

Table A.27
Area planted or intended to plant with major staple crops for 2002-03, in hectares

A.27.1. Areas planted or intended to be planted

	Wheat*		Barley*		Maize*	Rice**	Potato**	Pulses**	All cereals	All staple crops
	Irrigated	Rain-fed	Irrigated	Rain-fed						
TOTAL	1,296,693	1,207,604	101,765	228,902	259,049	163,975	45,049	110,043	3,257,989	3,413,081
Agro-ecological zone										
Badakhshan mountains	54,117	79,226	9,963	19,120	7,069	13,955	2,619	1,245	183,450	187,314
Central mountains	95,834	88,322	9,001	29,576	65,243	609	12,961	15,228	288,585	316,774
Eastern mountains	99,627	3,068	349	150	26,975	50,927	2,170	1,247	181,095	184,512
Southern mountains	114,623	40,892	712	17,621	40,948	156	9,244	12,837	214,952	237,033
Northern mountains	302,555	875,613	25,975	154,862	16,234	90,315	14,208	52,859	1,465,555	1,532,622
Turkistan plains	235,529	108,388	27,783	5,961	1,513	5,468	1,444	1,479	384,642	387,565
Herat-Farah lowlands	171,443	7,149	27,249	1,430	2,859	1,556	1,304	2,355	211,686	215,345
Helmand River valley	222,964	4,947	733	183	98,208	989	1,099	22,793	328,024	351,916
Region										
North	243,235	679,489	36,489	110,951	7,023	11,176	12,873	26,830	1,088,364	1,128,068
Northeast	329,356	261,889	26,556	56,264	16,287	97,886	4,229	6,960	788,239	799,428
West	191,054	128,997	27,925	14,157	4,366	2,231	2,472	24,148	368,730	395,351
West Central	54,617	82,569	7,309	29,305	1,895	0	10,321	14,348	175,696	200,365
Central	57,437	1,338	559	100	8,292	948	4,530	1,315	68,673	74,518
South	112,395	42,878	1,435	17,621	18,662	156	6,641	6,391	193,146	206,178
East	72,293	2,519	150	50	19,543	49,979	200	0	144,533	144,733
Southwest	236,307	7,925	1,342	454	182,981	1,599	3,782	30,051	430,608	464,442

(*) Partially planted at the time of the survey. Figures reflect areas already planted and areas intended to plant.

(**) Areas not yet planted at the time of the survey. Figures reflect areas intended to be planted.

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Table A.28
Difference in area planted (or intended) with major crops, 2002-03 relative to 2001-02
A.28.1. Difference in hectares

	Wheat*		Barley*		Maize**	Rice**	Potato**	Pulses**	All cereals	All staple crops
	Irrigated	Rain-fed	Irrigated	Rain-fed						
TOTAL	54,268	-36,702	19,932	31,013	113,477	16,955	20,595	40,666	198,943	260,204
Agro-ecological zone										
Badakhshan mountains	-11,080	-26,921	4,139	6,337	1,978	2,820	494	293	-22,727	-21,940
Central mountains	-12,081	-44,533	5,482	22,537	61,994	609	2,233	13,434	34,009	49,677
Eastern mountains	-8,537	-549	-200	50	-1,551	843	549	50	-9,943	-9,345
Southern mountains	22,849	7,876	278	8,388	35,041	89	5,495	12,259	74,521	92,275
Northern mountains	11,585	-6,821	-7,896	-8,546	-2,572	13,949	9,273	12,624	-301	21,596
Turkistan plains	48,537	36,362	11,688	3,863	1,353	665	1,444	608	102,468	104,520
Herat-Farah lowlands	-2,355	-2,775	6,770	-883	84	1,388	336	1,472	2,229	4,037
Helmand River valley	5,350	660	-330	-733	17,150	-3,408	770	-73	18,689	19,385
Region										
North	53,056	24,243	15,358	-14,163	302	3,346	10,120	11,731	82,141	103,992
Northeast	-8,300	-61,573	-7,220	8,077	-659	13,932	494	-4,051	-55,743	-59,299
West	1,931	37,174	6,562	6,857	1,201	1,544	934	7,316	55,269	63,519
West Central	1,387	-41,420	4,738	22,402	68	0	1,624	13,908	-12,825	2,707
Central	-2,365	561	158	100	1,037	-100	1,777	-12	-609	1,155
South	31,761	7,831	1,068	8,388	11,895	89	3,970	5,248	61,032	70,250
East	-8,263	-998	-200	-50	-1,950	943	50	-50	-10,517	-10,517
Southwest	-14,940	-2,521	-533	-598	101,585	-2,799	1,625	6,576	80,195	88,396

(*) Partially planted at the time of the survey. Figures reflect areas already planted and areas intended to plant.

(**) Areas not yet planted at the time of the survey. Figures reflect areas intended to be planted.

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Table A.28
Difference in area planted (or intended) with major crops, 2002-03 relative to areas planted in 2001-02
A.28.2. Percentage change

	Wheat*		Barley*		Maize**	Rice**	Potato**	Pulses**	All cereals	All staple crops
	Irrigated	Rain-fed	Irrigated	Rain-fed						
TOTAL	4.4%	-2.9%	24.4%	15.7%	78.0%	11.5%	84.2%	58.6%	6.5%	8.3%
Agro-ecological zone										
Badakhshan mountains	-17.0%	-25.4%	71.1%	49.6%	38.8%	25.3%	23.3%	30.8%	-11.0%	-10.5%
Central mountains	-11.2%	-33.5%	155.8%	320.2%	1908.3%		20.8%	749.1%	13.4%	18.6%
Eastern mountains	-7.9%	-15.2%	-36.4%	50.0%	-5.4%	1.7%	33.8%	4.2%	-5.2%	-4.8%
Southern mountains	24.9%	23.9%	64.1%	90.8%	593.2%	133.3%	146.6%	2119.2%	53.1%	63.7%
Northern mountains	4.0%	-0.8%	-23.3%	-5.2%	-13.7%	18.3%	187.9%	31.4%	0.0%	1.4%
Turkistan plains	26.0%	50.5%	72.6%	184.2%	842.9%	13.8%		69.7%	36.3%	36.9%
Herat-Farah lowlands	-1.4%	-28.0%	33.1%	-38.2%	3.0%	825.0%	34.8%	166.7%	1.1%	1.9%
Helmand River valley	2.5%	15.4%	-31.0%	-80.0%	21.2%	-77.5%	233.3%	-0.3%	6.0%	5.8%
Region										
North	27.9%	3.7%	72.7%	-11.3%	4.5%	42.7%	367.6%	77.7%	8.2%	10.2%
Northeast	-2.5%	-19.0%	-21.4%	16.8%	-3.9%	16.6%	13.2%	-36.8%	-6.6%	-6.9%
West	1.0%	40.5%	30.7%	93.9%	37.9%	224.4%	60.7%	43.5%	17.6%	19.1%
West Central	2.6%	-33.4%	184.2%	324.5%	3.7%		18.7%	3161.5%	-6.8%	1.4%
Central	-4.0%	72.3%	39.2%		14.3%	-9.5%	64.6%	-0.9%	-0.9%	1.6%
South	39.4%	22.3%	290.9%	90.8%	175.8%	133.3%	148.7%	459.1%	46.2%	51.7%
East	-10.3%	-28.4%	-57.1%	-50.0%	-9.1%	1.9%	33.3%	-100.0%	-6.8%	-6.8%
Southwest	-5.9%	-24.1%	-28.4%	-56.8%	124.8%	-63.6%	75.3%	28.0%	22.9%	23.5%

