,08,149	57,303	50,846
Ludhiana Tahsil	1,75,489	95,977	79,512	2,10,595	1,11,160	96,435
Samrala Tahsil	79,267	43,315	35,952	65,086	35,090	29,996
Khanna Tahsil*	—	—	—	74,182	40,118	34,064
Total District	3,37,315	1,83,433	1,53,882	4,58,012	2,46,671	2,11,341

(Census of India, 1981, Series—17—Punjab, Part II, General Population Tables, pp 206 and 210).

*Khanna Tahsil which was carved out from the areas of Ludhiana and Samrala Tahsils came into existence in 1979.

Distribution of Population by Religion.—The distribution of population of the district by religion according to 1971 and 1981 Census are given below:

Population classified by Religion						
Religion	1971			1981		
	Total	Males	Females	Total	Males	Females
Sikhs	.. 9,32,712	4,99,761	4,32,951	..	..	..
Hindus	.. 4,71,519	2,60,864	2,10,655	..	..	..
Muslims	.. 5,620	3,136	2,484	..	..	..
Christians	.. 3,027	1,603	1,424	..	..	..
Buddhist	.. 126	37	89	..	..	..
Jains	.. 6,176	3,218	2,958	..	..	..
Other Religions	—	—	—	..	..	..
Religion not stated	241	134	107			
Total	.. 14,19,421	7,68,753	6,50,668	..	..	..

Population of Towns

The proportion between rural and urban population in the district in 1981 was 51.99 and 42.01 respectively, as against 65.19 and 34.81 in 1971. It indicates the general trend of population to settle in the urban areas. Rapid industrialization of Ludhiana and Khanna towns and the conversion of some major villages into towns are the main factors responsible

for this steep rise. The population of towns in the Ludhiana District is given below :

Towns	1961	1971	1981
Ludhiana	.. 2,44,032	4,01,176	6,07,052
Jagraon	.. 29,617	32,999	39,683
Raikot	.. 11,239	11,709	17,106
Khanna	.. 29,416	34,820	53,761
Samrala	.. 5,439	7,554	10,824
Doraha	.. 4,602	5,804	7,606
Payal	.. —	—	5,224
Machhiwara	.. —	—	9,621
Mullanpur Dakha	.. —	—	8,115

Village Classified by Population.—The table given below shows the number of villages classified by various ranges of population in Ludhiana District, according to 1971 and 1981 Census :

Year	Total No. of villages	Less than 200	200-499	500-999	1000-1999	2000-4999	5000-9999	10,000 and above
1971	.. 976	137	217	282	236	96	7	—
1981	.. 958	85	201	266	279	120	7	—

(Census of India, 1981, Series-17, Punjab, Part II, General Population Tables)

Fairs and Festivals

The gay and vivacious Punjabies are very fond of fairs and festivals and almost every fortnight, there is a fair or a festival in one part of the state or the other. People come to participate in such functions from far of places, trudging dusty distances. Some of the fairs are held in memory of saints or pirs, and people from all communities participate in them. Men, women and children of all ages, classes and creeds flock in hundreds and enjoy the numerous fascinating features of the fair; races,

wrestling bouts, singing, acrobatics, etc. They play on folk instruments such as *wanjhli* and *algoza*. To a lover of culture, a Punjabi fair is an aesthetic treat.

The description of festivals has already been given in the Main Volume of the Gazetteer published in 1970. A list of fairs held in the district has also been given there. However, the prominent fairs celebrated in the district, which attract a large number of visitors, are described as under :

Chhapar Fair.—The village Chhapar, the venue of famous gugga fair, popularly known as *Chhapar da Mela*, after the name of the village is located about 3 km west of Ahmedgarh Town which is a railway station and also is a bus terminus on the Ludhiana-Malerkotla road.

The fair is held on *Anant Chaudash*, the 14th day of the bright half of Bhadon in honour of Gugga Pir. It lasts for three days. A big shrine known as 'Gugga di Marhi' was built in his memory in 1890. The Pir was very popular in his time and his disciples are found all over the Punjab. According to a widely prevalent legend, there lived a Sikh Jat farmer of Sekhon *gotra* in village Chhapar about two centuries back. The present site of the Gugga shrine and the area around it were included in his agricultural holding which were covered with cotton crop. The farmer's wife with her newly born baby used to go to the fields for picking cotton. While engaged in the field work, the mother would place the baby in a basket under a *ber* tree. It is said that a cobra daily provided shade to the child with its expanded hood. The mother had witnessed this incident several times, and she felt convinced that her son was the incarnation of some supernatural being. For her, this scene became quite usual. She never got frightened nor ever attacked the cobra for guarding the infant. One day when the mother was engaged in her field work and the infant was lying there, a passer-by witnessed the cobra expanded its hood on the baby and he killed the cobra. He called up the mother and narrated the incident. As she and her companion approached the infant, they were shocked to find him dead. It was the day of *Anant Chaudash* and the month of Bhadon. The cobra and the infant were buried together according to the wish of the mother. On the 40th night following the death, the mother was visited in her dream by her infant son who disclosed that he was Gugga incarnate and that cobra was his body-guard. He asked his mother to deliver that piece of dand to Brahmans in charity and to erect a shrine on the spot, they were buried. The parents of the child acted accordingly.

On the day this fair is held, villagers scoop the earth seven times because they believe that in this way they invoke Gugga Pir to protect them against snakes. This shrine has a reputation for curing people of snake-bite. It is strongly believed that if a person is bitten by a snake, all that has to be done is to take him to the shrine, lay him beside it, he is then sure to be cured.

Jarag Fair.—This fair is held in Jarag, a village in sub-tahsil of Payal. It is held in Chet (March-April) in honour of goddess Seetla. The *matties* (shrines dedicated to the goddess) are located towards the south of the village and are worshipped by the people. According to the legend, Dhram Singh, a resident of the village took a pledge to construct a temple dedicated to the goddess, in case she blessed him with a son. The wishes of the devotee were fulfilled and he constructed four temples at the site. One is dedicated to the goddess Masani, the second is associated with Bari Mata, the third belongs to Mata Basanti and the fourth to Baba Farid.

This fair is also known as Batheria fair. Sweet *gulgulas* (Jaggery cakes fried in oil) are prepared one day earlier and then given in offering to the goddess and thereafter to the donkey who is her favourite. After propitiating the goddess, the family members eat the remaining savoury *gulgulas* with great relish. This festival is observed in Malwa and Powad. There is a pond where the devotees of Seetla gather. They scoop the earth and raise a small hillock which is accorded the status of the goddess's shrine. Potters specially bring their donkeys decked in coloured blankets. Some even put bells or conch shells and heads round their necks. In many folk songs of Punjab, there is a reference to the fair of Jarag.

Roshni Fair.—The Roshni Fair (lights) is held in Jagraon from 14 to the 16 of Phagun (February-March) in honour of Muslim Pir, Abdul Kader Jalani (generally called Pir Sahib). It is held in the vicinity of his tomb. Although it is a Muslim fair in origin, the Hindus of the area also flock to the site of this shrine. Even after Partition, this fair has been held regularly. It is called the 'fair of lights' because innumerable devotees who come to visit the place light earthen lamps at the shrine of the Pir. The lights are visible from long distance. It is believed that whatever wish one sincerely made at the shrine of this Pir is granted. Young people sing *bolian* and perform dances, thus adding to the gaiety and glamour of the fair. It is sheer delight to witness the villagers performing dances and singing songs to the sweet strains of the flute and the one-stringed instrument called *toomba*.

Fair of Nanaksar.—Nanaksar fair is held to celebrate the death anniversary of Baba Nand Singh, popularly known as the saint of Kaleran, a small village near Jagraon. Baba Nand Singh was born in 1872 in village Sherpur Kalan about 4 km north-east of Kaleran. He evinced exceptional interest in God and His worships from his very early years. He had his spiritual education from a few saints. For a period of twelve years, he performed many austerities for the conquest of self. In 1918, he settled down in a thatched hut at an uninhabited place at the tri-junction of village Kaleran, Konke Kalan and Jagraon, and made his headquarters. The place was subsequently named Nanaksar, 'Tank of Nanak'. The fair is held at Nanaksar where the saint breathed his last. Situated at a distance of 5 km from the Jagraon, Nanaksar is approachable both by rail and road.

The fair is of recent origin as the saint died on 30 Bhadon, Sambat 2000 Bikrami, corresponding to 29 August 1943. Since then, the fair has been continuously celebrated from 9 to 13 Bhadon for 5 days every year.

The chief mode of observance is the recitation of as many *Akhand Paths* as could possibly be arranged during the death anniversary celebrations. The *Akhand Paths* are recited in two series. The first series starts on 9 Bhadon and concludes on the forenoon of 11 Bhadon. The second series starts in the forenoon on 11 and finishes on the 13 forenoon. On the 12 Bhadon, a big procession is arranged.

A large number of people from wide and near attend the fair which lasts for five days.

CHAPTER IV

AGRICULTURE AND IRRIGATION

The economy of the district continues to be agro-based despite the rapid shift towards the setting up of small-scale industries after the Independence. About 42.9 per cent of the total working force constitutes cultivators and agricultural labourers.

Land Utilization :

The available land in the district is mainly used for agricultural purposes. About 86.5 per cent of total area of the district is under cultivation. The distribution of land according to utilization is given below :

Classification of area by land use in Ludhiana District

(Thousand hectares)

Particulars	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
1 Total area according to village papers ..	375	378	378	378	378	378	378	378	378
3 Forests ..	4	8	8	8	8	9	8	9	9
3 Land not available for cultivation ..	38	40	40	41	41	41	41	41	41
4 Other uncultivated land excluding current fallows ..	20	11	4	2	2	2	1	1	1
5 Fallow lands ..	9	1							
(i) Current fallows ..			(a)	(a)	(a)	(a)	(a)	(a)	(a)
(ii) Other fallow lands ..			(a)	(a)	(a)	(a)	(a)	(a)	(a)
6 Net area sown ..	304	318	326	327	327	326	328	327	327
7 Area sown more than once ..	125	193	210	218	249	236	242	251	254
8 Total cropped area (6+7) ..	429	511	536	545	576	562	570	578	581

(Statistical Abstracts of Punjab, 1967, 1972 and 1977 to 1983)

Note : (a) denotes below 500 hectares

LUDHIANA

Irrigation Facilities.—The net area irrigated by different sources of irrigation in the district for the years 1966-67, 1971-72 and 1976-77 to 1982-83 is given below :

Source	(Thousand hectares)									
	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	
Government Canals	.. 33.2	32.5	20.2	23.4	24.5	25.3	24.5	24.2	24.2	
Private Canals	.. —	—	—	—	—	—	—	—	—	
Tubewells and Wells	.. 137.4	236.7	262.8	259.4	262.8	275.3	272.7	267.1	287.3	
Other Sources	.. 14.3	—	—	—	—	—	—	—	—	
Total	.. 184.9	269.2	282.8	282.8	287.3	300.6	297.2	291.3	311.5	

(Statistical Abstracts of Punjab 1967, 1972 and 1977 to 1983)

The area irrigated by different canals in the district is given in the following tables :—

Area Irrigated by Abohar Branch of Sirhind Canal in Ludhiana District

(Hectares)					
Year	Ludhiana Tahsil	Jagraon Tahsil	Samrala Tahsil	Khanna Tahsil	Total
1976-77	.. 8,973	20,538	—	—	29,511
1977-78	.. 8,695	20,145	—	—	28,840
1978-79	.. 8,672	19,900	—	—	28,572
1979-80	.. 8,934	20,621	—	49	29,604
1980-81	.. 9,032	20,269	—	51	29,352
1981-82	.. 8,797	14,523	—	52	23,372
1982-83	.. 9,023	14,053	—	47	23,123

(Source : Superintending Engineer, Sirhind Canal Circle, Ludhiana)

Area irrigated by Bathinda Branch of Sirhind Canal in Ludhiana District

(Hectares)					
Year	Ludhiana Tahsil	Jagraon Tahsil	Samrala Tahsil	Khanna Tahsil	Total
1966-67	.. 89	5,935	—	—	6,024
1971-72	.. —	4,692	—	—	—
1976-77	.. 5,482	4,668	—	—	10,150
1977-78	.. 5,320	4,582	—	—	9,902
1978-79	.. 5,530	4,504	—	—	10,034
1979-80	.. 5,536	4,527	—	53	10,116
1980-81	.. 5,545	4,644	—	57	10,246
1981-82	.. 5,202	4,355	—	62	9,619
1982-83	.. 5,612	4,286	—	61	9,959

(Source : Superintending Engineer, Sirhind Canal Circle, Ludhiana)

Area Irrigated by Sidhwan Branch of Sirhind Canal in Ludhiana District

(Hectares)					
Year	Ludhiana Tahsil	Jagraon Tahsil	Samrala Tahsil	Khanna Tahsil	Total
1966-67	.. 3,332	1,240	—	—	4,572
1971-72	.. 3,292	1,840	—	—	5,132
1976-77	.. 3,644	2,835	—	—	6,479
1977-78	.. 3,707	2,858	—	—	6,565
1978-79	.. 3,758	3,005	—	—	6,763
1979-80	.. 4,233	3,885	—	10	8,128
1980-81	.. 4,500	4,238	—	20	8,758
1981-82	.. 4,734	4,578	—	59	9,371
1982-83	.. 4,905	4,756	—	68	9,729

(Source : Executive Engineer, Sidhwan Canal, Ludhiana)

Area irrigated by Bhakra Main Line in Ludhiana District

(Hectares)

Year	Ludhiana Tahsil	Jagraon Tahsil	Samrala Tahsil	Khanna Tahsil	Total
1966-67	147	—	7,064	—	7,211
1971-72	178	—	6,163	—	6,341
1976-77	213	—	8,232	—	8,445
1977-78	206	—	8,222	—	8,428
1978-79	210	—	8,761	—	8,971
1979-80	15	—	6,258	3,161	9,434
1980-81	21	—	6,407	3,368	9,796
1981-82	19	—	6,811	3,667	10,497
1982-83	7	—	6,887	3,672	10,566

(Source : Superintending Engineer, Bhakra Main Line Circle, Patiala)

The adoption of new seed-fertilizer-water technology in the mid-sixties resulted in sharp increase in food production. The Punjab Agricultural University, Ludhiana has played a magnificent role in the development of modern techniques to raise agricultural production. Wheat, rice, maize, groundnut, cotton and sugarcane are the major crops of the district. Ludhiana District has the distinction of having the highest yield per hectare in wheat in the country. Details particulars regarding the area under different crops, their total production in the district, are given in the following tables :—

Area under Principal Crops in Ludhiana District

(Thousand hectares)

Crops	1966- 67	1971- 72	1976- 77	1977- 78	1978- 79	1979- 80	1980- 81	1981- 82	1982- 83
Cereals									
Rice	3.3	8	24	47	66	91	94	110	133
Jowar	1.5	0.3	0.1	0.1	0.2	0.4	(a)	0.3	(a)
Bajra	1.2	1.2	1.1	0.1	0.8	0.3	0.6	0.8	0.3
Maize	58	92	106	37	83	37	65	53	43
Wheat	163.1	247	258	256	260	263	265	265	267
Barley	8.3	2	3.4	3.4	3.3	3.6	4.8	5.1	4.4

Crops	1966- 67	1971- 72	1976- 77	1977- 78	1978- 79	1979- 80	1980- 81	1981- 82	1982- 83
Pulses									
Gram	17.7	4	4	4	4	2	2	1	1
Mash	1.67	2.02	2.06	0.92	1.38	0.81	0.94	0.66	1.40
Moong	0.11	0.26	0.53	0.55	0.88	1.40	4.10	6.69	7.02
Massar	0.09	0.05	0.03	0.04	0.07	0.05	0.06	0.45	0.09
Oilseeds									
Groundnut	70.0	63.1	48.7	41.6	47.1	30.4	28.5	29.6	21.6
Rape and Mustard	2.2	2.0	1.1	2.3	2.2	0.6	1.6	1.2	1.9
Sesamum	0.1	0.3	0.8	0.6	0.4	0.3	0.4	0.8	0.2
Linseed	0.4	0.1	0.1	0.1	—	(a)	0.1	0.2	0.1
Other Crops									
Sugarcane	13.7	7	8	9	8	5	5	6	6
Potatoes	0.7	0.8	1.1	1.8	2.8	1.1	2.8	2.0	1.2
Cotton (American)	10.1	5.8	3.9	6.0	7.9	5.2	7.1	10.4	6.6
Cotton (Desi)	16.7	18.0	15.8	17.8	14.7	12.5	14.8	15.0	11.0

(Statistical Abstracts of Punjab 1967, 1972 and 1977 to 1983)

Note : (a) denotes less than 50 hectares.

Production of Principal Crops in Ludhiana District

(Thousand Metric Tonnes)

Crops	1966- 67	1971- 72	1976- 77	1977- 78	1978- 79	1979- 80	1980- 81	1981- 82	1982- 83
Cereals									
Rice	3.2	17	87	175	249	313	356	454	524
Jowar	1.5	0.2	0.1	0.1	0.2	0.2	—	0.2	—
Bajra	1.7	1.0	1.0	—	1	—	1	1	—
Maize	119.1	171	188	34	172	58	122	106	105
Wheat	403.5	818	815	845	898	904	838	897	940
Barley	9.8	2	6	6	7	6	9	11	10

Crops	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
Pulses									
Gram	.. 18.6	4	4	4	5	1	1	(c)	1
Mash	.. 0.91	1.10	0.8	0.5	0.8	0.7	0.7	0.6	0.6
Moong	.. 0.06	0.18	0.3	0.3	0.4	0.7	3.7	6.3	6.2
Massar	.. 0.04	0.03	—	—	—	—	0.1	0.3	—
Oilseeds									
Groundnut	.. 85.0	56.0	41	35	41	30	32	25	17
Rapè and Mustard	.. 1.2	1.2	1	1	2	(b)	1	1	2
Sesamum	.. 0.03	0.1	0.4	0.3	0.2	0.1	—	0.4	0.1
Linsèed	.. 0.23	(b)	0.1	—	0.1	—	0.1	—	—
Other Crops									
Sugarcane (gur)	.. 54.7	29	50	52	44	29	25	38	37
Potatoès	.. 8.5	11.2	25.3	42.5	63.4	27.5	40.7	40.0	23.4
Cotton (Amèrican)	.. 3.67	1.69	1.16	1.12	1.99	1.59	2.45	2.72	1.00
Cotton (Desi)	.. 5.20	4.43	3.85	3.33	2.84	2.69	3.95	3.81	1.40

(Statistical Abstracts of Punjab 1967, 1972, and 1977 to 1983)

Note : (b) Dènotès bellow 50 tonnès.

(c) Dènotès bellow 500 tonnès.

The following are the different varieties of crops sown in the district :—

Name of crop	Variety
Wheat	.. WG 711, WL 1562, Sonalike, DWL 5023
Rice	.. PR 106, IR 8, Jaya
Maize	.. Ageti-76, Vijay, Partap, Navjot
Groundnut	.. M-13, PG-1, M-145, G-501

(Source : Chief Agricultural Officer, Ludhiana)

Co-operative Farming Societies.—The number of co-operative farming societies in the district is given in the following table :—

Year	Number
1966-67	.. 73
1971-72	.. 78
1976-77	
1977-78	.. 72
1978-79	.. 72
1979-80	.. 72
1980-81	.. 72
1981-82	.. 72
1982-83	.. 72

(Statistical Abstracts of Punjab 1967, 1972 and 1977 to 1983)

Agriculture Machinery and Implements.—The statistics regarding the agricultural machinery and implements in use in the district are given below :

Machinery and Implements	Year	
	1972	1977
(1) Ploughs—		
(i) Wooden	.. 48,100	54,508
(ii) Iron	.. 78,269	58,725
(2) Sugarcane Crushers—		
(i) Worked by power	.. 1,942	395
(ii) Worked by bullocks	.. 4,188	3,518
(3) Tractors	.. 4,764	3,181
(4) Carts	.. 34,422	43,033

(Statistical Abstracts of Punjab 1980 and 1982)

Chemical Fertilizers.—These are inorganic materials of a concentrated nature, applied mainly to increase the supply of one or more of the essential nutrients. The following table shows the use of chemical fertilizers in the district during 1966-67, 1971-72 and 1976-77 to 1982-83 :—

Year	(Nutrients tonnes)		
	Fertilizer used		
	N	P	K
1966-67	9,601	1,277	215
1971-72	26,832	13,288	1,625
1976-77	31,798	15,878	3,733
1977-78	36,573	16,322	4,813
1978-79	41,179	21,792	4,574
1979-80	51,801	26,270	10,950
1980-81	54,070	28,433	4,235
1981-82	55,795	27,853	5,142
1982-83	63,404	30,844	6,623

(Source : Chief Agricultural Officer, Ludhiana)

Statistics of Livestock

Animal Husbandry.—Cattle and poultry wealth are very important for the people whose main means of livelihood is agriculture. The livestock Census conducted on various occasions shows an appreciable increase in the number of various breeds of cattle and poultry.

Number of Livestock in Ludhiana District according to the 1966, 1972 and 1977 Cattle Census

Particulars	(Hundreds)		
	1966	1972	1977
Cattle	2,487	2,896	2,651
Buffaloes	2,603	3,531	4,191
Horses and Ponies	15	30	38
Donkeys	45	53	54

Particulars	1966	1972	1977
Mules	7	15	15
Sheep	197	171	402
Goats	396	501	673
Camels	118	53	9
Pigs	70	73	301
Others	—	—	—
Total	5,938	7,323	8,334
Poultry	1,295	4,009	6,319

(Statistical Abstracts of Punjab 1971, 1981 and 1984)

Forests.—There is very little area under forest in the district. The area under the control of the Forest Department under different categories in the district, during 1982-83, was as under :

Particulars	Area (Hectares)
(i) Reserved forests	74.72
(ii) Demarcated protected forests	1,174.60
(iii) Protected forests—	
Rail-strips	557.60
Road-strips	1,290.10
Canal-strips	2,937.60
Drain-strips	1,729.85
(iv) Unclassed forests	2,065.00
(v) Area notified under section 38 of Indian Forest Act, 1927	314.00
Total	10,143.47

(Source : Divisional Forest Officer, Ludhiana Forest Division, Ludhiana)

Forest Produce :—The income from the sale of forest produce, etc. in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83 was as under :

Year	Major Produce (Rs)	Minor Produce (Rs)	Others (Rs)
1966-67*	—	—	—
1971-72	4,86,896	21,090	37,265
1976-77	10,11,257	75,316	33,732
1977-78	10,24,412	93,786	51,821
1978-79	16,84,711	72,577	47,358
1979-80	20,90,730	92,940	63,865
1980-81	41,62,880	98,153	57,270
1981-82	23,30,723	73,732	—
1982-83	37,83,406	1,44,455	—

*Since Ludhiana Forest Division was created in 1968, figures for the year are not available.

(Source : Divisional Forest Officer, Ludhiana Forest Division, Ludhiana)

Floods.—In the bet area of Samrala, Ludhiana and Jagraon tahsils, floods in the Satluj River pose a serious problem. The following table shows the damage caused by floods and heavy rains in the district :

Damage caused to crops and houses by heavy rains and floods in Ludhiana district during 1966, 1971 and 1976 to 1982

Year	Number of Village/towns affected	Area affected (Sq. Kms.)	Human lives lost (Number)	Cattle heads lost (Number)	Houses damaged (Number)	Damage to crops	
						Area affected (hectares)	Value (Rs 000)
1966	1	166	—	—	—	166	135
1971	48	22	—	—	—	2,150	1,227
1976	26	9	2	18	1,575	926	1,706
1977	—	—	—	—	—	—	—
1978	201	272	5	9	6,299	17,128	65,816
1979	—	—	—	—	—	—	—
1980	1	—	—	—	84	—	—
1981	—	—	—	—	—	—	—
1982	—	—	—	—	—	—	—

(Statistical Abstracts of Punjab 1967, 1972 and 1977 to 1983)

CHAPTER V INDUSTRIES

In the field of industry, Ludhiana District is reputed for its small-scale industries not only in Punjab but also in India. Ludhiana City has been termed as small-scale industrial capital of India owing to its premier position in hosiery manufacturing, engineering goods, cycle and sewing machine industry. The district in all had 2,439 registered working factories in 1982 as against 8,178 registered working factories in the State as a whole. The number of registered working factories under each category and workers employed therein, in the district for the year 1982 is given below :

Serial No.	Name of Industry	Number of Factories	Number of Workers
1	Manufacture of Food Products	57	2,218
2	Manufacture of Beverage, Tobacco and Tobacco Products	3	547
3	Manufacture of Cotton Textile	16	3,803
4	Manufacture of Wool, Silk and Synthetic Fibre Textiles	346	12,921
5	Manufacture of Textiles Products (including wearing apparel other than footwears)	292	6,465
6	Manufacture of Wood and Wood Products, Furniture and Fixtures	223	868
7	Manufacture of Paper and Paper Products, Printing, Publishing and Allied Industries	38	523
8	Manufacture of Leather and Fur Products (except repairs)	3	68
9	Manufacture of Rubber & Plastic Products	34	12,064
10	Manufacturing Chemicals and Chemical Products (except products of Petroleum and Coal)	20	449
11	Manufacture of Non-Metallic Mineral Products	10	183
12	Basic Metal and Alloy Industry	152	15,792
13	Manufacture of Metal Products and parts except Machinery and Transport Equipment	268	4,624
14	Manufacture of Machinery, Machine Tools and Parts except Electricity Machinery	336	7,486
15	Manufacture of Electrical Machine Apparatus, Appliances and Parts	20	349

Sr. No.	Name of Industry	Number of Factories	Number of Workers
16	Manufacture of Transport Equipment and Parts	581	18,759
17	Other Manufacturing Industries	11	408
18	Electricity	6	235
19	Gas and Steam	3	105
20	Wholesale Trade of Miscellaneous Manufacturing	1	10
21	Storage and Warehousing	1	3
22	Retail Trade in Others	1	15
23	Community Services	1	68
24	Repair Services	16	981
	Total	2,439	68,944

(Source :—Labour Commissioner, Punjab)

Large and Medium-Scale Industries.—The number of large and medium-scale factories in the district was 41 in 1966-67 which rose to 65 in 1982-83. The list of large and medium-scale factories with their product and number of workers as on 31 March 1983 is given below :

Serial No.	Name of Factory	Number of Workers	Product
1	Composite Milk Plant, Ludhiana	581	Milk products
2	Laxmi Electric Flour Mill, Ludhiana	81	Maida, suji, etc.
3	Nav Bharat Vanaspati and Allied Industries, Doraha	96	Vanaspati
4	Oswal Vanaspati & Allied Industries, Ludhiana	223	Vanaspati
5	Oswal Vanaspati & General Industries, Ludhiana	59	Vanaspati
6	Markfed Vanaspati & Oil Industries, Khanna	315	Vanaspati
7	Kishan Chand & Co. Oil Industries, Ludhiana	155	Vanaspati
8	Laxmi Ginning & Oil Mills, Khanna	Closed during 1981-82	Oil Mill
9	Oswal Oil Refinery (Unit No. I), Ludhiana	103	Vanaspati and refined Oil

Serial No.	Name of Factory	Numbers of Workers	Product
10	Ludhiana Bottling Co., Ludhiana	145	Aerated water
11	Mohan Bottling Co., Ludhiana	150	Aerated water
12	Vardhman Spinning and General Mills, Ludhiana	4,907	Cotton ginning
13	Punjab Breweries Ltd., Ludhiana	209	Beer
14	S. G. Oil Ginning, Factory, Khanna	111	Cotton ginning
15	Supreme Woollen Mills, Ludhiana	Closed during 1981-82	Worsted yarn
16	Pearl Woollen Mills, Ludhiana	48	Worsted yarn
17	Oswal Woollen Mills (Fully Fashion Unit), Ludhiana	60	Hosiery goods
18	Punjab Concasts Steel Ltd., Ludhiana	..	Gases
19	Oswal Woollen Mills (Main Unit), Ludhiana	3,635	Woollen cloth and yarn
20	Kabir Woollen Mills, Ludhiana	138	Woollen cloth and yarn
21	Oswal Spinning & Weaving Mills, Ludhiana	280	Woollen cloth and yarn
22	Oswal Woollen Mills (Export Wing), Ludhiana	511	Hosiery of knitwears
23	Punjab Wool Combers, Ludhiana	353	Wool tops
24	O.W.M. Wool Combers, Ludhiana	544	Wool tops
25	Gobind Ram & Sons, Ludhiana	10	Sewing machine
26	Raghbir Cycle Pvt. Ltd., Ludhiana	350	Tyre, tubes and cycle parts
27	Ralson Cycle, Pvt. Ltd., Ludhiana	1,272	Tyre, tubes and cycle parts
28	Munjal Gases, Focal Point, Ludhiana	70	Gas
29	Punjab Fertilizers, Focal Point, Ludhiana	65	NPK fertilizers
30	O.W.M. Solvent Ext., Ludhiana	43	Rice bran
31	Oswal Solvent Ext. Plant, Ludhiana	40	Rice bran
32	R. N. Gupta & Co., Ludhiana	237	Bright bars and M.S. pipes
33	Niranjan Singh, Kartar Singh forgings, Ludhiana	100	Hammers etc.
34	Mehta Alloy & Steel Works, Ludhiana	266	Steel ingots

Serial No.	Name of Factory	Number of Workers	Product
35	Ludhiana Steel Pvt., Ltd., Ludhiana	187	Steel ingots
36	Upper India Steel Ltd., Ludhiana	340	Alloy steel
37	Punjab Concasts Steel Ltd., Ludhiana	1136	Steel ingots
38	Garg Furnace Ltd., Jagraon, Ludhiana	150	Alloy steel casting & agricultural implements
39	Kalyan Agro-Industrial Corporation, Ludhiana	37	Hammers
40	Indian Turomat, Industrial Area, Ludhiana	43	Bright bars & cycle parts
41	Daulat Industrial Corporation, Ludhiana	91	Steel casting
42	R. K. Machine Tools, Ludhiana	476	Machine tools
43	Pearl Mechanical Engineering Works, Ludhiana	17	Textile machines
44	Rita Mechanical Works, Ludhiana	300	Sewing machines and parts
45	Gurmukh Singh & Sons, Ludhiana	1070	Auto parts
46	Teg Forgings and Stamping, Ludhiana	30	Steel forgings
47	Highway Cycle Industries, Ludhiana	332	Single speed free wheel
48	T. C. Cycle Industries, Ludhiana	15	Cycle parts
49	Hero Cycle Industries, Ludhiana	1991	Cycle parts
50	Rockman Cycle Industries, Ludhiana	610	Cycle parts
51	Super Cycle Industries, Ludhiana	207	Cycle parts
52	Majestic Auto Ltd., Ludhiana	853	Moped
53	Avon Cycle Pvt., Ltd., Ludhiana	829	Cycle & cycle parts
54	Bhogal Sons Ltd., Ludhiana	161	Cycle & cycle parts
55	Ashok Dyeing & Finishing Mills, Ludhiana	64	Dyeing & finishing
56	National Tape Co., Ferozpur, Road Ludhiana	259	Measuring tapes
57	Arihant Fabrics, Ludhiana	176	Synthetic yarn
58	Addi Nath Textile Mills, Ludhiana	411	Worsted yarn/ Acrylic yarn
59	Greatway Pvt. Ltd., Ludhiana	157	Hosiery & knit wears
60	Oswal Oil Distillery Unit, Ludhiana	78	Rice bran
61	Oswal Oil & Soap Industries, Ludhiana	68	Rice bran
62	B. K. Paper Mills Pvt. Ltd, Ludhiana	..	Paper
63	Shreyan Paper Mills Pvt. Ltd., Ludhiana	..	Paper
64	Jaidka Woollen Mills, Ludhiana	..	Worsted yarn
65	Oswal Agro Mills, Ludhiana	..	Toilet soap

(Source : Director of Industries, Punjab)

The number of registered working factories and number of workers employed therein, in Ludhiana District for the year 1966, 1971 and 1976 to 1982 is furnished below :

Year	Number	No. of workers
1966	862	19,579
1971	1,362	30,016
1976	1,634	39,408
1977	1,732	43,277
1978	1,794	48,304
1979	..	..
1980	2,069	58,143
1981	2,109	59,911
1982	2,439	68,944

(Statistical Abstracts of Punjab 1967, 1972 and 1977 to 1983)

Statistics relating to Power Consumption in the District.—The various sources of power are : wood-fuel, coal, oil and alcohol, wind and water. The position regarding coal and oil is far from satisfactory. The region in which coal is concentrated is too far off and the oil production in the country is too small. Thus, ample supply of electricity can only meet the requirements of industrial expansion. The consumption of electricity is cited as an index of economic development. The details regarding the consumption of electricity in the district is given below :

(Million K. W. H.)

