

APPENDICES

Appendix A: Estimates of Households Average Monthly Income for Various Periods

On an overall basis, average annual income during the study period is Rs. 82132, reflecting an increased of Rs. 33304 or 33.7 percent during year 2001-02 (Year 2000-01: Rs. 98784 Vs Year 2001-02:Rs. 65480-**Table Aa1**). This increase is mainly due to the higher crop incomes during Rabi 2 (as discussed above). The same table shows that average annual income of irrigated area is 6.7 percent higher as compared to rainfed area, whereas the average annual income of farmer households is higher by 51.4 percent when compared with non-farmers, while annual income in improved areas is 14.1 percent higher as compared to incomes in un-improved areas. However, the average annual income of perennial areas is lower by 8.5 percent as compared to non-perennial areas during the study period. Further, seasonal patterns show that Rabi-2 income is significantly higher than Rabi-1 income. Figure **Aa1-Aa6** present estimates of household income for various time scales. Results show that average annual income on improved watercourses is higher than unimproved watercourses, and this holds for both years (**Figure Aa5**).

Table Aa1: Estimates of Households Average Monthly Income for Various Periods

Monthly Income(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated All	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	25427	20840	27901	20963	23278	19588	26018	22757	23796	27901	20900	23807
Kharif 2001	41018	37648	48590	39246	41887	23605	51143	36185	47545	48590	38438	41673
Rabi 2001-02	46048	61968	63096	60329	61816	29549	72815	52352	71209	63096	61158	57937
Kharif 2002	43322	44787	36509	38858	40040	24219	49563	43016	37087	36509	41857	40848
Average Rabi	35738	41404	45498	40646	42547	24569	49417	37554	47502	45498	41029	40872
Average Kharif	42170	41217	42549	39052	40963	23912	50353	39600	42316	42549	40147	41260
Year 2000-01	66445	58488	76491	60209	65165	43193	77161	58941	71341	76491	59338	65480
Year 2001-02	89370	106755	99605	99187	101856	53768	122378	95368	108296	99605	103015	98784
Average Annual	77908	82621	88048	79698	83511	48481	99770	77154	89819	88048	81177	82132

Figure Aa1: Household Average Seasonal Income Across Strata (4 Seasons)

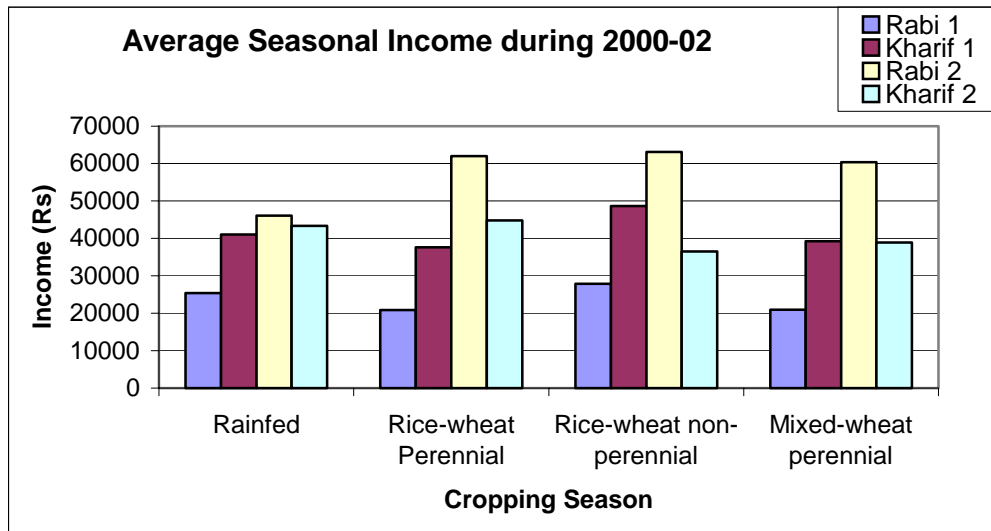


Figure Aa2: Household Average Seasonal Income -- Improved Vs Un-improved

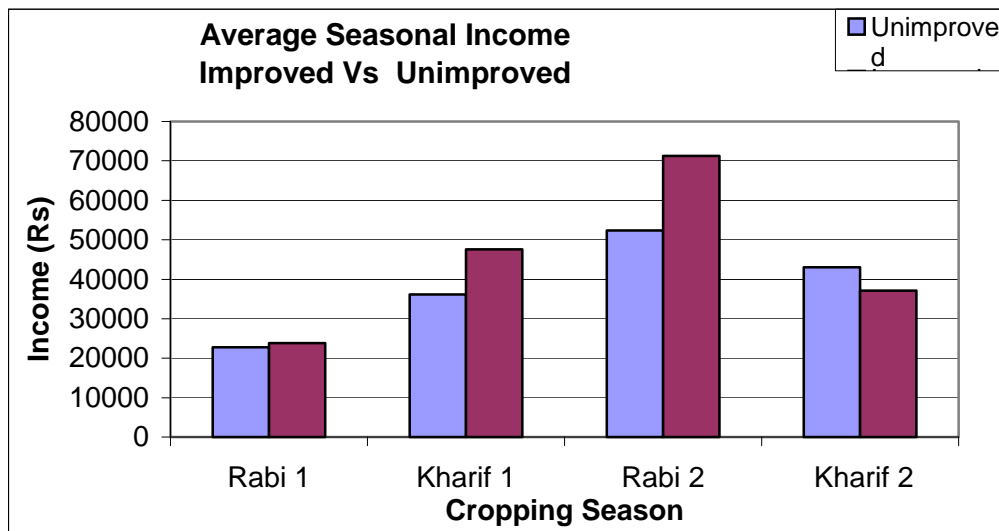


Figure Aa3: Household Average Seasonal Income Across Strata (2 Seasons)

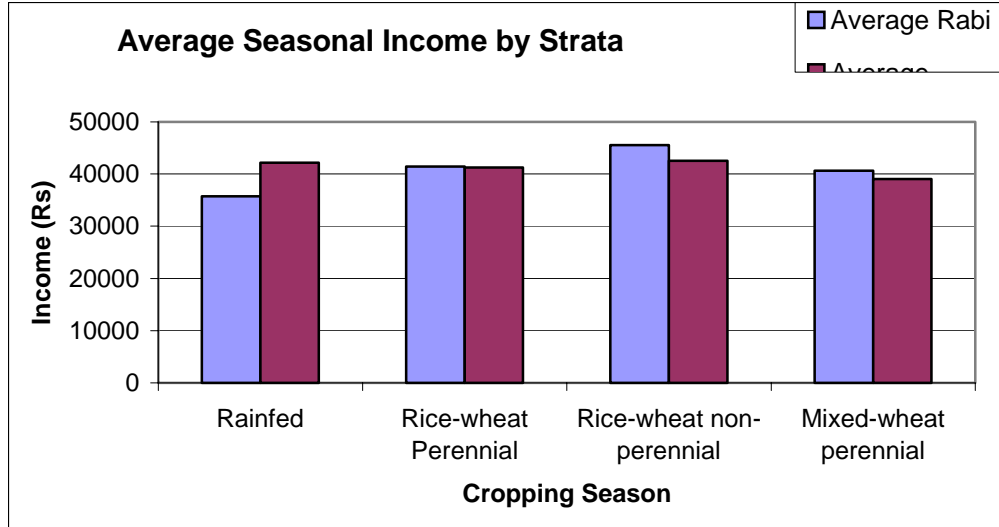


Figure Aa4: Household Average Seasonal Income -- Improved Vs Un-improved

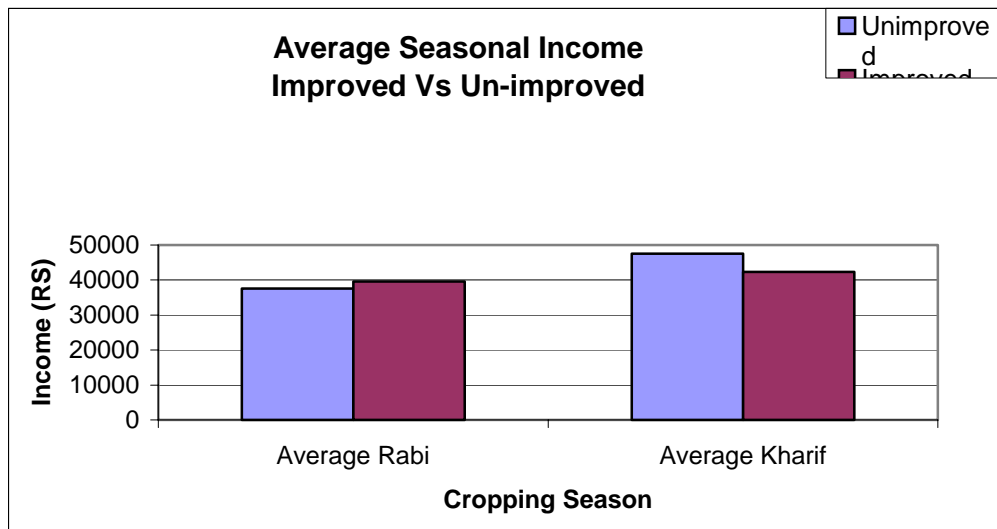


Figure Aa5: Household Average Annual Income Across Strata (2 Years)