(*) Partially planted at the time of the survey. Figures reflect areas already planted and areas intended to plant.

(**) Areas not yet planted at the time of the survey. Figures reflect areas intended to be planted.

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Large increase planned for maize in the Central Mountains zone corresponds to borderline districts, not including Ghor or Bamyan provinces.

Table A.29

Wheat: Reported expected production in 2002-03

A.29.1. Production estimated from seed planted and expected multiplication factor

	Area planted (Ha)		Seed planted (MT)		Expected seed multiplication factor		Implicit expected multiplication factor (MT)	
	Irrigated	Rain-fed	Irrigated	Rain-fed	Irrigated	Rain-fed	Irrigated	Rain-fed
TOTAL	1,296,693	1,207,604	194,602	111,269	11.4	9.6	2,211,577	1,000,000
Agro-ecological zone								
Badakhshan mountains	54,117	79,226	9,434	9,396	10.4	5.7	98,049	
Central mountains	95,834	88,322	17,687	8,763	9.6	5.6	170,639	
Eastern mountains	99,627	3,068	16,217	299	13.2	4.5	214,075	
Southern mountains	114,623	40,892	21,179	4,042	9.1	5.8	193,724	
Northern mountains	302,555	875,613	46,165	76,260	13.4	10.8	617,455	800,000
Turkistan plains	235,529	108,388	35,457	11,429	11.5	9.2	406,634	1,000,000
Herat-Farah lowlands	171,443	7,149	25,294	743	9.6	10.1	242,756	
Helmand River valley	222,964	4,947	23,169	337	11.6	6.0	268,243	
Region								
North	243,235	679,489	33,985	53,566	11.6	10.5	394,777	500,000
Northeast	329,356	261,889	53,840	30,590	12.7	8.1	686,454	2,000,000
West	191,054	128,997	28,525	13,672	9.9	13.2	283,665	1,000,000
West Central	54,617	82,569	8,522	8,332	8.9	5.7	75,836	
Central	57,437	1,338	12,163	94	10.7	10.7	129,798	
South	112,395	42,878	21,186	4,106	9.4	5.8	199,058	
East	72,293	2,519	10,776	264	14.1	3.3	151,637	
Southwest	236,307	7,925	25,606	645	11.3	5.0	290,353	

Table A.29
Wheat: Reported expected production in 2002-03
A.29.2. Expected production estimated directly from output expected by farmers

	Area planted (Ha)		Expected output (MT)		Implicit expected yield (MT/Ha planted)	
	Irrigated	Rain-fed	Irrigated	Rain-fed	Irrigated	Rain-fed
TOTAL	1,296,693	1,207,604	2,221,447	996,312	1.71	0.83
Agro-ecological zone						
Badkhitshan mountains	54,117	79,226	103,539	51,727	1.91	0.65
Central mountains	95,834	88,322	177,148	53,477	1.85	0.61
Eastern mountains	99,627	3,068	216,440	1,091	2.17	0.36
Southern mountains	114,623	40,892	209,078	23,725	1.82	0.58
Northern mountains	302,555	875,613	623,606	757,850	2.06	0.87
Turkistan plains	235,529	108,388	404,753	98,533	1.72	0.91
Herat-Farah lowlands	171,443	7,149	225,124	6,758	1.31	0.95
Helmand River valley	222,964	4,947	261,758	3,151	1.17	0.64
Region						
North	243,235	679,489	378,616	531,888	1.56	0.78
Northeast	329,356	261,889	709,602	251,271	2.15	0.96
West	191,054	128,997	268,804	131,709	1.41	1.02
West Central	54,617	82,569	82,792	51,630	1.52	0.63
Central	57,437	1,338	131,389	1,035	2.29	0.77
South	112,395	42,878	213,249	23,970	1.90	0.56
East	72,293	2,519	153,484	602	2.12	0.24
Southwest	236,307	7,925	283,511	4,207	1.20	0.53

Table A.30
Livestock holdings
A.30.1. Donkeys, horses and camels in farms

	Donkeys		Horses		Camels		Percent change		
	Now	Year ago	Now	Year ago	Now	Year ago	Donkeys	Horses	Camels
TOTAL	988,324	989,043	118,274	127,850	46,717	53,979	0.1%	8.1%	15.5%
Agro-ecological zone									
Badakhshan mountains	60,802	53,843	8,791	8,608	0	0	-11.4%	-2.1%	
Central mountains	156,001	159,385	19,965	20,981	338	338	2.2%	5.1%	0.0%
Eastern mountains	98,263	89,035	998	1,496	0	0	-9.4%	50.0%	
Southern mountains	40,826	31,370	1,224	1,001	2,225	667	-23.2%	-18.2%	-70.0%
Northern mountains	381,051	397,156	54,287	55,846	12,208	13,767	4.2%	2.9%	12.8%
Turkistan plains	83,684	99,159	24,761	31,066	31,525	36,683	18.5%	25.5%	16.4%
Herat-Farah lowlands	140,031	135,826	7,149	7,569	421	2,523	-3.0%	5.9%	500.0%
Helmand River valley	27,667	23,269	1,099	1,283	0	0	-15.9%	16.7%	
Region									
North	181,788	201,532	23,863	31,329	17,552	21,824	10.9%	31.3%	24.3%
Northeast	281,669	299,014	61,898	62,372	21,245	23,431	6.2%	0.8%	10.3%
West	202,111	185,438	9,227	9,387	5,356	7,718	-8.2%	1.7%	44.1%
West Central	88,322	91,029	14,551	15,228	338	338	3.1%	4.7%	0.0%
Central	61,662	50,530	2,663	2,663	111	0	-18.1%	0.0%	-100.0%
South	40,957	34,292	2,016	1,794	2,114	667	-16.3%	-11.0%	-68.4%
East	78,560	76,316	249	748	0	0	-2.9%	200.0%	
Southwest	53,255	50,893	3,807	4,328	0	0	-4.4%	13.7%	