Year	Domestic	Commercial	Industrial	Agricultural	Others	Total
1966-67	..	..	..	..	..	..
1971-72	30.5	15.5	106.1	77.0	4.0	233.1
1976-77	48.3	21.1	221.3	105.2	7.9	403.8
1977-78	56.8	22.3	254.4	143.8	10.5	478.8
1978-79	66.8	22.9	315.1	212.4	11.1	628.3
1979-80	67.51	23.31	318.33	239.84	10.78	658.77
1980-81	65.80	24.24	309.69	266.00	9.69	675.62
1981-82	91.66	28.68	445.45	122.40	10.8	697.27
1982-83	102.8	29.8	430.3	252.8	10.9	826.6

(Electricity Statistics of Punjab, 1971-72 and Statistical Abstracts of Punjab 1977 to 1983)

State Aid to Industries.—Financial assistance for the development of small-scale industries under the Punjab State Aid to Industries Act, 1935, is rendered to the needy small-scale industrial units on liberal terms and low rate of interest. The following table shows the amount of financial assistance given under the Punjab State Aid to Industries Act, 1935, for the development of industries in the Ludhiana District :—

Year	Loans		Grant-in-aid and subsidy	
	No. of Units	Amount ('000 Rs)	No. of Units	Amount ('000 Rs)
1966-67	177	1157.2	1	0.4
1971-72	163	1222.3	3	8.4
1976-77	86	500	3	8
1977-78	87	600	—	—
1978-79	40	599	12	9
1979-80	38	201	—	—
1980-81	28	151	1	56
1981-82	20	140	34	14
1982-83	—	—	4	266

(Statistical Abstracts of Punjab, 1969, 1972 and 1977 to 1983)

Statistics of Trade Unions.—The statistics regarding the trade unions registered under the Trade Union Act, 1926, functioning in the district, as on 31 March 1983 are given in the following statement:—

Serial No.	Name of Trade Union	Date of Registration
1	Markfed Workers Union, c/o Markfed Vanaspati and Allied Industries G. T. Road, Khanna	1-4-77
2	Cold Storage and Ice Factory Employees Union c/o B. M. S. Chaura Bazar, Ludhiana	12-2-69
3	Luxmi Electric Flour Mill, Mazdoor Sabha Kucha No. 5, Sikh Bhawan, Field Ganj, Ludhiana	19-1-79
4	Krishana Roller and Flour Mill Workers Union, H. No. 666, Field Ganj Kucha No. 11, Ludhiana	3-1-62
5	Doraha Oil Mill, Workers Union, Doraha	4-1-66
6	Oil Mill Industries Workers Union c/o Sh. Kainth, Ashok Nagar, Ludhiana	5-6-72
7	Zila Vanaspati Workers Union, 228, Industrial Area, Ludhiana	31-10-73
8	Gharana Vanaspati Staff Union, c/o Ghee Mill, G. T. Road, Doraha	4-9-80
9	Oswal Vanaspati and General Industries Workers Union, Radha Swami Road, Gali No. 3, Arjan Nagar, Ludhiana	25-11-80
10	Punjab Breweries Workers Union, B. M. S. Office, Gaushala Road, Ludhiana	13-6-79
11	Vardhman Spinning Karamchari Sang, Ludhiana	4-6-68
12	Vardhman Mill Mazdoor Sangathan c/o Sh. Ram Sarup, V. P. O. Jamalpur Awana, Ludhiana	20-7-79
13	Central Woollen Mill Employees Union 966/39, Gaushalla Road, Hussainpura, Ludhiana	14-8-69
14	Central Woollen Kirti Union, c/o Ram Dass, H. No. 771, Nirankari Mohalla, Kucha No. 4, Ludhiana	26-7-74
15	International Woollen and Spinning Mill Workers Union, Plot No. 151/63 Industrial Estate, Ludhiana	11-12-78
16	District Textile Workers Union G. T. Road, Miller Ganj, Ludhiana	10-1-55
17	Ludhiana Textile Mazdoor Union, Ludhiana	5-10-68
18	Textile Mazdoor Sangh, Chaura Bazar, Ludhiana	15-12-65
19	Hosiery Workers Union, Ludhiana	21-2-52
20	Hosiery Mazdoor Union, Brahampuri, Ludhiana	27-9-62
21	Hosiery Mazdoor Sangh, c/o B. M. S. Office, Chaura Bazar, Ludhiana	12-2-64
22	Textile Hosiery Ekta Mazdoor Panchayat, Ludhiana	3-5-68
23	Samajwadi Hosiery Workers Union, Field Ganj, Kucha No. 5, Ludhiana	23-11-78
24	District Hosiery Workers Union, G. T. Road, Miller Ganj, Near Oswal Mill, Ludhiana	21-9-70

Serial No.	Name of Trade Union	Date of Registration
25	Hosiery Mazdoor Ekta Union, c/o Prem-Di-Hatti, Town Hall, Ludhiana	1-1-73
26	Textile Hosiery Mazdoor Sabha, c/o Northern Railway Union, Railway Station, Ludhiana	28-2-73
27	National Hosiery Workers Union, H. No. 1222, Ward No. 5, Khanna	28-2-75
28	Kapra Silai Mazdoor Panchayat, Pansari Bazar, Ludhiana	13-10-69
29	National Saw Mill Mazdoor Union, Chowk Dholewal, Ludhiana	26-11-63
30	Timber and Dastkar Union, Burma Timber Market Union, Ludhiana	..
31	Press Workers Union, c/o B.M.S. Office, Chaura Bazar, Ludhiana	12-2-64
32	Rubber Mazdoor Sangh, c/o B.M.S. Office, Chaura Bazar, Ludhiana	13-10-71
33	Ludhiana Rubber Workers Union, 228, Industrial Area-A, Ludhiana	4-10-73
34	N.R.M. Injeck Employees Union, Ludhiana	19-11-79
35	Punjab Bhatta Mazdoor Union, Ludhiana	4-4-68
36	Ludhiana Iron and Steel Workers Union, Ludhiana	29-9-59
37	District Iron and Steel Workers Union, Brahampuri, Ludhiana	N.A.
38	Azad Iron and Steel Workers Union, Jamalpur Road, Area-B, Ludhiana	1978
39	Iron and Steel Mazdoor Ekta Union, V.P.O. Jamalpur, Ludhiana	2-11-76
40	Inqulabi Iron and Steel Workers Union, Ludhiana	8-11-78
41	Mohta Alloys and Steel Workers Union, c/o Shri Kuldeep Singh, H.E. 289, P.H.B. Colony, Focal Point, Ludhiana	2-8-79
42	Pearl Workers Union, Industrial Area-A, Ludhiana	18-12-71
43	Metal Mazdoor Sangh, c/o B.M.S., Chaura Bazar, Ludhiana	1-6-63
44	Ludhiana Workers Union, 228-B, Industrial Area, Ludhiana	28-11-72
45	Broadway Repair Mazdoor Union, Brahampuri, Ludhiana	29-8-71
46	Gurmukh Singh & Sons Workers Union, Gill Road, Ludhiana	19-9-69
47	Cycle Mazdoor Sangh, c/o B.M.S. Office, Chaura Bazar, Ludhiana	11-4-63
48	National Tape Workers Union, Firozpur Road, Ludhiana	9-6-66
49	K. C. Thapar & Brothers Allied Concern Employees Union, Ludhiana	N.A.
50	Hosiery Employees Association Brahampuri, Ludhiana	23-10-70
51	F. C. I. Workers Paledar Union, c/o General Labour Union (Regd.) Office, G. T. Road, Khanna, District Ludhiana	13-5-82
52	Surksha Mazdoor Sabha, E-32, A-B, Railway Colony, Near Jagraon Bridge, Ludhiana	21-7-82

(Source : Labour Commissioner, Punjab)

CHAPTER VI

BANKING, TRADE AND COMMERCE

Towns and Villages having Banking Offices

The development schemes of the government envisage the growth of credit facilities to agriculturists and industrialists in a big way. This naturally helps the expansion of banking facilities to all parts of the district. All the nine towns and 105 villages of the district enjoy banking facilities. All towns and some large villages have more than one bank branch.

List of Commercial and Nationalized Banks

There is no Commercial bank registered in the Ludhiana District. But most of the Commercial and nationalised banks have their branches in the district. The district had only 38 Commercial bank branches in 1967. By the end of December 1983, the number of bank branches rose to 250 which marked nearly 684 per cent growth.

The list of the branches of the Commercial banks functioning in the district given below :

Name of the Bank	Branches
1 Allahabad Bank	1 Clock Tower, Ludhiana 2 Link Road, Ludhiana 3 Chaura Bazar, Ludhiana
2 Andhra Bank	1 Bhadaur House, Ludhiana
3 Bharat Overseas Bank	1 Bhadaur House, Ludhiana
4 Bank of India	1 Clock Tower, Ludhiana 2 Bharat Nagar Chowk, Ludhiana 3 Model Town, Ludhiana 4 Dakha 5 Dhandari Kalan 6 Jarg 7 Qila Raipur 8 Payal 9 Malaud 10 Khatra Churami

Name of the Bank	Branches
	11 Bullepur
	12 Machhiwara
	13 Hathur
	14 Hambran
	15 Jagraon
	16 Raikot
	17 Bilaspur
5 Bank of Baroda ..	1 Clock Tower, Ludhiana
	2 Industrial Area, Ludhiana
	3 Samrala
	4 Tagor Nagar, Ludhiana
6 Bank of Maharashtra	1 Link Road, Ludhiana
7 Canara Bank ..	1 Clock Tower, Ludhiana
8 Dena Bank ..	1 General Post Office Road, Ludhiana
9 Central Bank of India ..	1 Nizam Road, Ludhiana
	2 Miller Ganj, Ludhiana
	3 Civil Lines, Ludhiana
	4 Madhopuri, Ludhiana
	5 Brown Road, Ludhiana
	6 Industrial Area, Ludhiana
	7 Dareshi Road, Ludhiana
	8 Salem Tabri, Ludhiana
	9 Jamalpur Awana
	10 Galib Kalan
	11 Jagraon
	12 Khanna
	13 Machhiwara
	14 Otalan
	15 Sarabha Nagar, Ludhiana
10 Hindustan Commercial Bank	1 G. T. Road, Ludhiana
	2 Jagraon
	3 Dhandari Kalan
	4 Barewal Awana
	5 Boparai Kalan
	6 Jawaddi
	7 Goindwal

Name of the Bank	Branches
11 Indian Bank ..	1 Clock Tower, Ludhiana
	2 Dugri
	3 Jagraon
	4 Khanna
	5 Bhama
12 Indian Overseas Bank ..	1 Brown Road, Ludhiana
	2 Industrial Area, Ludhiana
	3 Clock Tower, Ludhiana
	4 Civil Lines, Ludhiana
	5 Threke
	6 Baddowal
	7 Mullanpur Dakha
	8 Jagraon
	9 Guru Sar Sudhar
	10 Gujjarwal
	11 Chakohi
	12 Mohanpur
	13 Katani Kalan
	14 Siahra
13 Jammu and Kashmir Bank ..	1 Chaura Bazar, Ludhiana
14 Lakshmi Commercial Bank ..	1 Clock Tower, Ludhiana
	2 Miller Ganj, Ludhiana
	3 Rajpura Road, Ludhiana
	4 Libra
	5 Jagraon
	6 Khanna
15 New Bank of India ..	1 Mata Rani Chowk, Ludhiana
	2 Basti Jodhewal, Ludhiana
	3 Bharat Nagar Chowk, Ludhiana
	4 Chaura Bazar, Ludhiana
	5 Kum Kalan
	6 Samrala
	7 Dhanansu
	8 Panj Garainan
	9 Mullanpur Dakha
	10 Jagraon
	11 Khanna

Name of the Bank	Branches
16 Oriental Bank of Commerce ..	1 Miller Ganj, Ludhiana 2 Sarabha Nagar, Ludhiana 3 Dharam Pura, Ludhiana 4 Chaura Bazar, Ludhiana 5 Bassian 6 Bhattian 7 Jagraon 8 Jangpur 9 Khanna 10 Mansuran 11 Mohie 12 Nurpur Bet 13 Sahnewal 14 Sidwan Khurd 15 Lodhiwala 16 Bhamian Kalan
17 Punjab National Bank ..	1 Industrial Area, Ludhiana 2 Rajpura Road, Ludhiana 3 Sarabha Nagar, Ludhiana 4 Model Town, Ludhiana 5 Miller Ganj, Ludhiana 6 Kesar Ganj, Ludhiana 7 Bazar Kharadian, Ludhiana 8 Brown Road, Ludhiana 9 Chandigarh Road, Ludhiana 10 Chaura Bazar, Ludhiana 11 Bharat Nagar Chowk, Ludhiana 12 Chowk Saidan, Ludhiana 13 Gill Road, Ludhiana 14 Civil Lines, Ludhiana 15 Salem Tabri, Ludhiana 16 Dhandra 17 Doraha 18 Jagraon 19 Bija 20 Khanna 21 Mallah 22 Raikot 23 Mullanpur 24 Samrala

Name of the Bank	Branches
18 Punjab and Sind Bank ..	1 Salem Tabri, Ludhiana 2 Saban Bazar, Ludhiana 3 Civil Lines, Ludhiana 4 Miller Ganj, Ludhiana 5 Model Town, Ludhiana 6 Gurdwara Kalgidhar Road, Ludhiana 7 Mata Rani Chowk, Ludhiana 8 Bhari 9 Barundi 10 Bagli Kalan 11 Chakkar 12 Dehlon 13 Doraha 14 Ghulal 15 Gill 16 Halwara 17 Heddon 18 Isru 19 Jagraon 20 Jamalpur Awana 21 Jodhan 22 Jaspal Bangar 23 Chaukiman 24 Khanna 25 Khamano Mandi 26 Kheri Nodh Singh 27 Leelan 28 Manuke 29 Nandpur 30 Nathowal 31 Pakhowal 32 Purain 33 Samrala 34 Sher Pur 35 Sunet 36 Karamsar (Rara Sahib) 37 Miller Ganj International Banking Division, Ludhiana

Name of the Bank	Branches
20 State Bank of India	1 Civil Lines, Ludhiana 2 Shaheed Bhagat Singh Road, Ludhiana 3 Hero Nagar, Ludhiana 4 Link Road, Ludhiana 5 Brahampuri, Ludhiana 6 New Courts, Ludhiana 7 Chaura Bazar, Ludhiana 8 Railway Station, Ludhiana 9 Punjab Agricultural University, Ludhiana 10 Kesar Ganj, Ludhiana 11 Haibowal Khurd 12 Gurdev Nagar, Ludhiana 13 Gill Road, Ludhiana 14 Tagore Nagar, Ludhiana 15 Industrial Area, Ludhiana 16 Phullanwal 17 Ladhowal 18 Mundian 19 Khanna 20 Jagraon 21 Focal Point, Ludhiana 22 Machhiwara 23 Nanuwal 24 Dhandari
21 State Bank of Patiala	1 Miller Ganj, Ludhiana 2 Saban Bazar, Ludhiana 3 Gill Road, Ludhiana 4 Chowk Bharat Nagar, Ludhiana 5 Ghumar Mandi, Ludhiana 6 Industrial Area, Ludhiana 7 Jagraon 8 Sawaddi 9 Sidwan Bet 10 Raikot

Name of the Bank	Branches
	11 Sudhar 12 Samrala 13 Doraha 14 Grain Market, Khanna 15 Dhamot 16 Sahnewal 17 Khanna 18 Narangwal 19 Halwara 20 Kaunke Kalan
21 State Bank of Bikaner and Jaipur	1 Madhopuri Chowk, Ludhiana
22 Trader Bank	1 Bhaini Sahib 2 Rani Jhansi Road, Ludhiana
23 United Bank of India	1 Chaura Bazar, Ludhiana
24 Union Bank of India	1 Kesar Ganj, Ludhiana 2 G. T. Road, Ludhiana 3 Khanna 4 Ghawadi 5 Latala 6 Akhara 7 Jassowal 8 Phullanwal
25 Vijay Bank	1 Clock Tower, Ludhiana
26 Syndicate Bank	1 Clock Tower, Ludhiana
27 United Commercial Bank	1 Chaura Bazar, Ludhiana 2 Dal Bazar, Ludhiana 3 Miller Ganj, Ludhiana 4 Municipal Corporation, Ludhiana 5 Haibowal Kalan 6 Civil Lines, Ludhiana 7 Dhandari Kalan 8 Kohara 9 Jugiana 10 Manghat

Name of the Bank	Branches
	11 Lalton Kalan
	12 Sujapur
	13 Rauni
	14 Ghurani Kalan
	15 Sanghol
	16 Rasulpur
	17 Alamgir
	18 Ayali Kalan
	19 Raipur Majri
	20 Kalakh
	21 Ayali Khurd
	22 Bhundri
	23 Rami
	24 Daya Nand Medical College & Hospital, Ludhiana
	25 Jhoraran
28 The Ludhiana Central Co-operative Bank	1 Ludhiana
29 Land Mortgage Bank	.. 1 Civil Lines, Ludhiana

Deposits and Advances.—The total deposits and advances of commercial banks in Ludhiana District is given in the following table :—

Year	Deposits (Rs in lakhs)	Advances (Rs in lakhs)
1972	6,678	3,397
1976	14,561	7,382
1977	17,605	8,884
1978	22,524	11,227
1979	28,342	13,422
1980*	35,548	17,096
1981*	42,846	24,434
1982*	49,140	26,330

*Provisional

(Source : Reserve Bank of India, Bombay)

Money-lenders.—The number of registered money-lenders in the district, as on 31 March 1983 was 10.

Insurance Statistics

The following statement shows the business secured by the Life Insurance Corporation of India in the Ludhiana District :—

Year	Number of Policies	Amount assured (Rs in lakhs)
1966-67	..	..
1971-72	..	..
1976-77	7,829	1,167
1977-78	7,015	1,139
1978-79	6,484	1,064
1979-80	9,409	1,858
1980-81	10,310	2,155
1981-82	10,728	2,785
1982-83	11,423	3,256

(Source : Divisional Manager, Northern Zone, Life Insurance Corporation of India, Chandigarh)

The number of Development Officers and Agents in the different Branches of Life Insurance Corporation, as on 31st March, 1983, was as follows :—

Name of Branch	Year of opening	Number of Development Officers	Number of Agents
Ludhiana-I	.. 1-9-1956	15	256
Ludhiana-II	.. 1-4-1960	14	246
Ludhiana D.A.B.	.. 29-6-1973	—	53
Ludhiana C.A.O.	.. 15-9-1980	—	15
Jagraon	.. 29-12-1980	4	88
Khanna	.. 14-3-1961	8	130

(Source : Divisional Manager, Northern Zone, Life Insurance Corporation of India, Chandigarh)

Growth of Co-operative Societies in the District

Co-operative play a vital role in the economic development in all fields. There were 576 Co-operative (Agricultural and non-agricultural) societies in the district in 1982-83. The functions of these societies are to mobilize savings of the members of, and to advance loans at reasonable rate of interest for productive purposes.

The details regarding the working of the agricultural and non-agricultural co-operative societies functioning in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83 is given below :

Co-operative Agricultural Credit Societies

Period	Number of Co-operative Societies at the end of the year	Membership Individuals	Share Capital paid up (Rs in lakhs)	Loans advanced during the year (Rs in lakhs)	Deposits (Rs in lakhs)
1966-67	970	1,48,078	109.79	463.96	200.80
1971-72	967	1,75,521	191.18	1,213.68	467.50
1976-77	966	2,02,378	306.57	1,236.41	437.20
1977-78	966	2,05,202	317.85	1,785.35	443.05
1978-79	441	2,14,334	363.93	1,809.21	463.38
1979-80	433	2,21,022	504.55	2,838.12	479.53
1980-81	440	2,23,915	554.66	2,539.83	464.32
1981-82	440	2,32,668	628.24	3,705.70	465.94
1982-83	440	2,31,910	686.91	4,929.35	593.21

(Source : Deputy Registrar, Cooperative Societies, Ludhiana)

Co-operative Non-Agricultural Credit Societies

Period	Number of Co-operative Societies at the end of the year	Membership Individuals	Share Capital paid up (Rs in lakhs)	Loans advanced during the year (Rs in lakhs)	Deposits (Rs in lakhs)
1966-67	136	5,045	3.48	3.79	1.22
1971-72	141	5,733	4.44	10.78	2.57
1976-77	143	6,361	6.73	16.16	11.81
1977-78	144	6,455	8.87	15.12	23.86
1978-79	135	7,000	10.49	22.45	25.00
1979-80	135	7,220	11.81	22.19	30.50
1980-81	136	7,334	12.14	12.67	55.30
1981-82	136	7,668	15.98	14.26	57.68
1982-83	136	7,980	17.43	16.22	58.85

(Source : Deputy Registrar, Co-operative Societies, Ludhiana)

Co-operative Marketing Societies.—These societies are duly registered under the Punjab Co-operative Societies Act, 1954. The work done by the Co-operative Marketing Societies in the district during 1967, 1972 and 1977 to 1982, is given as under :

Co-operative year ending June	No. of Societies	Membership			Held up Share Capital (Rs in lakhs)	Working Capital (Rs in lakhs)	Value of goods marketed (Rs in lakhs)
		Individuals	Societies	Total			
1967	9	4,720	969	5,689	11.07	62.90	313.93
1972	10	6,204	1,036	7,240	10.96	190.34	4,258.53
1977	11	12,643	1,030	13,673	19.08	409.60	1,827.71
1978	11	12,680	1,047	13,727	20.94	708.04	1,446.69
1979	11	12,827	1,047	13,874	21.54	539.32	401.03
1980	11	12,827	1,047	13,874	22.11	472.91	508.93
1981	11	12,827	1,047	13,874	22.11	452.08	437.90
1982	11	12,820	402	13,222	21.96	465.54	548.80

(Source : Deputy Registrar, Co-operative Societies, Ludhiana)

Small Savings.—The gross and net achievements under the small savings in the district are given below :

Year	Gross achievements (Rs in lakhs)	Net achievements (Rs in lakhs)
1966-67	..	..
1971-72	..	..
1976-77	906.33	(—)77.92
1977-78	..	..
1978-79	1,266.45	(+)326.45
1979-80	1,414.56	(+)488.84
1980-81	1,380.11	(+)427.76
1981-82	1,726.98	(+)536.75
1982-83	1,777.18	(+)485.66

(Source : District Savings Officer, Ludhiana)

Turnover of Commodities at various Registered Markets

As on 31st March, 1983, there were 11 regulated markets functioning in the district. The arrival of important agricultural commodities in these markets is given in the following table :—

**Total Arrival of Agricultural Produce in various Market
Committees of Ludhiana District**

Total Arrival of Agricultural Produce (In Quintals) in various

Serial No.	Name of Market Committee and year	Name of Agricultural			
		Wheat	Gram	Barley	Maize
1	LUDHIANA				
	1966-67	.. 2,11,308	41,555	3,466	60,747
	1971-72	.. 5,50,570	66,926	2,175	62,453
	1976-77	.. 2,62,979	32,274	2,686	43,835
	1977-78	.. 2,80,185	1,59,543	769	23,536
	1978-79	.. 3,44,640	9,185	1,061	16,406
	1979-80	.. 3,81,376	4,426	860	11,195
	1980-81	.. 4,26,038	2,379	1,616	9,200
	1981-82	.. 3,34,981	3,664	3,636	7,461
	1982-83	.. 3,79,324	2,542	1,640	10,957
2	DORAHHA				
	1966-67	.. 64,415	1,744	1,185	28,167
	1971-72	.. 4,90,707	1,958	208	96,273
	1976-77	.. 2,77,763	167	1,019	40,639
	1977-78	.. 3,48,000	12	209	31,731
	1978-79	.. 3,33,589	14	461	32,548
	1979-80	.. 3,85,174	422	457	1,72,201
	1980-81	.. 3,83,966	154	113	12,816
	1981-82	.. 2,69,833	—	1,025	6,639
	1982-83	.. 3,86,271	—	682	4,915
3	JAGRAON				
	1966-67	.. 4,22,741	19,418	5,914	80,071
	1971-72	.. 11,16,810	5,356	629	2,17,940
	1976-77	.. 9,25,285	8,025	6,166	92,344
	1977-78	.. 10,78,922	3,462	1,030	85,888
	1978-79	.. 9,84,214	5,261	3,798	54,808
	1979-80	.. 12,47,858	802	909	41,486
	1980-81	.. 12,89,575	474	2,087	23,098
	1981-82	.. 11,75,509	279	4,624	6,210
	1982-83	.. 13,71,773	366	3,816	9,335

Market Committees of Ludhiana District

Commodities							
Paddy	Jowar	Bajra	Gur	Potatoes	Ground nut	Cotton	
						American	Desi
9,380	2,376	9,436	17,401	81,993	1,47,500	—	2,768
1,59,397	3,430	1,809	2,142	1,57,343	58,409	—	1,132
2,33,109	1,806	1,876	28,262	3,41,873	33,822	7	1,479
3,57,892	1,284	830	29,852	2,70,050	21,390	—	920
40,493	1,375	1,846	10,067	4,03,626	21,154	—	488
4,54,721	827	2,933	3,871	2,35,173	5,339	—	505
5,62,575	8,59	1,089	6,767	2,92,115	9,708	—	1,702
6,59,804	1,044	1,553	4,616	3,67,870	4,430	—	522
8,74,690	637	605	9,302	3,26,804	4,730	—	135
1,472	312	124	3,144	552	1,00,673	2,918	2,073
192	16,398	35	1,747	133	46,363	308	1,632
28,440	28	52	656	933	23,928	158	596
82,799	16	10	237	1,175	19,283	891	946
1,84,807	7	36	152	1,350	13,809	1,062	731
2,95,911	4	10	260	2,494	9,131	711	529
3,49,238	7	5	126	1,979	13,413	2,659	883
3,81,421	18	6	74	2,318	5,158	4,125	1,309
5,17,210	3	4	24	2,838	3,753	1,515	288
3,252	479	792	10,160	6,498	70,327	11,664	60,950
63,816	1,834	1,543	23,117	6,613	39,239	16,352	1,24,291
2,88,985	1,501	4,001	47,511	6,936	30,823	3,631	69,705
6,81,917	1,051	5,160	3,455	6,469	20,830	10,098	95,265
5,52,868	1,323	6,684	40,692	9,645	18,353	4,870	85,052
10,49,312	1,194	2,457	23,535	8,574	18,607	2,659	1,06,850
9,80,773	778	1,431	16,350	8,710	17,697	4,825	1,39,242
13,92,596	464	513	10,639	11,661	11,114	14,976	80,060
16,34,048	355	459	181	23,812	—	—	47,392

Serial No.	Name of Market Committee & Year	Name of Agricultural			
		Wheat	Gram	Barley	Maize
4	KHANNA				
	1966-67	.. 3,15,940	2,923	10,724	1,30,230
	1971-72	.. 12,16,493	5,496	892	2,76,546
	1976-77	.. 9,58,735	7,524	11,860	2,48,042
	1977-78	.. 10,83,467	1,389	2,077	1,89,499
	1978-79	.. 10,60,520	1,590	4,822	2,01,596
	1979-80	.. 11,83,851	1,149	2,225	1,12,215
	1980-81	.. 10,72,827	67	2,185	70,365
	1981-82	.. 7,42,943	159	10,340	47,589
	1982-83	.. 8,51,021	319	8,015	37,587
1	MACHHIWARA				
	1966-67	.. 20,980	1,554	488	13,217
	1971-72	.. 1,88,885	1,235	122	18,848
	1976-77	.. 2,36,924	2	1,877	9,758
	1977-78	.. 2,71,288	223	287	3,965
	1978-79	.. 2,77,573	37	314	1,397
	1979-80	.. 3,78,413	88	157	1,268
	1980-81	.. 4,10,930	—	109	2,476
	1981-82	.. 2,59,172	—	819	3,046
	1982-83	.. 3,98,105	—	453	2,628
1	MULLANPUR				
	1966-67	.. 83,424	5,958	1,642	17,458
	1971-72	.. 4,44,431	1,559	432	75,672
	1976-77	.. 4,56,670	2,883	1,385	34,004
	1977-78	.. 5,51,572	814	578	39,289
	1978-79	.. 5,45,736	861	1,598	22,921
	1979-80	.. 6,59,042	222	972	12,869
	1980-81	.. 6,48,742	243	954	6,026
	1981-82	.. 5,30,567	76	1,403	3,951
	1982-83	.. 7,17,475	18	2,753	4,799

Commodities						Cotton	
Paddy	Jowar	Bajra	Gur	Potatoes	G. Nut	American	Desi
—	—	—	1,02,478	3,544	3,67,140	55,171	2,730
49,965	—	—	9,973	17,969	1,97,599	57,027	39,526
2,38,934	247	197	43,637	15,767	1,86,385	25,731	7,725
4,85,706	528	254	16,995	13,697	98,073	61,235	7,265
6,67,169	411	945	30,732	19,335	1,14,038	79,128	3,683
7,39,171	508	824	15,273	23,199	64,511	52,574	7,783
7,75,928	29	346	4,757	10,722	99,198	80,224	7,567
8,74,973	86	204	4,466	11,976	57,934	67,107	5,742
10,98,888	284	269	9,750	9,265	38,861	22,186	1,778
2,679	344	166	260	—	58,780	479	1,305
44,416	191	37	1,229	6,508	47,165	6	161
1,75,856	36	65	1,284	16,751	30,710	3	172
2,95,158	11	17	722	12,819	18,753	46	64
4,35,117	1	12	422	17,493	12,767	—	21
4,59,527	—	—	9,494	8,048	3,520	3	8
4,90,275	—	2	514	5,939	6,159	—	32
5,16,625	—	5	66	3,660	2,125	12	3
6,02,815	—	—	16	3,133	970	—	—
627	650	960	2,866	85	84,409	—	14,820
5,704	268	113	6,521	450	56,797	25	20,606
1,18,290	226	1,716	2,872	2	40,580	416	13,810
2,16,529	215	941	196	—	38,076	353	18,805
3,26,965	90	642	259	—	35,236	152	12,232
5,17,106	143	269	898	2	45,898	133	16,441
5,71,994	129	410	3,084	—	49,432	1,013	2,773
5,64,472	99	397	5,113	—	35,574	1,794	19,584
9,36,444	120	211	6,329	—	31,936	82	6,948

Serial No.	Name of Market Committee and Year	Name of Agricultural			
		Wheat	Gram	Barley	Maize
7 RAIKOT					
1966-67	..	50,532	3,036	711	12,570
1971-72	..	2,80,782	1,584	112	56,667
1976-77	..	3,66,360	1,375	3,170	31,900 4
1977-78	..	3,84,444	193	349	3
1978-79	..	3,39,864	444	621	26,745
1979-80	..	4,54,935	131	323	16,346
1980-81	..	4,98,006	34	959	3,392
1981-82	..	4,34,119	116	905	1,176
1982-83	..	5,18,914	6	969	1,828
8 SAMRALA					
1966-67	..	28,841	2,276	1,237	—
1971-72	..	5,20,831	728	456	60,591
1976-77	..	1,98,855	824	1,531	35,845
1977-78	..	2,23,436	81	381	25,678
1978-79	..	2,13,694	85	880	31,389
1979-80	..	2,70,330	10	592	19,856
1980-81	..	2,69,760	—	600	22,585
1981-82	..	1,66,217	10	1,212	16,423
1982-83	..	2,41,322	—	1,965	15,880
9 SAHNEWAL					
1971-72	..	2,99,668	597	488	52,586
1976-77	..	2,21,241	259	2,417	57,833
1977-78	..	2,69,920	49	517	89,074
1978-79	..	2,58,117	263	1,258	31,747
1979-80	..	3,04,276	28	964	12,765
1980-81	..	3,13,705	7	688	9,977
1981-82	..	1,83,817	2	741	3,643
1982-83	..	2,69,781	—	1,651	12,102

Commodities						Cotton	
Paddy	Jowar	Bajra	Gur	Potatoes	G. Nut	American	Desi
—	967	14	5,385	1,905	1,534	3,474	11,521
2,429	1,300	93	8,145	4,029	657	1,042	16,217
49,729	509	139	8,009	3,747	514	425	10,305
1,47,419	184	72	9,929	3,460	794	472	13,598
2,45,634	54	67	12,363	116	422	477	11,458
3,43,197	371	20	5,901	4,237	126	299	14,347
3,94,652	21	10	5,665	3,412	195	983	18,729
6,31,802	..	1	4,929	3,216	41	1,074	6,426
8,47,916	156	22	4,927	3,125	38	228	3,040
—	298	93	16,470	1,104	85,164	—	2,085
3,186	90	59	2,010	1,481	43,966	—	164
16,962	159	58	12,036	701	30,680	27	359
64,985	184	59	8,470	499	26,495	329	373
1,35,651	74	42	13,164	778	22,568	356	88
1,96,200	257	37	8,765	1,169	11,618	95	86
1,94,487	95	120	2,474	1,627	13,686	210	146
2,27,074	163	58	3,054	2,277	8,111	375	247
2,82,381	247	47	2,463	1,714	6,608	147	61
94	11,817	279	1,431	—	42,867	156	1,997
30,903	37	553	342	—	41,570	458	1,116
54,295	—	163	35	—	26,390	864	1,613
1,54,975	—	149	—	—	24,688	1,043	1,026
2,12,918	—	91	—	—	14,212	780	1,256
3,45,463	3	23	—	—	20,542	1,499	1,636
2,69,356	55	59	—	—	7,376	3,594	1,724
3,14,652	—	—	—	—	—	1,267	1,026

Serial No.	Name of Market Committee & Year	Wheat	Gram]	Barley	Maize
10	KHAMANON				
	1976-77	.. 1,68,193	58	29	7,848
	1977-78	.. 2,08,053	—	—	2,459
	1978-79	.. 1,88,710	36	22	3,272
	1979-80	.. 2,68,728	10	32	1,811
	1980-81	.. 3,55,957	3	6	1,468
	1981-82	.. 2,04,789	50	538	148
	1982-83	.. 3,26,378	3	2	85
11	MALAUD				
	1976-77	.. 1,59,570	127	2,876	362
	1977-78	.. 1,63,268	—	23	31,556
	1978-79	.. 1,71,819	—	19	1
	1979-80	.. 1,63,219	5	—	—
	1980-81	.. 2,09,361	—	—	—
	1981-82	.. 1,56,103	—	—	—
	1982-83	.. 1,73,559	—	—	—

(Source : Secretary, Punjab State Agricultural

Paddy	Jowar	Bajra	Gur	Potatoes	G.Nut	Cotton	
						American	Desi
17,397	4	1	813	—	2,127	—	1
89,462	—	—	363	7	1,613	—	—
1,26,423	48	20	477	170	1,457	—	—
2,89,986	60	—	75	—	226	—	—
3,98,444	20	12	31	—	137	—	—
4,52,987	30	1	4	6	2	10	—
5,48,813	46	5	12	—	3	—	—
17,886	1	7	44	130	6	—	—
35,893	—	3	103	179	—	—	—
60,127	—	—	39	4,062	—	—	—
94,997	—	—	16	134	—	—	—
1,13,094	—	1	23	95	—	—	—
1,58,321	—	—	—	56	—	—	—
2,37,958	—	—	37	44	—	—	—

Marketing Board, Chandigarh).