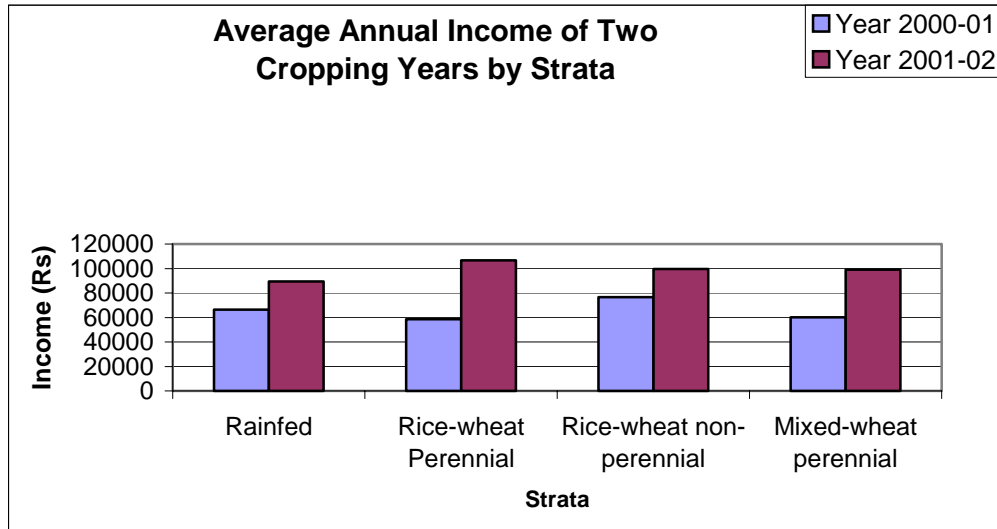
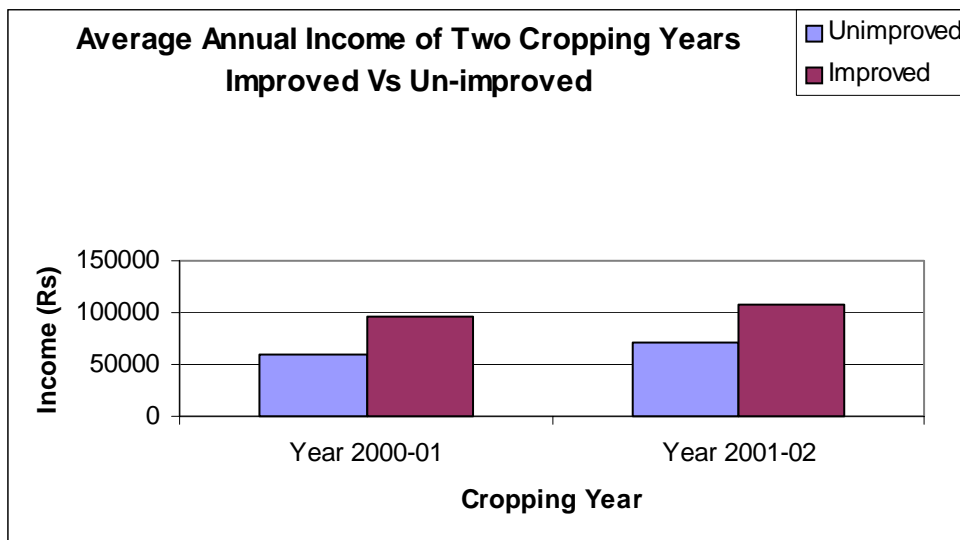


Figure Aa6: Household Average Annual Income -- Improved Vs Un-improved



Decomposition of Household Monthly Income into Farm, Non-farm and Transfer Income Components:

Monthly farm income includes crop income and non-crop farm income. Crop income comprises of net income from all crop production activities. Gross value of product and total cost of production is calculated for each crop and finally total cost of crop production is deducted from the gross value of output to arrive at the net incomes from crop production. Non-crop farm income includes income from livestock (sales and purchases) and livestock products (gross income) and income from rental of agricultural assets (farm machinery etc). Monthly net crop income is estimated by allocating production costs over the crop growing months and allocating gross value of product over the harvesting months (for instance, costs of wheat production is distributed over the period from November – May, while GVP is distributed over May to June). Estimates of income for various income categories, time scales, and household types are reported in **Tables Ab1 to Ab9** and **Figures Ab1 to Ab5**.

Table Ab1 gives estimates of monthly farm incomes. On an overall basis, the average monthly farm income from all strata is Rs. 359 representing the highest average monthly income (Rs. 640) for rice-wheat non-perennial block followed by rainfed area (Rs. 630). The lowest average monthly income is observed in mixed-wheat perennial block, which is Rs. – 71. On an average, the annual farm income stood at Rs. 4312 for all strata reflecting the same maximum and minimum trends among the four strata. An analysis of improved and unimproved categories the results show that average monthly farm income of sample households located at improved channels (Rs. 154) is less than half of the income (i.e., Rs. 385) of sample households located at unimproved water channels. A perusal of farm income patterns shows that:

- Farm income remained more or less in negative figure among all strata and categories during the months of December, June, August, September, October and November with the following exceptions;
- Average monthly farm income of non-farmers remained positive throughout the year ranging from Rs. 197 to Rs. 272 per month,
- During June average monthly farm income for rice-wheat non-perennial is positive and high as compared to other three strata. During September, October and November average monthly farm income is positive in case of rainfed area.
- Average monthly income is maximum in the month of May followed by July and rice-wheat non-perennial is the area where monthly farm income is the highest following mixed-wheat perennial, rice-wheat perennial and rainfed areas during these two months.

Table Ab1 Estimates of Average Farm Incomes across Strata

Monthly Income (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
December 2000	-1997	-4691	-5058	-5541	-5093	200	-6706	-4936	-5248	-5058	-5111	-4331
January 2001	242	20	1019	-513	185	202	198	116	255	1019	-243	199
February 2001	589	198	448	-601	22	202	140	94	-48	448	-197	162
March 2001	597	188	191	-225	54	202	181	130	-20	191	-16	188
April 2001	768	677	803	321	604	201	876	661	547	803	501	644
May 2001	3050	6711	10808	7754	8443	202	10740	7972	8910	10808	7227	7116
June 2001	3007	5581	7754	6460	6606	270	8577	6569	6643	7754	6015	5721
July 2001	-147	-2368	-4417	-2913	-3242	249	-3911	-2551	-3927	-4417	-2638	-2480
August 2001	657	-511	-1436	-698	-886	253	-905	-483	-1286	-1436	-603	-507
September 2001	770	-864	-2274	-1386	-1513	250	-1581	-1039	-1984	-2274	-1122	-951
October 2001	984	-667	-1951	-1028	-1221	257	-1169	-730	-1709	-1951	-846	-679
November 2001	6241	16295	35808	28546	26921	263	33138	19892	33898	35808	22350	21833
December 2001	956	4616	18935	18127	13889	291	16167	11299	16460	18935	11294	10707
January 2002	478	770	3825	3537	2710	304	3135	2101	3315	3825	2137	2161
February 2002	593	1054	2390	2093	1847	312	2181	1487	2204	2390	1567	1538
March 2002	536	770	798	238	606	317	731	595	617	798	508	589
April 2002	776	1331	1184	1790	1431	411	1720	1205	1655	1184	1558	1270
May 2002	3335	6425	9621	9479	8507	506	10761	7404	9602	9621	7934	7235
June 2002	3293	4583	5369	7000	5639	369	7521	5530	5747	5369	5778	5062
July 2002	-272	-2206	-4707	-3194	-3378	238	-4109	-2496	-4254	-4707	-2695	-2614
August 2002	559	-215	-1366	-445	-681	264	-711	-180	-1178	-1366	-328	-376
September 2002	637	-652	-2285	-1300	-1418	251	-1523	-829	-2003	-2285	-972	-913
October 2002	793	-335	-1835	-990	-1058	261	-1056	-466	-1646	-1835	-658	-603
November 2002	3926	9744	22503	19870	17383	342	21268	14878	19868	22503	14749	14072
Average Monthly Income (2000-02)	1266	1936	4005	3599	3182	276	3986	2759	3601	4005	2758	2710
Average Annual Income (2000-02)	15192	23232	48060	43188	38184	3312	47832	33108	43212	48060	33096	32520

Figure Ab1: Household Average Monthly Farm Income Across Strata (24 Months)