Table A.30
Livestock holdings

A.30.2. Farms owning each kind of livestock

	Donkeys		Horses		Camels	
	Now	Year ago	Now	Year ago	Now	Year ago
TOTAL	662,909	617,782	88,309	90,269	16,619	17,517
Agro-ecological zone						
Badakhshan mountains	33,514	29,852	6,959	6,776	0	0
Central mountains	117,085	107,949	18,273	18,612	338	338
Eastern mountains	84,546	74,071	998	1,247	0	0
Southern mountains	31,036	26,253	1,112	1,001	1,112	222
Northern mountains	217,929	210,656	37,923	38,183	6,494	6,753
Turkistan plains	46,886	48,032	15,820	16,622	8,254	8,942
Herat-Farah lowlands	106,810	100,082	6,308	6,728	421	1,262
Helmand River valley	25,102	20,887	916	1,099	0	0
Region						
North	127,320	127,886	20,417	22,832	8,329	9,246
Northeast	134,385	127,666	38,207	37,191	3,561	4,111
West	143,435	133,070	8,386	8,287	3,278	3,599
West Central	62,603	55,836	13,197	13,536	338	338
Central	53,946	45,232	2,663	2,663	111	0
South	30,245	26,681	1,905	1,794	1,001	222
East	67,836	62,599	249	499	0	0
Southwest	43,138	38,813	3,285	3,468	0	0

A.30.3. Average animals per household

	Donkeys		Horses		Camels	
	Now	Year ago	Now	Year ago	Now	Year ago
TOTAL	0.93	0.93	0.11	0.12	0.04	0.05
Agro-ecological zone						
Badakhshan mountains	1.72	1.52	0.25	0.24	0.00	0.00
Central mountains	0.93	0.95	0.12	0.13	0.00	0.00
Eastern mountains	0.55	0.50	0.01	0.01	0.00	0.00
Southern mountains	0.51	0.39	0.02	0.01	0.03	0.01
Northern mountains	1.35	1.41	0.19	0.20	0.04	0.05
Turkistan plains	1.12	1.32	0.33	0.42	0.42	0.49
Herat-Farah lowlands	0.95	0.93	0.05	0.05	0.00	0.02
Helmand River valley	0.27	0.23	0.01	0.01	0.00	0.00
Region						
North	1.02	1.13	0.13	0.18	0.10	0.12
Northeast	1.72	1.82	0.38	0.38	0.13	0.14
West	1.03	0.94	0.05	0.05	0.03	0.04
West Central	1.17	1.21	0.19	0.20	0.00	0.00
Central	0.59	0.48	0.03	0.03	0.00	0.00
South	0.56	0.47	0.03	0.02	0.03	0.01
East	0.61	0.60	0.00	0.01	0.00	0.00
Southwest	0.36	0.35	0.03	0.03	0.00	0.00

Table A.30
Livestock holdings
A.30.4. Average animals per owner of each kind of livestock

	Donkeys		Horses		Camels	
	Now	Year ago	Now	Year ago	Now	Year ago
TOTAL	1.49	1.60	1.34	1.42	2.81	3.08
Agro-ecological zone						
Badakhshan mountains	1.81	1.80	1.26	1.27	.	.
Central mountains	1.33	1.48	1.09	1.13	1.00	1.00
Eastern mountains	1.16	1.20	1.00	1.20	.	.
Southern mountains	1.32	1.19	1.10	1.00	2.00	3.00
Northern mountains	1.75	1.89	1.43	1.46	1.88	2.04
Turkistan plains	1.78	2.06	1.57	1.87	3.82	4.10
Herat-Farah lowlands	1.31	1.36	1.13	1.13	1.00	2.00
Helmand River valley	1.10	1.11	1.20	1.17	.	.
Region						
North	1.43	1.58	1.17	1.37	2.11	2.36
Northeast	2.10	2.34	1.62	1.68	5.97	5.70
West	1.41	1.39	1.10	1.13	1.63	2.14
West Central	1.41	1.63	1.10	1.13	1.00	1.00
Central	1.14	1.12	1.00	1.00	1.00	.
South	1.35	1.29	1.06	1.00	2.11	3.00
East	1.16	1.22	1.00	1.50	.	.
Southwest	1.23	1.31	1.16	1.25	.	.

A.30.5. Percent of farms owning each kind of livestock

	Donkeys		Horses		Camels	
	Now	Year ago	Now	Year ago	Now	Year ago
TOTAL	62.2%	58.0%	8.3%	8.5%	1.6%	1.6%
Agro-ecological zone						
Badakhshan mountains	94.8%	84.5%	19.7%	19.2%	0.0%	0.0%
Central mountains	70.0%	64.6%	10.9%	11.1%	0.2%	0.2%
Eastern mountains	47.7%	41.8%	0.6%	0.7%	0.0%	0.0%
Southern mountains	39.1%	33.1%	1.4%	1.3%	1.4%	0.3%
Northern mountains	77.5%	74.9%	13.5%	13.6%	2.3%	2.4%
Turkistan plains	62.6%	64.2%	21.1%	22.2%	11.0%	11.9%
Herat-Farah lowlands	72.8%	68.2%	4.3%	4.6%	0.3%	0.9%
Helmand River valley	24.3%	20.2%	0.9%	1.1%	0.0%	0.0%
Region						
North	71.6%	71.9%	11.5%	12.8%	4.7%	5.2%
Northeast	81.9%	77.8%	23.3%	22.7%	2.2%	2.5%
West	73.0%	67.8%	4.3%	4.2%	1.7%	1.8%
West Central	83.0%	74.0%	17.5%	17.9%	0.4%	0.4%
Central	51.5%	43.2%	2.5%	2.5%	0.1%	0.0%
South	41.5%	36.6%	2.6%	2.5%	1.4%	0.3%
East	53.0%	48.9%	0.2%	0.4%	0.0%	0.0%
Southwest	29.5%	26.6%	2.2%	2.4%	0.0%	0.0%