CHAPTER-VII COMMUNICATIONS

Railways

There are 19 railway stations on the various lines of the Northern Railway within the district, viz., Loudhowal, Ludhiana, Dhandari Kalan, Sahnewal, Doraha, Jaspalon, Chawapail, Khanna, (Model Gram) (Ludhiana), Baddowal, Bhanhod Punjab, Mullanpur, Chauki Man, Jagraon, Nanaksar, Gill, Jassowal, Qila Raipur and Ghungrana.

Roads

Since the publication of Ludhiana District Gazetteer (1970), the length of roads in the district has increased substantially. The type and length of roads maintained by Public Works Department (B. & R.) in the district is given below:

(Kilometres)

Year	National Highways			Provincial Highways			Grand Total
	Black top	Water Bound Macadam roads shall ultimately be finished as black top roads	Total	Black top	Water Bound Macadam roads shall ultimately be finished as black top roads	Total	
1977-78	59	—	59	2,293	76	2,369	2,428
1978-79	59	—	59	2,423	82	2,505	2,564
1979-80	59	—	59	2,527	50	2,577	2,636
1980-81	59	—	59	2,456	191	2,647	2,706
1981-82	59	—	59	2,599	103	2,702	2,761
1982-83	59	—	59	2,624	104	2,728	2,787

(Statistical Abstracts of Punjab, 1978 to 1983)

State Transport:—Punjab Roadways Ludhiana and Pepsu Road Transport Corporation, Ludhiana serve the passenger traffic in the district. Besides, Municipal Corporation Transport, Ludhiana is functioning on

the local routes. The bus routes maintained by these transport undertakings with route length is given in Appendix I at the end of the chapter on pages 62—70. The other statistics of state transport are given in Appendix II on pages 72-73.

Private Transport:—Private transport, taxis and auto-rickshaws are the other important means of passenger traffic. Among all districts of the State, Ludhiana District is in the fore-front in private bus transport which operates mainly in the interior parts of the district. The bus routes maintained by the private transport companies in the district is given in the Appendix III on pages 74—81.

The number of different types of motor vehicles registered in the Ludhiana District, during 1976 to 1982, is given below:

Year	Cars	Jeeps	Trucks	Taxis	Tractors	Buses	Motor cycles	Auto-rickshaws	Miscellaneous
1976	396	19	121	36	657	9	3,370	4	66
1977	356	16	148	12	763	56	4,289	20	64
1978	273@	—	175	5	1,243	93	4,041	16	2
1979	259	26	147	4	1,231	47	3,181	39	127
1980	258	36	215	21	2,451	32	4,169	60	142
1981	215	32	295	25	1,347	29	5,635	57	149
1982	616	102	989	124	4,386	5	12,791	72	81

(Statistical Abstracts of Punjab 1978 to 1980 and District Transport Officer, Ludhiana)

*Including scooters

@Jeeps are included

Shipping and Air Traffic:—There is no port in Ludhiana District, as Punjab is not a coastal State.

The Ludhiana Aviation Club started functioning from June 1968. One daily flight (except on Sundays) was started by the Vayudoot from Ludhiana to Delhi in March 1982. Since then, Ludhiana is linked with Delhi by air—the third means of transport.

Travel and Tourist Facilities:—Two tourist centres have been developed by the Punjab Tourism Development Corporation in the district. One of these is Queen's Flower Tourist Resort at Neelon on Chandigarh Ludhiana State Highways. It has a beautiful surrounding and is situated

on the bank of Sirhind Canal. The other is Amrits Tourist Bungalow, Ludhiana. It has well-laid lawns, children park, bar, etc. It is situated on Ludhiana-Atlanta National Highway and is about 8 km. from Ludhiana.

Besides, there are rest houses maintained by different departments for the use of their employees during their visit to these places. A list of rest houses etc. in the district is given at Appendix IV on pages 82-83.

Posts, Telegraphs and Telephones:—There were 11 sub-post offices with 82 branch post offices under the Head Post Office at the district headquarters, Ludhiana on 30 September 1971. The number of these post offices rose to 1 head post office, 60 sub-offices, 1 extra departmental sub-office and 254 extra departmental branch offices in 1966. With the extension of postal facility, the number further rose to 3 head post offices, 110 sub-post offices and 286 branch offices on 31 March 1983. The list of these post offices is given in Appendix V on pages 84-92.

Telegraphs.—In 1966, the telegraph facilities were available in 24 post offices in the district which rose to 63 on 31 March 1983. The categorized list of these telegraph offices is given in Appendix VI on pages 93-94.

Telephones.—The detailed particulars regarding the telephone exchanges with telephone connections in the district as on 31 March 1983, is given in Appendix VII on pages 96-97.

Radio and Television—There is no radio broad-casting or television station in the Ludhiana District, though the number of radio or television owners are increasing substantially year by year. The number of radio licences has decreased as the radio transmitters (upto two bands) have been exempted from licence. The number of radio and television licences in the district is given in the following table:—

Television and Radio licences as on 31 December

Year	Television	Radio
1966	—	56,807
1971	—	96,386
1976	5,246	1,36,170
1977	6,923	1,53,739
1978	11,565	1,53,627
1979	15,682	1,46,504
1980	19,615	1,05,801
1981	27,061	76,452
1982	36,610	30,446

(Statistical Abstracts of Punjab 1967, 1972 and 1977 to 1983)

Statistics on Road Accidents:—The statistics regarding the road accidents in the district for the years 1966-67, 1971-72 and 1976-77 to 1982-83 are given below:

Road Accidents in Ludhiana District (Number)

Year	Accidents	Vehicles involved	Persons killed	Persons injured
1966-67	138	138	35	114
1971-72	144	149	65	133
1976-77	140	140	66	74
1977-78	229	225	90	174
1978-79	246	201	130	150
1979-80	192	182	85	65
1980-81	154	154	72	160
1981-82	153	153	71	155
1982-83	204	204	108	240

(Statistical Abstracts of Punjab 1967, 1972 and 1977 to 1983)

APPENDIX B (Page 59)
 Bus Routes operated by Public Transport in Ludhiana District as on 31 March 1983

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
1	Punjab Roadways Ludhiana	Ludhiana—Dhianpur	2	160	640
411	..	Ludhiana—Firozpur	4	131	1,048
411	..	Ludhiana—Delhi	5	319	3,190
411	..	Ludhiana—Abohar (Night service)	1	212	424
411	..	Ludhiana—Ganga Nagar	1	248	496
411	..	Ludhiana—Abohar—Suratgarh	1	331	662
421	..	Firozpur—Fazilka	2	88	352
43	..	Ludhiana—Tanda	2	104	416
441	..	Ludhiana—Panchhat	2	65	260
441	..	Ludhiana—Sangrur	2	81	324
441	..	Jalandhar—Barnala	1	143	286
442	..	Ludhiana—Malau (via Ahmedgarh)	5	48	480
442	..	Ludhiana—Rauni (via Malau)	1	71	142
442	..	Ludhiana—Hissar	2	238	952
442	..	Ludhiana—Rara Sahib (via Payal)	2	53	212
442	..	Ludhiana—Amloh	2	57	228
442	..	Ludhiana—Jourepul	2	71	284
442	..	Ludhiana—Bahadewal—Sihora—Malerkotla	1	70	140
442	..	Ludhiana—Patiala (via Amloh—Bhadeson)	1	97	194
442	..	Ludhiana—Sultanpur	2	83	332
442	..	Ludhiana—Nakodar	2	50	200
442	..	Ludhiana—Shahkot	3	69	414
442	..	Ludhiana—Mehatpur	1	60	120
442	..	Ludhiana—Talwan (via Nurmahal)	2½	46	230

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
Punjab Roadways Ludhiana	..	Ludhiana—Jandiala	4½	46	414
..	..	Ludhiana—Machhiwara (via Kohara)	3	38	228
..	..	Ludhiana—Machhiwara (via Samraja)	1	47	94
..	..	Ludhiana—Kum—Ghumana	1	42	84
..	..	Ludhiana—Nangal	2	155	620
..	..	Ludhiana—Gujjarwal (via Jodhan)	4	28	224
..	..	Gujjarwal—Machhiwara	3	51	306
..	..	Ludhiana—Chandigarh	3	100	600
..	..	Ludhiana—Gujjarwal (via Dehlon)	2	28	112
..	..	Ludhiana—Phalewal (via Jodhan)	1	31	62
..	..	Ludhiana—Bhain Darera	3	35	210
..	..	Ludhiana—Raikot (via Pakhowal)	4	42	336
..	..	Ludhiana—Behlolpur	3	53	318
..	..	Khanna—Samraja	4	16	128
..	..	Khanna—Machhiwara	2	26	104
..	..	Khanna—Ghumana	2	53	140
..	..	Ludhiana—Samraja	½	37	37
..	..	Ludhiana—Rara Sahib (via Ahmedgarh)	4	44	352
..	..	Ludhiana—Jalandhar	29½	61	3,599
..	..	Ludhiana—Talwan (via Mao Sahib)	2	37	148
..	..	Ludhiana—Ambala Cantt	7	118	1,654
..	..	Ludhiana—Sidhwan Bot (via Bhundri)	2	34	136
..	..	Ludhiana—Patiala (via Nabha)	7	111	1,554

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
1	Punjab Roadways Ludhiana	Ludhiana—Phallewal	1	29	58
		Ludhiana—Khanna	4	44	352
		Ludhiana—Malaud (via Dhamot)	3	50	300
		Ludhiana—Pathankot	2	184	736
		Ludhiana—Nakodar (via Jandiala)	2	63	252
		Ludhiana—Anandpur Sahib (via Jhar Sahib)	1	121	242
		Ludhiana—Nangal (via Jhar Sahib)	1	142	284
		Machhiwara—Payal—Ahmedgarh	4	55	440
		Machhiwara—Dhamot (via Payal)	3	35	210
		Machhiwara—Dhamot—Malerkotla	1	66	132
		Ludhiana—Ghudani Kala	2	31	124
		Ludhiana—Kheri Naud Singh	1	58	116
		Ludhiana—Ratni—Malakpur	2	62	248
		Ludhiana—Malaud (via Rara)	5	39	390
		Ludhiana—Talwan (via Bilga)	1	40	80
		Ludhiana—Mao Sahib	4	30	240
		Jalandhar—Pongdam	1	108	216
		Ludhiana—Nihal Singh wala	3	101	606
		Ludhiana—Phagwara—Kapurthala	2	84	336
		Ludhiana—Chandigarh (via Sirhind)	2	115	460
		Ludhiana—Rupnagar (via Chamkaur Sahib)	1	88	176
		Ludhiana—Bela—Rupnagar	2	86	344
		Jalandhar—Batala	4	80	640
		Phallewal—Chandigarh	2	118	472
		Jalandhar—Amritsar	6	83	996
		Ludhiana—Amritsar	1	144	288

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
1	Punjab Roadways, Ludhiana	Phillaur—Chandigarh	1	116	232
		Ludhiana—Bhaini Sahib	3	29	174
		Ludhiana—Faridkot	1	121	242
		Ludhiana—Sherpur	1	69	138
		Ludhiana—Lohatbaddi	1	44	88
		Ludhiana—Sandhor	1	48	96
		Ludhiana—Machhiwara (via Rattangarh)	3	51	306
		Ludhiana—Machhiwara (via Mattewara)	2	49	196
		Ludhiana—Shimla	1	216	432
		Ludhiana—Kulu	1	322	644
		Ludhiana—Chandigarh (via Karimpura)	1	122	244
		Ludhiana—Kapurthala—Nakodar	1	83	166
		Ludhiana—Rara Sahib (via Bilaspur)	2	40	160
		Ludhiana—Patiala (via Nandpur)	1	97	194
		Ludhiana—Patiala (via Ahmedgarh—Rara—Khanna)	1	127	254
		Ludhiana—Maksudra	2	33	132
		Ludhiana—Katra	1	336	672
		Ludhiana—Jammu	1	288	576
		Ludhiana—Sri Hargobindpur	2	145	580
		Faridkot—Ludhiana—Nangal	1	285	570
		Ludhiana—Isru	2	45	180
		Ludhiana—Jargari—Jourepul	1	51	102
		Ludhiana—Chandigarh (via Bassi)	1	123	246
		Ludhiana—Dholbaha	2	105	420
		Machhiwara—Patiala	2	79	316
		Ludhiana—Matewara—Khanna	2	75	300

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (Km)	Total Daily Service (Km)
1	Punjab Roadways, Ludhiana	Rara Sahib—Chandigarh	1	100	200
		Machhiwara—Khanna—Malerkotla	2	75	300
		Ludhiana—Chintpurni	1	120	240
		Hoshiarpur—Hamirpur ..	1	104	208
		Ludhiana—Shahtalie (H.P.) ..	1	203	406
		Panchbat—Jallowal ..	1	13	26
		Khanna—Morinda ..	1	32	64
		Khanna—Chandigarh	2	70	280
		Ludhiana—Jandiala ..	1	46	92
		Sidhsar—Amritsar ..	1	190	380
		Ludhiana—Doraha ..	6	27	324
		Doraha—Samrala ..	2	20	80
		Ludhiana—Begowal ..	6	30	360
		Ludhiana—Jatana ..	3	32	192
		Ludhiana—Jaspalon ..	2	36	144
		Udham Singh Nagar—Sahnewal	10	26	520
		Ludhiana—Sarabha ..	2	27	108
		C. Tower Ludhiana—Delhon	12	26	624
		C. Tower Ludhiana—Ahmedgarh	6	32	384
		Phillaur—Goraya	8	11	176
		Goraya—Phagwara ..	6	11	132
		Phillaur—Qadian ..	3	11	66
		Udham Singh Nagar—Dhanansu	4	27	216
		Local Stand—Mullanpur ..	4	27	216
		Ludhiana—Payal	4	36	288
		Ludhiana—Mullanpur ..	3	30	180
	2 Pepsu Road Transport Corporation, Ludhiana	Ludhiana—Patiala (via Nabha)	10	111	2,220
		Malerkotla—Patiala	3	62	372
		Patiala—Ambala Cantt	5	56	560
		Patiala—Hoshiarpur (via Khanna)	1	194	388

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
2	Pepsu Road Transport Corporation, Ludhiana	Ludhiana—Bathinda (via Moga)	1	175	350
		Ludhiana—Jind (via Patran)	1	209	418
		Ahmedgarh—Patiala ..	5	82	820
		Sangrur—Patran ..	1	42	84
		Hoshiarpur—Ambala Cantt ..	2	198	792
		Ludhiana—Hissar ..	3	246	1,476
		Ludhiana—Bathinda (via Barnala)	8	154	2,464
		Ludhiana—Hoshiarpur ..	1	81	162
		Ludhiana—Rara Sahib (via Payal) ..	4	52	416
		Ludhiana—Patiala (via Narangwal) ..	2	11	444
		Ludhiana—Sangrur (via Narangwal) ..	6	82	984
		Phagwara—Hoshiarpur ..	3	38	228
		Phagwara—Mahilpur (via Baddon) ..	2	42	168
		Ludhiana—Patiala (via Khanna—Sirhind) ..	3½	97	679
		Patiala—Sultanpur (via Nakodar) ..	1	189	378
		Ludhiana—Khèri Naud Singh	2	59	236
		Patiala—Malaud ..	2	83	332
		Patiala—Rampur—Katani ..	1	90	180
		Patiala—Amritsar (via Sirhind)	2	246	984
		Ludhiana—Sangrur (Night Service) ..	2	73	292
		Ludhiana—Ambala Cantt ..	4	118	944
		Ahmedgarh—Chandigarh ..	2	108	432
		Ludhiana—Jind (via Ambala) ..	1	272	544
		Sultanpur—Malsian ..	3	24	144
		Phagwara—Rurka—Badala ..	2	21	84
		Phagwara—Bilga ..	1	32	64
		Phagwara—Nurmahal ...	3	29	174
		Phagwara—Jandiala ..	2	19	76

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
2	Pepsu Road Transport Corporation, Ludhiana	Phagwara—Nakodar	1	32	64
		Phagwara—Sangatpur	6	14½	174
		Phagwara—Panchta	4	19	152
		Phagwara—Rajpur Bhaian	4	29	232
		Phagwara—Sarhal	3	15	90
		Phagwara—Panjora	2	19	76
		Phagwara—Mahilpur (via Panjora)	2	35	140
		Ludhiana—Kapurthala (via Nakodar)	1	92	184
		Bathinda—Suratgarh	1	160	320
		Ludhiana—Patiala (via Bakshiwal)	2	99	396
		Ludhiana—Sherpur	1	69	138
		Phagwara—Malshian	4	47	376
		Giddarbaha—Amritsar	1	338	676
		Ludhiana—Phagwara	7	43	602
		Ludhiana—Sultanpur (via Nakodar)	4	93	744
		Phagwara—Amritsar (via Goindwal)	2	141	564
		Ludhiana—Sultanpur (via Kapurthala)	1	118	236
		Phagwara—Ranipur (via Madhopur)	3	16	96
		Ahmedgarh—Delhi	1	335	670
		Phagwara—Maiopatti	3	23	138
		Phagwara—Bhugana	2	21	84
		Ludhiana—Garhshankar	2	75	300
		Jalandhar—Lassara	2	58	232
		Ludhiana—Malaud	4	39	312
		Ludhiana—Ghudani	1	31	62
		Ludhiana—Rara Sahib (via Bilaspur)	2	41	164
		Ludhiana—Jaurèpul (via Taunsa)	1	62	124

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
3	Municipal Corporation Transport, Ludhiana	Local Stand—Dullèy	6	21	252
		Local Stand—Khanpur	4	31	248
		Model Town—Jamalpur	36	23	1,656
		Local Stand—Colony Khèrè Nurpur	5	26	260
		Local Stand—Begowal	15	30	900
		Local Stand—Sahnèwal	10	25	500
		Local Stand—Sahibana	6	15	180
		Local Stand—Badowal	6	21	252
		Local Stand—Pakhowal	5	37	370
		Local Stand—Chounta	10	26	520
		Local Stand—Lohgarh	5	30	300
		Local Stand—Rara Sahib	5	30	300
		Local Stand—Pamali	2	22	88
		Local Stand—Mullanpur	8	25	400
		Local Stand—Dètwal	4	23	184
		Local Stand—Phaglia	2	27	108
		Local Stand—Jhamat (via Ayali)	5	22	220
		Local Stand—Phillaur	24	19	912
		Local Stand—Dhanansu/Kum Kalan	5	25	250
		Local Stand—Jassowal	6	20	240
		Local Stand—Dolon	6	20	240
		Local Stand—Humbran	6	25	300
		Local Stand—Dhanansu (via Tajpur)	6	20	240
		Local Stand—Mullanpur (via Issèwal)	4	29	232
		Local Stand—Sahnèwal (via Harnampura)	4	31	248
		Local Stand—Bhai Randhir Singh Nagar	7	14	196
		Local Stand—Gill—Lohara	5	18	180

Serial No.	Name of Transport Company	Name of Route	No. of Daily Trips	Route Length (km)	Total Daily Service (km)
3	Municipal Corporation Transport Ludhiana	Local Stand—Simlapuri	6	12	144
		Local Stand—Moti Nagar - Sherpur	7	12	168
		Local Stand—Ayali Kalan ..	6	18	216
		Local Stand—Ladowal Farm ..	2	15	60
		Local Stand—Jodhan ..	4	22	176
		Local Stand—Khawajke—Mangat	6	22	264
		Local Stand—Mullanpur—Mohi	4	30	240

(Source : General Manager, Punjab Roadways, Ludhiana, General Manager, Pepsu Road Transport Corporation, Ludhiana and General Manager, Municipal Corporation Transport, Ludhiana)

APPENDIX II

Statistics of State Transport in the Ludhiana District

APPENDIX

Statistics of State Transport in the Ludhiana

Items	Punjab Roadways		
	1978-79	1979-80	1980-81
Total Fleet (Number)	.. 223	160	172
Total Kilometres (Lakhs)	.. 170.12	174.51	137.82
Effective Kilometres (Lakhs)	.. 168.46	172.11	136.35
Total Passengers carried (Lakhs)	.. 350.51	388.98	268.55
Daily operated kilometres on effective (Kms)	.. 46,000	47,000	37,000
Daily operated kilometres on Total (Kms)	.. 47,000	48,000	38,000
Daily Passengers carried (Number)	.. 96,000	1,06,000	74,000

II

District, 1978-79 to 1982-83.

Ludhiana		Pepsu Road Transport Corporation, Ludhiana			
1981-82	1982-83	1979-80	1980-81	1981-82	1982-83
192	192	48	51	80	86
163.85	165.13	51.09	52.87	60.96	72.59
161.57	162.51	50.1	51.81	60.32	71.81
314.95	340.50	48.84	87.69	147.63	183.80
44,000	45,000	13,705	14,195	16,526	19,674
45,000	45,000	13,959	14,485	16,702	19,588
86,000	93,000	13,344	24,025	40,447	50,355

(Statistical Abstracts of Punjab, 1979 to 1983)

APPENDIX III

(Vide page 59)
Bus Routes operated by Private Transport Companies of Ludhiana District as on 31 March 1983

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length (kms)	Total Daily Service (kms)
1	2	3	4	5	6
1	Bhatti Bus Service Regd., Khanna	1 Bassi-Malerkotla (via Sihora)	2	81	324
		2 Gobindgarh--Khanna-Mehmoodpur (via Galwadi)	4	21	168
2	Dashmesh Bus Service Regd., Raikot	1 Pakhowal-Barnala (via Raikot)	7	51	714
		2 Sangrur-Ludhiana (via Kutba Raikot)	1	115	115
		3 Pakhowal-Ludhiana (via Sarabha)	4	29	232
		4 Barnala-Ahmedgarh (via Thikriwala)	1	57	114
3	Gill Transport Service Regd., Raikot	1 Barnala-Raikot (via Chak Bhai Ke)	2	48	192
4	Grewal Transport P. Ltd., Qila Raipur	1 Malerkotla-Bassi (via Jarg)	3	79	474
		2 Bassi-Morinda	1	16	32
5	Karamsar Transport Co. P. Ltd., Khanna	1 Bassi-Malerkotla (via Jarg)	4	79	632
		2 Bassi-Morinda	2	16	64
6	Kartar Bus Service Regd., Raikot	1 Malerkotla-Raikot	6	38	456
		2 Sangrur-Raikot (via Hareri, Kanghla)	1	93	186
		3 Raikot-Jagraon (via Rummi)	2	24	96
		4 Raikot-Jagraon (via Talwandi)	2	26	104
		5 Raikot-Jagraon (via Bassian)	2	24	96
		6 Malerkotla-Sherpur (via Sherwani Kot Khalsa)	1	31	62
		7 Mahal Kalan-Malerkotla	1	37	74

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length (kms)	Total Daily Service (kms)
1	2	3	4	5	6
		8 Ludhiana-Sherpur	1	67	134
		9 Malerkotla-Raipur (via Khurd Manki)	1	39	78
7	Kalgidhar Roadways Regd., Raikot	1 Barnala-Pakhowal (via Raikot)	3	51	306
		2 Sangrur-Ludhiana (via Kutba)	1	115	115
		3 Pakhowal-Ludhiana (via Sarabha)	3	29	174
8	Prem Transport Service Regd., Raikot	1 Barnala-Raikot (via Chak Bhaikhe)	3	48	288
		2 Barnala-Jagraon (via Thikriwala)	1	68	136
9	Pritam Bus Service Regd., Raikot	1 Bassi-Malerkotla (via Jarg)	1	78	156
10	Rajdeep Bus Service Regd., Khanna	1 Bassi-Malerkotla (via Jarg)	1	78	156
		2 Sirhind-Kharar	1	42	84
11	Sekhon Transport Service Regd., Raikot	1 Malerkotla-Raikot	2	38	152
		2 Malerkotla-Raikot (via Manki Khurd, Dasaunda Singh Wala)	1	39	78
12	Tusa Bus Service Regd., Tusa	1 Malerkotla-Raikot	2	38	152
13	Vishkarma Transport Co., Regd., Raikot	1 Raikot-Sehna (via Chung, Bihla)	1	47	94
14	New Akal Land and Finance P. Ltd., Ludhiana	1 Khem Karan-Ludhiana	1	179	179
		2 Ludhiana-Abohar (via Moga)	1	203	203
		3 Ludhiana-Bhattian	2	30	120
		4 Jagraon-Chakkar	2	22	88
15	Amar Grewal Bus Service Regd., Ludhiana	1 Patiala-Rampur (via Jaurepul)	1	90	180
		2 Patiala-Doraha-Ludhiana	1	108	216
		3 Ludhiana-Dhamot (via Kaddon, Payal)	1	37	74
		4 Dhamot-Chaunda	1	27	54

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length	Total Daily Service (kms)
1	2	3	4	5	6
16	Bhupal Bus Service Regd., Ludhiana	1 Samrala-Doraha-Ludhiana	3	47	282
		2 Ludhiana-Rampur	2	29	116
		3 Ludhiana-Jaspalon (via Doraha)	1	32	64
		4 Rampur-Samrala	2	21	84
17	Chehal Bus Service Regd., Khanpur	1 Ludhiana-Rara Sahib (via Sarin, Chawadi)	1	24	48
		2 Ludhiana-Rara Sahib-Sihora (via Sarin)	2	37	148
		3 Rara Sahib-Malaud (via Zirakh, Lehal)	1	13	26
18	Deol Transport Co. Regd., Raikot	1 Jagraon-Bahadurgarh (via Raikot)	1	45	90
		2 Jagraon-Bhundri (via Chowkiman)	1	25	50
		3 Jagraon-Ahmedgarh (via Bassian, Raikot)	1	45	90
		4 Jagraon-Ahmedgarh (via Dholan-Halwara)	2	45	180
		5 Jagraon-Raikot (via Rummi, Chhajawal)	1	24	48
		6 Ahmedgarh-Malerkotla (via Kanganwal)	2	27	108
		7 Barnala-Jagraon (via Thikriwal)	1	68	130
		8 Malerkotla-Raikot (via Khurd Manki)	1	39	78
19	Deol Highways Service Regd., Raipur Bet	1 Ludhiana-Masahni (via Goraya)	1	39	78
		2 Ludhiana-Rampur	2	29	116
		3 Rampur-Samrala	2	21	84
20	Guru Teg Bahadur Transport Co. P. Ltd., Ludhiana	1 Ludhiana-Malerkotla	1	45	90
		2 Ludhiana-Ambala Cantt.	4	115	920
		3 Ludhiana Malaud (via Ahmedgarh)	2	48	192

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length (kms)	Total Daily Service (kms)
1	2	3	4	5	6
		4 Ludhiana-Ambala (via Khanna)	1	56	112
		5 Ludhiana-Khanna-Khori Naud Singh	1	58	116
		6 Ludhiana-Rauni (via Payal)	1	53	106
		7 Ludhiana-Hissar (via Sangrur)	1	235	235
		8 Ludhiana-Rara Sahib (via Doraha, Bilaspur)	2	40	160
		9 Khanna-Samrala	1	16	32
		10 Ludhiana-Sherpur	1	67	134
21	Guru Nanak Roadways Regd., Raikot	1 Ludhiana-Raikot (via Mullianpur)	2	44	176
22	Gurdev Tourist Bus Service Regd., Samrala	1 Khanna-Machhiwara	3	26	156
		2 Ludhiana-Nangal	1	155	310
		3 Ludhiana-Rupnagar (via Bela)	1	86	172
		4 Khanna-Rupnagar (via Burmajra)	1	64	128
		5 Samrala-Doraha	3	25	150
23	Harmander Sahib Transport Co., P. Ltd., Ludhiana	1 Ludhiana-Rupnagar (via Kurali)	1	93	186
24	Janta Sewak Trust Bus Service, Samrala	1 Samrala-Batalpur	6	16	192
25	Jujhar Transport Co., P. Ltd., Ludhiana	1 Ludhiana-Samrala	2	37	148
		2 Samrala-Kuruli	2	40	160
		3 Samrala-Rupnagar (via Pant)	1	51	102
		4 Payal-Machhiwara	2	29	116
		5 Samrala-Amanpur Sahib	1	84	84
		6 Samrala-Khanna	2	16	64
		7 Gujjarwal-Machhiwara	1	51	102
		8 Ludhiana-Machhiwara (via Khanna)	1	38	76

LUDHIANA

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length (kms)	Total Daily Service (kms)
1	2	3	4	5	6
		9 Anandpur Sahib-Nangal	1	21	21
		10 Payal-Ahmedgarh	2	26	104
26	Kalgidhar Transport Co. P. Ltd., Ludhiana	1 Ludhiana-Ambala Cantt.	4	115	920
		2 Ludhiana-Jarg-Jaurepul	1	71	142
		3 Ludhiana-Dhamot	2	37	148
		4 Ludhiana-Raikot	1	44	88
		5 Ludhiana-Hissar	1	235	235
		6 Ludhiana-Maherna Kalan	1	56	112
		7 Ludhiana-Lohat Badi	1	44	88
		8 Ludhiana-Maland (via Ahmedgarh)	2	48	192
		9 Ludhiana-Nabha	1	78	156
		10 Raikot-Hathur (via Jhorran)	1	22	44
		11 Dhamot-Chaunta	2	27	108
27	Ludhiana Malwa Transport Bus Service Regd., Barundi	1 Ludhiana-Machhiwara (via Mattewara)	3	49	294
		2 Khanna-Raikot (via Payal)	1	69	138
		3 Samrala-Khanna-Machhiwara	1	37	74
		4 Raikot-Jagraon-Bhindran	2	58	232
		5 Jagraon-Ahmedgarh (via Halwara)	1	45	90
		6 Ludhiana-Machhiwara (via Bonker)	1	54	108
		7 Bhindera-Kot Issekhan	2	19	76
		8 Jagraon-Badhni (via Rasulpur)	1	26	52
28	Ludhiana Transport Co., P. Ltd., Ludhiana	1 Ludhiana-Issewal-Mullanpur	1	27	54
		2 Raikot-Hathur	2	21	84
		3 Jagraon-Ludhiana (via Sudhar)	1	61	122
		4 Ludhiana-Nathowal (via Raikot)	1	58	116

COMMUNICATION

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length (kms)	Total Daily Service (kms)
1	2	3	4	5	6
		5 Jagraon-Nathowal (via Bassian)	1	24	48
		6 Ludhiana-Sarabha	1	24	48
		7 Ludhiana-Jodhan	2	20	80
		8 Ludhiana-Bathinda (via Raikot)	2	153	612
		9 Jalandhar-Barnala (via Raikot)	1	143	286
		10 Raikot-Barnala	1	40	80
		11 Ludhiana-Mullanpur-Mohie	2	25	100
		12 Ludhiana-Raikot (via Mullanpur)	20	44	1,760
		13 Ludhiana-Pakhowal-Baraundi	1	40	80
		14 Ludhiana-Pakhowal Raikot	1	44	88
		15 Ludhiana-Gujjarwal-Phallewal (via Jodhan)	1	28	56
		16 Raikot-Jagraon-Bhadurgarh	2	45	180
		17 Raikot-Jagraon	6	24	288
		18 Ludhiana-Raikot (via Talwandi)	1	56	112
		19 Ludhiana-Raikot (via Boparai)	1	48	96
		20 Jagraon-Halwara (via Dholan)	1	27	54
29	Mode Transport Service Co., Regd., Raipur	1 Ludhiana-Rara (via Sahnewal)	1	33	66
		2 Ludhiana-Dhamot (via Payal)	1	37	74
30	Manjit Transport Co., Regd., Ludhiana	1 Ludhiana-Talwan (via Bilga)	1	40	80
		2 Ludhiana-Nawanshahar (via Bahera)	1	52	104
		3 Ludhiana-Talwan (via Nurmahal)	1	42	84
		4 Ludhiana-Nurpur Bet	2	19	76
		5 Nurpur Bet-Sidhwan Bet	2	22	88
31	Nirankar Transport Co., P. Ltd., Ludhiana	1 Khanna-Raikot (via Payal)	1	69	138
		2 Ludhiana-Pakhowal-Rumi	1	44	88