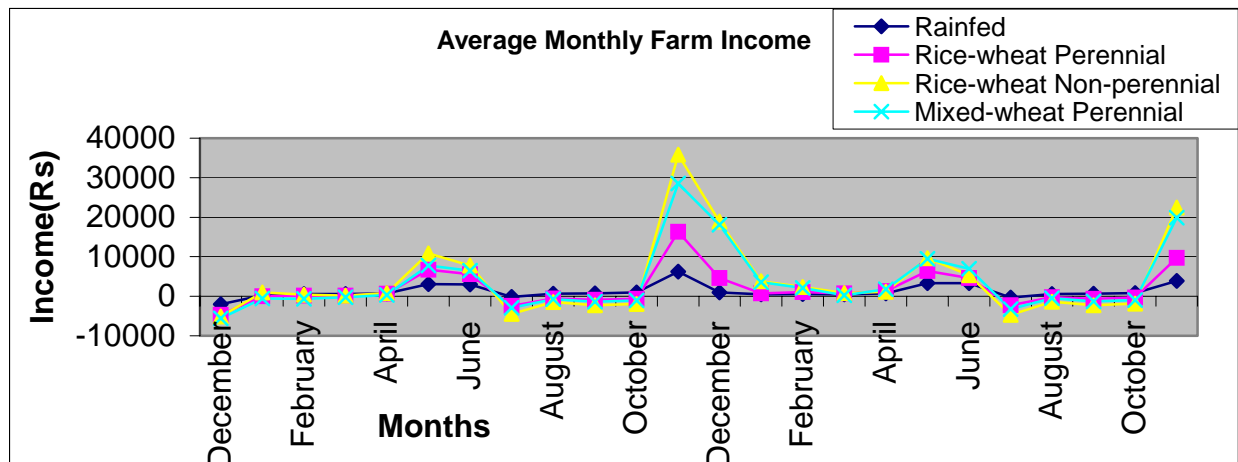


Table Ab2: Estimates of Average Farm Incomes across Strata

Monthly Income (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Average December	-520	-37	6939	6293	4398	246	4730	3181	5606	6939	3091	3188
Average January	360	395	2422	1512	1448	253	1666	1108	1785	2422	947	1180
Average February	591	626	1419	746	935	257	1161	790	1078	1419	685	850
Average March	567	479	495	7	330	259	456	362	298	495	246	388
Average April	772	1004	994	1056	1017	306	1298	933	1101	994	1030	957
Average May	3193	6568	10214	8616	8475	354	10751	7688	9256	10214	7580	7176
Average June	3150	5082	6562	6730	6122	319	8049	6050	6195	6562	5896	5391
Average July	-209	-2287	-4562	-3054	-3310	244	-4010	-2524	-4091	-4562	-2666	-2547
Average August	608	-363	-1401	-571	-784	259	-808	-331	-1232	-1401	-466	-441
Average September	704	-758	-2279	-1343	-1466	251	-1552	-934	-1993	-2279	-1047	-932
Average October	888	-501	-1893	-1009	-1140	259	-1112	-598	-1678	-1893	-752	-641
Average November	5084	13020	29155	24208	22152	302	27203	17385	26883	29155	18549	17952
Average Monthly Income (2000-02)	1266	1936	4005	3599	3182	276	3986	2759	3601	4005	2758	2710
Average Annual Income (2000-02)	15192	23232	48060	43188	38184	3312	47832	33108	43212	48060	33096	32520

Table Ab3: Estimates of Average Farm Incomes across Strata

Monthly Income (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	3246	3102	8214	1194	4218	1212	5430	4038	4392	8214	2160	3978
Kharif 2001	11514	17466	33486	28980	26664	1542	34152	21660	31632	33486	23154	22938
Rabi 2001-02	6678	14964	36756	35262	28992	2142	34698	24090	33852	36756	24996	23502
Kharif 2002	8934	10920	17676	20940	16488	1728	21390	16440	16536	17676	15870	14628
Average Rabi	4962	9036	22482	18228	16602	1674	20064	14064	19122	22482	13578	13740
Average Kharif	10224	14190	25584	24960	21576	1632	27768	19050	24084	25584	19512	18780
Year 2000-01	14760	20568	41700	30180	30876	2748	39576	25692	36024	41700	25320	26916
Year 2001-02	15612	25884	54432	56208	45480	3864	56088	40524	50388	54432	40872	38124
Average Annual	15192	23232	48060	43188	38184	3312	47832	33108	43212	48060	33096	32520

Monthly non farm income comprises wage income and income from all other sources except transfer and farm incomes. Wage incomes include income from wage earnings obtained from primary and secondary occupations of all working members of the households who worked outside of their own farms, while other income includes income from self-employment activities (gross income), income from interest, lotteries, and gifts, etc.

Monthly distribution of non farm income is shown in Table 2 and Figure 3. Monthly incomes between December and May are constant in all strata. Data on income is obtained only on a seasonal basis in the first survey. Thus, the total non-farm income for the Rabi season (December to May), is divided by six to obtain monthly income for this period. Similarly, again the total non-farm income for the Kharif season (June to November) is divided by six to arrive at the monthly income for the period from June to November. Monthly non-farm income remained the same between December and May and increased sharply during June and remained the same till November in all strata.

Data in **Table Ab4** shows that monthly non-farm income is the highest in the rainfed area as compared to the remaining strata throughout the year, which might be due to the fact that most of the household members of this area were engaged in government as well as private services.. An analysis of irrigated strata shows that during the Rabi season (December to May), the sampled households in mixed wheat strata earned the highest from non farm sources followed by rice wheat non-perennial and rice wheat perennial. The reason is that during wheat harvesting more household members earned wages from wheat harvesting. The situation is exactly the reverse during Kharif season (June to November) where the households of rice wheat perennial earned the highest non-farm income as compared to the remaining two irrigated blocks.

Table Ab4: Estimates of Average Monthly Non-farm Incomes across Strata

Monthly Income (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
December 2000	2017	1116	1705	1790	1536	2736	1087	1634	1439	1705	1449	1654
January 2001	2020	1118	1708	1793	1538	2740	1089	1636	1441	1708	1451	1657
February 2001	2021	1119	1709	1794	1540	2743	1090	1638	1443	1709	1453	1658
March 2001	2012	1113	1701	1786	1532	2730	1085	1630	1436	1701	1446	1650
April 2001	2005	1110	1695	1780	1527	2720	1081	1624	1431	1695	1441	1645
May 2001	2014	1115	1703	1788	1534	2733	1086	1632	1437	1703	1447	1652
June 2001	3598	1697	1625	999	1445	3420	1217	1584	1306	1625	1352	1974
July 2001	3346	1578	1511	929	1343	3180	1132	1473	1215	1511	1257	1836
August 2001	3336	1574	1506	926	1339	3171	1128	1468	1211	1506	1254	1831
September 2001	3329	1570	1503	924	1337	3164	1126	1465	1209	1503	1251	1827
October 2001	3368	1589	1521	935	1352	3201	1139	1482	1223	1521	1265	1848
November 2001	3401	1604	1536	944	1365	3232	1150	1497	1235	1536	1278	1866
December 2001	4723	4295	2359	2085	2916	3909	3073	2128	3699	2359	3203	3361
January 2002	4715	4288	2355	2082	2912	3903	3068	2124	3693	2355	3198	3355
February 2002	4706	4280	2351	2078	2906	3896	3063	2120	3686	2351	3192	3349
March 2002	4647	4226	2321	2052	2869	3846	3024	2094	3639	2321	3151	3307
April 2002	4631	4211	2313	2045	2859	3833	3013	2086	3626	2313	3140	3295
May 2002	4636	4216	2316	2047	2863	3837	3017	2089	3631	2316	3144	3299
June 2002	3074	2195	1663	1838	1898	3314	1597	1787	2008	1663	2018	2187
July 2002	3028	2163	1639	1810	1870	3265	1573	1760	1978	1639	1988	2155
August 2002	2979	2127	1612	1781	1839	3212	1547	1731	1946	1612	1956	2120
September 2002	2962	2115	1603	1770	1828	3193	1538	1721	1935	1603	1945	2107
October 2002	2946	2104	1594	1761	1819	3176	1530	1712	1925	1594	1934	2096
November 2002	2974	2124	1609	1778	1836	3206	1545	1728	1943	1609	1953	2116
Average Monthly Income (2000-02)	3270	2277	1798	1646	1909	3265	1708	1744	2072	1798	1965	2244
Average Annual Income (2000-02)	39245	27323	21578	19757	22902	39180	20499	20922	24868	21578	23583	26923