Table A.31
Livestock reproduction in 2002

A.31.1. Cattle

	Head of cattle					Head of cattle per household					Births per grown female
	Cattle	Grown females	Milked	Births	Calves	Cattle	Grown females	Milked	Births	Calves	
TOTAL	2,423,618	1,026,381	660,142	530,046	486,974	2.27	0.96	0.62	0.50	0.46	0.52
Agro-ecological zone											
Badakhshan mountains	228,374	111,348	54,575	52,378	27,837	6.46	3.15	1.54	1.48	0.79	0.47
Central mountains	248,383	80,539	63,280	56,512	40,608	1.49	0.48	0.38	0.34	0.24	0.70
Eastern mountains	522,239	207,000	155,624	130,435	143,653	2.95	1.17	0.88	0.74	0.81	0.63
Southern mountains	196,452	62,406	72,418	58,291	97,448	2.47	0.79	0.91	0.73	1.23	0.93
Northern mountains	684,698	321,829	164,161	161,564	89,354	2.43	1.14	0.58	0.57	0.32	0.50
Turkistan plains	146,962	63,508	26,251	21,093	12,839	1.96	0.85	0.35	0.28	0.17	0.33
Herat-Farah lowlands	240,954	72,749	63,918	29,436	66,441	1.64	0.50	0.44	0.20	0.45	0.40
Helmand River valley	155,556	107,002	59,914	20,338	8,795	1.51	1.04	0.58	0.20	0.09	0.19
Region											
North	204,427	65,990	27,009	20,163	21,875	1.15	0.37	0.15	0.11	0.12	0.31
Northeast	818,463	416,408	214,602	206,299	106,076	4.99	2.54	1.31	1.26	0.65	0.50
West	278,098	87,035	67,295	38,008	68,519	1.42	0.44	0.34	0.19	0.35	0.44
West Central	118,439	31,809	23,688	12,859	16,920	1.57	0.42	0.31	0.17	0.22	0.40
Central	220,770	79,720	69,692	54,202	73,625	2.11	0.76	0.67	0.52	0.70	0.68
South	156,841	38,431	64,193	54,863	77,564	2.15	0.53	0.88	0.75	1.06	1.43
East	426,969	182,310	123,951	109,236	106,493	3.34	1.42	0.97	0.85	0.83	0.60
Southwest	199,612	124,677	69,713	34,416	15,901	1.37	0.85	0.48	0.24	0.11	0.28

“Grown females” = Over one year old.

Table A.31
Livestock reproduction in 2002

A.31.2. Sheep

	Head of sheep					Head per household					Births per grown female
	Sheep	Grown females	Milked	Births	Lambs	Sheep	Grown females	Milked	Births	Lambs	
Total	6,362,525	3,947,769	1,492,088	1,305,025	976,913	5.97	3.71	1.40	1.22	0.92	0.33
Agro-ecological zone											
Badakhshan mountains	300,347	180,025	105,488	113,180	45,785	8.50	5.09	2.98	3.20	1.30	0.63
Central mountains	510,303	256,505	124,192	136,374	64,295	3.05	1.53	0.74	0.82	0.38	0.53
Eastern mountains	78,061	15,463	4,739	10,225	10,475	0.44	0.09	0.03	0.06	0.06	0.66
Southern mountains	321,822	95,779	130,153	70,527	147,840	4.05	1.21	1.64	0.89	1.86	0.74
Northern mountains	2,074,094	1,319,784	416,377	429,365	295,334	7.37	4.69	1.48	1.53	1.05	0.33
Turkistan plains	2,351,511	1,737,181	546,924	436,760	288,193	31.41	23.21	7.31	5.83	3.85	0.25
Herat-Farah lowlands	419,672	221,190	140,031	69,385	104,287	2.86	1.51	0.95	0.47	0.71	0.31
Helmand River valley	306,715	121,843	24,185	39,210	20,704	2.97	1.18	0.23	0.38	0.20	0.32
Region											
North	1,481,562	1,076,021	200,597	165,744	212,328	8.33	6.05	1.13	0.93	1.19	0.15
Northeast	3,085,943	2,044,861	850,009	770,182	398,282	18.80	12.46	5.18	4.69	2.43	0.38
West	578,119	337,298	158,213	112,763	122,989	2.94	1.72	0.81	0.57	0.63	0.33
West Central	270,379	137,728	57,528	40,946	20,642	3.58	1.83	0.76	0.54	0.27	0.30
Central	89,448	30,938	14,988	18,877	16,356	0.85	0.30	0.14	0.18	0.16	0.61
South	364,308	117,773	163,085	93,864	169,137	5.00	1.62	2.24	1.29	2.32	0.80
East	56,613	9,727	2,743	7,981	5,986	0.44	0.08	0.02	0.06	0.05	0.82
Southwest	436,152	193,425	44,925	94,669	31,195	2.98	1.32	0.31	0.65	0.21	0.49