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length (kms)	Total Daily Service (kms)
1	2	3	4	5	6
		3 Khanna-Samrala	1	16	32
		4 Raikot-Jagraon (via Bassian)	1	24	48
32	Nirbhair Roadways P. Ltd., Ludhiana	1 Ludhiana-Khanna-Kheri Naud Singh	1	58	116
		2 Ludhiana-Siarh (via Dehlon)	1	29	58
		3 Ludhiana-Rara Sahib (via Ahmedgarh)	2	44	176
		4 Firozpur-Ambala Cantt.	1	259	259
		5 Ludhiana-Faridkot (via Talwandi)	1	121	242
		6 Ludhiana-Raikot (via Ahmedgarh)	1	48	96
		7 Ludhiana-Jarg	1	71	142
		8 Ludhiana-Ambala Cantt.	2	115	460
		9 Ludhiana-Khanna-Amlōh	1	50	100
		10 Ludhiana-Nabha (via Malerkotla)	1	78	156
		11 Ludhiana-Pakhowal (via Jodhan)	1	28	56
		12 Khaira-Patiala (via Harike-Moga-Ludhiana)	1	256	256
		13 Ludhiana-Nihal Singh Wala (via Guru Gobind Singh Marg)	1	101	202
		14 Ludhiana-Sherpur (via Maherna Kalan)	1	67	134
33	Nankana Sahib Transport Co., P., Ludhiana	1 Ludhiana-Samrala	1	57	111
		2 Ludhiana-Samrala-Behlolpur	1	51	102
		3 Ludhiana-Raikot (via Mullanpur)	1	44	88
		4 Ludhiana-Pakhowal-Barundi	1	40	80
		5 Ludhiana-Jagraon	1	40	120
		6 Jagraon-Moga	1	30	60
		7 Ludhiana-Katanai Kalan	1	25	50
		8 Ludhiana-Firozpur	1	131	262
		9 Jagraon-Mullanpur-Purain	1	32	64

COMMUNICATION

Serial No.	Name of the Transport Co.	Name of Route	No. of Daily Trips	Single Length (kms)	Total Daily Service (kms)
1	2	3	4	5	6
		10 Ludhiana-Andlu	1	17	34
		11 Jagraon-Bhundri (via Chaukiman)	1	25	50
34	Shri Guru Nanak Transport Co., Regd., Raikot	1 Ludhiana-Raikot (via Mullanpur)	2	44	176
		2 Raikot-Jagraon	1	24	48
		3 Raikot-Ludhiana-Khera	1	129	258
		4 Ludhiana-Nathowal	1	58	116
		5 Barnala-Raikot (via Chak Bhakra)	1	48	96
35	Sheikupura Transport P. Ltd., Ludhiana	1 Ludhiana-Ambala Cantt.	1	115	230
		2 Ludhiana-Nawanshahar (via Rahon)	2	57	228
		3 Ludhiana-Jalandhar	3	61	366
		4 Ludhiana-Malaud (via Ahmedgarh)	4	48	384
		5 Ludhiana-Rupnagar (via Kurali)	1	93	186
		6 Ludhiana-Shahkot	1	69	138
		7 Ludhiana-Sultanpur (via Nakodar)	1	86	172
		8 Ludhiana-Rara Sahib (via Sarhi)	2	44	176
		9 Ghudani Kalan-Ludhiana (via Rara Sahib)	1	31	62
		10 Faridkot-Anandpur Sahib (via Kot kapura)	1	256	512
		11 Ludhiana-Siarh (via Dehlon-Rurka)	1	29	58
		12 Siarh-Daud (via Malaud)	1	14	28
		13 Anandpur Sahib-Nangal	1	21	42
		14 Ludhiana-Jagraon	2	40	160
		15 Ludhiana-Raikot	3	44	264
		16 Ludhiana-Khanna	2	44	176
36	Zimidara Transport Co., P. Ltd., Ludhiana	1 Doraha-Khanna	4	21	168
		2 Ludhiana-Siarh	4	40	320
		3 Bahadurgarh-Jagraon (via Raikot)	1	45	90
		4 Bahadurgarh-Ludhiana	1	29	58

(Source : Secretary, Regional Transport Authority, Patiala)

APPENDIX IV

Rest Houses in the Ludhiana District as on 31 March 1983 (Vide page 60)

Serial No.	Places	No. of suites	Name of Reserving Authority
Tahsil Ludhiana			
1	Electricity Rest House, Ludhiana	2	Superintending Engineer Electricity, Ludhiana
2	P.W.D. (B. & R.), Rest House, Ludhiana	3	Executive Engineer, Provincial Division, P.W.D. (B. & R.), Ludhiana
3	Civil Rest House, Kohara	2	Deputy Commissioner, Ludhiana
4	Railway Rest House (Officers), Ludhiana	2	Divisional Railway Engineer, Ludhiana
5	Railway Rest House, (Class III Employees), Ludhiana	3	No reservation is done
6	Railway Rest House (Class IV Employees), Ludhiana	2	Ditto
7	Canal Rest House, Ludhiana	3	Executive Engineer, Sidhwan Division, Ludhiana
8	Canal Rest House, Bul	2	Executive Engineer, Rupnagar Division, Rupnagar
9	Canal Rest House, Lili	2	Executive Engineer, Rupnagar Division, Rupnagar
10	Canal Rest House, Pamali	2	Executive Engineer, Rupnagar Division, Rupnagar
11	Canal Rest House, Jagerha	2	Executive Engineer, Rupnagar Division, Rupnagar
12	Sutton House, P.A.U., Ludhiana	6	Registrar, Punjab Agricultural University, Ludhiana
13	Amltas Tourist Banglow, Bhattian, Ludhiana	24	Manager, Rest House, Bhattian, Ludhiana
14	Teacher's Rest House, Ludhiana	36	Asstt. Estate Officer, Ludhiana
Tahsil Samrala			
15	Panchayat Samiti, Rest House, Samrala	2	Executive Officer, Panchayat Samiti, Samrala
16	Neelon (Queen's Flower Tourist Resort)	7	Manager, Rest House, Neelon
Tahsil Jagraon			
17	Canal Rest House, Jagraon	2	Executive Engineer, Firozpur Division, at Faridkot

Serial No.	Places	No. of suites	Name of Reserving Authority
18	Canal Rest House, Bassian	2	Executive Engineer, Bathinda Division, Bathinda
19	Canal Rest House, Sidhwan	2	Executive Engineer, Sidhwan Division, Ludhiana
20	Canal Rest House, Akhara	2	Executive Engineer, Firozpur Division, at Faridkot
21	Canal Rest House, Chakkan	2	Executive Engineer, Firozpur Division at Faridkot
22	Canal Rest House, Akalgarh	2	Executive Engineer, Firozpur Division, at Faridkot
Tahsil Khanna			
23	Canal Rest House, Rampur	2	Executive Engineer, Rupnagar Division, Rupnagar
24	Forest Rest House, Doraha	2	Divisional Forest Officer, Ludhiana
25	Canal Rest House, Doraha	4	Executive Engineer, Rupnagar Division, Rupnagar
26	P.W.D. (B. & R.), Rest House, Khanna	2	Executive Engineer, Provincial Division, Ludhiana

APPENDIX V

(vide Page 60)

Post Offices in Ludhiana District as on 31 March 1983

Ludhiana City Division

1 Ludhiana Head Post Office

Sub-Post Offices

Branch Post Offices

- 1 Abdullapur Basti, Ludhiana
- 2 Aggar Nagar, Ludhiana
- 3 Basti Jodhewal, Ludhiana
- 4 Bharat Nagar, Ludhiana
- 5 Brhampuri, Ludhiana
- 6 Bani Ram Street, Ludhiana
- 7 Chander Nagar, Ludhiana
- 8 Civil Lines, Ludhiana
- 9 Christian Medical College, Ludhiana
- 10 Durga Puri, Ludhiana
- 11 Focal Point, Ludhiana
- 12 Gill Road Bye Pass, Ludhiana
- 13 G.K. Works, Ludhiana
- 14 G.T. Road, Ludhiana
- 15 Gurdev Nagar, Ludhiana
- 16 Guru Nanak Engineering College, Ludhiana
- 17 Hero Nagar, Ludhiana
- 18 Haibowal Road, Ludhiana
- 19 Iqbal Ganj, Ludhiana
- 20 Industrial Area-A, Ludhiana
- 21 Industrial Colony, Ludhiana
- 22 Industrial Estate, Ludhiana
- 23 Janta Nagar, Ludhiana
- 24 Jail Road, Ludhiana
- 25 Jamalpur Awana Ludhiana

- (i) Khawajke
- (ii) Mangat
- (iii) Nurwala

- (i) Dhandari Kalan
- (ii) Dhandari Khurd
- (iii) Khassi Kalan
- (iv) Kiryan Kalan
- (v) Mundian Kalan

Sub-Post Offices

Branch Post Offices

- 26 Kidwai Nagar, Ludhiana
- 27 Labour Colony, Ludhiana
- 28 Ludhiana City
- 29 Lajpat Rai Market, Ludhiana
- 30 Ludhiana Kutchery
- 31 Ludhiana Central
- 32 Ludhiana Bus Stand
- 33 Madhopuri, Ludhiana
- 34 Millarganj, Ludhiana
- 35 Moti Nagar, Ludhiana
- 36 Model Town, Ludhiana
- 37 New Model Town, Ludhiana
- 38 Neta Ji Nagar, Ludhiana
- 39 Partap Nagar, Ludhiana
- 40 Punjab Agricultural University, Ludhiana
- 41 Post and Telegraph Colony, Ludhiana
- 42 Samrala Road, Ludhiana
- 43 Sat Sang Road, Ludhiana
- 44 Sidh Peeth, Ludhiana
- 45 Sarabha Nagar, Ludhiana
- 46 Shivpuri, Ludhiana
- 47 Simlapuri, Ludhiana

- (i) Bagga Khurd
- (ii) C.S.F. Ladhawal
- (iii) Ladhawal
- (iv) Nurpur Bet

- (i) Bhattian
- (ii) Partap Singh Wala

Ludhiana Maffasl Division

- 1 Dehlon
- 2 Doraha

- (i) Butahri
- (ii) Khatra Chuham
- (iii) Lehra
- (iv) Saya Kalan

- (i) Bilaspur
- (ii) Bowani
- (iii) Daburji
- (iv) Jaspalon
- (v) Jatana
- (vi) Kaddon
- (vii) Lapran
- (viii) Rajgarh
- (ix) Ropalon

Sub-Post Offices	Branch Post Offices
3 Ghungrana	(i) Chhapar (ii) Dhurkot (iii) Kalakh (iv) Khera (v) Pohr
4 Gill	(i) Alamgir (ii) Dhandra (iii) Dulley (iv) Jassowal (v) Sarih
5 Ghudani Kalan	(i) Ghaloti (ii) Ghangas
6 Gujjarwal	(i) Ballowal (ii) Chamida (iii) Phallewal
7 Ghawaddi	(i) Bhutta (ii) Guram (iii) Khanpur (iv) Shankar
8 Jodhan	(i) Dhaipai (ii) Dollon Kalan (iii) Mansuran
9 Jaspal Bangar	(i) Lohara (ii) Sanghowal (iii) Natt
10 Qila Raipur	
11 Latala	(i) Barundi (ii) Rachhin (iii) Rangowal
12 Malaud	(i) Ber Khurd (ii) Dhodal Kalan (iii) Kuhli Kalan (iv) Ramgarh Sardaran (v) Sihan Daud
13 Narangwal	(i) Assi Kalan (ii) Jartauli (iii) Lohgarh (iv) Mehma Singh Wala

Sub-Post Offices	Branch Post Offices
14 Railway Road Doraha 15 Sahnewal	(i) Jogiana (ii) Kanech (iii) Nandpur (iv) Pawa (v) Tibba (i) Hans Kila (ii) Jhamat (iii) Kalhar (iv) Karamsar (v) Lehal (vi) Nanakpur Jageri (vii) Saharan Majra
16 Sihar	
II. Khanna Head Post Office	(i) Dahumajra (ii) Bhamaddi (iii) Ghungrali Rajputan. (iv) Ikolaha (v) Kishangarh (vi) Libra (vii) Mohanpur (viii) Rohanpur (ix) Rajjewal
1 A.S. College, Khanna 2 Bhari	(i) Fatehgarh Niwan (ii) Goh (iii) Goslan (iv) Hargana (v) Kheri (vi) Kotla Ajmer Singh (vii) Kotla Bhari (viii) Lehal Majri Kalan (ix) Kotla Badla (x) Manupur (xi) Raipur Majri
3 Behlolpur	(i) Chhaurian (ii) Powat (iii) Sherpur Bet
4 Dhamot	(i) Nizampur (ii) Sihaura
5 Daheru	(i) Bagli Kalan (ii) Bija Kalan (iii) Bhauria (iv) Dandpur

Sub-Post Offices	Branch Post Offices
6 Grain Market, Khanna	
7 Ghulal	(i) Ladhran (ii) Madhpur
8 Isru	(i) Aluna Pallah (ii) Chakohi (iii) Jallajan (iv) Nasrali (v) Hoal
9 Jarg	(i) Bharthala Randhwan (ii) Jargari (iii) Rauni (iv) Sirthala
10 Kakrala Kalan	(i) Kotla (ii) Sihala (iii) Nanowal Kalan
11 Katani Kalan	(i) Bhaini Sahib (ii) Chhandran (iii) Chaunta (iv) Junewal (v) Kum Kalan (vi) Kot Ganguria (viii) Rattan garh (viii) Uppal
12 Kohara	(i) Bhairomuna (ii) Bhagpur (iii) Dhanansu (iv) Gaddowal (v) Hiran (vi) Jandali (vii) Budhewal
13 Khumano Kalan	(i) Chari (ii) Jatan Ucha (iii) Manéila (iv) Pharaur (v) Shamaspur
14 Machhiwara	(i) Hambowal (ii) Jodhwal (iii) Panjgrain (iv) Takhran
15 Nai Mandi, Khanna	

Sub-Post Offices	Branch Post Offices
16 Payal	(i) Barmali pur (ii) Ghudani Khurd (iii) Maksudra
17 Rahwan	(i) Chak mari (ii) Lalori Kalan (iii) Harion Kalan (iv) Salaudi (v) Sèh
18 Ramgarh	(i) Sahibana
19 Rampur	(i) Bègowal (ii) Kubba (iii) Mèhdoodan
20 Sanghol	(i) Amrala (ii) Dulwan (iii) Lèhal Majri Khurd
21 Samrāla	(i) Bhagwan pura (ii) Barthala (iii) Bodli (iv) Dhinsa (v) Gungrali Sikhan (vi) Hèdon (vii) Kotla Shamspur (viii) Malmajra (ix) Manki Bhojpur (x) Muskabad (xi) Nagra (xii) Otala (xiii) Rajewal (xiv) Sarwarpur (xv) Shamspur
22 Samrāla City	
III, Jagraon Head Post Office	
	(i) Akhara (ii) Bodalwala (iii) Chachrori (iv) Chimna (v) Dholan (vi) Hans (vii) Sujapur (viii) Shahid Rachhpal Singh Nagar

Sub-Post Offices	Branch Post Offices
1 Ayali Kalan	(i) Ayali Khurd (ii) Barawal (iii) Malakpur (iv) Sunet
2 Bassian	(i) Binjal (ii) Jhorran (iii) Nathowal (iv) Phérurain
3 Badowal	(i) Pamal (ii) Pamali (iii) Threèkay
4 Dakha	(i) Bassian (ii) Bhanohar (iii) Chak Kalan (iv) Dewatwal (v) Gahor (vi) Hassanpur (vii) Hambran (viii) Issèwal (ix) Porain
5 Galib Kalan	(i) Fatèhgarh Siwian (ii) Nanaksar (iii) Shèrpur Kalan (iv) Shèikh Daulat
6 Hathur	
7 Halwara	(i) Aitiana (ii) Brahmi (iii) Burj Hakima (iv) Hiran Hans (v) Littèr (vi) Nurpur (vii) Rajoana Kalan
8 Halwara A.D.	
9 Jagraon City	
10 Jagraon Tahsil	
11 Khalsa Collège, Gurusar Sudhar	(i) Akalgarh (ii) Boparai Kalan (iii) Ghuman (iv) Hissowal (v) Raqba (vi) Sudhar
12 Kamalpur	(i) Chèema (ii) Chhajèwal (iii) Roomi

Sub-Post Offices	Branch Post Offices
13 Lalton Kalan	(i) Dad (ii) Dolon Khurd (iii) Lalton Khurd
14 Mallah	(i) Chakar (ii) Dalla (iii) Dongian (iv) Kaunkè Kalan (v) Rasulpur
15 Manoke	(i) Dhamipur (ii) Dabèraka (iii) Lamma
16 Man	(i) Gurè (ii) Jassowal Kalan (iii) Kular (iv) Mèèrpur Hans (v) Pabbian (vi) Mor Karima (vii) Shèikhpura (viii) Sohian (ix) Tuggal
17 Mohiè	(i) Khandoor
18 Mullanpur Mandi	(i) Dhat (ii) Jangpur (iii) Mullanpur (iv) Mundiani (v) Pandori (vi) Rurka
19 Pakhowal	(i) Andlu (ii) Bhaini Darèra (iii) Lèèl (iv) Nangal Kalan (v) Rajgarh (vi) Nangal Khurd
20 Railway Road Jagraon	
21 Raikot	(i) Bhaini Baringan (ii) Burj Hari Singh (iii) Tajpur (iv) Talwandi Rai
22 Sawaddi	(i) Bharowal (ii) Bhundri (iii) Khanjarwal (iv) Majra (v) Talwandi Kalan (vi) Talwandi Khurd

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Sub-Post Offices	Branch Post Offices
23 Sarabha	(i) Abhuwal (ii) Rattowal (iii) Sahauli (iv) Toosèy
24 Shwan Bèt	(i) Bansipura (ii) Giddar Windi (iii) Jandi (iv) Janètpura (v) Lèllan (vi) Lodi Wala (vii) Malsian Bajra (viii) Madarpurag (ix) Ramgarh Bhular (x) Raowal (xi) Saradarpura (xii) Sodiwala (xiii) Sinara
25 Sidhwan Khurd	(i) Barsal (ii) Birk (iii) Bazrug (iv) Sangatpura (v) Sidhwan Kalan
Total Head post offices	.. 3
Total Sub-post offices	.. 110
Total Branch post offices	.. 286

(Source : Senior Superintendent of Post Offices, Ludhiana City Division, Ludhiana
and Superintendent of Post Offices, Ludhiana Muffasil Division, Ludhiana)

APPENDIX VI

(Vide page 60)

Combined Post and Telegraph Offices in the Ludhiana District as on 31 March 1983

(a) Key Fitted Post Offices (morse)

- 1 Ludhiana H.O
- 2 Ludhiana City post office
- 3 Ludhiana Kutechery
- 4 Punjab Agricultural University Ludhiana
- 5 Model Town, Ludhiana
- 6 Baddowal
- 7 Doraha
- 8 Gujjarwal
- 9 Halwara
- 10 Halwara Aerodrome
- 11 Jagraon H.O.
- 12 Khalsa College, Guru Sar Sudhar
- 13 Khanna H.O
- 14 Qila Raipur
- 15 Machhiwara
- 16 Mullanpur Mandi
- 17 Rai Kot
- 18 Rampur
- 19 Samrala
- 20 Sahnewal
- 21 Pakhowal

(b) Phonocum Post Offices

- 1 Bagh Khazanchian, Ludhiana
- 2 Bani Ram Street, Ludhiana
- 3 Ludhiana Central, Ludhiana
- 4 Christian Medical College, Ludhiana
- 5 Civil Lines, Ludhiana
- 6 G.K. Works, Ludhiana
- 7 Gurdev Nagar, Ludhiana
- 8 Iqbal Ganj, Ludhiana
- 9 Jail Road, Ludhiana
- 10 Lajpat Rai Market, Ludhiana

- 11 New Model Town, Ludhiana
- 12 Neta Ji Nagar, Ludhiana
- 13 Post and Telegraph Colony, Ludhiana
- 14 Samrala Road, Ludhiana
- 15 Bus Stand, Ludhiana
- 16 Labour Colony, Ludhiana.
- 17 Industrial Estate, Ludhiana
- 18 Millar Ganj, Ludhiana
- 19 G.T. Road, Ludhiana
- 20 Industrial Colony, Ludhiana
- 21 Jamalpur Awana, Ludhiana
- 22 Basti Jodhewal, Ludhiana
- 23 Madhopuri, Ludhiana.
- 24 Brahampuri, Ludhiana.
- 25 Guru Nanak Engineering College, Ludhiana
- 26 A.S. College, Khanna
- 27 Bassian
- 28 Dakha
- 29 Dehlon
- 30 Ghungrana
- 31 Gill
- 32 Isru
- 33 Jagraon City
- 34 Katani Kalan
- 35 Khamano Kalan
- 36 Kohara
- 37 Lalton Kalan
- 38 Malaud
- 39 Mohie
- 40 Payal
- 41 Sidhwan Bet
- 42 Sidhwan Khurd

APPENDIX VII

Telephones Exchanges and Trunk and Long Distance Public Call Offices in the Ludhiana District

APPENDIX

Telephone Exchanges and Trunk and Long Distance Public Call Offices in the

Télégraphes Division/ District	Télégraph/ téléphone Subdivision	Name of exchange	Year of opening	No. of connections	
				Main	Extension
1	2	3	4	5	6
Ludhiana Télégraph District	Ludhiana	(i) Ludhiana	1914	18,258	1,606
		(ii) Ludhiana- (Teléx Exchange)	1971	159	—
Jalandhar Division	Khanna	Khanna	1954	1,215	28
Do	Do	Jagraon	1937 (1936)	675	25
Do	Do	Samraia	1964	202	4
Do	Do	Doraha	1954	179	1
Do	Do	Sahnéwal	1964	188	—
Do	Do	Mullanpur	1964	223	2
Do	Do	Raikot	1967	118	—
Do	Do	Machhiwara	1964	118	—
Do	Do	Gurusar Sudhar	1976	38	—
Do	Do	Qila Raipur	—	24	—
Do	Do	Malaud	1977	34	2
Do	Do	Payal	—	36	—
Do	Do	Ieru	1979	18	—
Do	Do	Sidhwan Bét	1979	17	—
Do	Do	Katani Kalan	—	24	—
Do	Do	Kaunké Kalan	1982	23	—
Do	Do	Birk	1982	15	—
Do	Do	Hathur	1983	26	—
Do	Do	Maunké	1983	14	—

(Source : Commercial Officer, Téléphonés, Ludhiana Téléphoné District, Ludhiana and

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Ludhiana District as on 31 March 1983

Long Distance /Public call offices		
Name of place	Year of opening	Parent exchange
7	8	9
Lalton Kalan	—	Ludhiana
1 Head Post Office, Khanna	1951	Khanna
2 A.S. Collège, Khanna	1965	Khanna
Rampur	—	Doraha
1 Sahnéwal	1964	Sahnéwal
2 Kohara	1971	Sahnéwal
Bassian	1967	Raikot

(S.D.O. Téléphonés, Khanna)

ECONOMIC TRENDS

The total number of workers in the Ludhiana District as per 1981 Census was 5,52,765, of which 5,31,674 were males and 21,091 were females. About 30.39 per cent of the total population was returned as workers. The percentage of workers to total populations increased from 29.6 in 1971 to 30.39 in 1981.

Classification of Population According to Livelihood Classes

On the basis of economic activity pursued, the workers are classified into the following categories :—

Classification of workers in the Ludhiana District according to the 1981 Census

	Cultivators I			Agricultural Labourers II		
	Persons	Male	Females	Persons	Male	Females
Total	1,45,210	1,44,650	560	97,145	93,756	3,389
Rural	1,38,072	1,37,580	492	87,852	84,739	3,113
Urban	7,138	7,070	68	9,293	9,017	276

	House-hold Industry (Manufacturing, Process- ing Servicing and Repairs) V(a)			Other workers (III, V (b), VI to IX)			Total Main workers (I to IX)		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
Total	20,509	19,214	1,295	2,89,901	2,74,054	15,847	5,52,765	5,31,674	21,091
Rural	8,616	8,105	511	77,968	73,412	4,556	3,12,508	3,03,836	8,672
Urban	11,893	11,109	784	2,11,933	2,00,642	11,291	2,40,257	2,27,838	12,419

(Census of India, 1981 Series-17.

Part II, General Population Tables, pp. 207-209)

Statement of Retail Prices

Average retail prices of main agricultural commodities in the Ludhiana District, during 1978 to 1982, are shown in the following table :—

(In rupees per kg)

Serial No.	Name of agricultural commodities	1978*	1979	1980**	1981	1982***
1	Wheat	1.33	1.31	1.50	1.66	1.69
2	Rice	1.76	1.66	1.63	1.72	2.85
3	Moong	4.04	4.86	4.79	5.35	4.96
4	Mash	3.91	4.35	3.96	4.28	4.96
5	Gram	..	2.72	3.41	4.65	4.02
6	Massar	4.25	3.57	3.81	5.29	4.99
7	Potatoes	1.08	0.59	1.36	1.07	1.13
8	Onion	1.03	1.53	1.19	1.48	1.62

(Statistical Abstracts of Punjab 1978 to 1982)

*Average upto August

**Average upto October

***Average upto October 1982

Average Daily Wages, Agricultural and Skilled Labourers

The wages paid to agricultural and skilled workers (men) in a selected village, viz. Pakhowal in the Ludhiana District, during 1974 to 1983, are given in the following statement:—

Wages paid to Agricultural and Skilled Labourers (Men) in Ludhiana District during 1974 to 1983

(in rupees)

Year ending on 30 June	Agricultural Labour					Skilled Labour			
	For plough- ing	For Sowing	For weeding	For Harvest- ing	For* picking of cotton	For other agricul- tures Operat- ions	Black- smith	Car- penter	
1974	8.60	8.85	8.08	11.17	4.38	9.41	15.00	15.00	
1975	9.50	9.56	9.40	12.67	4.00	9.55	16.29	16.29	
1976	9.91	9.88	9.83	18.00	4.50	10.83	18.08	18.08	
1977	10.17	10.50	10.00	10.00	5.00	10.17	21.08	21.08	
1978	10.00	10.27	10.00	10.00	4.00	10.25	23.00	23.00	
1979	10.42	10.45	10.00	13.33	4.50	10.45	23.00	23.00	
1980	10.16	10.22	10.29	13.33	..	10.33	23.21	23.20	
1981	11.33	11.33	11.33	13.00	..	11.33	26.50	26.50	
1982	12.56	12.60	13.00	13.67	6.67	12.75	28.00	28.00	
1983	12.92	12.69	12.78	14.75	8.90	12.96	36.00	36.00	

*For Female Worker

(Statistical Abstracts of Punjab 1974 to 1983)

Average Monthly Expenditure on the Necessities of life for Families in Different Expenditure Groups

The Economic and Statistical Organization, Punjab, conducted a survey regarding the family budgets of forty four cultivators in the State during the year 1981-82.¹ Family Budgets inquiry analyses the domestic budgets under various heads of expenditure other than farming. Four families of villages, viz. Mandhiani, Pakhowal, Chak Sarai and Baghore in the Ludhiana District were included in the survey.

¹Family Budgets of Forty Four Cultivators in the Punjab for the Year 1981-82 (Publication No. 412, issued by the Economic Adviser to Government, Punjab, Chandigarh, in 1982)

The findings of the survey pertaining to the income and expenditure are shown in the following table :—

Name of the family/ village		Net income/ from all sources (Rs)	Net expenditure (Rs)	Surplus/ Deficit (Rs)
Mandhiani	..	22,067.50	25,366.13	—3,298.63
Pakhowal	..	57,113.86	23,281.59	+33,832.27
Chak Sarai	..	27,025.95	17,816.73	+9,209.22
Baghore	..	47,187.86	26,779.58	+20,408.28

The above figures show that the families of Pakhowal, Chak Sarai and Baghore villages had surplus budget, while the family of Mandhiani village had deficit budget. The survey also showed that on an average, a peasant proprietor's family in the Punjab spent 60 per cent of its income on food, 12 per cent on clothing, 13 per cent on housing, 6 per cent on fuel, 2 per cent on travelling, 1 per cent on education, 2 per cent on medicine, 1 per cent on amusements and luxuries and 3 per cent on other items.

The goods consumed by the families in these villages were as under :

Name of the family/ village	Total expenditure (Rs)	Supplied by the farm (Rs)	Per- centage	Purchased from outside (Rs)	Per cent- age
Mandhiani	23,281.59	12,558.57	54	10,723.02	46
Pakhowal	25,366.13	15,019.88	59	10,356.25	41
Chak Sarai	17,816.73	8,875.33	50	8,941.40	50
Baghore	26,779.58	17,178.88	64	9,600.70	36

During 1981-82, Ludhiana District had the highest per capital income amongst all the districts of the State, i.e. Rs 3,721, as compared to Rs 3,164 for the Punjab State as a whole. It is an indicator of the standard of living of the people residing in the district.

Number of Registration and Placings in Employment Exchanges

As a result of the increase in the volume of work at the Sub-Regional Employment Exchange, Ludhiana, two Town Employment Exchanges one

each at Jagraon and Khanna were opened in June 1974 and January 1979, respectively. Besides, University Employment Information and Guidance Bureau, Punjab Agricultural University, Ludhiana, was set up in September 1969.

There is also a Special Employment Exchange (For Physically Handicapped), Punjab, functioning at Ludhiana, which was shifted from Chandigarh in April 1981. It is a State level office and has jurisdiction all over Punjab.

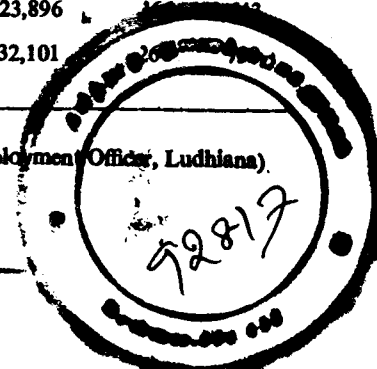
The work done by the Sub-Regional Employment Exchange, Ludhiana; Town Employment Exchange, Jagraon; Town Employment Exchange, Khanna; U.E.I.G.B., P.A.U., Ludhiana; and Vocational Guidance Unit in the Sub-Regional Employment Exchange, Ludhiana are given in the following statements:—

Working of Sub Regional Employment Exchange, Ludhiana during 1977-78 to 1982-83

Year	No. of registra- tion during the year	No. of vacancies notified	No. of applicants placed in employ- ment during the year	Applicants on live register at the end of the year	Monthly No. of employees using the exchange	No. of vacancies being carried over at the end of the year	
1	2	3	4	5	6	7	
1977-78	..	15,926	2,042	1,326	23,920	413	1,382
1978-79	..	14,540	1,946	1,208	22,816	446	1,205
1979-80	..	13,896	2,076	1,287	22,422	469	1,479
1980-81	..	14,657	2,802	1,085	23,487	518	1,643
1981-82	..	13,435	2,415	780	23,896	512	1,612
1982-83	..	12,832	1,750	929	32,101	512	1,612

(Source : Sub-Regional Employment Officer, Ludhiana)

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Working of Town Employment Exchange, Jagraon, during 1976-77 to 1982-83

Year	No. of registration during the year	No. of vacancies notified	No. of applicants placed in employment during the year	Applicants on live register at the end of the year	Monthly No. of employees using the exchange	No. of vacancies being carried over at the end of the year
1	2	3	4	5	6	7
1976-77	3,011	278	168	4,373	18	302
1977-78	3,524	93	129	4,694	5	15
1978-79	3,752	164	114	5,340	4	19
1979-80	3,578	162	67	5,664	5	38
1980-81	3,257	115	75	6,049	10	21
1981-82	3,449	104	187	6,049	5	61
1982-83	2,903	223	267	7,219	4	138

(Source : Assistant Employment Officer, Jagraon)

Working of Town Employment Exchange, Khanna, during 1978-79 to 1982-83

Year	No. of registration during the year	No. of vacancies notified	No. of applicants placed in employment during the year	Applicants on live register at the end of the year	Monthly No. of employees using the exchange	No. of vacancies being carried over at the end of the year
1	2	3	4	5	6	7
1978-79	2,338	22	3	3,439	3	23
1979-80	4,438	149	189	2,529	6	18
1980-81	3,679	76	227	4,658	4	23
1981-82	2,878	151	142	5,372	3	51
1982-83	2,978	399	212	6,012	3	39

(Source : Assistant Employment Officer, Khanna)

Working of University Employment Information and Guidance Bureau, Punjab Agricultural University, Ludhiana, during 1971-72 to 1982-83

Year	No. of registration during the year	No. of vacancies notified	No. of applicants placed in employment during the year	Applicants on live register at the end of the year	Monthly No. of employees using the exchange	No. of vacancies being carried over at the end of the year
1	2	3	4	5	6	7
1971-72	552	207	27	827	14	159
1976-77	623	313	38	1,331	32	168
1977-78	756	363	54	1,373	54	173
1978-79	853	377	79	1,444	59	184
1979-80	867	392	77	1,504	62	197
1980-81	902	397	38	1,540	71	123
1981-82	508	614	101	1,467	33	42
1982-83	532	662	66	1,565	34	10

(Source : Sub-Regional Employment Officer, U.E.I.G.B., P.A.U., Ludhiana)

Working of Vocational Guidance Unit in the Sub-Regional Employment Exchange, Ludhiana, during 1978 to 1982

Sr. No.	Unit	1978	1979	1980	1981	1982
1	No. of individuals provided group guidance	1,454	1,624	1,794	1,024	836
2	No. of persons given individual guidance	264	240	190	192	92
3	No. of persons given individual information	730	614	565	739	767

(Source : Sub-Regional Employment Officer, Ludhiana)

Extent of Employment in various categories of trades

The volume of employment in various industries and occupations in public and private sectors in the Ludhiana District, is given in the following statement :—

Extent of Employment in various categories of Trade, during 1977 to 1982
PUBLIC SECTOR

Serial No.	Industrial Division	No. of establishments						No. of employees					
		Dec. 1977	Dec. 1978	Dec. 1979	Dec. 1980	Dec. 1981	Dec. 1982	Dec. 1977	Dec. 1978	Dec. 1979	Dec. 1980	Dec. 1981	Dec. 1982
1	Manufacturing	4	6	6	6	6	6	1,839	1,958	2,057	2,245	2,542	2,708
2	Trade and Commerce	111	111	110	131	6	6	2,445	2,989	3,078	3,435	280	240
3	Transport, storage and communications	18	19	20	20	20	21	3,932	4,451	4,705	4,614	4,415	5,240
4	Services	204	262	291	320	531	543	21,700	21,660	23,246	25,033	37,458	37,787
PRIVATE SECTOR													
Serial No.	Industrial Division	No. of establishments						No. of employees					
		Dec. 1977	Dec. 1978	Dec. 1979	Dec. 1980	Dec. 1981	Dec. 1982	Dec. 1977	Dec. 1978	Dec. 1979	Dec. 1980	Dec. 1981	Dec. 1982
1	Manufacturing	853	837	734	779	781	858	32,718	33,220	33,620	34,787	38,132	40,033
2	Trade and Commerce	26	50	50	37	32	44	1,200	1,174	1,172	893	528	657
3	Transport, storage and communications	11	11	11	13	10	10	562	563	399	436	299	288
4	Services	131	115	121	138	154	156	8,349	8,397	8,826	8,956	9,162	8,983

(Source : Sub-Regional Employment Officer, Ludhiana)

(Source : Sub-Regional Employment Officer, Ludhiana)

CHAPTER XI

REVENUE ADMINISTRATION

1 Statistics of Land Revenue Collections in the District

Land revenue collections include income from land revenue; income from additional land revenue; local rate collections; income from surcharge; income from special charge on land revenue; and collection from *abiana*, water advantage rate and betterment levy.