Table Ab5: Estimates of Average Monthly Non-farm Incomes across Strata

Monyhly Income (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Average December	3370	2706	2032	1938	2226	3323	2080	1881	2569	2032	2326	2508
Average January	3368	2703	2031	1937	2225	3322	2079	1880	2567	2031	2325	2506
Average February	3364	2699	2030	1936	2223	3319	2076	1879	2564	2030	2322	2504
Average March	3329	2669	2011	1919	2201	3288	2054	1862	2537	2011	2298	2478
Average April	3318	2660	2004	1912	2193	3277	2047	1855	2529	2004	2291	2470
Average May	3325	2665	2009	1917	2198	3285	2051	1860	2534	2009	2296	2476
Average June	3336	1946	1644	1418	1671	3367	1407	1685	1657	1644	1685	2081
Average July	3187	1871	1575	1369	1607	3222	1352	1616	1597	1575	1623	1995
Average August	3158	1851	1559	1353	1589	3191	1338	1600	1579	1559	1605	1975
Average September	3145	1843	1553	1347	1583	3179	1332	1593	1572	1553	1598	1967
Average October	3157	1846	1557	1348	1585	3188	1335	1597	1574	1557	1600	1972
Average November	3187	1864	1572	1361	1601	3219	1347	1613	1589	1572	1615	1991
Average Monthly Income (2000-02)	3270	2277	1798	1646	1909	3265	1708	1744	2072	1798	1965	2244
Average Annual Income (2000-02)	39245	27323	21578	19757	22902	39180	20499	20922	24868	21578	23583	26923

Table Ab6: Estimates of Average Seasonal Non-farm Incomes across Strata

Monyhly Income (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	12089	6691	10220	10731	9208	16402	6518	9793	8628	10220	8687	9917
Kharif 2001	20379	9613	9201	5656	8182	19369	6892	8970	7399	9201	7657	11183
Rabi 2001-02	28059	25515	14015	12389	17325	23224	18258	12641	21973	14015	19028	19966
Kharif 2002	17963	12828	9720	10738	11090	19365	9330	10440	11735	9720	11795	12781
Average Rabi	20074	16103	12118	11560	13266	19813	12388	11217	15300	12118	13858	14941
Average Kharif	19171	11220	9461	8197	9636	19367	8111	9705	9567	9461	9726	11982
Year 2000-01	32468	16303	19422	16387	17390	35770	13410	18763	16027	19422	16345	21100
Year 2001-02	46022	38342	23735	23126	28415	42589	27588	23081	33708	23735	30822	32747
Average Annual	39245	27323	21578	19757	22902	39180	20499	20922	24868	21578	23583	26923

Transfer income includes all income transfers from government and private sectors, relatives and friends from inside or outside the country. Monthly transfer income of all strata and categories remained constant between December and May. This is due to the way this income is calculated. The highest transfer income is observed in the rice wheat perennial area and the lowest in the mixed wheat perennial area. The second highest transfer income is in the rainfed area followed by rice wheat non-perennial area. High transfer incomes in rice wheat perennial area suggest that this is due to the necessity, as the income from other farm and non farm sources is lower in this area. Furthermore, in rice wheat perennial area, the bulk of the transfers came from relatives working outside, because this area is more developed, with better education facilities and greater opportunities for obtaining permanent jobs. Rainfed area also had higher levels of transfer incomes throughout the year which is due to the fact that bulk of the population is serving in the army, and majority of the remaining were serving abroad due to small size of landholdings and reliance of farming on rain water. Mixed wheat perennial area had the lowest transfer as well as farm income but the second highest non-farm income suggesting that the area is relatively backward and having less education and other facilities.

Monthly transfer income patterns show that farm households in the rice wheat perennial and rainfed area had the highest transfer income followed by non-farm households. With the exception of non farmers all other categories had the higher transfer income throughout the year especially during the period between December and May.

Table Ab7: Estimates of Average Monthly Transfer Incomes across Strata

Monthly Income (Rs)	Rainfed	Rice-wheat perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
December 2000	1683	1842	1579	1507	1644	330	2347	1489	1797	1579	1677	1653
January 2001	1686	1845	1582	1510	1646	330	2351	1492	1800	1582	1680	1656
February 2001	1687	1847	1583	1511	1648	331	2353	1493	1802	1583	1681	1657
March 2001	1679	1838	1576	1504	1640	329	2342	1486	1793	1576	1673	1650
April 2001	1673	1832	1571	1499	1634	328	2334	1481	1787	1571	1667	1644
May 2001	1681	1840	1578	1506	1642	329	2344	1487	1795	1578	1675	1651
June 2001	1612	1866	1042	814	1243	476	1783	981	1503	1042	1346	1334
July 2001	1499	1735	969	757	1156	442	1658	912	1398	969	1252	1240
August 2001	1494	1730	967	755	1153	441	1654	910	1393	967	1248	1237
September 2001	1491	1727	965	753	1150	440	1650	908	1391	965	1246	1234
October 2001	1508	1747	976	762	1163	445	1669	918	1407	976	1260	1248
November 2001	1523	1764	985	770	1175	450	1686	927	1421	985	1272	1261
December 2001	1904	3617	2075	2134	2609	704	3343	2629	2589	2075	2884	2436
January 2002	1901	3611	2072	2130	2605	703	3338	2625	2585	2072	2879	2432
February 2002	1898	3604	2068	2126	2600	702	3332	2620	2580	2068	2874	2427
March 2002	1874	3559	2042	2099	2567	693	3289	2587	2547	2042	2837	2396
April 2002	1867	3546	2035	2092	2558	690	3278	2578	2539	2035	2827	2388
May 2002	1869	3550	2037	2094	2561	691	3282	2581	2542	2037	2831	2391
June 2002	2811	3601	1559	1229	2133	536	3224	2762	1509	1559	2428	2300
July 2002	2769	3547	1536	1210	2101	528	3177	2721	1487	1536	2392	2266
August 2002	2724	3489	1511	1191	2067	519	3125	2676	1462	1511	2353	2229
September 2002	2708	3469	1502	1184	2055	516	3107	2661	1454	1502	2340	2216
October 2002	2693	3450	1494	1177	2044	513	3090	2647	1446	1494	2327	2204
November 2002	2719	3483	1508	1189	2063	518	3119	2672	1460	1508	2349	2225
Average Monthly Income (2000-02)	1956	2673	1534	1396	1869	499	2620	1927	1812	1534	2042	1891
Average Annual Income (2000-02)	23472	32076	18408	16752	22428	5988	31440	23124	21744	18408	24504	22692

Table Ab8: Estimates of Average Monthly Transfer Incomes across Strata

Monthly Income (Rs)	Rainfed	Rice-wheat perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Average December	1794	2730	1827	1821	2126	517	2845	2059	2193	1827	2280	2045
Average January	1793	2728	1827	1820	2126	517	2844	2058	2193	1827	2279	2044
Average February	1792	2726	1826	1819	2124	516	2842	2056	2191	1826	2277	2042
Average March	1776	2698	1809	1802	2103	511	2816	2036	2170	1809	2255	2023
Average April	1770	2689	1803	1795	2096	509	2806	2029	2163	1803	2247	2016
Average May	1775	2695	1807	1800	2101	510	2813	2034	2168	1807	2253	2021
Average June	2211	2733	1301	1021	1688	506	2504	1871	1506	1301	1887	1817
Average July	2134	2641	1253	984	1629	485	2417	1817	1442	1253	1822	1753
Average August	2109	2610	1239	973	1610	480	2389	1793	1428	1239	1801	1733
Average September	2099	2598	1233	969	1603	478	2378	1784	1422	1233	1793	1725
Average October	2101	2599	1235	970	1604	479	2380	1783	1426	1235	1794	1726
Average November	2121	2624	1247	979	1619	484	2403	1800	1440	1247	1811	1743
Average Monthly Income (2000-02)	1956	2673	1534	1396	1869	499	2620	1927	1812	1534	2042	1891
Average Annual Income (2000-02)	23472	32076	18408	16752	22428	5988	31440	23124	21744	18408	24504	22692

Table Ab9: Estimates of Average Seasonal Transfer Incomes across Strata

Monthly Income(Rs)	Rainfed	Rice-wheat perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	10092	11046	9468	9036	9852	1980	14070	8928	10776	9468	10050	9912
Kharif 2001	9126	10566	5904	4614	7038	2694	10098	5556	8514	5904	7626	7554
Rabi 2001-02	11316	21486	12330	12678	15498	4182	19860	15618	15384	12330	17130	14472
Kharif 2002	16422	21042	9108	7182	12462	3132	18840	16140	8820	9108	14190	13440
Average Rabi	10704	16266	10896	10854	12678	3078	16968	12276	13080	10896	13590	12192
Average Kharif	12774	15804	7506	5898	9750	2910	14472	10848	8664	7506	10908	10494
Year 2000-01	19212	21612	15372	13644	16896	4668	24168	14484	19284	15372	17676	17460
Year 2001-02	27732	42528	21432	19860	27960	7308	38700	31752	24204	21432	31320	27912
Average Annual	23472	32076	18408	16752	22428	5988	31440	23124	21744	18408	24504	22692

Average monthly income and expenditure in irrigated and rainfed settings are more or less similar (**Figure Ab2 and Ab3**), although they differ in relative terms. Similar, average monthly income and expenditure patterns for improved and improves areas are more or less similar, although they do differ in relative terms. The mechanics of seasonal income and expenditure patterns in irrigated and rainfed settings, and for farm and non-farm households have dealt in considerable details in chapter 9 of this report. A full discussion is, therefore, not warranted here.