Table A.31
Livestock reproduction in 2002
A.31.3. Goats

	Head of goats					Goats per household					Births per grown female
	Goats	Grown females	Milked	Births	Goat kids	Goats	Grown females	Milked	Births	Goat kids	
TOTAL	2,425,774	1,488,374	523,436	552,564	419,667	2.28	1.40	0.49	0.52	0.39	0.37
Agro-ecological zone											
Badakhshan mountains	249,984	181,673	84,061	109,883	16,849	7.07	5.14	2.38	3.11	0.48	0.60
Central mountains	304,219	154,986	73,432	86,968	55,497	1.82	0.93	0.44	0.52	0.33	0.56
Eastern mountains	391,554	186,300	88,786	75,817	140,411	2.21	1.05	0.50	0.43	0.79	0.41
Southern mountains	61,183	22,137	16,241	15,240	21,247	0.77	0.28	0.20	0.19	0.27	0.69
Northern mountains	758,726	498,718	142,862	186,500	89,094	2.70	1.77	0.51	0.66	0.32	0.37
Turkistan plains	123,347	92,281	22,010	13,412	16,393	1.65	1.23	0.29	0.18	0.22	0.15
Herat-Farah lowlands	441,118	293,098	85,785	54,667	77,795	3.01	2.00	0.58	0.37	0.53	0.19
Helmand River valley	95,642	59,181	10,260	10,077	2,382	0.93	0.57	0.10	0.10	0.02	0.17
Region											
North	421,025	289,345	95,205	65,049	69,382	2.37	1.63	0.54	0.37	0.39	0.22
Northeast	593,366	385,662	147,233	207,602	48,019	3.62	2.35	0.90	1.26	0.29	0.54
West	558,784	390,763	92,278	91,811	82,730	2.85	1.99	0.47	0.47	0.42	0.23
West Central	149,910	86,630	14,889	13,874	12,521	1.99	1.15	0.20	0.18	0.17	0.16
Central	49,632	22,503	13,914	12,004	11,804	0.47	0.21	0.13	0.11	0.11	0.53
South	119,542	39,202	51,908	45,678	51,833	1.64	0.54	0.71	0.63	0.71	1.17
East	373,847	178,070	85,793	72,824	135,922	2.92	1.39	0.67	0.57	1.06	0.41
Southwest	159,668	96,200	22,216	43,722	7,458	1.09	0.66	0.15	0.30	0.05	0.45

“Grown females” = Over one year old.

Table A.32
Livestock balance during 2002
A.32.1. Cattle

	Total cattle stock			Main flows during 2002					Unex- plained balance*	% balance
	Now	Year ago	Stock change	Born	Pur- chased	Sold	Slaugh- tered	Dead from disease /drought		
TOTAL	2,423,618	2,462,903	-39,285	530,046	89,508	500,200	108,721	122,352	72,435	3.0%
Agro-ecological zone										
Badakhshan mountains	228,374	182,223	46,151	52,378	23,625	22,709	13,735	14,834	21,427	9.4%
Central mountains	248,383	217,589	30,794	56,512	5,414	24,703	2,369	13,874	9,814	4.0%
Eastern mountains	522,239	532,713	-10,475	130,435	16,959	125,198	19,204	14,714	1,247	0.2%
Southern mountains	196,452	185,551	10,902	58,291	3,115	22,137	9,678	10,679	-8,009	-4.1%
Northern mountains	684,698	737,427	-52,729	161,564	32,728	183,383	53,508	38,962	28,832	4.2%
Turkistan plains	146,962	201,987	-55,025	21,093	917	51,127	2,637	10,776	-12,495	-8.5%
Herat-Farah lowlands	240,954	267,446	-26,492	29,436	5,467	60,133	6,308	14,297	19,344	8.0%
Helmand River valley	155,556	137,967	17,589	20,338	1,283	10,810	1,283	4,214	12,276	7.9%
Region										
North	204,427	291,411	-86,984	20,163	2,796	83,463	10,153	10,011	-6,316	-3.1%
Northeast	818,463	795,679	22,783	206,299	52,396	166,743	56,870	54,561	42,262	5.2%
West	278,098	301,993	-23,895	38,008	7,545	67,147	9,165	14,297	21,162	7.6%
West Central	118,439	108,287	10,152	12,859	2,707	4,399	338	9,814	9,137	7.7%
Central	220,770	184,438	36,332	54,202	5,093	19,521	6,494	4,651	7,702	3.5%
South	156,841	137,392	19,449	54,863	3,472	15,802	6,123	8,362	-8,598	-5.5%
East	426,969	464,378	-37,410	109,236	14,216	121,955	17,957	13,966	-6,983	-1.6%
Southwest	199,612	179,325	20,287	34,416	1,283	21,171	1,621	6,689	14,070	7.0%

(*) Unexplained balance = Sold + slaughtered + dead + stock change – born – purchased. Reflects errors and unreported flows (gifts, theft, payments, etc.).

Table A.32
Livestock balance during 2002
A.32.2. Sheep

	Total sheep stock			Main flows during 2002					Unex- plained balance	% balance
	Now	Year ago	Stock change	Born	Pur- chased	Sold	Slaugh- tered	Dead from disease /drought		
TOTAL	6,362,525	7,665,161	-1,302,636	1,305,025	179,912	1,977,411	394,652	621,667	206,156	3.2%
Agro-ecological zone										
Badakhshan mountains	300,347	222,147	78,200	113,180	28,203	39,924	17,764	28,570	23,075	7.7%
Central mountains	510,303	469,018	41,284	136,374	23,688	91,029	55,497	33,840	61,588	12.1%
Eastern mountains	78,061	92,776	-14,714	10,225	13,966	33,170	10,475	2,993	7,731	9.9%
Southern mountains	321,822	327,717	-5,896	70,527	7,787	54,620	22,582	15,574	8,566	2.7%
Northern mountains	2,074,094	2,670,218	-596,123	429,365	71,691	830,936	122,601	101,822	-41,820	-2.0%
Turkistan plains	2,351,511	2,730,036	-378,525	436,760	8,712	569,278	58,120	288,422	91,823	3.9%
Herat-Farah lowlands	419,672	613,108	-193,436	69,385	20,185	241,374	40,369	50,041	48,780	11.6%
Helmand River valley	306,715	540,141	-233,426	39,210	5,680	117,079	67,243	100,406	6,413	2.1%
Region										
North	1,481,562	2,657,980	-1,176,417	165,744	28,596	950,645	82,878	217,300	-119,934	-8.1%
Northeast	3,085,943	2,763,635	322,308	770,182	64,426	394,426	107,815	189,565	179,506	5.8%
West	578,119	813,894	-235,775	112,763	35,770	336,443	48,162	61,989	62,286	10.8%
West Central	270,379	213,867	56,512	40,946	19,627	13,197	19,289	17,935	46,360	17.1%
Central	89,448	83,312	6,136	18,877	4,638	12,773	6,864	2,684	4,942	5.5%
South	364,308	333,363	30,945	93,864	5,233	48,870	31,900	8,700	21,318	5.9%
East	56,613	75,567	-18,954	7,981	13,467	32,671	10,225	2,993	5,487	9.7%
Southwest	436,152	723,543	-287,391	94,669	8,155	188,386	87,519	120,501	6,190	1.4%

(*) Unexplained balance = Sold + slaughtered + dead + stock change – born – purchased. Reflects errors and unreported flows (gifts, theft, payments, etc.).