(i) Land Revenue

Land revenue is collected through Lambardars (village headman) who get 5 per cent of the land revenue as their remuneration. The following statement gives the details of income from land revenue and remissions in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83:—

Income from Land Revenue and Remissions in the Ludhiana District,

Year ending <i>rabi</i>	Previous Year's balance (Rs)	Demand (Rs)	Total amount for recovery (Rs)	Actual recoveries (Rs)	Remission (Rs)
1966-67	5,752	15,72,928	15,78,680	12,79,915	2,98,765
1971-72	—	14,37,681	14,37,681	8,51,214	5,86,467
1976-77	—	14,04,844	14,04,844	8,68,795	5,26,049
1977-78	—	13,96,042	13,96,042	8,83,453	5,12,589
1978-79	—	15,14,076	15,14,076	10,18,108	4,55,968
1979-80	—	13,75,087	13,75,087	9,22,764	4,52,323
1980-81	—	13,70,287	13,70,287	9,58,076	4,12,211
1981-82	—	13,66,799	13,66,799	8,67,753	9,99,046
1982-83	—	13,67,188	13,67,188	8,86,231	4,80,957

(Source : Deputy Commissioner, Ludhiana)

(ii) Additional Land Revenue

Additional land revenue has been imposed under the Punjab Land Revenue (Amendment) Act, 1974 w.e.f. *kharif* crop of the agricultural year 1974-75 and is payable by all land owners paying land revenue

exceeding Rs 20 per year. The income from additional land revenue in the district, during 1977-78 to 1982-83 is given hereunder:

Year	Income from additional land revenue (Rs)
1977-78	.. 3,43,950
1978-79	.. 3,30,209
1979-80	.. 3,11,621
1980-81	.. 3,07,719
1981-82	.. 3,04,720
1982-83	.. 2,90,123

(Source : Deputy Commissioner, Ludhiana)

(iii) Local Rate

The following table gives the amount of income from local rate, in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83:—

Year ending <i>rabi</i>	Local rate collections (Rs)
1966-67	.. 8,47,100
1971-72	.. 8,80,244
1976-77	.. 9,06,122
1977-78	.. 9,06,637
1978-79	.. 9,04,110
1979-80	.. 9,06,710
1980-81	.. 9,07,693
1981-82	.. 10,26,396
1982-83	.. 10,06,477

(Source: Deputy Commissioner, Ludhiana)

(iv) Surcharge on Land Revenue

The Punjab Land Revenue (Surcharge) Act, 1954, was enacted for the levy of surcharge with effect from the *rabi* harvest of the agricultural year 1953-54. But the surcharge on the land revenue under the Act has been abolished. The Act has been repealed with effect from *kharif* crop of agricultural year 1974-75. The following table gives the income from surcharge on land revenue in the Ludhiana District, during 1966-67, 1971-72 and 1976-77 to 1982-83 :—

Year ending <i>rabi</i>	Amount (Rs)
1966-67	.. 2,87,480
1971-72	.. 2,77,580
1976-77	.. 2,247
1977-78	.. 148
1978-79	.. 1,973
1979-80	.. 1,134
1980-81	.. 136
1981-82	.. 165
1982-83	.. 192

(Source : Deputy Commissioner, Ludhiana)

(v) Special Charge on Land Revenue

In order to raise income to meet expenditure on development works, the Punjab Land Revenue (Special Charges) Act, 1958, was enacted, under which a special charge was imposed in the state with effect from *rabi* 1958. This special charge on the land revenue has been abolished with effect from *kharif* crop of the agricultural year 1974-75.

The following table shows the income from special charge on land revenue in the district, during 1965-67, 1971-72 and 1976-77 to 1982-83 :—

Year ending <i>rabi</i>	Amount (Rs)
1966-67	78,288
1971-72	68,029
1976-77	983
1977-78	199
1978-79	800
1979-80	10
1980-81	—
1981-82	—
1982-83	13

(Source: Deputy Commissioner, Ludhiana)

(vi) *Abiana* and Water Advantage Rate

Besides land revenue, the lambardar collects *abiana* and water advantage rate, for which he is paid 3 per cent and 5 per cent, respectively, as collection charges. *Abiana* is charged on the area irrigated by canals. The details of income from *abiana* and water advantage rate in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83, is given below :

Year	<i>Abiana</i> (Rs)	Water advantage rate (Rs)
1966-67	9,15,962	1,04,397
1971-72	11,51,251	2,35,732
1976-77	20,35,399	2,37,087
1977-78	19,04,086	2,61,662
1978-79	20,94,883	2,61,243
1979-80	20,85,362	2,84,112
1980-81	22,36,962	2,86,191
1981-82	25,39,958	3,04,528
1982-83	25,99,729	3,06,778

(Source: Deputy Commissioner, Ludhiana)

Incidence of Land Revenue :

The table below gives the details of incidence of land revenue in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83:

Year	Incidence of Land Revenue per hectare on assessed area	
	For Cultivated Area	For Total Area
1966-67	5.80	4.85
1971-72	5.10	5.35
1976-77	5.35	5.35
1977-78	5.25	5.25
1978-79	5.25	5.25
1979-80	5.25	5.25
1980-81	4.02	4.02
1981-82	4.36	3.77
1982-83	4.35	3.77

(Source: Deputy Commissioner, Ludhiana)

2 Statistics of Total Income from Stamps Duty in the District

It is levied under the Indian Stamp Act, (No. II) of 1899. It was amended by the Indian Stamp (Punjab First Amendment) Act, 1929. The latest amendment in the Act was made,—*vide* Punjab Amendment Act No. 18 of 1974. Stamp revenue is derived from non-judicial stamps. The Act requires the Collector (Deputy Commissioner) to ensure that the documents are properly stamped according to the schedule. The income

from stamp duty in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83 is given here-under :

Year	Amount (Rs)
1966-67	2,26,308
1971-72	7,48,533
1976-77	6,58,608
1977-78	2,67,565
1978-79	3,23,140
1979-80	1,68,894
1980-81	4,97,080
1981-82	8,98,906
1982-83	20,99,986

(Source : Treasury Officer, Ludhiana)

3 Statistics of Sales Tax Collections

It is levied under the Punjab General Sales Tax Act, 1948 which repealed the Punjab General Sales Tax Act, 1941. Besides, the Central Sales Tax is levied under the Central Sales Tax Act, 1956, which provides for the levy of tax on sales effected in the course of inter-state trade and commerce. The States have been authorised to administer this tax on behalf of the Government of India and the entire collections are appropriated by them. The following statement gives the details of income from sales tax (both State and Central) in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83:—

Income from Sales Tax in the Ludhiana District

Year	Punjab General Sales Tax (Rs)	Central Sales Tax (Rs)
1966-67	1,66,19,852	1,04,51,085
1971-72	5,19,88,349	1,82,88,428
1976-77	10,58,44,026	5,31,94,696
1977-78	11,78,57,757	5,14,25,558
1978-79	12,74,20,433	6,25,74,684
1979-80	13,52,70,175	6,86,38,776
1980-81	16,84,62,244	8,57,87,754
1981-82	21,09,45,697	10,97,77,421
1982-83	27,24,06,596	12,26,51,618

(Source : Assistant Excise and Taxation Commissioner, Ludhiana)

4 Statistics of Excise in the District

Beside land revenue collections, income from stamps duty, sales tax collections, the other sources of revenue State and Central are: Excise Revenue-income under Excise Act, 1914 ; income under Opium Act, 1878 ; income under Central Excise and Salt Act, 1944 ; and income under Punjab Electricity (Duty) Act, 1958. The table below gives the details of income from excise in the district, from 1966-67, 1971-72 and 1976-77 to 1982-83 :—

Year	Income under Excise Act (Rs)	Income under Opium Act (Rs)	Total (Rs)
1966-67	1,52,13,825	—	1,52,13,825
1971-72	4,33,15,577	1,470	4,33,17,317
1976-77	8,58,35,070	5,820	8,58,40,890
1977-78	10,91,28,016	6,420	10,91,34,436
1978-79	11,63,77,794	11,720	11,63,89,514
1979-80	15,39,50,251	15,655	15,39,65,906
1980-81	16,61,94,091	13,145	16,62,07,236
1981-82	20,79,04,905	24,748	20,79,29,643
1982-83	24,86,32,289	19,190	24,86,52,189

(Source : Assistant Excise and Taxation Commissioner, Ludhiana)

The income realised from Central Excise Duties, during 1976-77 to 1982-83 is given hereunder :

Year	Amount (Rs)	Customs (Rs)
1976-77	16,38,86,465	—
1977-78	10,63,80,107	7,33,46,728
1978-79	7,74,78,482	28,62,46,875
1979-80	10,61,16,909	28,48,01,721
1980-81	12,28,64,366	18,47,12,078
1981-82	14,37,68,000	1,92,750
1982-83	17,45,40,000	88,758

(Source : Assistant Collector, Central Excise and Customs Division, Ludhiana)

The income realised from Electricity Duty in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83, was as under :

Year	Amount (Rs)
1966-67	54,99,046
1971-72	64,92,110
1976-77	1,65,97,191
1977-78	1,83,90,097
1978-79	2,34,13,537
1979-80	2,47,11,529
1980-81	3,47,63,115
1981-82	3,46,80,064
1982-83	3,09,53,919

(Source : Chief Electrical Inspector to Government, Punjab, Patiala)

5 Statistics of Registration

The Indian Registration Act, 1980, requires compulsory registration of all documents pertaining to immovable property and provides optional registration in case of other documents. As a rule, fees are levied for the registration of all documents but the State Government have, however, exempted completely or partially levy of registration fee in certain cases. The following statement gives the particulars of registration in the district, during 1966-67, 1971-72 and 1976-77 to 1981-82 :—

Particulars of Registration in the Ludhiana District

Year	No. of Registration Offices	No. of Registrations		Aggregate value of property transferred (000 Rs)		Total re- ceipts (000 Rs)
		Immovable property	Movable property	Immovable property	Movable property	
1966-67*	6	10,309	878	50,301	1,187	697
1971-72	8	26,884	1,149	1,92,714	8	2,557
1976-77	8	23,821	1,253	1,99,650	—	2,365
1977-78	8	26,277	—	2,25,285	—	2,940
1978-79	8	28,159	1,891	23,444	2	3,788
1979-80	9	30,848	2,009	2,80,223	—	3,687
1980-81	9	36,090	—	4,74,300	22	3,867
1981-82	8	40,896	4,085	6,24,129	—	5,049

(Note. Statistical Abstracts of Punjab, 1967, 1972, 1978, to 1983)

*Figures for the year 1966-67 are from 1 April 1966 to 31 October 1966

6 Statistics of Income Tax Collection

Besides the income realised from Central Excise Duties, the main central source of revenue in the Ludhiana District are : Income Tax, Wealth Tax, Gift Tax and Estate Duty. The statistics regarding the income realised from these sources, in the Ludhiana District, during 1977-78 to 1982-83 are given in the following statement :—

Income Realised from Central Sources of Revenue in the Ludhiana District during 1977-78 to 1982-83

(Thousand rupees)

Tax	Collections					
	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
1. Income Tax	1,26,684	40,868	1,65,471	2,05,731	2,17,573	2,00,331
2. Wealth Tax	3,820	526	4,791	4,748	6,069	6,716
3. Gift Tax	329	19	576	325	367	393
4. Estate Duty	1,094	—	1,496	1,376	1,978	1,983

(Source : Designated Officer, Local Treasury Unit, Ludhiana)

7 Statistics of Entertainment, Motor Vehicle and other Local Taxes :

Entertainments Tax.—It is levied under the Punjab Entertainments Tax (Cinematograph Shows) Act, 1954, for every show on the number of occupied seats of a cinema. The tax in no case exceeds the maximum limit per show laid down from time to time under the Act. The maximum limit has been fixed Rs 150 per show,—vide Punjab Ordinance No. 4 of 1978.

Passengers and Goods Tax.—It is levied under the Punjab Passengers and Goods Tax Act, 1952, on all fares and freights in respect of passengers carried and Goods transported in motor vehicles in the Punjab. The rate of tax has been enhanced from time to time. In 1975, the rate of tax was 35 per cent of the fare/freight. Now, the annual rate of tax per truck is Rs 1,100 in the plains as well as in the hilly areas of the Punjab. From taxies and scooter-rickshaws, Rs 408 and 272 per annum are charged respectively, as passenger tax.

The following statement gives the details of Entertainments Tax, Passengers and Goods Tax and other local taxes in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83:—

Taxation Revenue (headwise) in the Ludhiana District, during 1966-67, 1971-72 and 1976-77 to 1982-83

Year	Motor Spirits Tax (Rs)	Property Tax (Rs)	Passengers Tax (Rs)	Goods Tax (Rs)	Entertainments Tax (Rs)	Show Tax (Rs)	Professional Tax (Rs)	
1966-67	..	10,95,785	17,79,682	35,20,696	—	22,94,210	95,286	7,82,890
1971-72	..	36,26,463	9,85,965	85,77,657	9,77,590	51,61,334	3,67,870	1,188
1976-77	..	—	—	1,62,19,671	19,39,101	1,28,15,114	7,24,152	—
1977-78	..	—	—	1,83,00,041	21,35,151	1,32,49,154	7,43,047	—
1978-79	..	—	—	2,03,38,255	23,24,185	1,56,98,649	10,89,499	—
1979-80	..	—	—	2,25,03,695	27,09,145	1,74,96,098	12,24,167	—
1980-81	..	—	—	2,65,97,339	31,66,880	2,01,24,149	12,66,464	—
1981-82	..	—	—	3,16,47,073	Goods Tax shown in passenger tax	2,23,46,900	14,02,899	—
1982-83	..	—	—	3,10,32,404	48,33,567	2,52,53,826	15,31,002	—

(Source : Assistant Excise and Taxation Commissioner, Ludhiana)

8 Statistics of Distribution of Land to the Landless Farmers

With a view to reducing inequalities in distribution of land, the Punjab Land Reforms Act, 1972, was passed. In order to carry out the objectives of the Act, the Punjab Land Reforms Rules, 1973, were framed. The Punjab Utilization of Surplus Areas Scheme, 1973, was also framed under the provisions of the Act for utilizing the surplus area. Surplus land available under the old Punjab and Pepsu laws for allotment is being distributed to landless agricultural workers, members of the Scheduled Castes and Backward Classes and tenants who own no land or own an area less than two hectares of the first quality land. The following statement gives the details of distribution of land among various classes of cultivators/landholders in the Ludhiana District, during 1966, 1971 and 1976 to 1982-83:—

Distribution of land among various classes of Cultivators/Land holders in the Ludhiana District during 1966, 1971 and 1976 to 1982-83
(Area in thousand hectares)

Class of Cultivators/ Landholders	year									
	1966	1971	1976	1977	1978	1979	1980	1981-82	1982-83	
Tenants-at-Will ..	32	44	26	25	32	25	62	57	14	
Owners ..	280	269	294	296	291	298	266	271	314	
Tenants with rights of occupancy	—	—	—	—	—	—	—	—	—	
Total cultivated Area :	312	333	320	321	323	323	328	328	328	

(Source : Deputy Commissioner, Ludhiana)

CHAPTER XII

LAW AND ORDER AND JUSTICE

1 Statistics of Police Stations and Outposts

The various police stations and police posts in each tahsil/subdivision in the Ludhiana District as on 31 March 1983 are given below :

Tahsil/Subdivision	Police Stations	Police Posts
Ludhiana City ..	Division No. 1 Division No. 2 Division No. 3 Division No. 4 Division No. 5 Division No. 6 Sarabha Nagar Focal Point	Doraha Walipur Kummkalan Malaudh
Ludhiana ..	Sadar Ludhiana Sahnewal Dehlon Dakha	
Samrala ..	Machhiwara Samrala Khamanon	
Khanna ..	Sadar Khanna City Khanna Payal	
Jagraon ..	Jagraon Sidhwan Bet Sudhar Raikot	

(Source : Senior Superintendent of Police, Ludhiana)

2 Total Strength of Police Officers and Men

The total strength of police in the district, as on 31 March 1983 was as follows :—

Police Strength in the Ludhiana District as on 31 March 1983

	Senior Superintendents of Police	Superintendents of Police	Deputy Superintendents of Police	Assistant Superintendents of Police	Inspectors	Sub-Inspectors	Assistant Sub-Inspectors	Head Constables	Constables
Civil Police									
Permanent	1	—	6	—	8	40	136	235	1,886
Temporary	—	2	1	1	8	7	18	275	271
Armed Reserves									
(1st, 2nd and 3rd Armed Reserves)	—	—	—	—	—	—	1	3	24
Permanent	—	—	—	—	—	—	1	3	24
Temporary	—	—	—	—	—	—	1	3	15
Prosecution Staff									
Permanent	—	—	—	—	—	—	—	5	49
Temporary	—	—	—	—	—	—	—	—	..
Total	1	2	7	1	16	47	157	524	2,269

(Source : Senior Superintendent of Police, Ludhiana)

The strength of railway police (category-wise) and name of the outposts in the district, as on 31 March 1983 was as follows :—

Name of the Out-post	Sub-Inspectors	Assistant Sub-Inspectors	Head Constables	Constables
Police Station, G.R.P., Ludhiana ..	1	3	9	36
Out-post, G.R.P., Khanna ..	—	—	1	3
Out-post G.R.P., Jagraon ..	—	—	1	2

(Source : Senior Superintendent of Police, Ludhiana)

3. Statistics of Jails

The strength of staff in the Central Jail, Ludhiana, as on 31 March 1983, consisted of one Superintendent, one Deputy Superintendent, Grade-I (Maintenance), one Deputy Superintendent, Grade-II (Factory), Four Assistant Superintendents, two Welfare Officers, one Lady Assistant Superintendent, one Lady Welfare Officer, one Medical Officer, one Pharmacist, one Superintendent, Grade-IV, two Senior Clerks, one Steno-typist, two Clerks, one Store-keeper (Male), one Teacher (Male), one Lady Teacher, one Accountant, three Clerks, one Store-keeper (Factory), one Weaving Master, one Carpenter Master, one Embroidery Instructor, five Head Warders, 50 Warders, 11 Sweepers, four Matrons, one Cartman, one Garden Collie, one Lady Attendant and one Peon.

The total admissions during the year, average daily population and maximum population on any one day during the year of the Central Jail, Ludhiana, during the period 1966, 1971 and 1976 to 1982 are shown in the following table:—

Total admissions during the year, average daily population and maximum population on any one day during the year of the Central Jail, Ludhiana, during 1966, 1971 and 1976 to 1982

	1966	1971	1976	1977	1978	1979	1980	1981	1982
Total admissions during the year	1,660	2,168	2,212	1,678	1,625	1,773	1,584	1,487	1,225
Male	..	..	..	..	..	..	..	..	..
Female	197	81	104	78	148	123	79	49	108
Average daily population	..	356.12	319.71	286.16	338.32	302.72	358.47	295.16	282.43
convicts	..	29.16	34.07	28.79	29.11	29.50	21.54	14.97	25.00
Under trials	..	199.86	329.12	255.08	263.10	305.11	351.56	350.08	436.30
Civil	..	3.02	6.55	1.75	3.74	8.64	4.17	2.55	35.00
Defence	..	0.40	6.70	1.32	..	3.43	1.66	3.89	2.00
Detenues	..	..	..	..	..	..	..	..	..
Maximum population on any one day during the year	..	2.67	8.05	2.49	3.43	..	..	1.42	0.01
Total admissions during the year	1,857	2,249	2,316	1,756	1,773	1,896	1,663	1,536	1,333

(Source : Superintendent, Central Jail, Ludhiana)
Number of convicted prisoners released on different grounds during 1966, 1971 and 1976 to 1982

	1966	1971	1976	1977	1978	1979	1980	1981	1982
On appeal	261	42	12	17	..	13	76	29	22
On expiry of sentence	483	690	937	662	331	1,040	657	243	246
Under remission system	..	181	274	157	630	110	8	115	98
By order of Government on medical grounds	1	8	5	3	7	2	1	..	..
By order of Government on other grounds	778	937	695	642	445	398	739	12	11

(Source : Superintendent, Central Jail, Ludhiana)

4. Statistics of Incidence of Crime

The important categories of crime are : murder, dacoity, burglary, theft, robbery, kidnapping, rioting, culpable homicide, counterfeits coining etc. An idea regarding the trend of these various crimes, etc., in the district during 1966, 1971 and 1976 to 1983 may be had from the following table :—

LUDHIANA

Incidence of Crimes in the Ludhiana District, during 1966, 1971 and 1976 to 1983

Year	(Number)										
	Murder	Dacoity	Burglary	Theft	Robbery	Kidnap- ping	Riots	Culpable Homicide	Counter- feits coining	Miscella- neous	Total Cogniza- ble crimes
1966	53	—	249	569	6	46	2	15	4	936	1,900
1971	57	1	152	351	2	33	6	8	—	666	1,286
1976	55	1	281	699	7	63	3	18	—	1,098	2,225
1977	75	2	285	539	14	46	8	10	1	1,040	2,020
1978	58	—	200	445	4	64	5	14	2	1,073	1,865
1979	71	—	140	382	2	61	1	17	—	1,062	1,736
1980	78	1	154	352	2	42	5	7	3	919	1,563
1981	63	—	166	375	6	54	3	20	—	1,089	1,776
1982	69	—	166	297	4	50	1	28	1	882	1,498
1983	54	..	96	256	11	37	—	22	4	1,197	1,677

(Statistical Abstracts of Punjab, 1967, 1972, 1977 to 1982 and Senior Superintendent of Police, Ludhiana)

LAW AND ORDER AND JUSTICE

The following table gives the incidence of crimes of all kinds brought to trial during 1971 and 1976 to 1983 :—

Year	Reported cases	True cases
1971	7,055	5,275
1976	5,413	4,415
1977	5,547	3,432
1978	5,539	3,469
1979	7,781	4,539
1980	5,675	5,780
1981	5,780	5,741
1982	5,894	4,286
1983	6,431	6,631

(Source : Senior Superintendent of Police, Ludhiana)

Incidence of Motor Vehicle Accidents.—The number of prosecutions launched in the district under the Indian Motor Vehicles Act, 1939, during 1966, 1971 and 1976 to 1983, are given in the following table :—

Year	Prosecutions launched
1966	5,779
1971	7,964
1976	6,182
1977	1,802
1978	1,977
1979	18,171
1980	13,666
1981	5,317
1982	6,129
1983	5,891

(Source : Senior Superintendent of Police, Ludhiana)

Offences under Local and Special Laws.—The crimes under this head comprise cases of public nuisance and those of under the Indian Arms Act, 1878/1959; the Punjab Excise Act, 1914; the Opium Act, 1878; the Public Gambling Act, 1867; the Essential Commodities Act, 1955; the Indian Railways Act, 1890; the Prevention of Corruption Act, 1947; and the Defence of Indian Rules, 1942. The cases reported under these various laws are given in the following table:—

Year	Police Act of 1888 (cases of Public nuisance)	Arms Act, 1878/1959	Excise Act, 1914	Opium Act, 1878	Public Gambling Act, 1867	Essential Commodities Act, 1955	Indian Railways Act, 1890	Prevention of Corruption Act, 1947	Defence of India Rules, 1942
1966	..	3,704	78	1,385	776	209	19	20	2
1971	..	1,582	401	2,304	1,541	524	4	40	17
1976	..	1,501	793	2,234	1,407	575	27	37	12
1977	..	1,523	565	1,655	1,061	574	6	43	10
1978	..	1,621	564	1,658	1,120	585	4	64	9
1979	..	310	651	1,854	1,140	626	49	118	13
1980	..	312	745	1,880	1,204	670	109	122	3
1981	..	310	756	1,843	1,203	666	44	125	14
1982	..	324	840	1,948	1,350	711	15	105	13
1983	..	448	907	2,117	1,457	625	16	112	14

(Source : Senior Superintendent of Police, Ludhiana)

Road Traffic.—Besides the Indian Motor Vehicle Act, 1939, the Indian Panel Code ; the Punjab Municipal Act, 1914 and the Municipal Bye-laws; the Stage Carriage Act, 1861 ; the Police Act, 1888, the Prevention of Cruelty to Animals Act, 1890 ; the Punjab Motor Vehicles Taxation Act, 1925 ; and the Hackney Carriage Act, 1879, regulate the road traffic. The prosecutions launched in the district under the various Acts, during 1966, 1971 and 1976 to 1983, are given in the following table :—

Prosecutions launched under the various Acts, during 1966, 1971 and 1976 to 1983

Name of the Act	Year									
	1966	1971	1976	1977	1978	1979	1980	1981	1982	1983
Indian Penal Code ..	750	736	963	1,137	1,207	1,257	888	945	1,142	1,342
Municipal Act and Municipal Bye-Laws ..	485	—	—	—	—	—	—	—	—	—
Stage-Carriages Act ..	370	—	—	—	—	—	—	—	—	—
Police Act ..	6,911	1,582	1,501	1,523	1,621	310	312	310	324	448
Prevention of Cruelty to Animals Act ..	—	—	—	—	—	—	—	—	—	—
Punjab Motor-Vehicles Taxation Act ..	—	—	—	—	—	—	—	—	—	—
Hackney Carriages Act ..	285	—	—	—	—	—	—	—	—	—

(Source : Senior Superintendent of Police, Ludhiana)

5 STATISTICS OF CIVIL AND CRIMINAL COURT'S CASES

Civil Courts.—The following statement shows the number and nature of cases tried by the civil courts in the district during 1980 to 1982 :—

LUDHIANA

Number and nature of Cases tried by the Civil courts, during 1980 to 1982

Nature of the cases	1980					1981					1982				
	Previous Balance	Insti- tuted during the year	Dis- posal during the year	Pend- ing during the year	Previous Balance	Insti- tuted during the year	Dis- posal during the year	Pend- ing during the year	Previous Balance	Insti- tuted during the year	Dis- posal during the year	Pend- ing during the year	Previous Balance	Insti- tuted during the year	Dis- posal during the year
Civil Appeals	..	2	6	5	3	3	3	3	—	3	—	3	—	3	3
Civil Suits	..	3,961	4,532	4,367	4,126	4,126	5,382	5,244	4,264	4,264	5,873	5,459	4,264	5,873	5,459
Small cause cases	..	254	147	198	203	203	153	220	136	136	148	123	136	148	123
Insolvency and Guardianship Act cases	..	53	116	58	111	111	135	134	112	112	122	134	112	122	134
Execution cases	..	1,153	1,493	1,441	1,205	1,205	1,428	1,438	1,195	1,195	1,497	1,449	1,195	1,497	1,449
Rent cases	..	844	1,084	1,065	863	863	1,246	1,174	935	935	1,227	1,148	935	1,227	1,148
H.M.A. cases	..	97	183	160	120	120	223	211	132	132	201	179	132	201	179
Succession cases	..	181	253	267	167	167	280	258	189	189	261	266	189	261	266
Payment of Wages Act	..	34	27	33	28	28	31	31	28	28	28	35	28	28	35
Workmen Compensation Act	..	43	40	37	46	46	75	58	63	63	71	61	63	71	61
E.S.I. cases	..	85	39	54	70	70	27	46	51	51	2	28	51	2	28
Arbitration cases	..	—	—	—	—	—	31	10	21	21	11	26	21	11	26
Miscellaneous cases	..	266	529	488	307	307	731	587	451	451	531	524	451	531	524
Total	..	6,973	8,449	8,173	7,249	7,249	9,742	9,414	7,577	7,577	9,975	9,432	7,577	9,975	9,432

[Source : Deputy Registrar (Judicial), Punjab and Haryana High Court, Chandigarh]

Criminal Courts.—The table below gives the number and nature of cases tried by the Criminal Courts in the district, during 1976 to 1983 :

Year	Regular cases	Security cases	Summary cases
1976	7,121	—	7,996
1977	5,789	—	9,019
1978	6,615	—	9,356
1979	7,641	—	14,673
1980	7,237	—	28,674
1981	5,315	—	17,205
1982	5,900	—	16,091
1983	5,946	—	20,295

(Source : Chief Judicial Magistrate, Ludhiana)

The following statement shows the Judicial work done by the panchayats in the district, during 1966-67, 1971-72 and 1976—77 to 1982-83 :—

Judicial Work done by Panchayats in Ludhiana District

	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
LUDHIANA									
A. Revenue Cases									
1 Cases pending at the beginning of the year	269	176	85	98	7	8	11	14	7
2 Cases instituted	186	164	92	1	27	6	1	25	—
3 Cases received by transfer	5	14	6	16	3	49	33	2	7
4 Cases transferred from Panchayats and returned for presentation to Courts and Panchayats	6	7	3	—	—	1	2	3	—
5 Cases decided	169	186	82	108	29	51	29	31	12
(a) Cases dismissed	14	27	30	96	28	5	1	4	9
(b) Cases compounded	133	136	35	3	—	45	27	25	3
(c) Cases decreed	22	23	17	9	1	1	1	2	—
6 Cases pending at the end of year	285	161	98	7	8	11	14	7	2
B. Criminal Cases									
1 Cases pending at the beginning of the year	139	75	36	33	4	8	12	14	8
2 Cases instituted	112	48	63	16	38	29	30	36	19
3 Cases received by transfer	9	13	10	4	5	8	7	6	—
4 Cases transferred from Panchayats and returned to Courts and Panchayats	13	5	9	—	—	3	—	1	—
5 Cases decided	131	84	67	49	39	30	35	47	20
(a) Cases dismissed	33	14	23	14	—	2	—	6	6
(b) Cases compounded	84	62	41	34	35	27	34	41	14
(c) Cases convicted	14	8	3	1	4	1	—	—	—
6 Cases pending at the end of the year	116	47	33	4	8	12	14	8	7

(Source : Director, Rural Development and Panchayats, Punjab, Chandigarh)

CHAPTER XIV

LOCAL SELF-GOVERNMENT

1 Statistics of Municipal Corporation/Committees in the District and their Income & Expenditure

There are one municipal corporation at Ludhiana and six municipalities in the district at Khanna, Jagraon, Raikot, Samrala, Doraha and Payal.* The Municipal Corporation, Ludhiana, was set up by the Punjab Government on 31 March 1977 under the Punjab Municipal Corporation Act, 1976. The Corporation has taken up a large number of projects in hand with a view to achieve the objects. The city is now covered under the International Development Authority for the purpose of an efficient administration in respect of water supply and sewerage system. The development schemes taken in hand by the Corporation are : Shopping Complex on G.T. Road (95 shops); Gill Road shopping Complex for *Khokha Holders* and *Rehriwalas* (About 108 booths); Multi-storeyed Booths (216); Mata Rani Shopping Complex; Fountain Chowk Commercial Complex; Shopping Complex near Domoria Bridge; Dholewal Chowk Commercial Complex; and Commercial Complex near Sangeet Cinema. The shops/booths have been allotted to the *Khokha Holders*, *Rehriwalas*, etc. who were hitherto doing their work on the roads causing hinderance to the traffic.