Figure Ab2: Average Monthly Income and Expenditure Pattern -- Rainfed

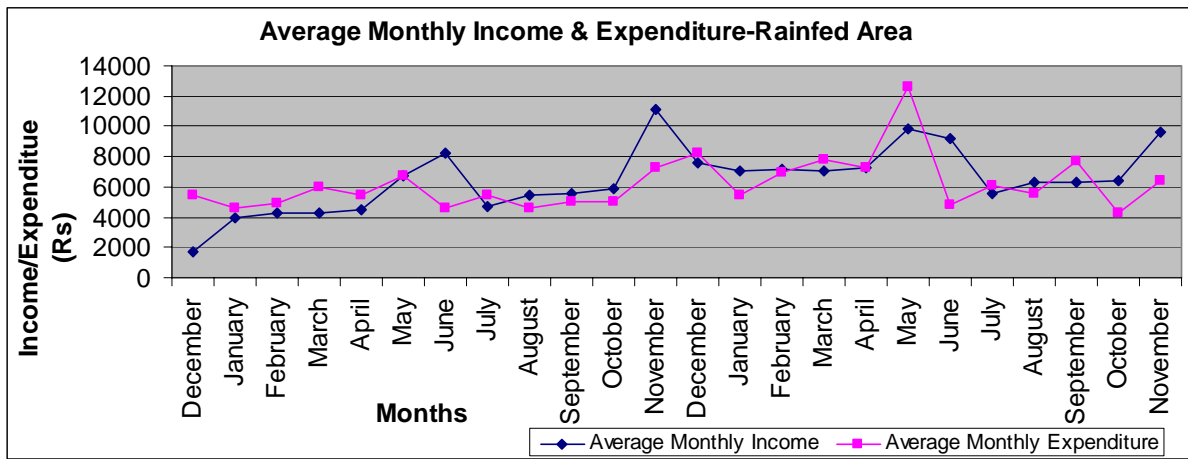


Figure Ab3: Average Monthly Income and Expenditure Pattern – Irrigated

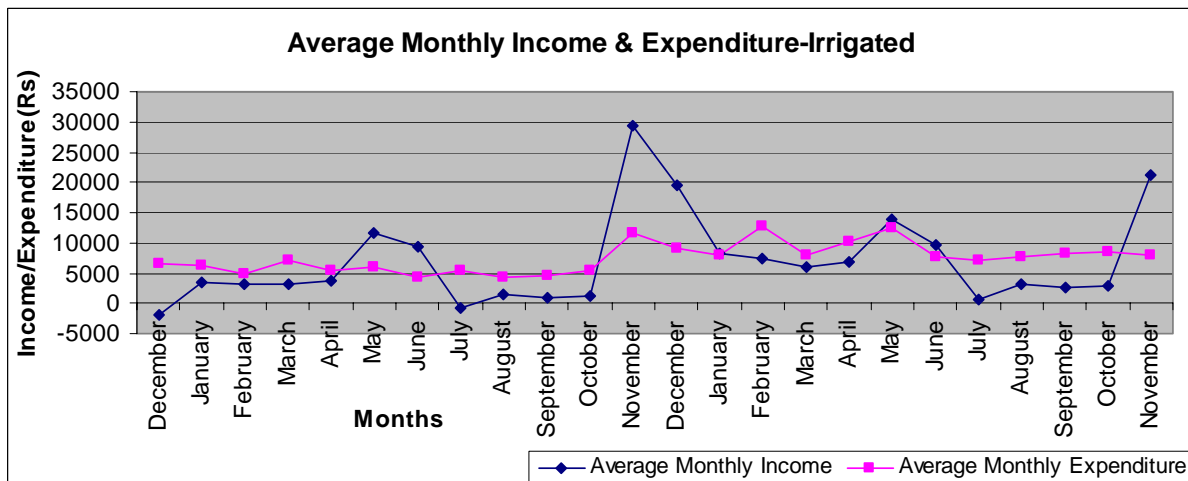


Figure Ab4: Average Monthly Income and Expenditure Pattern – Improved

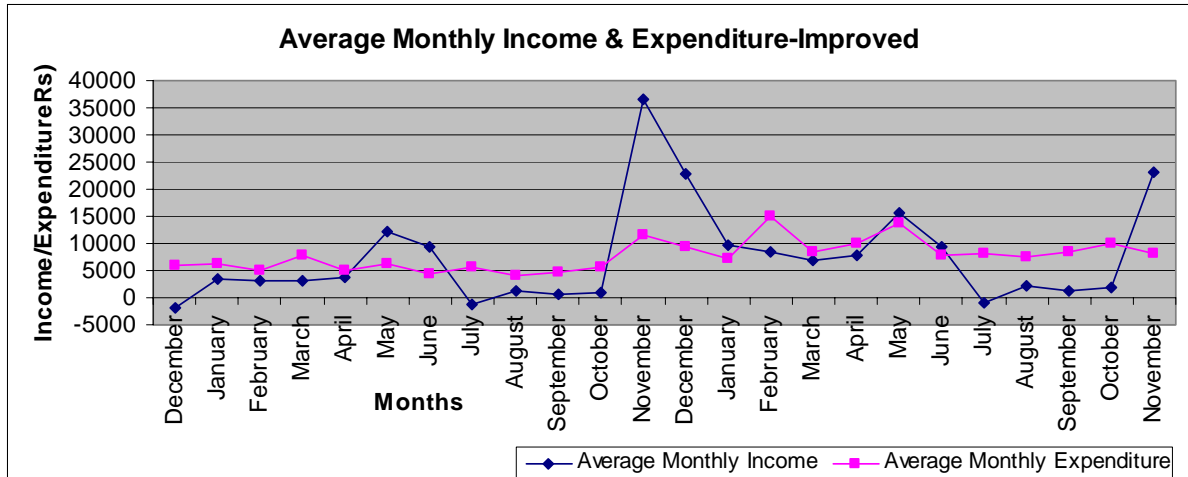
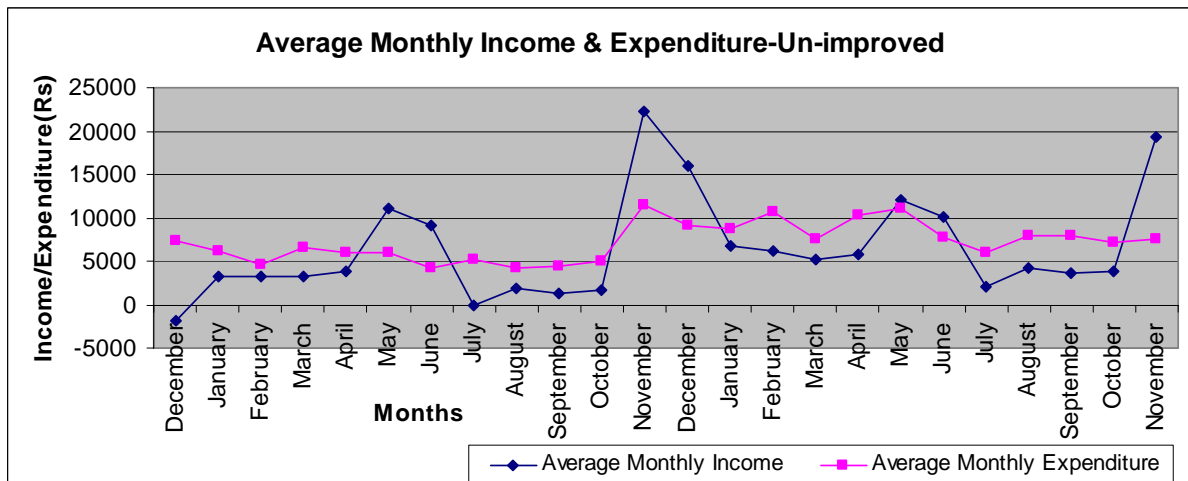


Figure Ab5: Average Monthly Income and Expenditure Pattern – Un-improved



Appendix B: Estimates of Households Average Monthly Expenditure for Various Periods

Table Ba1: Average Seasonal Expenditure Patterns across Strata

Monthly Expenditure (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	33307	36441	35026	38175	36526	32522	37418	36699	36355	35026	37298	35734
Kharif 2001	31857	34295	38229	33142	35255	25566	39059	34585	35920	38229	33725	34419
Rabi 2001-02	48420	73088	59777	48859	60660	34782	69633	57455	63841	59777	61114	57648
Kharif 2002	34914	51277	42889	47483	47189	27395	52960	44551	49807	42889	49402	44169
Average Rabi	40863	54765	47402	43517	48593	33652	53525	47077	50098	47402	49206	46691
Average Kharif	33385	42786	40559	40312	41222	26481	46010	39568	42864	40559	41563	39294
Year 2000-01	65164	70736	73255	71317	71781	58087	76477	71284	72275	73255	71023	70153
Year 2001-02	83333	124365	102666	96342	107849	62177	122593	102005	113648	102666	110515	101817
Average Annual	74248	97551	87960	83830	89815	60132	99535	86645	92961	87960	90769	85985

Seasonal and annual expenditure for various settings and categories of household are presented in **Table Ba1**, for which the following holds:

- Expenditure in second Rabi season is higher than expenditure during first Rabi season;
- Expenditure in second Kharif season is higher than expenditure during first Kharif season;
- Expenditure in second year is higher than the first year of survey; and
- Expenditure for households in improved areas is higher than those in unimproved areas, and this holds for all Rabi and Kharif seasons, years, and over all expenditure.