Table A.33
Livestock balance during 2002
A.33.3. Goats

	Total goat stock		Stock change	Main flows during 2002					Unexplained balance*	% balance
	Now	Year ago		Born	Purchased	Sold	Slaughtered	Dead from disease/drought		
TOTAL	2,425,774	3,116,456	-690,682	552,564	94,944	915,839	213,335	194,304	-14,713	-0.6%
Agro-ecological zone										
Badakhshan mountains	249,984	174,165	75,819	109,883	16,849	25,639	13,552	14,468	2,747	1.1%
Central mountains	304,219	312,341	-8,122	86,968	6,430	71,063	20,304	23,349	13,197	4.3%
Eastern mountains	391,554	418,489	-26,935	75,817	9,727	91,030	15,712	32,172	26,436	6.8%
Southern mountains	61,183	59,180	2,002	15,240	3,448	12,793	3,448	7,008	6,563	10.7%
Northern mountains	758,726	1,018,735	-260,009	186,500	32,469	331,959	93,510	25,196	-28,313	-3.7%
Turkistan plains	123,347	238,900	-115,552	13,412	1,720	112,342	11,349	27,169	20,176	16.4%
Herat-Farah lowlands	441,118	742,205	-301,087	54,667	22,287	236,749	43,733	39,108	-58,451	-13.3%
Helmand River valley	95,642	152,442	-56,799	10,077	2,015	34,263	11,726	25,834	2,932	3.1%
Region										
North	421,025	735,399	-314,373	65,049	12,575	315,251	31,265	25,838	-19,643	-4.7%
Northeast	593,366	506,264	87,102	207,602	29,630	85,596	51,040	37,098	23,604	4.0%
West	558,784	932,342	-373,557	91,811	31,119	305,842	79,838	43,004	-67,802	-12.1%
West Central	149,910	141,112	8,798	13,874	3,046	9,475	10,152	12,182	23,688	15.8%
Central	49,632	41,528	8,104	12,004	1,228	7,074	672	1,060	3,677	7.4%
South	119,542	100,927	18,616	45,678	3,365	30,539	3,806	3,912	7,829	6.5%
East	373,847	405,520	-31,673	72,824	9,727	91,030	15,712	31,673	24,192	6.5%
Southwest	159,668	253,365	-93,698	43,722	4,254	71,031	20,849	39,537	-10,257	-6.4%

(*) Unexplained balance = Sold + slaughtered + dead + stock change – born – purchased. Reflects errors and unreported flows (gifts, theft, payments, etc.).

Table A.33
Households involved with livestock raising activities
A.33.1. Cattle

	Households involved						
	Owns cattle now	Owned cattle year ago	Had calves born	Purchased cattle	Sold cattle	Slaughtered cattle	Suffered cattle deaths
TOTAL	747,262	732,035	342,596	58,222	233,942	67,586	72,913
Agro-ecological zone							
Badakhshan mountains	35,163	33,514	26,006	9,706	10,073	9,157	9,157
Central mountains	96,782	93,398	48,052	4,399	16,920	2,369	7,783
Eastern mountains	137,667	132,181	95,020	14,465	73,073	14,714	12,719
Southern mountains	62,073	60,070	44,385	2,336	14,128	8,009	9,122
Northern mountains	196,370	199,747	79,743	20,780	74,028	25,196	19,221
Turkistan plains	43,905	48,032	13,298	573	16,966	2,178	2,178
Herat-Farah lowlands	105,128	98,400	18,503	5,046	22,708	5,046	9,251
Helmand River valley	70,174	66,693	17,589	916	6,046	916	3,481
Region							
North	104,215	113,560	14,288	2,048	34,642	3,430	1,780
Northeast	150,183	147,992	100,862	27,453	63,827	32,321	28,776
West	126,168	118,141	22,399	6,605	25,305	5,825	9,251
West Central	50,760	48,052	10,829	2,030	3,046	338	3,722
Central	75,531	69,172	48,894	4,483	14,011	5,301	4,095
South	46,241	44,911	39,483	2,466	10,763	4,899	7,361
East	105,745	105,495	76,316	12,220	70,330	14,216	11,971
Southwest	88,420	84,711	29,526	916	12,017	1,255	5,957

Table A.33
Households involved with livestock raising activities
A.33.2. Sheep

	Households involved						
	Owns sheep now	Owned sheep year ago	Had lambs born	Purchased sheep	Sold sheep	Slaughtered sheep	Suffered sheep deaths
TOTAL	495,926	493,078	201,438	50,868	212,396	172,387	93,245
Agro-ecological zone							
Badakhshan mountains	19,962	19,046	18,131	6,593	8,241	6,776	7,875
Central mountains	104,565	96,782	52,452	10,490	26,057	34,517	17,258
Eastern mountains	42,647	40,153	3,242	8,978	18,455	8,480	1,995
Southern mountains	46,944	46,610	24,473	3,115	14,795	14,684	8,454
Northern mountains	130,913	140,005	70,132	13,507	87,535	44,937	31,170
Turkistan plains	27,054	30,264	7,222	573	18,686	7,451	5,502
Herat-Farah lowlands	59,713	57,190	13,877	5,046	23,969	13,036	12,195
Helmand River valley	64,128	63,029	11,909	2,565	14,658	42,508	8,795
Region							
North	75,280	88,620	21,193	4,126	57,134	19,972	12,217
Northeast	89,662	88,746	67,278	15,509	49,795	36,855	31,032
West	72,700	69,138	20,890	6,085	31,502	15,374	13,494
West Central	45,345	38,577	12,521	8,798	5,414	12,182	6,768
Central	36,192	36,155	12,861	3,151	8,176	6,076	2,461
South	47,118	44,898	28,655	1,117	8,863	17,684	4,909
East	33,669	32,422	1,496	8,729	18,206	8,230	1,995
Southwest	95,960	94,522	36,542	3,353	33,306	56,016	20,369