To improve the sanitary conditions of the city, the Corporation has covered the *nala* opposite Society Cinema and behind Bhadaur House. It has constructed 354 sheds in Haibowal Dairy Complex. Besides, the Improvement Trust, Ludhiana has constructed 201 sheds in Tajpur Dairy Complex. All the dairies have been shifted from the city to these complexes.

The Corporation has installed the statues of Shaheed-e-Azam S. Bhagat Singh, Shaheed Sukhdev & Rajguru; S. Kartar Singh Sarabha; Major Bhupinder Singh; and Fl. Lt. Nirmaljit Singh Sekhon in different roundabouts of the city.

The income and expenditure of municipal corporation/committees during 1966-67, 1971-72 and 1976-77 to 1982-83, are given in the following statement :—

*Payal was constituted into a class III minicipal committee, on 29 March 1976.

Income and Expenditure of Municipal Corporation/Committees

Name of Municipal Corporation/Committee	Income							
	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1. Ludhiana (Corporation)	6,581	19,748	53,067	46,592	55,639	81,656	88,164	1,40,340
2. Jagraon ..	630	1,268	2,303	2,234	2,463	3,088	3,403	4,519
3. Khanna ..	889	1,590	3,516	4,409	4,225	4,424	5,692	8,611
4. Raikot ..	148	282	829	671	805	860	977	1,079
5. Samrala ..	162	260	741	611	665	751	861	894
6. Doraha ..	114	245	772	782	866	1,002	1,239	1,737
7. Payal ..	—	—	—	158	172	79	278	504
District Total, ..	8,524	23,393	61,228	55,457	64,835	91,860	1,00,614	1,57,684

In the Ludhiana District, 1966-67, 1971-72 and 1976-77 to 1982-83

(Figures in '000)

Expenditure										
1982-83	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1982-83
1,64,404	6,581	17,419	52,430	47,625	54,746	85,093	88,142	1,40,959	1,74,709	
4,855	600	1,244	2,301	2,391	2,607	3,003	2,659	4,040	5,591	
11,046	754	1,544	4,205	4,917	4,252	4,205	5,247	8,785	11,046	
1,397	134	280	660	815	761	727	1,136	1,103	1,539	
1,336	185	259	681	698	676	758	852	901	1,140	
1,898	124	337	710	845	1,029	894	1,241	1,828	2,015	
379	—	—	—	145	106	47	279	495	480	
185,315	8,378	21,083	60,987	57,436	64,177	94,727	99,556	1,58,111	1,96,520	

(Statistical Abstracts of Punjab 1967, 1972, 1977 to 1982)

2 Statistics of Zila Parishads their Income and Expenditure

The main financial sources of the Zila Parishads are Government grants, share of local rate and funds allotted to it for implementing departmental schemes. The income and expenditure of the Zila Parishad, Ludhiana, during 1966-67, 1971-72 and 1976-77 to 1982-83 were as under:

Year		Income (Rs)	Expenditure (Rs)
1966-67	..	15,24,721	11,57,982
1971-72	..	7,70,609	15,55,588
1976-77	..	48,99,635	43,89,749
1977-78	..	60,37,748	60,02,304
1978-79	..	54,03,357	56,76,728
1979-80	..	53,90,678	49,97,580
1980-81	..	19,96,801	26,75,910
1981-82	..	32,98,819	35,45,284
1982-83	..	41,76,005	33,64,567

(Source : Secretary, Zila Parishad, Ludhiana)

3 Tables on Panchayats

As on 19 September 1984, there were 884 panchayats in the Ludhiana District. The income of the Panchayats in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83, was as under :

Year		House Tax (Rs)	Grants-in-aid (Rs)	Voluntary Contribu- tions (Rs)	Total (Rs)
1966-67	..	1,86,358	69,960	25,326	2,81,644
1971-72	..	77,248	2,10,135	55,014	3,42,397
1976-77	..	5,04,970	5,06,255	6,523	10,17,748
1977-78	..	4,18,520	5,34,217	10,600	9,63,337
1978-79	..	4,78,979	10,69,885	9,339	15,58,203
1979-80	..	3,76,077	37,26,461	2,54,625	43,57,163
1980-81	..	5,71,744	14,79,829	40,580	20,92,153
1981-82	..	5,33,970	87,35,171	1,05,697	93,74,838
1982-83	..	5,18,892	42,05,269	39,184	47,63,345

(Source : Director, Rural Development and Panchayats Punjab Chandigarh)

4 Statistics of Town Planning and Slum-clearance Scheme

The town planning work was initiated at Ludhiana in 1944 when it was looked after by the Head Office of the Department. The primary aim of setting up the office at Ludhiana was preparation of Master Plans of important towns in the district and allied planning activities. With the growth in the town and its development activities, the level of the office was upgraded. It is headed by a Divisional Town Planner, who is assisted by 3 Assistant Town Planners and other subordinate staff.

Besides preparation of Master Plans, the Department advises various local bodies as well as Government Departments in the following matters :—

- 1 Planning Schemes ;
- 2 Preparation of various planning/development schemes under the various Acts ;
- 3 Preparation of Five-Years Development Plans known as Integrated development of Small and Medium towns plans and Integrated Urban development plans; and
- 4 Preparation of Master Water Supply Schemes and Master Sewerage Schemes.

While work at Ludhiana forms a major part, the activities of the department also spread to other towns in the district. In accordance with the policy of the Union Government, preparation of Master Plans for various sizes of cities and towns has been launched and Master Plans for Ludhiana, Khanna, Samrala, Machhiwara and Jagraon have been prepared. Further development of these towns has been envisaged in accordance with the proposals of Master Plan.

The executing agencies for plans prepared by the department are Improvement Trusts, Municipal Committees, Municipal Corporations, Housing & Urban Development Department and other Government departments such as Colonization, P.W.D., etc. Various types of Planning Schemes in towns and villages prepared by the department are mentioned below :

- 1 Development, Expansion, Rehousing and Slum-clearance Schemes for the Improvement Trusts ;
- 2 Town Planning Schemes of unbuilt areas and building schemes of built up areas for Municipal Committees and Municipal Corporations.

- 3 Layout plans for setting up industrial focal points, urban estates, *mandies*, rehabilitation schemes, shopping centres and rural integrated development of focal points, etc.

Improvement Trusts

Under the Punjab Town Improvement Act, 1922, Improvement Trusts have been set up for selected towns. Two such trusts have been established in Ludhiana District for Ludhiana and Khanna.

(a) **Ludhiana Improvement Trust, Ludhiana.**—The Ludhiana Improvement Trust was established in June 1959, but it started functioning effectively only in 1962, the first three years having been spent in working out details of development and improvement and framing concrete proposals. Since then, it has framed various types of schemes. All modern amenities such as metalled and tarred roads, water supply, underground drainage, street lighting, etc. are provided in schemes developed by the Improvement Trust. In some cases, loans have also been advanced for the construction of houses to the plot holders. From 1966-67 to 1980-81, the Trust has framed/developed 25 schemes covering an area of approximately 3,250 acres. Some of the important schemes are; development of Bhai Randhir Singh Nagar, Shaheed Bhagat Singh Nagar, Rishi Balmik Nagar, Kitchlu Nagar, etc. as residential colonies and a few commercial areas.

(b) **Khanna Improvement Trust, Khanna.**—The Khanna Improvement Trust was constituted on 27 November 1972 and started functioning in 1974. The Trust has taken up following schemes for development:—

- 1 Shri Narotam Nagar Residential-cum-Commercial Centre (43.23 acres)
- 2 Shri Guru Teg Bahadur Residential-cum-Commercial Centre (23 acres)
- 3 Indira Nagar Residential-cum-Commercial Centre (315 acres)
- 4 Amloh Road Residential-cum-Commercial Centre
- 5 Navi Abadi Vikas Scheme
- 6 Shri Guru Amar Dass Commercial Centre

- 7 Shri Lajpat Rai Commercial Centre
- 8 Punjab & Sind Bank Vikas Scheme
- 9 Mata Rani Vikas Scheme
- 10 Malerkotla Road Residential-cum-Commercial Centre
- 11 Mahan Road Scheme

The income and expenditure of the Ludhiana and Khanna Improvement Trusts, during 1966-67, 1971-72 and 1976-77 to 1982-83 are given in the following statement:—

Income and Expenditure of Improvement

Name of Trust	Income								
	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	
Ludhiana	—	3,731	4,236	44,061	31,229	35,389	45,850	23,624	78,195
Khanna	—	—	—	510	379	1,683	2,148	3,590	2,322

Trusts, during 1966-67, 1971-72 and 1976-77 to 1982-83

(Figures in '000 Rs)

1982-83	Expenditure								
	1966-67	1971-72	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
44,894	4,570	5,107	28,829	35,113	44,834	13,465	49,297	75,328	56,598
5,809	—	—	764	447	1,774	1,967	1,922	3,928	4,395

(Statistical Abstracts of Punjab 1967, 1972, 1977 to 1983)

Town Planning Schemes

Town Planning Schemes are being worked out in four towns in the district, viz. Ludhiana, Khanna, Jagraon and Samrala under the Punjab Municipal Corporation Act, 1976 and the Punjab Municipal Act, 1911. During the period from 1966-67 to 1980-81, more than 1,000 acres of land had been brought under town planning schemes prepared by the Department in Ludhiana City alone. Smaller areas have been covered in other towns mentioned above.

The Divisional Town Planner's office has prepared 87 town planning schemes on behalf of Municipal Committee (now Corporation) Ludhiana, out of which 66 have been sanctioned by the Government and are under implementation, while the remaining schemes are under process.

Khanna Municipal Committee.—The office has prepared 5 schemes, out of which 2 schemes covering an area of 17.56 acres have been sanctioned by the Government. 8 more areas have been declared as unbuilt and town planning schemes are under process of formulation.

Jagraon Municipal Committee.—Five schemes have been prepared and 2 schemes covering 35.60 acres have been sanctioned by the Government. 4 more areas have been declared as unbuilt.

Samrala Municipal Committee.—For Samrala, 6 schemes have been planned, out of which 2 schemes covering 48.60 acres have been sanctioned by the Government.

The department has also prepared various types of schemes which are executed by Government agencies such as Urban Development Department, Industries Department, Colonization Department, etc. It has also prepared layout plans for focal villages of the district under the focal village scheme of the State Government.

Residential Urban Estates.—Layout plans, demarcation plans, road cross section plans, zoning plans and frame control sheets have been prepared for 8 urban estates covering a total area of about 1,500 acres. Of these, Urban Estate Dhandari Kalan, Phase-I, Dhandari Kalan Phase-II, Dugri Road Phase-I and Dugri Road Phase-II stand executed at site, while action for development of other urban estates is under way at various stages.

Industrial Focal Points

Two industrial areas, known as Industrial Area A and Industrial Area B, were planned previously. Similarly, an Industrial Estate was planned. Five new Industrial Focal Points have been planned and developed on total area of approximately 950 acres in the city.

Other Government Schemes/Projects

These cover development of new shopping centres, redevelopment of old areas, improvement of road and road junctions which all go into improvement of living conditions in the existing *abadies* of the city. Some of the schemes prepared by the department are as follows:—

- 1 Shopping Centre in Old Tahsil Kotwali and Veterinary Hospital area in Chaura Bazar
- 2 Shopping Centre in Old Jail site
- 3 Shopping Centre in residential urban estate Dhandari Kalan, Phase-II
- 4 Shopping Centre in residential urban estate, sector 38
- 5 Shopping Centre in residential urban estate, Dugri Road, Phase-II
- 6 Shopping-cum-administrative centre in Industrial Focal Point Phase-I

Slum Areas.—The Municipal Corporation, Ludhiana has notified and declared the following areas in the town as slum areas. The Corporation has undertaken the work to clear the slums by providing sewerage, water supply, etc.

Serial No.	Name of the Area
1	Dasmesh Nagar
2	Karabara
3	Sekhewal
4	Basti Jodhewal
5	Basti Mani Singh
6	Murad Pura

Serial No.	Name of the Area
7	Bhagwan Nagar
8	Salem Tabri
9	Abdulapur Basti
10	Bhatia Bhagat Singh
11	Jamma Colony
12	Manohar Nagar
13	Kamla Nagar
14	Fauji Mohalla
15	Shiv Puri
16	Gandhi Nagar
17	Islam Ganj
18	Mustaq Ganj
19	Hargobind Pura
20	Premi Nagar
21	Janak Puri
22	Guru Nanak Pura
23	New Janta Nagar
24	Chet Singh Nagar
25	Arjan Nagar
26	Janta Nagar
27	Kirpal Nagar
28	New Subhash Nagar
29	Attal Nagar
30	Janta Colony
31	Bindra Colony
32	Fateh Garh Mohalla

Serial No.	Name of the Area
33	New Madho Puri
34	Manjit Singh Nagar
35	Fauji Colony
36	Baba Deep Singh Nagar
37	Kailash Nagar
38	Simla Puri
39	Indira Colony (Rahon Road)
40	New Kundan Puri
41	Arya Nagar near Sham Nagar
42	New Shakti Nagar
43	New Krishna Nagar
44	Nandpur
45	Ravidass Pura
46	Guru Hari Rai Nagar
47	New Janta Nagar
48	New Shivpuri

CHAPTER XV

EDUCATION AND CULTURE

1 Statistics of Literacy According to Urban-Rural and Sex break-up

With the opening of a number of primary, middle, high/higher secondary schools and colleges, the literacy rate in the district has been going up since 1947. According to the 1981 Census, Ludhiana District ranked first in the State in the field of literacy. The literacy rate was 50.60 per cent of total population of the district, as against 40.86 per cent of the Punjab State as a whole.

The details of literacy rate in the Ludhiana District according to 1971 and 1981 Census are given in the following table :—

(Literacy aRte)

Year	Rural	Urban	Total	Male	Female
1971	35.28	56.35	42.63	48.7	35.4
1981	43.69	60.14	50.60	56.15	44.15

(Statistical Abstracts of Punjab 1979 and 1983)

2 Statement of Primary and Secondary Education

The number of recognised educational institutions* in the Ludhiana District, during 1966-67, 1971-72 and 1977 to 1982 are given in the following table :—

Year	High Schools/ Post Basic Schools			Middle Schools/ Senior Basic Schools			Primary Schools/ Pre-Primary/ Junior Basic Schools		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1966-67	97	31	128	66	24	90	638	29	667
1971-72	120	41	161	99	16	115	628	19	647
1977	140	36	176	147	14	161	730	14	744
1978	163	41	204	133	11	144	959	41	1,006
1979	165	41	206	134	12	146	988	19	1,007
1980	182	38	220	130	10	140	989	19	1,008
1981	208	43	251	119	5	124	991	19	1,010
1982	211	44	255	119	4	123	992	19	1,011

(Statistical Abstracts of Punjab 1969, 1975, 1978 to 1983)

*Both Government and Non-Government Institutions.

3 University Education

The Punjab Agricultural University, Ludhiana.—It was established on 17 October 1962 with the objectives of imparting higher education, prosecuting research and undertaking extension in agriculture, veterinary and animal sciences, agricultural engineering, home science and other allied sciences. It is the only University in the State in the field of agriculture. For the farmers, it has become a temple of learning. It is widely recognized that this institution has played a key role in bringing about and sustaining the Green Revolution that has made Punjab the granary of India.

The University has grown in stature and made all-round progress since its coming into being two decades ago. In 1962, the campus at Ludhiana had only the College of Agriculture and two hostel buildings. It has now developed into one of the finest campuses in India with regard to amenities, architecture and landscaping. At present, there are five colleges, viz. Colleges of Agriculture, College of Agricultural Engineering, College of Basic Sciences and Humanities, College of Home Science and College of Veterinary Science. Besides, it has four directorates, viz. Directorate of Research, Directorate of Extension Education, Directorate of Food Technology, Processing and Marketing and the Directorate of Students Welfare. In addition to these, there are 41 departments with faculty strength of 1,600. There is also a post-graduate organisation, headed by the Dean of Post-Graduate Studies. The post-graduate instruction in formal courses is offered in agriculture, basic sciences, animal science, veterinary science, agricultural engineering and home science.

Since the establishment of the University, it has taken big strides in the field of research in agriculture and allied sciences, development of new varieties of different crops and development of improved agricultural implements and farm machinery. The most significant feature of the University is the integration of its teaching, research and extension activities. Every member of the staff combines in his work all the three functions. Because of the excellent facilities for research, teaching and accommodation available here, the University is able to attract many talented scientists to its distinguished faculty. A large number of national awards earned by the University scientists for their outstanding work testify to their being men of great abilities.

The University Central Library, renamed as Mohinder Singh Randhawa Library, after its former Vice Chancellor is housed in an impressive five storeyed building. In addition to this, there are an administrative block, 8 students' hostels, 3 rest houses and 452 residential

quarters for the staff. Besides, the University has established four museums which are of great educational and research value. They are : Museum of Social History of the Punjab, set up in a building of the eighteenth century style ; Museum of Water and Power Resources of Northern India, set up in a separate building especially designed for the purpose ; Museum of History of Agriculture, located in the University Library building ; and Museum of Horticulture, located in the Horticulture Laboratories. In addition to these, there is also a Museum of Soils.

The University is pioneer in organising *Kisan Melas* and *Kisan Diwas* during *rabi* and *kharif* seasons, respectively. These events which are held twice a year have highest educational value for the farmers. They visit the University on these days to acquaint themselves with the latest achievements in technology and to discuss their problems with the experts. On these occasions, field visits to standing crops and practical demonstrations are also arranged. In these melas, a big agro-industrial exhibition is also held. The distribution of improved seeds of different crops is the main feature of both these functions. Besides, the Directorate of Extension Education organises the ten day specialized training courses for the farmers in farm machinery, poultry farming, dairy-farming, piggyery, fruit and vegetable growing and preservation. The farmers' training centre at Ludhiana functioning in this department organises production-cum-demonstration camps, two-day agro-home production courses, discussion groups and functional literacy drive for the farmers and farm women of the Ludhiana District.

The following table gives the number of Universities and Arts and Science Colleges in the Ludhiana District, during 1966-67, 1972 and 1977 to 1982 :—

Year	Universities			Arts and Science Colleges		
	Boys	Girls	Total	Boys	Girls	Total
1966-67	1	—	1	8	3	11
1972	1	—	1	13	9	22
1977	1	—	1	13	11	24
1978	1	—	1	13	11	24
1979	1	—	1	13	11	24
1980	1	—	1	13	11	24
1981	1	—	1	13	11	24
1982	1	—	1	13	11	24

(Statistical Abstracts of Punjab 1969, 1973, 1978 to 1983)

4 Professional and Technical Education

The following table gives the number and classification of colleges by management and nature of education imparted in the Ludhiana District, during 1966-67, 1971-72 and 1977-78 to 1981-82 :—

Classification of Colleges by Management and Nature of Education imparted in the Ludhiana District during 1966-67, 1971-72 and 1977-78 to 1981-82

Classification of Colleges by Management and Nature of Education imparted in the

Type of Education imparted	1966-67			1971-72			1977-78		
	Managed by Govt.	Aided	Total	Managed by Govt.	Aided	Total	Managed by Govt.	Aided	Total
Medical—									
General ..	—	2	2	—	2	2	—	2	2
For Women ..	—	—	—	—	—	—	—	—	—
Education—									
General ..	—	1	1	—	1	1	—	1	1
For Women ..	—	2	2	—	2	2	—	2	2
Engineering ..	—	1	1	—	1	1	—	2	2
Agriculture ..	4	—	4	5*	—	5	—	2	2**
Oriental Studies ..	—	1	1	—	1	1	—	1	1
Veterinary Science ..	—	—	—	—	—	—	—	1	1
Home Science ..	—	—	—	2***	—	2	—	1	1
Technology ..	—	—	—	1	—	1	—	—	—
Total ..	4	7	11	8	7	15	—	12	12

*Since 1965-66, Agricultural College and Agricultural Engineering College have been taken over by the Punjab Agricultural University, Ludhiana.

**Managed by the Punjab Agricultural University, Ludhiana.

***It includes one college for Basic Science and Humanities.

Ludhiana District, during 1966-67, 1971-72 and 1977-78 to 1981-82

1978-79			1979-80			1980-81			1981-82		
Managed by Govt.	Aided	Total	Managed by Govt.	Aided	Total	Managed by Govt.	Aided	Total	Managed by Govt.	Aided	Total
—	2	2	—	2	2	—	2	2	—	2	2
—	—	—	—	—	—	—	—	—	—	—	—
—	1	1	—	1	1	—	1	1	—	1	1
—	2	2	—	2	2	—	2	2	—	2	2
—	2	2	—	2	2	—	2	2	—	2	2
—	2	2**	—	2	2**	—	2	2**	—	2	2**
—	1	1	—	1	1	—	1	1	—	1	1
—	1	1	—	1	1	—	1	1	—	1	1
—	1	1	—	1	1	—	1	1	—	1	1
—	—	—	—	—	—	—	—	—	—	—	—
—	12	12	—	12	12	—	12	12	—	12	12

(Statistical Abstracts of Punjab, 1969, 1974, 1978 to 1983)

5 Education of the Handicapped

The following institutions for the education of the handicapped exist in the district :—

(i) **Government Institution for the Blind, Ludhiana.**—With a view to helping blind children of school-going age to attain education and training ; to enable them to gain economic independence in life, and not to be a burden on their families, or society, Government Institution for the Blind was started at Ludhiana in February 1978. The inmates are provided regular education upto matric through *Bhari* Braille, professional training in music and vocational training in arts and crafts. During 1981-82, there were 55 children on the rolls of the Institution.

(ii) **Sheltered Workshop for the Physically Handicapped, Ludhiana.**—The aim of this Institution is to train physically handicapped persons in various crafts such as weaving, hosiery, tailoring, cane-work, candle making, etc. to enable them to earn their livelihood. A stipend of Rs 60 per head is provided to the trainees besides free lodging. During 1981-82, 29 persons were undergoing training in the Institution.

(iii) **School for the Deaf Children, Ludhiana.**—The Ludhiana Educational Society was formed in June 1971. Since then it has been running the school for the Deaf Children and Punjab Vocational Training and Rehabilitation Centre, the first of its kind in Ludhiana. These institutions are being run mainly on public donations, subscriptions and also grant from the Social Welfare Department, Punjab.

Children between the ages of 3 to 15 years are admitted to the school. The child should be educatable and should not be suffering from severe disabilities such as epilepsy or any other crippling disease. Each child is examined by an audiologist to ascertain the extent of deformities and the possible remedial measures. The use of sign language is discouraged. The lip-reading and development of speech is insisted right from the nursery stage. Students are prepared for primary and middle standards. Facilities exist for both indoor and outdoor games like carom, ludo, and badminton. No tuition fee is charged from the students. The society has its own mini bus for the convenience and transportation of the students from and to their houses.

Besides the special school, the society runs Punjab Vocational Training and Rehabilitation Centre in the same premises. The principal aim is to prepare the deaf and hard of hearing students (boys and girls) for employment and self-employment, to embark on a successful career and

settle in life. Training is provided at various levels of educational attainments, interests and aptitudes of deaf individuals. The Centre imparts training in tailoring including cloth cutting, embroidery and needle work, knitting, toys and dolls, arts and crafts, candle making, cane and bamboo work, card board box making, photography and book binding and copy making.

The number of inmates on the rolls of the school during 1982-83 was 72.

6 Sports

The Grewal Sports Festival, Qila Raipur.—The sports festival held at Qila Raipur is unique in the history of rural sports in the State and has made this village famous. It has attracted the cream of the nation's hockey and athletic talent. These sports provide opportunity to witness competitive sports to the villagers who assemble in thousands to witness these games.

The sports in Qila Raipur started with the formation of the Grewal Educational Society in 1933. This gave impetus to starting of games in real earnest in the village. Grewal Sports Hockey Tournament was held for the first time in 1934. Next year, volley ball and athletic events were incorporated in the annual sports festivals. After that, all modern athletic events and rural sports items like tug of war, camel race, bullock-cart races, *mughder* and sack lifting, *kahaddi*, etc. were introduced. There was so much enthusiasm that the interested cart racers began to explore the best animals in Rajasthan, the home of bullocks in the country, to purchase the best possible combination for the races.

The sports festival is organized by the Grewal Sports Committee, Qila Raipur. It is held in the month of March every year and lasts for two days. A large number of spectators from far and near witness the sports.

CHAPTER XVI

MEDICAL AND PUBLIC HEALTH SERVICES

1 Vital Statistics of Births and Deaths

The statistics regarding births and deaths rate (Civil Registration System) in the Ludhiana District, 1966, 1971 and 1976 to 1982, are given in the following table:—

Year	Birth rate per thousand of population	Death rate per thousand of population
1966	30.39	10.17
1971	28.19	6.95
1976	22.85	7.12
1977	24.55	7.72
1978	23.16	8.23
1979	25.00	7.47
1980	26.10	6.93
1981	25.15	7.16
1982	27.60	7.00

(Report on the working of the Act, 1978 and 1980, Series No. 5, Publication No. 19 and Series 5, Publication No. 22 respectively, published by State Bureau of Health Intelligence, Directorate of Health and Family Welfare, Punjab; and Civil Surgeon, Ludhiana)

2 Table on Infant Mortality

Infant Mortality Rate (Civil Registration System) in the Ludhiana District, 1966, 1971 and 1976 to 1982, are given in the following table:—

Year	Infant mortality rate per thousand of population
1966	73.34
1971	50.94
1976	55.81
1977	59.91

Year	Infant mortality rate per thousand of population
1978	63.19
1979	48.43
1980	44.34
1981	56.69
1982	45.60

(Report on the working of the Act, 1978 and 1980, Series No. 5, Publication No. 19 and Series No. 5, Publication No. 22, respectively published by State Bureau of Health Intelligence, Directorate of Health and Family Welfare, Punjab; and Civil Surgeon, Ludhiana)

3 Table on Mortality from Various Diseases

The following statement gives the number of deaths from fevers, dysentery & diarrhoea, respiratory diseases, accidents & injuries and other causes in the Ludhiana District:—

Deaths registered from various Diseases in the Ludhiana District during 1966, 1971 and 1976 to 1982

Year	Total Deaths				Specified Diseases						
	Males	Females	Persons	Cholera	Small-pox	Plague	Fevers and diarrhoea	Dysentery and diarrhoea	Respiratory diseases	Accidents and injuries	Other causes
1966	..	6,734	5,456	12,190	—	—	—	—	—	—	—
1971	..	5,559	4,321	9,880	—	—	—	—	—	—	—
1976	..	6,599	5,183	11,782	—	—	—	—	—	—	—
1977	..	7,444	5,752	13,196	—	—	—	—	—	—	—
1978	..	8,213	6,336	14,549	—	—	4,656	126	2,122	210	6,082
1979	..	7,541	6,120	13,661	—	—	5,128	424	3,004	330	5,663
1980	..	7,287	5,824	13,111	—	—	4,835	385	2,369	263	5,809
1981	..	7,286	5,760	13,046	—	—	5,871	714	1,156	444	4,926
1982	..	6,845	6,169	13,014	—	—	5,785	703	1,122	435	4,947
							4,195	2,105	9	95	6,610

(Report on the working of the Act, 1978 and 1980, Series No. 5 Publication No. 19 and Series No. 6 Publication No. 22 respectively, published by State Bureau of Health Intelligence, Directorate of Health and Family Welfare, Punjab, and Civil Surgeon, Ludhiana)

4 Medical Facilities in the District

As on 1 April 1983, there were 215 medical institutions (allopathic) in the district. Their management-wise break-up of the medical institutions is : 169 State Public, 18 State Special, 11 Municipal, 5 Zila Parishad and 12 Voluntary Organisations. The list of hospitals, primary health centres and dispensaries in the district are given in the following table :—

Hospitals, Primary Health Centres and Subsidiary Health Centres/Dispensaries in the Ludhiana District as on 1 April 1983

Serial No.	Name and Location of the Institution	Sanctioned Bed Strength		Rural/Urban	Name of Tahsil	Type of Management
		Male	Female			
1	2	3	4	5	6	7
1	Lord Mahavir Civil Hospital, Ludhiana	50	50	Urban	Ludhiana	State Public
2	Civil Hospital, Samrala	25	25	Do	Samrala	Do
3	Gulam Mohammad Diwana Civil Hospital, Khanna	31	25	Do	Khanna	Do
4	Civil Hospital, Jagraon ..	15	10	Do	Jagraon	Do
5	Urban Slum Area Dispensary, Salem Tabri, Ludhiana	2	2	Do	Ludhiana	Do
6	Urban Slum Area Dispensary, Kidwai Nagar, Ludhiana	2	2	Do	Do	Do
7	Urban Slum Area Dispensary, Sarabha Nagar, Ludhiana	2	2	Do	Do	Do
8	Urban Slum Area Dispensary, Guru Nanakpura, Ludhiana	2	2	Do	Do	Do
9	Urban Slum Area Dispensary, Kot Mangal Singh, Ludhiana	2	2	Do	Do	Do
10	T.B. Clinic, Ludhiana ..	—	—	Do	Do	Do
11	School Health Clinic, Ludhiana	—	—	Do	Do	Do
12	Civil Dispensary, Doraha ..	2	2	Do	Do	Do
13	Civil Dispensary, Raikot ..	2	2	Do	Jagraon	Do
14	E.S.I. Hospital, Ludhiana ..	68	32	Do	Ludhiana	State Special
15	Police Hospital, Ludhiana ..	8	—	Do	Do	Do
16	Central Jail Hospital, Ludhiana	16	4	Do	Do	Do

1	2	3	4	5	6	7
17	Northern Railway Health Unit, Ludhiana	4	—	Urban	Ludhiana	State Special
18	E.S.I. Dispensary, Ludhiana (In E.S.I. Hospital)	—	—	Do	Do	Do
19	E.S.I. Dispensary, Rallson, G.T. Road, Ludhiana	—	—	Do	Do	Do
20	E.S.I. Dispensary, Dhandari Kalan (Focal Point), Ludhiana	—	—	Do	Do	Do
21	E.S.I. Dispensary No. 4, Ludhiana	—	—	Do	Do	Do
22	E.S.I. Dispensary, Vardhman, Ludhiana	—	—	Do	Do	Do
23	E.S.I. Dispensary No. 6, Ludhiana	—	—	Do	Do	Do
24	E.S.I. Dispensary No. 7, Ludhiana	—	—	Do	Do	Do
25	E.S.I. Dispensary No. 8, Ludhiana	—	—	Do	Do	Do
26	E.S.I. Dispensary No. 9, Ludhiana	—	—	Do	Do	Do
27	E.S.I. Dispensary, Gurmukh Singh and Sons Factory, G.T. Road, Dhandari Kalan Ludhiana	—	—	Do	Do	Do
28	E.S.I. Dispensary, Sunet Village Tharika, Ludhiana	—	—	Do	Do	Do
29	Canal Dispensary, Ludhiana ..	—	—	Do	Do	Do
30	E.S.I. Dispensary, Khanna ..	—	—	Do	Khanna	Do
31	Municipal Lady Hospital, Khanna	—	14	Do	Do	Municipa
32	Leprosy (Kushat) Ashram, Ludhiana	—	—	Do	Ludhiana	Do
33	Municipal Corporation Islam Ganj, Ludhiana	—	—	Do	Do	Do
34	Municipal Corporation Dispensary, Vishwakarma Colony, Ludhiana	—	—	Do	Do	Do
35	Municipal Corporation Dispensary, Labour Colony, Ludhiana	—	—	Do	Do	Do
36	Municipal Corporation Dispensary, Basti Man Singh, Ludhiana	—	—	Do	Do	Do

1	2	3	4	5	6	7
37	Municipal Corporation Dispensary, Model Town, Ludhiana	—	—	Urban	Ludhiana	Municipal
38	Municipal Corporation Employees Dispensary, Ludhiana	—	—	Do	Do	Do
39	Municipal Corporation Dispensary, Kashmir Nagar, Ludhiana	—	—	Do	Do	Do
40	City Dispensary, Corporation Office, Ludhiana	—	—	Do	Do	Do
41	Municipal Chest Clinic, Ludhiana	—	—	Do	Do	Do
42	Christian Medical College and Brown Memorial Hospital, Ludhiana	317	380	Do	Do	Vol. Org.
43	Daya Nand Medical College and Hospital, Ludhiana	262	255	Do	Do	Do
44	Dr. B.L. Kapoor, Memorial Hospital, Ludhiana	—	110	Do	Do	Do
45	Shri Guru Tegh Bahadur Sahib Charitable Hospital, Ludhiana	25	25	Do	Do	Do
46	Smt. Akki Bai Oswal Charitable Hospital, Ludhiana	25	25	Do	Do	Do
47	Sardar Nihal Singh Pahwa Charitable Hospital, Ludhiana	35	35	Do	Do	Do
48	Tagore Hospital and Nursing Home, Tagore Nagar, Ludhiana	25	20	Do	Do	Vol. Org
49	Iqbal Nursing Home and Hospital 74, Club Road, behind District Court, Ludhiana	25	25	Do	Do	Do
50	Kushat Ashram, Khanna ..	—	—	Do	Khanna	Do
51	Lala Lajpat Rai Kushat Ashram, Jagraon	—	—	Do	Jagraon	Do
BLOCK LUDHIANA						
1	Rural Hospital, Katani Kalan	15	10	Rural	Ludhiana	State Public
2	Primary Health Centre, Sahnewal	4	4	Do	Do	Do
3	S.H.C., Alamgir ..	2	2	Do	Do	Do
4	S.H.C., Ayali Kalan ..	2	2	Do	Do	Do