Decomposition of Household Monthly Expenditures into Food and Non-food Expenditure Components

Total monthly expenditure is decomposed into food, non-food and durables. Data on expenditure were gathered on monthly basis for each category of expenditure (food, non-food and others). In the first survey, expenditure data were obtained for each of the Rabi months, in the second survey for the months between Rabi and Kharif and in the third survey for Kharif months.

Household average monthly food expenditure by strata and category is provided in **Table Ba2**. The highest average monthly food expenditure is observed in Rainfed area, followed by mixed wheat perennial, and rice wheat perennial areas. The lowest food expenditure is in the rice wheat non-perennial area. On an overall basis rainfed areas had higher levels of food expenditure compared to the irrigated areas throughout the year except the months of March, April and May in which the average monthly food expenditure in irrigated areas is slightly higher as compared to rainfed areas. Likewise, the farmers' category had higher food expenditure than non farmers. The highest expenditure on food is in November for all strata and the lowest is in February for all strata. The highest expenditure in November coincides with the Ramadan and Eid-ul-Fitar celebrations. The lower expenditures on food in February is probably due to Eid-ul-Azha during this period, which enable the people to store enough meat for 10-20 days. There is no significant difference in average monthly food expenditures in improved and un-improved areas.

Table Ba2: Average Annual Expenditure by Category of Expenditure across Strata

Annual Expenditure by Category (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
Cat-1; year1	15548	13194	11988	12950	12704	13781	13206	12796	12614	11988	13073	13404
Cat-1; year2	15667	12715	12530	13187	12806	16021	12194	13089	12526	12530	12948	13510
Cat-2; year1	10387	11308	11684	12461	11812	8849	12831	11824	11800	11684	11878	11461
Cat-2; year2	9588	10209	10600	10525	10445	8492	11147	10254	10634	10600	10365	10234
Cat-3; year1	11334	11660	10759	10965	11127	8732	12460	10904	11349	10759	11317	11178
Cat-3; year2	11437	11226	10896	10787	10971	8225	12584	10955	10986	10896	11009	11085
Cat-4; year1	27895	34574	38824	34942	36138	26726	37979	35760	36512	38824	34756	34110
Cat-4; year2	46640	90215	68640	61843	73627	29439	86667	67708	79501	68640	76193	66987
Total Expenditure; Year1	65164	70736	73255	71317	71781	58087	76477	71284	72275	73255	71023	70153
Total Expenditure; Year2	83333	124365	102666	96342	107849	62177	122593	102005	113648	102666	110515	101817

Category 1 Wheat, cereals other than wheat, potato, fish, meat, vegetables, maize flour, eggs, milk/yogurt, fruits, bread

Category 2 Tea, coffee, milk powder, soft drinks, cooking oil and ghee, sugar, salt, spices

Category 3	Tobacco and cigarettes, soap and shampoo, electric charge, expense for firewood, cooking fuel and LP gas, lighting fuel, dried cow dung
Category 4	Expenditure on other items includes expenditures on clothing and shoes, health, recreation etc (details are given in appendix tables).
Year 1	Year 2000-01
Year 2	Year 2001-02

The figure below show that the pattern of food expenditure is the same for rainfed and irrigated farms as well as farm and non farm households. The food expenditure remains more or less constant from December up to May and then rises sharply in June. This rise is more pronounced in the rainfed area suggesting that rainfed farms and farm households spend more on food than irrigated farms or non-farm households. Monthly food expenditure of irrigated farms and farm households is almost equal for all months and greater than non-farms but from August through to November food expenditures were observed almost equal for both farmers and non-farmers.

Estimates of food expenditure for various categories of expenditure and for different households and time scales are given in **Table Ba1** to **Table B14**. It is clear that monthly pattern show four peaks, in November, December, January and March. The highest non-food expenditure is observed in November, which is almost the same for all strata and categories. The high non food expenditure in November, December, January, and March probably coincides with expenses related to Ramadan, Eid-ul-fitar and Eid-ul-Azha Ceremonies on which new cloth, shoes and other necessary items are purchased. Non food expenditure for irrigated farms and farm households is similar, with the same trend.

Table Ba3: Average Monthly Food Expenditure Patterns across Strata

Monthly Food Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
December 2000	2134	2251	1950	2167	2121	1818	2285	2169	2073	1950	2210	2124
January 2001	2076	2127	1937	2178	2079	1775	2237	2091	2067	1937	2152	2078
February 2001	2015	1979	1822	2095	1964	1727	2107	1974	1953	1822	2037	1976
March 2001	2062	2213	2019	2171	2134	1811	2275	2159	2108	2019	2192	2116
April 2001	2020	2084	1919	2118	2039	1751	2183	2062	2016	1919	2101	2035
May 2001	2092	2153	1930	2163	2081	1775	2245	2132	2030	1930	2158	2084
June 2001	2296	1942	2001	2092	2011	1838	2208	2041	1981	2001	2016	2081
July 2001	2151	1805	1940	1971	1905	1727	2090	1947	1864	1940	1887	1966
August 2001	2223	1924	1986	2065	1991	2088	2028	1958	2024	1986	1994	2048
September 2001	2286	1976	1990	2081	2015	2048	2100	2007	2023	1990	2028	2082
October 2001	2273	2049	2017	2102	2055	2100	2114	2063	2048	2017	2075	2109
November 2001	2307	1999	2159	2207	2121	2171	2165	2016	2226	2159	2102	2167
December 2001	2249	2099	2091	2129	2106	2136	2144	2142	2070	2091	2114	2141
January 2002	2150	1952	1979	1939	1957	2027	1993	1977	1937	1979	1946	2005
February 2002	2219	2073	2042	2057	2057	2124	2083	2076	2039	2042	2065	2097
March 2002	2188	1951	1920	1961	1944	2039	1985	1945	1943	1920	1956	2004
April 2002	2115	1950	1917	1921	1929	2003	1960	1938	1921	1917	1936	1975
May 2002	2141	1978	1958	1954	1963	2033	1993	1973	1954	1958	1966	2007
June 2002	2098	1860	1930	2032	1940	2134	1897	1941	1939	1930	1945	1979
July 2002	2050	1840	1901	2018	1919	2092	1877	1909	1929	1901	1928	1951
August 2002	2009	1795	1861	1984	1879	2057	1835	1871	1887	1861	1889	1911
September 2002	2036	1779	1849	1990	1871	2044	1842	1865	1877	1849	1883	1912
October 2002	1964	1786	1799	1823	1802	1889	1818	1824	1781	1799	1804	1842
November 2002	2037	1862	1882	1903	1882	1934	1913	1883	1882	1882	1882	1920
Average Monthly Expenditure (2000-02)	2133	1976	1950	2047	1990	1964	2057	1998	1982	1950	2011	2025
Average Annual Expenditure (2000-02)	25596	23713	23401	24561	23884	23571	24689	23981	23787	23401	24132	24305

Table Ba4: Average Monthly Food Expenditure Patterns across Strata

Monthly Food Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Average December	2192	2175	2020	2148	2114	1977	2214	2156	2072	2020	2162	2133
Average January	2113	2039	1958	2059	2018	1901	2115	2034	2002	1958	2049	2041
Average February	2117	2026	1932	2076	2010	1926	2095	2025	1996	1932	2051	2037
Average March	2125	2082	1970	2066	2039	1925	2130	2052	2026	1970	2074	2060
Average April	2068	2017	1918	2019	1984	1877	2072	2000	1969	1918	2018	2005
Average May	2116	2066	1944	2058	2022	1904	2119	2052	1992	1944	2062	2045
Average June	2197	1901	1966	2062	1975	1986	2053	1991	1960	1966	1980	2030
Average July	2101	1822	1920	1995	1912	1910	1984	1928	1896	1920	1908	1958
Average August	2116	1860	1923	2025	1935	2072	1931	1915	1955	1923	1941	1980
Average September	2161	1877	1920	2035	1943	2046	1971	1936	1950	1920	1955	1997
Average October	2119	1917	1908	1963	1929	1995	1966	1943	1915	1908	1940	1976
Average November	2172	1930	2021	2055	2002	2052	2039	1949	2054	2021	1992	2044
Average Monthly Expenditure (2000-02)	2133	1976	1950	2047	1990	1964	2057	1998	1982	1950	2011	2025
Average Annual Expenditure (2000-02)	25596	23713	23401	24561	23884	23571	24689	23981	23787	23401	24132	24305