Table A.33
Households involved with livestock raising activities
A.33.3. Goats

	Households involved						
	Owns goats now	Owned goats year ago	Had goat kids born	Purchased goats	Sold goats	Slaughtered goats	Suffered goat deaths
Agro-ecological zone	353,935	351,593	156,987	30,190	154,005	84,026	67,222
Badakhshan mountains							
Central mountains	23,442	22,526	20,878	6,959	7,142	6,776	6,776
Eastern mountains	64,634	61,588	32,825	3,384	18,950	14,889	12,521
Southern mountains	61,851	58,858	28,182	4,489	39,654	8,729	14,714
Northern mountains	19,579	16,909	9,011	2,002	4,561	2,225	3,448
Turkistan plains	90,393	95,068	45,196	9,091	42,079	27,014	12,987
Herat-Farah lowlands	15,820	19,029	2,751	459	10,890	3,554	1,261
Helmand River valley	59,713	59,292	14,297	2,523	25,231	13,877	10,933
Region	18,506	18,322	3,848	1,283	5,497	6,962	4,581
North							
Northeast	48,754	55,172	12,767	1,902	29,393	8,519	2,071
West	65,834	66,905	49,305	12,529	25,004	24,928	17,915
West Central	74,778	73,838	21,051	4,601	30,945	17,773	11,972
Central	29,779	27,072	4,399	1,692	2,707	6,091	5,753
South	18,179	16,825	8,527	1,117	3,143	561	810
East	23,520	21,406	14,699	1,678	6,643	2,239	2,684
Southwest	56,364	54,618	26,187	4,489	39,654	8,729	14,465
Southwest	36,728	35,756	20,053	2,182	16,515	15,186	11,552

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Table A.34
Apparent livestock performance rates during 2002
A.34.1. Cattle

	Rates relative to average stock						Stock change
	Birth rate	Mortality rate	Natural growth rate	Gross extraction rate	Net extraction rate		
TOTAL	21.7%	5.0%	16.7%	21.3%	19.7%	-1.6%	
Agro-ecological zone							
Badakhshan mountains	25.5%	7.2%	18.3%	6.2%	28.7%	22.5%	
Central mountains	24.3%	6.0%	18.3%	9.3%	22.5%	13.2%	
Eastern mountains	24.7%	2.8%	21.9%	24.2%	22.2%	-2.0%	
Southern mountains	30.5%	5.6%	24.9%	15.0%	20.7%	5.7%	
Northern mountains	22.7%	5.5%	17.2%	28.7%	21.3%	-7.4%	
Turkistan plains	12.1%	6.2%	5.9%	30.3%	-1.2%	-31.5%	
Herat-Farrah lowlands	11.6%	5.6%	6.0%	24.0%	13.6%	-10.4%	
Helmand River valley	13.9%	2.9%	11.0%	7.4%	19.4%	12.0%	
Region							
North	8.1%	4.0%	4.1%	36.6%	1.5%	-35.1%	
Northeast	25.6%	6.8%	18.8%	21.2%	24.0%	2.8%	
West	13.1%	4.9%	8.2%	23.7%	15.5%	-8.2%	
West Central	11.3%	8.7%	2.7%	1.8%	10.7%	9.0%	
Central	26.8%	2.3%	24.5%	10.3%	28.3%	17.9%	
South	37.3%	5.7%	31.6%	12.5%	25.8%	13.2%	
East	24.5%	3.1%	21.4%	28.2%	19.8%	-8.4%	
Southwest	18.2%	3.5%	14.6%	11.4%	22.1%	10.7%	

A.34.2. Sheep

	Rates relative to average stock						Stock change
	Birth rate	Mortality rate	Natural growth rate	Gross extraction rate	Net extraction rate		
TOTAL	18.6%	8.9%	9.7%	31.3%	12.7%	-18.6%	
Agro-ecological zone							
Badakhshan mountains	43.3%	10.9%	32.4%	11.3%	41.2%	29.9%	
Central mountains	27.9%	6.9%	20.9%	25.1%	33.5%	8.4%	
Eastern mountains	12.0%	3.5%	8.5%	34.7%	17.5%	-17.2%	
Southern mountains	21.7%	4.8%	16.9%	21.4%	19.6%	-1.8%	
Northern mountains	18.1%	4.3%	13.8%	37.2%	12.0%	-25.1%	
Turkistan plains	17.2%	11.4%	5.8%	24.4%	9.5%	-14.9%	
Herat-Farrah lowlands	13.4%	9.7%	3.7%	50.7%	13.2%	-37.5%	
Helmand River valley	9.3%	23.7%	-14.5%	42.2%	-12.9%	-55.1%	
Region							
North	8.0%	10.5%	-2.5%	48.6%	-8.3%	-56.8%	
Northeast	26.3%	6.5%	19.9%	15.0%	26.0%	11.0%	
West	16.2%	8.9%	7.3%	50.1%	16.2%	-33.9%	
West Central	16.9%	7.4%	9.5%	5.3%	28.7%	23.3%	
Central	21.9%	3.1%	18.7%	17.4%	24.5%	7.1%	
South	26.9%	2.5%	24.4%	21.7%	30.5%	8.9%	
East	12.1%	4.5%	7.5%	44.5%	15.8%	-28.7%	
Southwest	16.3%	20.8%	-4.5%	46.2%	-3.4%	-49.6%	

Table A.34
Apparent livestock performance rates during 2002
A.34.3. Goats

	Rates relative to average stock					
	Birth rate	Mortality rate	Natural growth rate	Gross extraction rate	Net extraction rate	Stock change
TOTAL	19.9%	7.0%	12.9%	37.3%	12.4%	-24.9%
Agro-ecological zone						
Badakhsan mountains	51.8%	6.8%	45.0%	10.5%	46.3%	35.8%
Central mountains	28.2%	7.6%	20.6%	27.6%	24.9%	-2.6%
Eastern mountains	18.7%	7.9%	10.8%	24.0%	17.3%	-6.7%
Southern mountains	25.3%	11.6%	13.7%	21.3%	24.6%	3.3%
Northern mountains	21.0%	2.8%	18.1%	44.2%	15.0%	-29.3%
Turkistan plains	7.4%	15.0%	-7.6%	67.3%	3.5%	-63.8%
Herat-Farah lowlands	9.2%	6.6%	2.6%	43.6%	-7.2%	-50.9%
Helmand River valley	8.1%	20.8%	-12.7%	35.5%	-10.3%	-45.8%
Region						
North	11.2%	4.5%	6.8%	57.8%	3.4%	-54.4%
Northeast	37.8%	6.7%	31.0%	19.5%	35.3%	15.8%
West	12.3%	5.8%	6.5%	47.6%	-2.5%	-50.1%
West Central	9.5%	8.4%	1.2%	11.4%	17.4%	6.0%
Central	26.3%	2.3%	24.0%	14.3%	32.1%	17.8%
South	41.4%	3.5%	37.9%	28.1%	45.0%	16.9%
East	18.7%	8.1%	10.6%	24.9%	16.8%	-8.1%
Southwest	21.2%	19.1%	2.0%	42.4%	-2.9%	-45.4%