1	2	3	4	5	6	7
5	S.H.C., Bhairo Munna ..	2	2	Rural	Ludhiana	State Public
6	S.H.C., Bhanohar ..	2	2	Do	Do	Do
7	S.H.C., Dhandra ..	2	2	Do	Do	Do
8	S.H.C., Jandiali ..	2	2	Do	Do	Do
9	S.H.C., Nandpur ..	2	2	Do	Do	Do
10	S.H.C., Thakarwal ..	2	2	Do	Do	Do
11	S.H.C., Kanech ..	2	2	Do	Do	Do
12	S.H.C., Lohara ..	2	2	Do	Do	Do
13	S.H.C., Mangli Unchi ..	2	2	Do	Do	Do
14	S.H.C., Pamal ..	2	2	Do	Do	Do
15	S.H.C., Tharika ..	2	2	Do	Do	Do
16	S.H.C., Phulanwal ..	2	2	Do	Do	Do
17	S.H.C., Sangowal ..	2	2	Do	Do	Do
18	S.H.C., Dakha ..	2	2	Do	Do	Do
19	Zila Parishad Dispensary, Badowal ..	2	2	Do	Do	Zila Parishad
20	Gurbachan Memorial Hospital, Lalton Kalan ..	6	6	Do	Do	Vol. Org.
BLOCK DORAHA						
1	Primary Health Centre, Payal ..	4	4	Urban	Khanna	State Public
2	S.H.C., Bilaspur ..	2	2	Rural	Do	Do
3	S.H.C., Dhamot ..	2	2	Do	Do	Do
4	S.H.C., Ghudani Kalan ..	2	2	Do	Do	Do
5	S.H.C., Jarg ..	2	2	Do	Do	Do
6	S.H.C., Jargari ..	2	2	Do	Do	Do
7	S.H.C., Muksudra ..	2	2	Do	Do	Do
8	S.H.C., Sihoura ..	2	2	Do	Do	Do
9	S.H.C., Rara Sahib ..	2	2	Do	Do	Do
10	S.H.C., Rauni ..	2	2	Do	Do	Do
11	S.H.C., Ghaloti ..	2	2	Do	Ludhiana	Do
12	Canal Dispensary, Rampur ..	—	—	Do	Do	State Special

1	2	3	4	5	6	7
BLOCK DEHLON						
1	Rural Hospital, Malaud ..	15	15	Rural	Ludhiana	State Public
2	Primary Health Centre, Malaud ..	—	—	Do	Do	Do
3	S.H.C., Gopalpur ..	2	2	Do	Do	Do
4	S.H.C., Ghawaddi ..	2	2	Do	Do	Do
5	S.H.C., Quila Raipur ..	2	2	Do	Do	Do
6	S.H.C., Jaspal Bangar ..	2	2	Do	Do	Do
7	S.H.C., Ramgarh Sardaran ..	2	2	Do	Do	Do
8	S.H.C., Siahr ..	2	2	Do	Do	Do
9	S.H.C., Tibba ..	2	2	Do	Do	Do
10	S.H.C., Ukasi Dhudal ..	2	2	Do	Do	Do
11	S.H.C., Bhulta ..	2	2	Do	Do	Do
12	Zila Parishad Dispensary, Dehlon ..	8	4	Do	Do	Zila Parishad
13	Zila Parishad Dispensary, Khatra Chohrami ..	2	2	Do	Do	Do
BLOCK PAKHOWAL						
1	Rural Hospital, Kalakh ..	15	10	Do	Do	State Public
2	Rural Hospital, Mansooran ..	15	10	Do	Do	Do
3	Primary Health Centre, Pakhowal ..	4	4	Do	Do	Do
4	S.H.C., Baraundi ..	2	2	Do	Do	Do
5	S.H.C., Bhaini Darera ..	2	2	Do	Do	Do
6	S.H.C., Dhalian ..	2	2	Do	Do	Do
7	S.H.C., Ghungrana ..	2	2	Do	Do	Do
8	S.H.C., Gujarwal ..	2	2	Do	Do	Do
9	S.H.C., Jodhan ..	2	2	Do	Do	Do
10	S.H.C., Jassowal ..	2	3	Do	Do	Do
11	S.H.C., Latala ..	2	2	Do	Do	Do
12	S.H.C., Rachhin ..	2	2	Do	Do	Do
13	S.H.C., Sarabha ..	2	2	Do	Do	Do
14	Bhagwant Memorial Hospital, Narangwal ..	8	10	Do	Do	Vol. Org.

1	2	3	4	5	6	7
BLOCK SAMRALA						
1	Rural Hospital, Isru ..	15	10	Rural	Khanna	State Public
2	Primary Health Centre, Manupur ..	4	4	Do	Samrala	Do
3	S.H.C., Aluna Miana ..	2	2	Do	Khanna	Do
4	S.H.C., Badla ..	2	2	Do	Do	Do
5	S.H.C., Beja ..	2	2	Do	Do	Do
6	S.H.C., Dau Majra ..	2	2	Do	Do	Do
7	S.H.C., Jatana ..	2	2	Do	Do	Do
8	S.H.C., Raipur ..	2	2	Do	Do	Do
9	S.H.C., Ghungrali (Sikhan) ..	2	2	Do	Do	Do
10	S.H.C., Ikolaha ..	2	2	Do	Do	Do
11	S.H.C., Rapalon ..	2	2	Do	Samrala	Do
12	S.H.C., Kalai Majra ..	2	2	Do	Do	Do
13	S.H.C., Salaudi ..	2	2	Do	Do	Do
14	S.H.C., Ajmer ..	2	2	Do	Do	Do
15	S.H.C., Bhari ..	2	2	Do	Do	Do
16	S.H.C., Raipur Majri ..	2	2	Do	Do	Do
17	S.H.C., Utalon ..	2	2	Do	Do	Do
18	S.H.C., Mehdudan ..	2	2	Do	Do	Do
19	S.H.C., Mandiala Kalan Near Gurdwara Manji Sahib ..	2	2	Do	Do	Do
BLOCK MACHHIWARA						
1	Rural Hospital, Machhiwara ..	15	15	Urban	Do	Do
2	Gani Khan Nabi Khan Primary Health Centre, Machhiwara ..	—	—	Do	Do	Do
3	S.H.C., Barwali ..	2	2	Rural	Do	Do
4	S.H.C., Barma ..	2	2	Do	Do	Do
5	S.H.C., Ghar Khan ..	2	2	Do	Do	Do
6	S.H.C., Mal Majra ..	2	2	Do	Do	Do
7	S.H.C., Jhar Sahib ..	2	2	Do	Do	Do

1	2	3	4	5	9	7
8	S.H.C., Khamanon Kamli ..	2	2	Rural	Samrala	State Public
9	S.H.C., Lohar Majra Khurd ..	2	2	Do	Do	Do
10	S.H.C., Nanowal ..	2	2	Do	Do	Do
11	S.H.C., Panj Garain ..	2	2	Do	Do	Do
12	S.H.C., Raya ..	2	2	Do	Do	Do
13	S.H.C., Sanghol ..	2	2	Do	Do	Do
14	S.H.C., Chhaurian Kalan ..	2	2	Do	Do	Do
15	S.H.C., Bassi Gujran ..	2	2	Do	Do	Do
BLOCK JAGRAON						
1	Rural Hospital, Hathur ..	15	15	Do	Jagraon	Do
2	Primary Health Centre, Hathur ..	—	—	Do	Do	Do
3	S.H.C., Chakar ..	2	2	Do	Do	Do
4	S.H.C., Dholan ..	2	2	Do	Do	Do
5	S.H.C., Chowki Man ..	2	2	Do	Do	Do
6	S.H.C., Kamal Pur ..	2	2	Do	Do	Do
7	S.H.C., Kaonke Kalan ..	2	2	Do	Do	Do
8	S.H.C., Mallah ..	2	2	Do	Do	Do
9	S.H.C., Gagra ..	2	2	Do	Do	Do
10	S.H.C., Pabbian ..	2	2	Do	Do	Do
11	S.H.C., Sidhwan Khurd ..	2	2	Do	Do	Do
12	S.H.C., Sujapur ..	2	2	Do	Do	Do
13	S.H.C., Hans Kalan ..	2	2	Do	Do	Do
14	Zila Parishad Dispensary, Manuka ..	2	2	Do	Do	Zila Parishad
BLOCK MANGAT						
1	Primary Health Centre, Kum Kalan ..	4	4	Rural	Ludhiana	State Public
2	S.H.C., Bhagpur ..	2	2	Do	Do	Do
3	S.H.C., Ayali Khurd ..	2	2	Do	Do	Do
4	S.H.C., Khaira Bet ..	2	2	Do	Do	Do
5	S.H.C., Bagga Khurd ..	2	2	Do	Do	Do
6	S.H.C., Laudhuwal ..	2	2	Do	Do	Do

1	2	4	5	6	7
7 S.H.C., Birmi	..	2	2	Rural Ludhiana	State Public
8 S.H.C., Sirah	..	2	2	Do Do	Do
9 S.H.C., Kariana Kalan	..	2	2	Do Do	Do
10 S.H.C., Ghallewal	..	2	2	Do Do	Do
11 S.H.C., Khawajke	..	2	2	Do Do	Do
12 S.H.C., Chaunta	..	2	2	Do Do	Do
13 S.H.C., Mangat	..	2	2	Do Do	Do
14 S.H.C., Jonnewal	..	2	2	Do Do	Do
15 S.H.C., Mattewara	..	2	2	Do Do	Do
16 S. Bant Singh S.H.C., Nurwala	..	2	2	Do Do	Do
17 S.H.C., Bhaini Sahib	..	2	2	Do Do	Do
18 S.H.C., Nurpur Bet	..	2	2	Do Do	Do
19 S.H.C., Dhanansu	..	2	2	Do Do	Do
20 S.H.C., Jassian	..	2	2	Do Do	Do
21 Zila Parishad Dispensary, Boothgarh	..	2	2	Do Do	Zila Parishad
BLOCK SIDHWAN BET					
1 Rural Hospital, Sidhwan Bet	..	15	15	Rural Jagraon	State Public
2 Primary Health Centre, Sidhwan Bet	..	—	—	Do Do	Do
3 Primary Health Centre, Humbran	..	4	4	Do Do	Do
4 S.H.C., Bassian Bet	..	2	2	Do Do	Do
5 S.H.C., Bhundri	..	2	2	Do Do	Do
6 S.H.C., Birk	..	2	2	Do Do	Do
7 S.H.C., Ghalib Kalan	..	2	2	Do Do	Do
8 S.H.C., Jandi	..	2	2	Do Do	Do
9 S.H.C., Kanian	..	2	2	Do Do	Do
10 S.H.C., Lodhiwala	..	2	2	Do Do	Do
11 S.H.C., Lilan	..	2	2	Do Do	Do
12 S.H.C., Porain	..	2	2	Do Do	Do
13 S.H.C., Sidhwan Kalan	..	2	2	Do Do	Do
14 S.H.C., Sawaddi Kalan	..	2	2	Do Do	Do

1	2	3	4	5	6	7
15 S.H.C., Sherpur Kalan	..	2	2	Rural Jagraon	State Public	
16 S.H.C., Sherpur Khurd	..	2	2	Do Do	Do	
17 S.H.C., Pandori	..	2	2	Do Do	Do	
18 S.H.C., Talwandi Kalan	..	2	2	Do Do	Do	
BLOCK GURUSAR SUDHAR						
1 Rural Hospital, Bopa Rai Kalan	..	15	10	Do Do	Do	
2 Premjit Memorial Primary Health Centre, Guru Sar Sudhar	..	4	4	Do Do	Do	
3 S.H.C., Binjal	..	2	2	Do Do	Do	
4 S.H.C., Halwara	..	2	2	Do Do	Do	
5 S.H.C., Heran	..	2	2	Do Do	Do	
6 S.H.C., Mohi	..	2	2	Do Do	Do	
7 Babu Bachan Singh Memorial Subsidiary Health Centre, Nathowal	..	2	2	Do Do	Do	
8 S.H.C., Talwandi Rai	..	2	2	Do Do	Do	
9 S.H.C., Khandoor	..	2	2	Do Do	Do	
10 S.H.C., Hissowal	..	2	2	Do Do	Do	
11 S.H.C., Raqba	..	2	2	Do Do	Do	
12 S.H.C., Jassowal	..	2	2	Do Do	Do	
13 S.H.C., Sahouli	..	2	2	Do Do	Do	
14 S.H.C., Tusa	..	2	2	Do Do	Do	
15 S.H.C., Aitiana	..	2	2	Do Do	Do	
16 S.H.C., Burj Hari Singh	..	2	2	Do Do	Do	
17 S.H.C., Bassian	..	2	2	Do Do	Do	
18 S.H.C., Jhorran	..	2	2	Do Do	Do	

(Directory of Medical Institutions in Punjab State as on 1 April 1983 Series No. 8. Publication No. 21, issued by Directorate of Health and Family Welfare Punjab, Chandigarh)

Ayurvedic and Unani Medical Institutions

As on 1 April 1983, there were 41 medical institutions (36 Ayurvedic and 5 Unani) in the district. Out of these, 33 were functioning in the rural areas. All these institutions are managed by the Government. The list of Ayurvedic/Unani dispensaries in the Ludhiana District are given below :

Serial No.	Name and Location of the Institution	Ayurvedic/Unani	Name of Tahsil
1	Behlolpur	.. Ayurvedic	Samrala
2	Jassowal	.. Do	Do
3	Haidon Bet	.. Do	Do
4	Kheri Naudh Singh	.. Do	Do
5	Khamanon Kalan	.. Unani	Do
6	Daheru	.. Ayurvedic	Do
7	Bulara	.. Unani	Ludhiana
8	Tihara	.. Ayurvedic	Jagraon
9	Rumi	.. Do	Do
10	Jagraon	.. Do	Do
11	Sujapur	.. Do	Do
12	Mundian Kalan	.. Do	Ludhiana
13	Barwala	.. Unani	Do
14	Jodhan	.. Ayurvedic	Do
15	Dhaul Kalan	.. Do	Do
16	Khanpur	.. Do	Do
17	Jhamat	.. Unani	Do
18	Payal	.. Ayurvedic	Do
19	Ghaloti	.. Do	Do
20	Ghudani	.. Do	Do
21	Bassian	.. Do	Jagraon

Sr. No.	Name and Location of the Institution	Ayurvedic/Unani	Name of Tahsil
22	Satiana	.. Ayurvedic	Ludhiana
23	Bhundri	.. Do	Jagraon
24	Lopon	.. Do	Samrala
25	Kamalpur	.. Do	Jagraon
26	Birk	.. Do	Do
27	Khera Bet	.. Do	Ludhiana
28	Neel Megh Singh	.. Do	Do
29	Hayatpur Bet	.. Do	Do
30	Boparai Kalan	.. Do	Jagraon
31	Khanna	.. Do	Samrala
32	Ludhiana	.. Unani	Do
33	Isapur	.. Ayurvedic	Do
34	Lohgarh	.. Do	Ludhiana
35	Budhewal	.. Do	Do
36	Bhatta	.. Do	Do
37	Dangian	.. Do	Jagraon
38	Harijan Basti, Ludhiana	.. Do	Ludhiana
39	P.S.E.B., Ludhiana	.. Do	Do
40	Raikot	.. Do	Do
41	Dandi Swami, Ludhiana	.. Do	Do

(Source : Director, Ayurvedic, Punjab)

Homoeopathic Medical Institutions

As on 1 April 1983, there were 7 Government homoeopathic dispensaries in the district at Jand, Sahnewal, Kohara, Ghulal, Samrala, Machhiwara and Ludhiana (P.A.U.). Besides, there is Lord Mahavira Homoeopathic Medical College and Hospital at Ludhiana. A brief description of the institution is given below:

Lord Mahavira Homoeopathic Medical College and Hospital, Ludhiana.—The college was established in 1976 and the hospital started functioning from 25 November 1979. An out-patients Department (O.P.D.) has been functioning at the college since February, 1978. Besides, a 30-bedded indoor ward is attached for medical cases. The hospital is manned by a Principal, 7 Lecturers, 3 Demonstrators, 1 Estate Officer, 1 Accounts Officer, 1 Office Superintendent, 1 Librarian, 1 Typist, 1 Driver, 1 Dispenser, 1 Lady Attendant, 10 class IV servants including sweepers, *malis*, etc.

The number of outdoor and indoor patients treated by the hospital during 1982-83 was 16,884 and 31, respectively.

Private Hospitals and Nursing Home

In addition to the Government medical services available in the district as explained above, a few prominent private hospital started during 1970 to 1982-83 are: Iqbal Nursing Home & Hospital, Ludhiana, Guru Teg Bahadur Sahib Charitable Hospital, Ludhiana, Sardar Nihal Singh, Pahwa Charitable Hospital, Ludhiana, Tagore Hospital and Nursing Home, Ludhiana and Jyoti Kendra, Free Eye Hospital, Ludhiana. A brief description of these hospitals is given below:

Iqbal Nursing Home/Hospital, Ludhiana.—The hospital was started in 1976 at Ludhiana. The medical facilities provided in the hospital include, maternity and gynae care; caesarean section; hysterectomies; tubectomies; MTP's; CU-7 insertion; neonatal care by paed specialist; vaccination, DPT, polio, measles & typhoid. The hospital is manned by an Administrative Officer, 5 Doctors, 4 Nurses, one Accounts Officer, 2 Supervisors, 8 ministerial staff, 3 class IV staff, 2 drivers & one theatre assistant.

The number of outdoor and indoor patients treated by the hospital during 1982-83 was 5,478 and 1,428, respectively.

Guru Teg Bahadur Sahib Charitable Hospital, Ludhiana.—The hospital was established in October, 1978. Originally the hospital started in a two-storeyed building having 50 beds only which has now been raised to three storeys and has 150 beds with modern equipments. It is functioning under a highly qualified team of specialists doctors. The medical

facilities provided in the hospital include: general medicine; general surgery; obstetrics and gynae.; orthopaedics; paediatrics; E.C.G.; X-ray; Labour room; operation theatre; pathology laboratory; vaccination clinic; B.C.G. vaccine, polio triple, D.P.T., D.T. and T.A.B. vaccine. The hospital is manned by 9 doctors, 2 staff nurses, 13 nurses/dais, 22 nursing orderlies, 2 technician lab/X-rays, 9 ministerial staff, 9 class IV servants including sweepers & ambulance driver.

In the year 1982-83, the number of outdoor and indoor patients treated by the hospital was 46,506 and 1,639 respectively.

S. Nihal Singh Pahwa Charitable Hospital, Ludhiana.—The hospital was started on 30 March, 1973. The medical facilities provided in the hospital include: general medicine; general surgery; orthopedic surgery; gynae obstetrics; paediatrics; anaesthesia; radiology; rehabilitation & physiotherapy; and laboratory investigations. The hospital is running a dispensary at village Shankar near Dehlon to provide free medical aid, vaccination and family planning facilities. Besides, staff of the hospital also visit nearby schools to educate students about the importance of vaccination. The hospital is manned by 7 consultants, 7 medical officers, 7 staff nurses, 15 auxiliary nurses-midwives, 25 ward attendants, 12 office staff, 4 laboratory staff, 1 radiographer, 8 watchmen, 9 class IV servants including sweepers and *malis*.

The number of outdoor and indoor patients treated by the hospital in 1982-83 was 46,700 and 3,601 respectively.

Tagore Hospital and Nursing Home, Ludhiana.—The hospital was started in 1973 at Ludhiana. The medical facilities provided in the hospital include medicine; surgery; dental; ophthalmology; dermatology; operation theatre; X-ray department, etc. The hospital is manned by 2 post graduate consultants, 1 resident medical officer, 2 staff nurses, 6 auxiliary nurses-midwives, 4 ward attendants, 7 ward boys and ward *ayas*, 3 operation theatre attendants, 3 office staff, 1 laboratory technician, 1 biochemist, 1 radiographer, 1 x-ray attendant, 1 dental department attendant, 1 operation theatre attendant and 7 sweepers.

The number of outdoor and indoor patients treated by the hospital in 1982-83 was 12,160 and 1,435 respectively.

Jyoti Kendra, Free Eye Hospital, Ludhiana.—Started in 1979, the hospital is run by the B. D. Memorial Society for Blind, Ludhiana.

The poor and needy patients besides medicines, are given the prescribed diet free of cost. Technically, the major and minor activities carried out in the hospital area: cataract, glaucoma, squint, ptosis, plastic surgery of the lid and minor surgery-ptyerygium, chalazion, and foreign bodies. The latest technology in the operations, viz. intra-ocular surgery and extra capsule surgery is also used. The voluntary donations are the only source of the income of the hospital.

About 30,000 outdoor patients are examined in the hospital annually and about 2,500 major and minor operations are performed.

5. Statistics of Sanitation and Family Planning

Out of the 958 villages in the Ludhiana District, only 5 villages (where water was scarce) were covered under rural drinking water supply scheme in 1982.

Progress of sterilisation operations, I.U.D. insertions and conventional contraceptive users in the Ludhiana District, during the years 1978-79 to progressive total upto March 1983 is given in the following table:—

Year	Sterilisation operations	I, U.D. insertions	Conventional contraceptive users	Progressive total upto March 1983	
				Sterilisation	I.U.D.
1978-79	1,983	4,775	18,445		
1979-80	2,967	5,872	15,386		
1980-81	3,810	6,125	12,602		
1981-82	7,573	7,801	13,051		
1982-83	12,676	12,197	13,545	86,559	1,00,846

(Health Statistics Punjab 1982, Series No. 3 Publication No. 55 p. 18-19, issued by Directorate of Health and Family Welfare Punjab, Chandigarh)

The particulars regarding the family welfare centres/clinics and maternity and child health centres are given in the following statements:—

List of Family Welfare Centres Clinics in the Ludhiana District as on 1 April 1983

Serial No.	Name/Place of Location	Block	Tahsil	Type of Management
1	2	3	4	5
Urban Family Welfare Centres				
1	Urban Family Welfare Centre, Lord Mahavira Civil Hospital, Ludhiana	—	Ludhiana	State Public
2	Urban Family Welfare Centre, Ludhiana	—	Do	Do
3	Urban Family Welfare Centre, Ludhiana	—	Do	Do
4	Urban Family Welfare Centre, Civil Hospital, Jagraon	—	Jagraon	Do
5	Urban Family Welfare Centre, Civil Hospital, Khanna	—	Khanna	Do
6	Urban Family Welfare Centre, Christian Medical College and Brown Memorial Hospital, Ludhiana	—	Ludhiana	Vol. Org.
7	Family Welfare Centre, Red Cross Society, Ludhiana	—	Ludhiana	Vol Org
8	Urban Family Welfare Centre, B.L. Kapoor Memorial Maternity Hospital, Ludhiana	—	Do	Do
9	Urban Family Welfare Centre, Field Ganj, Ludhiana	—	Do	Do
Rural Family Welfare Centres				
1	Rural Family Welfare Centre, Payal	Doraha	Khanna	State Public
2	Rural Family Welfare Centre, Kum Kalan	Mangat	Ludhiana	Do
3	Rural Family Welfare Centre, Malaud	Dehlon	Do	Do
4	Rural Family Welfare Centre, Pakhowal	Pakhowal	Do	Do
5	Rural Family Welfare Centre, Sahnewal	Ludhiana	Do	Do
6	Rural Family Welfare Centre, Manpur	Samrala	Samrala	Do
7	Rural Family Welfare Centre, Machhiwara	Machhiwara	Do	D
8	Rural Family Welfare Centre, Hathur	Jagraon	Jagraon	Do
9	Rural Family Welfare Centre, Sidhwan Bet	Sidhwan Bet	Do	Do
10	Rural Family Welfare Centre, Hambran	Do	Do	Do
11	Rural Family Welfare Centre, Gurusar Sudhar	Gurusar Sudhar	Do	Do

(Directory of Medical Institutions in Punjab State as on 1 April, 1983 Series No. 8, Publication No. 21 issued by Directorate of Health and Family Welfare, Punjab, Chandigarh)

List of Maternity and Child Health Centres in the Ludhiana District as on 1 April, 1983

Serial No.	Name and Place of Location	Rural/Urban	Name of Tahsil	Name of Block	Type of Management
1	2	3	4	5	6
1	Khanna	.. Urban	Khanna	—	State Public
2	Jagraon	.. Do	Jagraon	—	Do
3	Gill	.. Rural	Ludhiana	Ludhiana	Do
4	Bassian	.. Do	Jagraon	Gurusar Sudhar	Do
5	Model Town, Ludhiana	.. Urban	Ludhiana	—	Municipal
6	Muradpur, Ludhiana	.. Do	Do	—	Do
7	Jawahr Nagar, Ludhiana	.. Do	Do	—	Do
8	Krismain, Ludhiana	.. Do	Do	—	Vol. Org.
9	Islam Ganj, Ludhiana	.. Do	Do	—	Do
10	Harbanspura, Ludhiana	.. Do	Do	—	Do
11	Old Sabzi Mandi, Ludhiana	Do	Do	—	Do
12	School Health Clinic, Ludhiana	Do	Do	—	Do
13	Field Ganj, Ludhiana	.. Do	Do	—	Do
14	Jamalpur	.. Rural	Do	Ludhiana	Do
15	Lalton Kalan	.. Do	Do	Do	Do
16	Narangwal	.. Do	Do	Pakhowal	Do
17	Jodhan	.. Do	Do	Do	Panchayat Samiti

(Directorate of Medical Institutions in Punjab State as on 1 April, 1983 Series No. 8, Publication No. 21 issued by Directorate of Health and Family Welfare, Punjab, Chandigarh)

6 Statistics of Malaria, Filariasis, Smallpox, Eradication Projects

The statistics regarding collection and examination of blood slides, malaria cases, A.P.I., radical treatment of Malaria P.V. and P.F. cases in the Ludhiana District, during the years 1980 to 1982 are given below:

Blood Slides	1980	1981	1982
Collected	2,41,995	2,50,610	2,87,102
Examined	2,41,995	2,50,610	2,87,102
Malaria cases	23,020	22,050	14,673
A.P.I.	11.65	11.1	7.4
Radical Treatment	22,065	21,499	14,335
Population N.M.E.P.	19,75,166	19,75,766	19,80,781
P.V. cases	23,002	21,941	14,614
P.F. cases	18	109	59

(Health Statistics, Punjab, 1982, Series No. 3, Publication No. 55 p.p. 90-91 issued by Directorate of Health and Family Welfare, Punjab)

Primary vaccination and re-vaccination in the Ludhiana District during the years 1979 to 1982 are given below:

	1979	1980	1981	1982
Primary Vaccination	57,803	57,130	21,131	—
Revaccination	2,28,909	1,76,677	23,408	—
Total	2,86,712	2,33,807	44,539	—

(Health Statistics, Punjab, 1982, Series No. 3, Publication No. 55 p. 85 issued by Directorate of Health and Family Welfare, Punjab)

CHAPTER XVII

OTHER SOCIAL SERVICES

1 Table on Social and Industrial Legislation

The measures taken by the Government through legislation for the amelioration of the social condition of the people and labour enactments brought into force from 1966 to 1980, are given below:

- 1 Personal Injuries (Compulsory Insurance) Act, 1969
- 2 Contract Labour (Regulation and Abolition) Act, 1970
- 3 Payment of Gratuity Act, 1972
- 4 Equal Remuneration Act, 1976
- 5 Sales Promotion Employees (Condition of Services) Act, 1976
- 6 The Bonded Labour System (Abolition) Act, 1976
- 7 The Inter State Migrant Workers' (Regulation of Employment and Condition of Service) Act, 1979

According to the 1981 Census, the number of main workers in the Ludhiana District was 5,28,054, forming 29.26 per cent of the total population of the district. In 1982, the number of registered working factories in the Ludhiana District was 2,439 and the average number of workers employed in them was 68,944.

The following table gives particulars regarding the industrial disputes in the Ludhiana District under the Industrial Disputes Act, 1947, during 1978 to 1982:—

Year	Number of disputes raised	Number of strikes and lock-outs	Number of workers involved in strikes	Number of mandays lost
1978	..	2,644	17	891
1979	..	3,254	16	887
1980	..	3,340	32	5,722
1981	..	4,592	32	2,195
1982	..	4,521	18	5,117
				45,425

(Source: Labour Commissioner, Punjab, Chandigarh)

2 Statistics of Prohibition

On 31 March 1983, the number of country liquor vends in the district was 145 and that of foreign liquor vends was 116. The consumption of exciseable articles in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83, is given below:

Year	Country Spirit (Proof Litres)	Foreign Spirit (Proof Litres)	Beer (Bulk Litres)	Opium (kgs)
1966-67	.. 7,55,687	37,530	1,27,842	1.407
1971-72	.. 13,73,100	2,01,426	3,69,329	5.132
1976-77	.. 16,66,850	6,61,936	14,42,860	4.083
1977-78	.. 18,60,104	7,72,013	13,91,903	7.440
1978-79	.. 24,03,246	7,07,891	17,58,431	9.662
1979-80	.. 24,88,772	9,60,446	15,32,253	12.948
1980-81	.. 8,67,840	5,14,013	3,94,848	—(only of Ludhiana District-I)
1981-82	.. 19,20,786	11,78,432	11,16,476	17.885
1982-83	.. 24,25,000	18,44,169	11,31,529	14.364

(Source: Assistant Excise & Taxation Commissioner, Ludhiana-I)

The number of cases registered under these Acts in the district, during 1966-67, 1971-72 and 1976-77 to 1982-83, is given below:

Year	Number of cases registered		
	Excise Act	Opium Act	Total
1966-67	.. 1,506	236	1,742
1971-72	.. 3,810	247	4,057
1976-77	.. 2,310	956	3,266
1977-78	.. 1,952	748	2,700
1978-79	.. 1,971	920	2,891
1979-80	.. 2,019	907	2,926
1980-81	.. 2,494	600	3,094
1981-82	.. 2,119	996	3,115
1982-83	.. 2,284	1,070	3,354

(Source : Assistant Excise & Taxation Commissioner, Ludhiana-I)

3 Statistics of Aid given to Scheduled Castes

The State Welfare Department has implemented the following schemes for the uplift of the Scheduled Castes, Vimukt Jatis and Backward Classes :—

The amount of subsidies granted and the number of beneficiaries under the scheme—Construction of New Houses for Scheduled Castes and Vimukt Jatis in the Ludhiana District, during 1966-67, 1971-72 and 1976-77 to 1982-83, are given below:

Year	Amount disbursed (Rs)	No. of bene- ficiaries
1966-67	—	—
1971-72	900	1
1976-77	44,000	22
1977-78	1,10,000	55
1978-79	1,58,000	79
1979-80	1,70,000	85
1980-81	1,70,000	85
1981-82	96,000	48
1982-83	86,000	43
Scheduled Castes (Unclean)		
1966-67	5,400	6
1971-72	900	1
1976-77	1,38,000	69
1977-78	2,42,000	121
1978-79	2,68,000	134
1979-80	3,20,000	160
1980-81	3,00,000	150
1981-82	3,00,000	—
1982-83	20,40,000	102

(Source: District Welfare Officer, Ludhiana)

The amount of subsidies granted and the number of beneficiaries, i.e. persons settled on land under the purchase of Agricultural Land Scheme in the Ludhiana District, during 1966-67, 1971-72 and 1976-77 to 1982-83, are given below:

Year	Amount disbursed (Rs)	No. of bene- ficiaries
1966-67	14,000	7
1971-72	15,000	3
1976-77	85,000	17
1977-78	10,000	2
1978-79	20,000	4
1979-80	35,000	7
1980-81	15,000	3
1981-82	5,000	1
1982-83	—	—

(Source: District Welfare Officer, Ludhiana)

The amount of subsidies granted and the number of tube-wells, wells, sunk/repaired and hand pumps installed in the Ludhiana District, during 1966-67, 1971-72 and 1976-77 to 1982-83, are given below:

Year	Amount disbursed (Rs)	No. o tube- wells, wells sunk/repaired and hand pumps installed
1966-67	2,000	18
1971-72	22,350	107
1976-77	64,050	155
1977-78	40,300	73
1978-79	54,100	59
1979-80	30,000	60
1980-81	30,000	60
1981-82	49,900	73
1982-83	35,000	44

(Source: District Welfare Officer, Ludhiana)

The amount disbursed and the number of *dharamshalas* constructed in the Ludhiana District, during 1969-70, 1971-72 and 1976-77 to 1982-83, are given below:

Year	Amount disbursed (Rs)	No. of <i>dharamshalas</i> * constructed
1969-70	2,16,000	50
1971-72	4,67,500	120
1976-77	12,91,000	203
1977-78	2,00,000	34
1978-79	2,23,000	23
1979-80	2,10,000	33
1980-81	2,53,000	57
1981-82	2,25,500	41
1982-83	3,40,000	77

(Source : District Welfare Officer, Ludhiana)

The amount disbursed and the number of *basties* benefited under the Environmental Improvement of Harijan Bastis Scheme** in the Ludhiana District, during 1972-73 and 1976-77 to 1982-83 is given below :

Year	Amount disbursed (Rs)	No. of <i>bastis</i> benefited
1972-73	3,38,330	9
1976-77	8,67,097	6
1977-78	4,00,637	5
1978-79	5,38,998	9
1979-80	5,97,016	4
1980-81	7,50,200	6
1981-82	2,50,000	3
1982-83	15,16,337	11

(Source : District Welfare Officer, Ludhiana)

*The scheme was introduced during 1969-70.