Table Ba5: Average Seasonal Food Expenditure Patterns across Strata

Monthly Food Expenditure (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	12399	12808	11578	12892	12417	10658	13333	12588	12248	11578	12849	12413
Kharif 2001	13536	11695	12094	12518	12099	11972	12705	12031	12166	12094	12102	12453
Rabi 2001-02	13061	12003	11909	11961	11957	12363	12159	12050	11865	11909	11982	12229
Kharif 2002	12195	10921	11221	11750	11294	12151	11183	11293	11295	11221	11331	11515
Average Rabi	12730	12405	11743	12427	12187	11510	12746	12319	12057	11743	12416	12321
Average Kharif	12866	11308	11658	12134	11696	12061	11944	11662	11730	11658	11716	11984
Year 2000-01	25936	24502	23672	25410	24516	22630	26037	24619	24414	23672	24951	24866
Year 2001-02	25256	22924	23130	23712	23251	24513	23341	23342	23160	23130	23313	23744
Average Annual	25596	23713	23401	24561	23884	23571	24689	23981	23787	23401	24132	24305

Table Ba6: Average Monthly Non-food Expenditure Patterns across Strata

Monthly Non-food Expenditure (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
December 2000	3362	5670	3825	4165	4552	3892	4451	5147	3962	3825	4926	4259
January 2001	2527	4796	4019	3793	4205	4765	3282	4159	4251	4019	4300	3792
February 2001	2941	2420	2724	3304	2812	2319	3118	2683	2939	2724	2857	2843
March 2001	3949	3925	5918	5237	5030	3657	5344	4474	5582	5918	4573	4764
April 2001	3452	3360	3496	3554	3469	3318	3542	3866	3076	3496	3456	3465
May 2001	4677	3463	3466	5230	4041	3912	4347	3782	4298	3466	4336	4197
June 2001	2257	2200	2292	2145	2214	1617	2543	2149	2278	2292	2173	2224
July 2001	3254	3853	3561	3031	3485	2447	3943	3305	3664	3561	3446	3429
August 2001	2374	2269	2410	2019	2235	1611	2614	2282	2188	2410	2145	2269
September 2001	2736	2162	2675	2576	2471	1700	2975	2367	2575	2675	2367	2536
October 2001	2718	3267	3548	2996	3274	1987	3740	2979	3567	3548	3133	3137
November 2001	4982	8850	11649	7857	9476	4234	10539	9471	9482	11649	8359	8371
December 2001	6010	10283	5659	5249	7069	4311	8118	6894	7243	5659	7795	6809
January 2002	3314	8847	6000	3090	6001	1835	7177	6664	5343	6000	6002	5340
February 2002	4729	12558	10488	9383	10819	4937	11618	8672	12949	10488	10989	9320
March 2002	5648	8526	5777	4001	6115	2592	7787	5662	6565	5777	6290	6000
April 2002	5186	11288	8940	4292	8207	4346	9098	8452	7964	8940	7830	7464
May 2002	10472	9584	11005	10883	10491	4398	13677	9061	11910	11005	10226	10486
June 2002	2735	5544	3898	8070	5809	3142	6054	5879	5740	3898	6792	5053
July 2002	4012	5446	4568	5468	5155	2230	6259	4122	6180	4568	5457	4873
August 2002	3576	7646	4265	5809	5898	2274	6927	6165	5633	4265	6738	5327
September 2002	5703	6538	5853	6607	6328	2495	8102	6129	6525	5853	6572	6174
October 2002	2290	8607	7933	3610	6747	2093	7515	5391	8093	7933	6137	5651
November 2002	4403	6575	5150	6169	5959	3011	6920	5573	6341	5150	6374	5576
Average Monthly Expenditure (2000-02)	4054	6153	5380	4939	5494	3047	6237	5222	5765	5380	5553	5140
Average Annual Expenditure (2000-02)	48653	73837	64559	59269	65931	36561	74846	62664	69174	64559	66637	61680

Table Ba7: Average Monthly Non-food Expenditure Patterns across Strata

Monthly Non-food Expenditure (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Average December	4686	7976	4742	4707	5811	4101	6285	6021	5602	4742	6361	5534
Average January	2920	6821	5010	3442	5103	3300	5229	5411	4797	5010	5151	4566
Average February	3835	7489	6606	6343	6815	3628	7368	5678	7944	6606	6923	6082
Average March	4799	6226	5847	4619	5573	3125	6566	5068	6073	5847	5431	5382
Average April	4319	7324	6218	3923	5838	3832	6320	6159	5520	6218	5643	5464
Average May	7575	6523	7236	8057	7266	4155	9012	6421	8104	7236	7281	7342
Average June	2496	3872	3095	5108	4011	2380	4298	4014	4009	3095	4483	3639
Average July	3633	4649	4064	4249	4320	2339	5101	3714	4922	4064	4451	4151
Average August	2975	4957	3337	3914	4067	1942	4771	4224	3911	3337	4442	3798
Average September	4219	4350	4264	4591	4400	2097	5539	4248	4550	4264	4469	4355
Average October	2504	5937	5740	3303	5011	2040	5628	4185	5830	5740	4635	4394
Average November	4692	7712	8399	7013	7718	3622	8729	7522	7911	8399	7367	6973
Average Monthly Expenditure (2000-02)	4054	6153	5380	4939	5494	3047	6237	5222	5765	5380	5553	5140
Average Annual Expenditure (2000-02)	48653	73837	64559	59269	65931	36561	74846	62664	69174	64559	66637	61680

Table Ba8: Average Seasonal Non-food Expenditure Patterns across Strata

Monthly Non-food Expenditure (Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed wheat Perennial	Irrigated	Non-farmer	Farmer	Unimproved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	20908	23633	23448	25283	24109	21863	24085	24111	24107	23448	24449	23321
Kharif 2001	18320	22601	26135	20624	23156	13594	26354	22554	23754	26135	21624	21966
Rabi 2001-02	35359	61086	47869	36898	48702	22419	57474	45405	51975	47869	49132	45419
Kharif 2002	22719	40355	31667	35732	35895	15245	41778	33258	38513	31667	38071	32653
Average Rabi	28133	42360	35658	31091	36406	22141	40780	34758	38041	35658	36790	34370
Average Kharif	20520	31478	28901	28178	29526	14420	34066	27906	31133	28901	29847	27310
Year 2000-01	39228	46234	49583	45907	47265	35458	50440	46665	47861	49583	46072	45288
Year 2001-02	58077	101441	79536	72630	84598	37664	99252	78663	90488	79536	87202	78073
Average Annual	48653	73837	64559	59269	65931	36561	74846	62664	69174	64559	66637	61680

Table Ba9: Household Average Monthly Non-food Expenditure (Category 3 – Non-durable) Patterns across Strata

Monthly Non-durable Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-Perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
December 2000	890	1002	877	872	917	702	1020	888	946	877	938	910
January 2001	886	953	885	872	904	680	1014	876	931	885	913	899
February 2001	871	938	866	856	887	671	994	864	910	866	897	883
March 2001	894	1003	905	887	932	692	1043	898	965	905	946	923
April 2001	879	930	890	872	898	678	1006	873	922	890	901	893
May 2001	907	956	887	887	910	696	1021	880	940	887	922	909
June 2001	1155	1091	1023	1079	1064	854	1208	1055	1074	1023	1085	1086
July 2001	1086	1035	1000	1014	1016	811	1150	1016	1017	1000	1024	1033
August 2001	917	920	856	895	890	734	982	887	894	856	908	897
September 2001	894	940	848	879	889	716	981	868	909	848	910	890
October 2001	965	924	857	905	895	734	1005	890	900	857	915	912
November 2001	991	970	864	946	926	763	1036	910	942	864	958	942
December 2001	993	991	932	924	949	706	1093	954	944	932	958	960
January 2002	971	958	910	881	916	686	1058	922	911	910	920	930
February 2002	976	985	933	926	948	719	1079	959	937	933	956	955
March 2002	966	982	908	883	924	698	1059	932	917	908	933	935
April 2002	980	971	912	890	924	699	1063	939	910	912	931	938
May 2002	1015	1012	955	936	968	733	1108	983	953	955	974	979
June 2002	974	918	950	940	936	706	1071	917	955	950	929	945
July 2002	941	893	931	937	920	675	1056	896	945	931	915	925
August 2002	914	882	899	911	897	671	1022	875	919	899	896	901
September 2002	903	850	886	906	880	656	1007	863	898	886	878	886
October 2002	893	870	825	812	836	631	965	836	835	825	841	850
November 2002	910	915	855	841	870	645	1004	880	860	855	879	880
Average Monthly Expenditure (2000-02)	949	954	902	906	921	707	1044	911	931	902	930	928
Average Annual Expenditure (2000-02)	11385	11443	10828	10876	11049	8479	12522	10929	11167	10828	11163	11132

Table Ba10: Household Average Monthly Non-food Expenditure (Category 3 – Non-durable) Patterns across Strata

Monthly Non-durable Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Average December	942	996	905	898	933	704	1056	921	945	905	948	935
Average January	929	955	898	876	910	683	1036	899	921	898	916	915
Average February	924	961	900	891	918	695	1037	911	924	900	927	919
Average March	930	993	906	885	928	695	1051	915	941	906	939	929
Average April	930	951	901	881	911	688	1035	906	916	901	916	916
Average May	961	984	921	911	939	715	1065	931	946	921	948	944
Average June	1064	1004	987	1010	1000	780	1140	986	1014	987	1007	1016
Average July	1014	964	965	975	968	743	1103	956	981	965	970	979
Average August	915	901	878	903	894	703	1002	881	906	878	902	899
Average September	899	895	867	892	885	686	994	865	904	867	894	888
Average October	929	897	841	859	865	682	985	863	868	841	878	881
Average November	950	943	859	894	898	704	1020	895	901	859	918	911
Average Monthly Expenditure (2000-02)	949	954	902	906	921	707	1044	911	931	902	930	928
Average Annual Expenditure (2000-02)	11385	11443	10828	10876	11049	8479	12522	10929	11167	10828	11163	11132

Table Ba11: Household Average Seasonal Non-food Expenditure (Category 3 – Non-durable) Patterns across Strata

Monthly Non-durable Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	5327	5782	5311	5246	5447	4120	6098	5279	5614	5311	5517	5418
Kharif 2001	6007	5878	5448	5719	5680	4612	6363	5625	5735	5448	5799	5760
Rabi 2001-02	5901	5898	5550	5440	5630	4241	6460	5688	5573	5550	5672	5697
Kharif 2002	5536	5328	5346	5347	5340	3984	6124	5266	5414	5346	5337	5388
Average Rabi	5614	5840	5431	5343	5539	4181	6279	5484	5593	5431	5594	5557
Average Kharif	5771	5603	5397	5533	5510	4298	6243	5446	5574	5397	5568	5574
Year 2000-01	11334	11660	10759	10965	11127	8732	12460	10904	11349	10759	11317	11178
Year 2001-02	11437	11226	10896	10787	10971	8225	12584	10955	10986	10896	11009	11085
Average Annual	11385	11443	10828	10876	11049	8479	12522	10929	11167	10828	11163	11132

Table Ba12: Household Average Monthly Other Expenditure (Category 4 – Durable) Patterns across Strata

Monthly Durable Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
December 2000	2472	4668	2948	3293	3635	3190	3432	4258	3016	2948	3988	3349
January 2001	1641	3842	3134	2922	3301	4085	2268	3283	3319	3134	3387	2893
February 2001	2070	1483	1858	2447	1925	1648	2124	1820	2029	1858	1959	1960
March 2001	3055	2922	5013	4350	4098	2965	4301	3576	4617	5013	3628	3842
April 2001	2573	2430	2605	2682	2572	2640	2536	2993	2154	2605	2555	2572
May 2001	3771	2507	2579	4343	3131	3215	3326	2901	3358	2579	3414	3288
June 2001	1103	1109	1269	1066	1149	763	1334	1094	1204	1269	1088	1138
July 2001	2168	2818	2561	2017	2469	1636	2794	2290	2648	2561	2422	2395
August 2001	1457	1349	1554	1123	1345	877	1632	1396	1295	1554	1238	1372
September 2001	1842	1223	1827	1697	1583	984	1994	1499	1666	1827	1457	1646
October 2001	1753	2344	2691	2091	2379	1253	2735	2089	2667	2691	2219	2225
November 2001	3991	7880	10784	6911	8550	3471	9503	8561	8539	10784	7401	7428
December 2001	5016	9292	4727	4325	6120	3604	7025	5940	6299	4727	6837	5849
January 2002	2343	7889	5089	2209	5085	1149	6119	5742	4432	5089	5082	4410
February 2002	3752	11573	9555	8457	9871	4218	10539	7713	12012	9555	10033	8365
March 2002	4682	7544	4869	3118	5191	1894	6728	4730	5648	4869	5356	5066
April 2002	4207	10317	8028	3402	7283	3647	8034	7512	7054	8028	6899	6526
May 2002	9457	8572	10050	9947	9523	3665	12569	8078	10957	10050	9252	9507
June 2002	1761	4626	2948	7130	4873	2437	4983	4962	4785	2948	5864	4108
July 2002	3071	4552	3637	4531	4234	1555	5202	3226	5235	3637	4542	3948
August 2002	2662	6764	3366	4898	5001	1603	5905	5290	4714	3366	5842	4425
September 2002	4799	5688	4968	5701	5447	1839	7096	5267	5627	4968	5694	5288
October 2002	1397	7737	7108	2798	5911	1462	6551	4555	7258	7108	5296	4801
November 2002	3493	5659	4296	5328	5088	2366	5916	4693	5481	4296	5496	4696
Average Monthly Expenditure (2000-02)	3106	5200	4478	4033	4574	2340	5194	4311	4834	4478	4623	4212
Average Annual Expenditure (2000-02)	37267	62394	53732	48393	54882	28082	62323	51734	58007	53732	55474	50548

Table Ba13: Household Average Monthly Other Expenditure (Category 4 – Durable) Patterns across Strata

Monthly Durable Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Average December	3744	6980	3837	3809	4878	3397	5228	5099	4658	3837	5413	4599
Average January	1992	5866	4112	2565	4193	2617	4193	4513	3876	4112	4235	3651
Average February	2911	6528	5706	5452	5898	2933	6332	4766	7021	5706	5996	5163
Average March	3869	5233	4941	3734	4645	2430	5515	4153	5132	4941	4492	4454
Average April	3390	6373	5317	3042	4927	3144	5285	5253	4604	5317	4727	4549
Average May	6614	5539	6315	7145	6327	3440	7947	5490	7157	6315	6333	6397
Average June	1432	2867	2109	4098	3011	1600	3159	3028	2995	2109	3476	2623
Average July	2619	3685	3099	3274	3352	1595	3998	2758	3941	3099	3482	3172
Average August	2059	4057	2460	3011	3173	1240	3769	3343	3004	2460	3540	2899
Average September	3320	3455	3397	3699	3515	1411	4545	3383	3646	3397	3576	3467
Average October	1575	5041	4899	2444	4145	1357	4643	3322	4962	4899	3757	3513
Average November	3742	6770	7540	6119	6819	2919	7710	6627	7010	7540	6448	6062
Average Monthly Expenditure (2000-02)	3106	5200	4478	4033	4574	2340	5194	4311	4834	4478	4623	4212
Average Annual Expenditure (2000-02)	37267	62394	53732	48393	54882	28082	62323	51734	58007	53732	55474	50548

Table Ba14: Household Average Seasonal Other Expenditure (Category 4 – Durable) Patterns across Strata

Monthly Durable Expenditure(Rs)	Rainfed	Rice-wheat Perennial	Rice-wheat Non-perennial	Mixed-wheat Perennial	Irrigated	Non-farmer	Farmer	Un-improved	Improved	Non-perennial	Perennial	All Strata
No of Observations	171	175	178	171	524	239	456	261	263	178	346	695
Rabi 2000-01	15581	17851	18137	20037	18662	17743	17988	18832	18493	18137	18932	17904
Kharif 2001	12314	16722	20686	14905	17476	8983	19992	16929	18019	20686	15824	16206
Rabi 2001-02	29457	55187	42318	31458	43072	18178	51014	39716	46402	42318	43460	39722
Kharif 2002	17183	35027	26322	30385	30555	11260	35653	27992	33099	26322	32733	27265
Average Rabi	22519	36519	30228	25748	30867	17961	34501	29274	32448	30228	31196	28813
Average Kharif	14748	25875	23504	22645	24016	10122	27822	22460	25559	23504	24279	21735
Year 2000-01	27895	34574	38824	34942	36138	26726	37979	35760	36512	38824	34756	34110
Year 2001-02	46640	90215	68640	61843	73627	29439	86667	67708	79501	68640	76193	66987
Average Annual	37267	62394	53732	48393	54882	28082	62323	51734	58007	53732	55474	50548

Appendix C: Estimates of Poverty Indices for Various Periods