**The scheme was introduced in 1972-73.

The amount disbursed as subsidy and the number of community centres* established in the Ludhiana District, during 1966-67 to 1973-74, are given below:

Year	Amount disbursed (Rs)	No. of Community centres established
1966-67	—	—
1967-68	—	—
1968-69	—	—
1969-70	2,000	1 (Dakha)
1970-71	2,000	1 (Hatur)
1971-72	2,000	1 (Khanna Khurd)
1972-73	2,000	1 (Dahmot)
1973-74	2,000	1 (Bhaira Munna)

(Source: District Welfare Officer, Ludhiana).

The amount disbursed and the number of persons benefited under the Purchase of Pigs Scheme in the Ludhiana District, during 1966-67 to 1973-74 are given below:—

Year	Amount disbursed (Rs)	No. of persons benefited
1966-67	4,000	5
1967-68	4,000	5
1968-69	3,200	4
1969-70	—	—
1970-71	4,000	5
1971-72	4,000	5
1972-73	5,600	7
1973-74	6,400	8

(The scheme was abolished in 1974-75)

(Source: District Welfare Officer, Ludhiana)

*No new community centre was established during 1974-75 to 1982-83. But 7 community centres were functioning prior to the year 1966-67 in addition to 5 newly opened community centres during 1969-70 to 1973-74

The amount disbursed and the number of Scheduled Castes persons benefited under the Legal Aid Scheme in the Ludhiana District, during 1966-67, 1971-72 and 1976-77 to 1982-83 are given below:

Year		Amount disbursed (Rs)	No. of persons benefited
1966-67	..	—	—
1971-72	..	450	2
1976-77 to 1981-82	..	—	—
1982-83	..	1,022	3

(Source: District Welfare Officer, Ludhiana)

The scheme regarding 'Free Distribution of Books' was started during 1976-77. The amount disbursed and the number of students benefited under this scheme, in the Ludhiana District, during 1977-78 to 1982-83, are given below:

Year		Amount disbursed (Rs)	No. of bene- ficiaries
1977-78	..	97,740	—
1978-79	..	1,17,597	—
1979-80	..	1,50,780	—
1980-81	..	2,59,049	13,073
1981-82	..	4,12,060	15,524
1982-83	..	5,45,435	19,925

(Source: District Welfare Officer, Ludhiana)

The amount disbursed and the number of families benefited under the Manural Pits Scheme, in the Ludhiana District, during 1981-82 to 1982-83 given below:

Year		Amount disbursed (Rs)	No. of beneficiaries
1981-82	..	68,000	152 families in 2 villages
1982-83	..	3,43,225	659 families in 4 villages

(Source: District Welfare Officer, Ludhiana)

Besides the above, the following schemes have also been started in the district.

Crech Centre.—The scheme-free of cost was started in December 1976 for the working couples. Every child in the Crech is provided with diet of Rs 1.25 daily.

Training-Cum-Production Centre.—The scheme was started in January 1977 at Bharan Colony and then shifted to Mangat. The training is provided to the girls and widows. The main items manufactured in the centre are *khes*, shawls and *khadi* articles.

4 Table on Charitable Trusts

The following table gives the number of public trusts, which were registered during 1970 to 1982:—

Serial No.	Nature of public trusts	Number of public trusts					
		Tahsil Ludhiana	Tahsil Jagraon	Tahsil* Samrala	Tahsil Khanna	Sub- tahsil Payal	Sub- tahsil Raikot
1	Purely religious	7	—	—	1	—	—
2	Educational	1	—	—	—	—	—
3	Rendering of other social services	26	—	—	—	1	—

Serial No.	Nature of public trusts	Number of public trusts					
		Tahsil Ludhiana	Tahsil Jagraon	Tahsil* Samrala	Tahsil Khanna	Sub-tahsil Payal	Sub-tahsil Raikot
4.	Partly religious and partly charitable ..	10	—	—	2	—	—
5.	Running of Dharamshalas— etc. ..	3	—	—	—	—	—
6	Medical ..	1	—	—	—	—	—
	Total ..	48	—	—	3	1	—

(Source: Sub-Registrars, Ludhiana, Samrala, Khanna, Jagraon, Payal and Raikot)

*Khalsa Guru Nanak Educational Trust, Samrala, was registered on 21 June 1983.

CHAPTER XVIII

Public Life and Voluntary Social Service Organizations

1 Delimitations of Constituencies

In accordance with the provisions of the Constitution, the number of seats allotted to each State in the House of the People and the State Vidhan Sabha and division of the State into territorial constituencies so allocated is required to be re-adjusted on the completion of each census. Accordingly on the completion of the 1971 Census, the Central Government constituted a Delimitation Commission in terms of the Delimitation Act, 1972 to make the desired adjustments.

According to the 1961 Census, the population of Punjab (present State area) was 1,11,35,069 including 26,86,541 members of Scheduled Castes. 13 Parliamentary seats, including 3 reserved for Scheduled Castes, and 104 Assembly seats, including 23 so reserved were provided. According to the 1971 Census, the population of the State was 1,35,51,060, which included 33,48,217 persons belonging to Scheduled Castes. After the census, 13 Lok Sabha seats, including 3 reserved, and 117 Assembly seats, including 29 reserved, were provided by the Delimitation Commission for Punjab. The constituencies delimited were finally notified by the Commission under its Order No 41, dated 24 May 1975 which was published in an extraordinary issue each of the Central and State Gazettes on 24 May 1975.

The details of the delimitation of constituencies in the Ludhiana District are given in the following tables:—

TABLE A
PARLIAMENTARY CONSTITUENCIES

Name of Constituency	Extent in terms of Assembly Constituencies
Ludhiana	.. 53—Jagraon, 55—Dakha (S.C.), 56—Qila Raipur, 57—Ludhiana North, 58—Ludhiana West, 59—Ludhiana East, 60—Ludhiana Rural, 61—Payal and 62—Kum Kalan (S.C.)

TABLE 9
ASSEMBLY CONSTITUENCIES

Name of Constituencies	Extent
Jagraon	.. Jagraon K.C. and P.Cs. 39—Agwar Pona, 40—Kalar, 57—Hans, 62—Agwar Dalla, 63—Dholan, 65—Rumi, 66—Akhara, 67—Dalla, 68—Dangian, 69—Rasulpur, 70—Deharke, 71—Bhammipura and 81—Mallah in Manuke K.C. in Jagraon Tahsil.
Raikot	.. Raikot K.C. and Manuke K.C. (excluding P.Cs. 39—Agwar Pona, 40—Kalar, 57—Hans, 62—Agwar Dalla, 63—Dholan, 65—Rumi, 66—Akhara, 67—Dalla, 68—Dangian, 69—Rasulpur, 70—Deharka, 71—Bhammi-pura and 81—Mallah) in Jagraon Tahsil.
Dakha (S.C.)	.. Dakha K.C. and P.Cs. 68—Lohara, 69—70 Gill No. I and II, 71—Dhandra, 72—Dad, 73—Laltonkalan, 74—Mansuran, 75—Dolon Kalan, 76—Bilah and 77—Jassowal in Gill K.C. in Ludhiana Tahsil and Swaddi Khas K.C. in Jagraon Tahsil.
Qila Raipur	.. Raipur and Pakhowal K.Cs. and P.Cs. 117—Khatra Chuhami, 118—Bhikhi Khatra, 119—Butahri, 120—Jhamat, 121—Siahar, 122—Dhaul Kalan, 132—Saharan Majra, 133—Kulahar, 134—Pohir and 135—Khera in Malaud K.C. in Ludhiana Tahsil.
Ludhiana North	.. Ward Nos. 1 to 7, 11, 12, 20 to 22, 46 and 47 in Ludhiana City.
Ludhiana West	.. Ward Nos. 23 to 32 and 34 to 37 in Ludhiana City.
Ludhiana East	.. Ward Nos. 8 to 10, 13 to 19, 33 and 43 to 45 in Ludhiana City.
Ludhiana Rural	.. Ward Nos. 38 to 42 in Ludhiana City, Ludhiana K.C. (excluding P.Cs. 19—Mattewara, 20—Kariana Kalan, 21—Hawas, 33—Shahabana and 34—Khasi Kalan) and Gill K.C. (excluding P.Cs. 68—Lohara, 69—70—Gill Nos. I and II, 71—Dhandra, 72—Dad, 73—Lalton Kalan, 74—Mansuran 75—Dolon Kalan, 76—Bilah and 77—Jassowal) in Ludhiana Tahsil.
Payal	.. Payal and Jarg K.Cs. and Malaud K.C. (excluding P.Cs. 117—Khatra Chuhami, 118—Bhikhi Khatra, 119—Butahri, 120—Jhamat, 121—Siahar, 122—Dhaul Kalan, 132—Saharan Majra, 133—Kulahar, 134—Pohir and 135—Khera Majra, 133—Kulahar, 134—Pohir and 135—Khera in Ludhiana Tahsil.
Kum Kalan (S.C.)	.. Kum Kalan K.C. and P.Cs. 19—Mattewara, 20—Kariana Kalan, 21—Hawas, 33—Shahabana and 34—Khasi Kalan in Ludhiana K.C. in Ludhiana Tahsil ; and Machhi-wara K.C. in Samrala Tahsil.
Samrala	.. Samrala K.C. and P.Cs. 48—Mansurpur, 49—Lakhanpur, 50—Faraur, 51—Khamanon Kalan, 52—Amrala, 53—Sanghol, 55—Bhambri and 56—Chari in Khamanon Kalan K.C. in Samrala Tahsil.
Khanna (S.C.)	.. Khanna Kalan K.C. and Khamanon Kalan K.C. (excluding P.Cs. 48—Mansurpur, 49—Lakhanpur, 50—Faraur, 51—Khamanon Kalan, 52—Amrala, 53—Sanghol, 55—Bhambri and 56—Chari) in Samrala Tahsil.

2 List of Newspapers

The particulars in respect of newspapers and periodicals published in the district as in 1980 are given in the following statement :—

Newspapers and periodicals published in the Ludhiana District as in 1980

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
DAILIES					
1	<i>Punjab Prout</i>	.. Ludhiana	1979	Punjabi	..
2	<i>Suraj</i>	.. Do	1970	Do	..
3	<i>Tarjman</i>	.. Do	1952	Do	..
4	<i>Bebas</i>	.. Do	1970	Urdu	..
5	<i>Ludhiana Express</i>	.. Do	1972	Do	..
6	<i>Ludhiana Post</i>	.. Do	1971	Do	[2,200
7	<i>Rohjan</i>	.. Do	1959	Do	..
8	<i>Sadaquat</i>	.. Do	1949	Do	1,536
9	<i>Samaj</i>	.. Do	1953	Do	3,028
10	<i>Young Leader</i>	.. Do	1974	Do	..
11	<i>Punjab Bulletin</i>	.. Do	1974	Urdu and Punjabi	..
WEEKLIES					
12	<i>Arya Sansakar</i>	.. Ludhiana	1968	Hindi	504
13	<i>Bhor</i>	.. Do	1972, 1974	Do	..
14	<i>Ekta Darshan</i>	.. Do	1975	Do	..
15	<i>Farbhat</i>	.. Do	1971	Do	..
16	<i>Punjab Reports</i>	.. Do	1977	Do	..
17	<i>Punjabi Sahitya</i>	.. Do	1978	Do	..
18	<i>Vineet</i>	.. Do	1972	Do	500
19	<i>Viney Vichar</i>	.. Do	1976	Do	..
20	<i>Aman</i>	.. Do	1972	Punjabi	..
21	<i>Badalta Zamana</i>	.. Do	1977	Do	..
22	<i>Dastkar</i>	.. Do	1940, 1955	Do	1925
23	<i>Desh Usari</i>	.. Do	1973	Do	1897
24	<i>Jio Aur Jine Do</i>	.. Do	1975, 1978	Do	..
25	<i>Lok Bhalae</i>	.. V.&P.O. Birk (Distt. Ludhiana)	1978	Do	1,000

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
26	Lok Darbar	V. & P.O. Birk (Dist. Ludhiana)	1978	Punjabi	..
27	Nirbhai Leader	Do	1976, 1977	Do	1,700
28	Nirbhai Yodha	Do	1950	Do	..
29	Nirmal Prakash	V. Kaunke Kalan (District Ludhiana)	1969	Do	500
30	Peeran	Ludhiana	1976	Do	..
31	Punjabi Patrika	Do	1969	Do	1,537
32	Punjabi Rattan	Do	1955	Do	1,892
33	Sanati Duniya	Do	1974	Do	..
34	Thanji	Do	1975	Do	..
35	Uttari Patrika	Do	1974	Do	..
36	Bharat Darpan	Do	1968	Urdu	..
37	Dast	Do	1970	Do	1,000
38	Dhol Ka Pol	Do	1978	Do	..
39	Dukh Aur Dard	Do	1979	Do	..
40	Hakayat	Do	1960	Do	..
41	Janta Milap	Do	1971	Do	1,900
42	Mang	Do	1974	Do	..
43	Mazdoor Sandesh	Do	1959, 1964	Do	..
44	National Front	Do	1965	Do	..
45	Nazrana	Do	1962	Do	1,800
46	Punjabi Shorak	Do	1969, 1977	Do	..
47	Roti	Do	1975	Do	..
48	Tauyan	Do	1972	Do	550
49	Young Blood	Do	1969	Do	..
50	Young Man	Do	1973	Do	..
51	Adarsh Punjab	Do	1965	Urdu & Hindi	..
52	Insaf Ka Mukka	Do	1970	Urdu & Hindi	..
53	Jag Naik	Doraha (District Ludhiana)	1974	Hindi & Punjabi	2,415

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
54	Left Out Look	Ludhiana	1975	Hindi & English	..
55	Nirbhai Sewak	Do	1967	Punjabi & English	12,310
56	Pradesh Congress	Do	1976	Urdu and Hindi	..
57	Vijay Kesri	Do	1979	Hindi & Punjabi	..
58	Janani Sewak	Do	1977	Punjabi, Hindi, English, Urdu	..
Do					
FORTNIGHTLIES					
59	Commercial Herald	Ludhiana	1978	English	..
60	Delegate (The)	Do	1974	Do	..
61	Kannoon Reporter	Do	1971	Do	210
62	Mass Struggle	Do	1978	Do	8,982
63	News Chronicle	Do	1963	Do	..
64	Ekta Darpan	Do	1976	Hindi	1,680
65	Film Industries	Do	1975	Do	277
66	Hosiery Today	Do	1975	Do	..
67	Liberty	Do	1967	Do	..
68	Press	Do	1971	Do	3,080
69	Gazette	Raikot, Mullanpur, Ludhiana	1977	Punjabi	..
70	Yug Parivartan	Ludhiana	1966	Do	..
71	Aya Toofan	Do	1965, 1967	Urdu	1,000
72	Ludhiana Tribune	Do	1979	Do	1,000
73	Majboor	Do	1976	Do	..
74	Vendor Samachar	Do	1975	Do	..
75	Raza-E-Haq	Do	1978	Punjabi and Urdu	..
76	Sew Auto Times	Do	1977	English and Punjabi	..

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
77	<i>Nishan Haq</i>	.. Ludhiana	1979	Hindi, Urdu, Punjabi and English	..
78	<i>Punjabi Sanatkar</i>	.. Do	1976	Urdu, Hindi and Punjabi	..
79	<i>Unity and Progress</i>	.. Do	1978	English, Hindi and Punjabi	..
MONTHLIES					
80	<i>Anti-Fascist</i>	.. Ludhiana	1976	English	..
81	<i>Barricade</i>	.. Do	1973	Do	..
82	<i>Fair Idea</i>	.. Do	1976	Do	1,550
83	<i>Hosiery and Textile Journal</i>	.. Do	1965	Do	1,500
84	<i>Industrial Voice</i>	.. Do	1960	Do	500
85	<i>Indus News</i>	.. Do	1977	Do	..
86	<i>P.A.U. News</i>	.. Do	1964	Do	1,475
87	<i>Pharmacy News</i>	.. Do	1964	Do	..
88	<i>Progressive Farming</i>	.. Do	1964	Do	1,672
89	<i>Sales Taxation Reports</i>	.. Do	1978	Do	310
90	<i>Rana</i>	.. Do	1978	Do	1,900
91	<i>Tax Fourm</i>	.. Do	1971	Do	..
92	<i>Taxes Today</i>	.. Do	1970	Do	..
93	<i>Trade Marks Reporter</i>	.. Do	1973	Do	..
94	<i>Abhilasha</i>	.. Do	1977	Hindi	..
95	<i>Atam Rashmi</i>	.. Do	1970	Do	1,700
96	<i>Bal Kung</i>	.. Do	1968	Do	..
97	<i>Sahitya Vandana</i>	.. Do	1976	Do	1,100
98	<i>Ubhar</i>	.. Do	1970	Do	..
99	<i>Ushma</i>	.. Do	1969	Do	..
100	<i>Vijayanand</i>	.. Do	1956	Do	..
101	<i>Ajunt</i>	.. Damdama Asthan Baba Sahib Singh Ji (District Ludhiana)	1970	Punjabi	1,000
102	<i>Anu</i>	.. Ludhiana	1975	Do	500

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
103	<i>Bazar Times</i>	.. Ludhiana	1979	Punjabi	500
104	<i>Ballo Charach</i>	.. Do	1971	Do	275
105	<i>Bharat Poultry Parchar</i>	.. Do	1979	Do	500
106	<i>Changi Kheti</i>	.. Do	1965, 1977	Do	..
107	<i>Deewat</i>	.. Do	1977	Do	..
108	<i>Gurmat Sedhan</i>	.. Do	1974	Do	1,500
109	<i>Hem Jyoti</i>	.. Do	1968	Do	..
110	<i>Horticultural Bulletin</i>	.. Do	1963	Do	625
111	<i>Lishkar</i>	.. Doraha (District Ludhiana)	1977	Do	..
112	<i>Lok Hak</i>	.. Ludhiana	1978	Do	6,708
113	<i>Manch</i>	.. V. & P.O. Butaheri (District Ludhiana)	1979	Do	133
114	<i>Mir</i>	.. Ludhiana	1975	Do	..
115	<i>Moortan</i>	.. Do	1973	Do	..
116	<i>Navlo</i>	.. Do	1976	Do	150
117	<i>Neel Shakti</i>	.. Do	1975	Do	..
118	<i>Pegham-E-Ayurved</i>	.. Jagraon	1977	Do	..
119	<i>Sanchar</i>	.. Ludhiana	1975	Do	..
120	<i>Sant Khalsa Sandesh</i>	.. Gurudwara Sidhsar, P.O. Nizampur (District Ludhiana)	1977	Do	..
121	<i>Sat Sandesh</i>	.. Ludhiana	..	Do	500
122	<i>Trinjan</i>	.. Do	1961	Do	2,400
123	<i>Dharam Prachar</i>	.. Do	1978	Urdu	250
124	<i>Halif</i>	.. Do	1966	Do	..
125	<i>Insaf Ka Mukka</i>	.. Do	1975, 1978	Do	..
126	<i>Paigam-I-Ayurved</i>	.. Jagraon	1976	Do	500
127	<i>Parwaz</i>	.. Ludhiana	1954	Do	1,216
128	<i>Wattan Dost</i>	.. Do	1966	Do	135
129	<i>Andodan</i>	.. Do	1968	Punjabi and English	..

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
130	<i>Divine Radiance</i>	.. Ludhiana	1973	Hindi and English	754
131	<i>Jaar</i>	Do	1976	English and Punjabi	..
132	<i>Jai Mata Veishnu Dev</i>	.. Do	1968	Hindi and Urdu	..
133	<i>Primary Teachers Voice</i>	.. Do	1979	Punjabi and English	500
134	<i>Punjab Vegetable Grower</i>	.. Do	1962, 1965	English and Punjabi	..
135	<i>Udyogic Jhalak</i>	.. Do	1976	English and Hindi	..
136	<i>Awaz-E-Karmchari</i>	.. Do	1978	..	1,000
137	<i>Common Voice</i>	.. Do	1975	English, Punjabi, Urdu and Hind	..
138	<i>Hospital Worker</i>	.. Do	1978	Punjabi, Hindi and English	..
139	<i>United Voice</i>	.. Do	1969	English, Hindi, Punjabi and Urdu	..
QUARTERLIES					
140	<i>Dream Girl</i>	.. Ludhiana	1975	English	..
141	<i>Journal of Research</i>	.. Do	1964, 1965	Do	322
142	<i>Tool Man</i>	.. Do	1978	Do	240
143	<i>Bhav Bodh</i>	.. Do	1974	Hindi	..
144	<i>Preetmani</i>	.. Do	1974	Do	..
145	<i>Alochana</i>	.. Do	1957	Punjabi	..
146	<i>Gurmat Rahini</i>	.. Do	1972	Do	..
147	<i>Parkh</i>	.. Do	1969	Do	150
148	<i>Sada Virsa Sada Gaurab</i>	.. Do	1976	Do	..
149	<i>Stage Kalakar</i>	.. Do	1974	Do	..
150	<i>Yub Rishman</i>	.. Do	1974	Do	687
BI-MONTHLIES AND HALF-YEARLIES, ETC.					
151	<i>Crop Improvement</i>	.. Ludhiana	1976	English	267
152	<i>Indian Journal of Ecology</i>	.. Do	1974	Do	505

PUBLIC LIFE AND VOLUNTARY SOCIAL SERVICE ORGANISATIONS

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
153	<i>Charak Charcha</i>	.. Ludhiana	1977	Hindi	1,200
154	<i>Hindustan Tax Reporter</i>	.. Do	1978	Do	240
155	<i>Kala-Roop</i>	.. V. Paproudim, 1974 P.O. Samrala (Distt. LDH)		Do	..
156	<i>Parinda</i>	.. Ludhiana	1977	Do	..
157	<i>Srishti</i>	.. Do	1977	Do	..
158	<i>Gurushiksh Vichar Dhara</i>	.. Do	1977	Punjabi and English	..
159	<i>Nirikshak</i>	.. Do	1978	Punjabi and English	..
BI-WEEKLIES					
160	<i>Punjab Cycle Samachar</i>	.. Ludhiana	1950	English and Hindi	500
WEEKLIES					
161	<i>Mahajan Pariwar</i>	.. Ludhiana	1973	Urdu	..
MONTHLIES					
162	<i>Excelsior News</i>	.. Ludhiana	1963	English	..
163	<i>Ghar Chal</i>	.. Khanna	1975	Hindi	..
164	<i>Public Astrological Magazine</i>	.. Ludhiana	1979	Do	1,944
165	<i>Vishva Shakti</i>	.. Do	1958	Urdu	..
166	<i>Aganwal Patrika</i>	.. Do	1959	Hindi and Urdu	437
167	<i>Jag Rajput</i>	.. Do	1977	Urdu and Punjabi	2,000
QUARTERLIES					
168	<i>Agatumnas</i>	.. College of Agriculture, Pb. Agri. University, Ludhiana	1971	English	..
169	<i>Gurusar</i>	.. G.S.H. Khalsa College, Gurusar, Sudhar (Distt. LDH)	1954	English, Hindi and Punjabi	1,000

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
170	<i>Hindi Di Chadar</i>	.. Guru Tegh Bahadur National College, (District LDH) Dakha	1973	English Punjabi and Hindi	..
MONTHLIES					
171	<i>Mahee</i>	.. Raikot (Distt. LDH)	1970	Punjabi, Hindi and English	..
172	<i>Nav Ranjit</i>	.. Gujranwala G.N. Khalsa College, Ludhiana	1954	English, Punjabi and Hindi	1,500
173	<i>Sutlej</i>	.. Govt. Higher Secondary School, Ludhiana	1930	English, Hindi, Punjabi & Urdu	2,500
B I—MONTHLIES AND HALF-YEARLIES, ETC.					
174	<i>College Bulletin</i>	.. A.S. College, Khanna	1967	English	..
175	<i>Scientist</i>	.. Sammti Govt. College of Science Education and Research, Jagraon	1970	Punjabi and English	..
176	<i>Aryan</i>	.. Arya College, Civil Lines, Ludhiana	1958	English, Hindi and Punjabi	100
177	<i>Kesar Kyari</i>	.. Guru Nanak Girls College, Model Town, Ludhiana	1972	English, Hindi and Punjabi	..
178	<i>Malwinder</i>	.. Malwa College, Bondhli, Samrala	1973	English, Hindi and Punjabi	450
179	<i>P.A.U. Magazine</i>	.. Ludhiana	..	English, Punjabi and Hindi	2,500
180	<i>Rashma</i>	.. Khalsa College, for Women, Ludhiana	1959	English, Hindi and Punjabi	1,800
181	<i>Sylvide</i>	.. Principal, Govt. College, Karamsar (Distt. LDH)	1971	Punjabi, English and Hindi	550
182	<i>Torch Bearer</i>	.. Malwa Training College, LDH	1957	English, Hindi, Punjabi and Urdu	300

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
183	<i>Udar</i>	.. Guru Nanak National College, Doraha (Distt. LDH)	1979	..	450
184	<i>Upasana</i>	.. S.D.P. College for Women, Ludhiana	1970	Hindi, Punjabi Sanskrit and English	500
ANNUALS					
185	<i>Christians Medicos</i>	.. Christian Medical College, Ludhiana	1955, 1965	English and Hindi	..
186	<i>Abhiroop</i>	.. Devki Devi Jain Memorial College for Women, Ludhiana	1976	English, Hindi and Punjabi	600
187	<i>Avastha</i>	.. A.S. College, for Women, Khanna	1974	Hindi, English, Punjabi and Sanskrit	..
188	<i>Chanan</i>	.. Govt. Higher Secondary School, Samrala	1967, 1976	English, Punjabi and Hindi	..
189	<i>Deepika</i>	.. Govt. College for Women, Ludhiana	1975, 1979	English, Punjabi and Hindi	1,400
190	<i>Gencomac</i>	.. Guru Nanak Engg. College, Ludhiana	1967	English, Hindi and Punjabi	1,500
191	<i>Govind Darpan</i>	.. V. Narangwal (Distt. LDH)	1977	Ditto	550
192	<i>Jyoti Prakash</i>	.. Arya College, Civil Lines, Ludhiana	1970	Ditto	..
193	<i>Lajpat Rai Memorial College Magazine</i>	.. L.R.M. College, Jagraon	1974	Ditto	1,300
194	<i>Mitipiri</i>	.. G.H.G. Kh. Trg. College, Gurus. r Sudhar (Distt. LDH)	1965	Ditto	260

Serial No.	Name of periodical	Place of publication	Year when started	Language	Circulation
195	<i>Path Deep</i>	.. Jain Girls H.S ec. School, Ludhiana	1969, 1976	English, Hindi and Punjabi	..
196	<i>Sapta Saroja</i>	.. A.S. College, Khanna	1979	Hindi, Punjabi, English and Sanskrit	..
197	<i>Sidhsar</i>	.. B.S.S.C. Khalsa College, Sidhsar, P.O. Nizampur (Distt. LDH)	1972	English, Punjabi and Hindi	250
198	<i>Trel Tupke</i>	.. Govt. J.B.T. Institute, Jagraon	1976	English, Hindi and Punjabi	..
199	<i>Trigun</i>	.. G.G.N. Khalsa College, Ludhiana	1972	English, Punjabi and Hindi	400
200	<i>Udesh</i>	.. Govt. Hr. Sec. School, Ludhiana	1969	Punjabi, Hindi and English	..

[Press in India, 1980, 24th Annual Report of the Registrar of Newspapers for India under the Press and Registration of Books Act, Part II, (Delhi 1981), pp 677-734]

3 List of Voluntary Social Service Organisations

The main functions of these organisations are: to mitigate human sufferings, prevention of disease, family planning work, opening of maternity and child welfare centres, to provide first-aid, home nursing and ambulance services; to open *balwaris*; to open institutions for development of rural women and children; to help mentally retarded children and for their feeding and education; to provide education to deaf and dumb children; to promote cultural activities, etc. Rotary clubs/lion clubs/Jaycee clubs, provide community services such as free eye operation camps, blood donations, children Health check-up, etc. The detailed list of such voluntary social service organisations existing in Ludhiana District are given below:

Number

- 1 All India Sewa Samiti (Northern Branch), Ludhiana
- 2 Arogya Sewa Kainder, Village and Post Office, Bhattian Bet

- 3 Bharat Naterheen Sewak Samaj, Ludhiana
- 4 Bhartiya Grameen Mahila Samiti, Ludhiana
- 5 Christian Fellowship Centre Rehabilitation Centre, Ludhiana
- 6 District Council for Child Welfare, Ludhiana
- 7 Indian Red Cross Society (Ludhiana Branch), Ludhiana
- 8 Kasturba Gram Sewa Kendra, Bhattian Bet
- 9 Kusht Ashram Leprosy Colony, Ludhiana
- 10 Lajpat Rai Kusht Ashram, Jagraon
- 11 Punjab Istri Sabha, Ludhiana
- 12 Radha Krishna Samiti, Ludhiana
- 13 Rashtriya Bal Vidya Mandir School, Ludhiana
- 14 Red Cross Children Home, Ludhiana
- 15 Shastri Sewa Samiti, Ludhiana
- 16 Sushila Kasturba Gram Kendra, P.O. Akalgarh (Sudhar)
- 17 Youngmen Welfare Society, Ludhiana
- 18 Rotary Clubs, Ludhiana 2
- 19 Lions Clubs, Ludhiana 9
- 20 Jaycees Clubs, Ludhiana 4
- 21 Inner Wheel Clubs, Ludhiana 2
- 22 Laxmi Ladies Club, Ludhiana
- 23 Lioness Clubs, Ludhiana
- 24 Punjab Kala Mandir, Ludhiana
- 25 Association of Social Health (District Branch), Ludhiana
- 26 Education Society for Deaf and Dumb Children, Ludhiana
- 27 Theatres Devotees, Ludhiana
- 28 Rotary Club, Khanna

- 29 Lion Club, Khanna
- 30 Leo Club, Khanna
- 31 Area Welfare Committees, Khanna
- 32 Youth Welfare Club, Khanna
- 33 Youth Welfare Club, Khanna Khurd
- 34 Youth Welfare Club, Rajewal (Tahsil Khanna)
- 35 Youth Welfare Club, Bhadla, Tahsil Khanna
- 36 Youth Welfare Club, Ramgarh, Tahsil Khanna
- 37 Youth Welfare Club, Ismailpur, Tahsil Khanna
- 38 Youth Welfare Club, Dholewal, Tahsil Khanna
- 39 Samaj Bhalai Sabha, Rasulra, Tahsil Khanna
- 40 Red Cross Club, Khanna
- 41 Ladies Club, Khanna
- 42 Orion Club, Jagraon
- 43 Rotary Club, Jagraon
- 44 Lions Club, Jagraon
- 45 Rotary Club, Raikot

4* General and Bye-Election Results

The results of the Lok Sabha and Vidhan Sabha seats in the Ludhiana District (after the Fourth General Elections, 1967) are given in the following statement :—

Year	Total constituencies in the district	*INC (I)	*SAD	Janata Party	*CPI	*CPI (M)	Independents	*INC (U)	*JNP (S)
(a) Lok Sabha :									
1971	1	1	—	—	—	—	—	—	—
1977	1	—	1	—	—	—	—	..	—
1980	1	1	—	—	—	—	—	..	—

PUBLIC LIFE AND VOLUNTARY SOCIAL SERVICE ORGANISATIONS

Year	Total constituencies in the district	*INC (I)	SAD	Janata Party	*CPI	*CPI (M)	Independents	*INC (U)	*JNP (S)
(b) State Legislature									
1969 (Mid-term)	10	3	6	—	—	—	1	—	—
1972	10	5	5	—	—	—	—	—	—
1977	12	2	7	2	—	1	—	—	—
1980	12	9	2	—	—	1	—	—	—

(Reports on the General Elections to the Lok Sabha and Punjab Vidhan Sabha 1969, 1972, 1977 & 1980)

- *INC(I) = Indian National Congress (I)
- *SAD = Shiromani Akali Dal
- *CPI = Communist Party of India
- *CPI(M) = Communist Party of India (Marxist)
- *INC (U) = Indian National Congress (U)
- *JNP(S) = Janata Party (Secular)

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