Note to Table A.34
Livestock production and apparent dynamic rates
DEFINITIONS

Stock change	Animals owned now – animals owned one year ago
Natural growth	Animals born – animals dead from disease or drought
Gross extraction*	Animals sold alive + animals slaughtered – animals purchased
Net extraction*	Gross extraction + stock change
Average stock	Average of animals owned now and animals owned one year ago
Stock change rate	Stock change, divided by average stock
Apparent natural growth rate	Natural growth, divided by average stock
Apparent general mortality rate	Animals dead from disease or drought, divided by average stock
Apparent birth rate	Animals born, divided by average stock
Apparent gross extraction rate	Gross extraction, divided by average stock
Apparent net extraction rate	Net extraction, divided by average stock

(*) The net balance of unreported flows of animals (gifts, theft, informal payments) is not included.

Table A.35
Vegetable crops and vegetable garden (number of farms reporting)

		A.35.1. All farms													
	Total	No vegetable crops	Grows vegetable crops	Onion	Tomato	Carrot	Pumpkin	Okra	Garlic	Leek					
TOTAL	1,065,523	622,235	443,288	367,503	381,186	184,061	159,740	206,458	87,897	60,613					
Agro-ecological zone															
Badakhsan mountains	35,346	14,285	21,061	21,061	19,779	15,567	17,581	6,959	3,663	3,480					
Central mountains	167,168	121,823	45,345	42,638	37,900	23,011	9,475	2,030	20,304	23,349					
Eastern mountains	177,322	88,786	88,536	73,073	66,090	25,937	28,182	63,347	36,412	15,463					
Southern mountains	79,426	43,940	35,486	34,819	31,593	12,014	14,128	15,240	6,674	10,568					
Northern mountains	281,308	160,525	120,783	104,419	112,991	74,548	61,820	45,456	14,806	4,416					
Turkistan plains	74,857	49,178	25,678	22,468	22,927	3,554	8,598	4,929	4,356	115					
Herat-Farah lowlands	146,759	95,877	50,882	32,379	43,733	15,138	15,559	31,118	1,682	841					
Helmand River valley	103,338	47,821	55,517	36,645	46,172	14,291	4,397	37,377		2,382					
Region															
North	177,764	130,692	47,072	44,803	42,289	17,870	18,124	12,462	2,988	374					
Northeast	164,134	66,282	97,852	81,586	92,108	63,850	56,108	32,155	19,577	7,116					
West	196,371	122,891	73,480	53,939	65,033	27,087	29,326	43,846	1,942	1,361					
West Central	75,463	52,113	23,349	21,657	21,657	17,258	1,354	338	10,490	15,566					
Central	104,796	41,759	63,036	61,282	55,411	25,971	29,051	28,061	20,188	14,876					
South	72,871	54,553	18,318	17,980	17,419	6,137	7,254	4,227	3,694	10,049					
East	127,941	72,076	55,865	41,151	34,666	9,228	9,727	46,637	23,942	4,489					
Southwest	146,183	81,868	64,315	45,105	52,602	16,660	8,797	38,731	5,076	6,781					

A.35.2. Farms without a vegetable garden in the household

	Total	No vegetable crops	Grows vegetable crops	Onion	Tomato	Carrot	Pumpkin	Okra	Garlic	Leek
TOTAL	672,309	611,128	61,181	48,424	50,541	24,466	22,236	28,947	10,356	9,412
Agro-ecological zone										
Badakhsan mountains	15,200	14,102	1,099	1,099	916	916	733	549	183	366
Central mountains	129,268	121,823	7,445	6,768	7,106	4,738	1,354	1,015	1,692	3,722
Eastern mountains	99,759	84,296	15,463	10,973	9,477	3,990	5,736	9,976	4,739	2,494
Southern mountains	48,501	43,718	4,783	4,672	4,227	779	1,446	2,559	556	1,446
Northern mountains	172,733	157,668	15,065	12,208	13,507	9,611	7,792	5,974	2,078	779
Turkistan plains	52,961	48,605	4,356	3,668	3,783	573	1,261	917	688	
Herat-Farah lowlands	103,867	94,195	9,672	7,569	8,410	2,944	3,364	6,308	421	421
Helmand River valley	50,020	46,722	3,298	1,466	3,115	916	550	1,649		183
Region										
North	134,199	128,644	5,555	4,837	4,691	1,757	2,300	1,956	115	
Northeast	75,006	64,976	10,030	7,204	9,098	6,225	4,629	2,887	2,834	1,146
West	135,556	120,949	14,607	12,504	12,826	6,061	6,221	8,905	421	421
West Central	55,497	52,113	3,384	2,707	3,384	2,707		1,354		2,707
Central	49,702	41,261	8,441	8,080	7,885	3,692	3,384	3,859	1,692	1,719
South	57,014	54,331	2,684	2,684	2,684	1,344	556	445	111	1,562
East	78,560	68,086	10,475	6,235	4,489	748	3,242	8,230	3,492	998
Southwest	86,774	80,769	6,005	4,173	5,484	1,931	1,903	2,664	338	860

Table A.35
Vegetable crops and vegetable garden (number of farms reporting)
A.35.3. Farms with a vegetable garden in the household

	Total	No vegetable crops	Grows vegetable crops	Onion	Tomato	Carrot	Pumpkin	Okra	Garlic	Leek
TOTAL	393,214	11,107	382,107	319,079	330,644	159,595	137,505	177,510	77,541	51,201
Agro-ecological zone										
Badkhashan mountains	20,145	183	19,962	19,962	18,863	14,651	16,849	6,410	3,480	3,113
Central mountains	37,900		37,900	35,870	30,794	18,273	8,122	1,015	18,612	19,627
Eastern mountains	77,563	4,489	73,073	62,100	56,613	21,947	22,446	53,371	31,673	12,969
Southern mountains	30,925	222	30,703	30,146	27,365	11,235	12,682	12,682	6,118	9,122
Northern mountains	108,575	2,857	105,718	92,211	99,484	64,937	54,028	39,482	12,728	3,636
Turkistan plains	21,895	573	21,322	18,800	19,144	2,981	7,337	4,012	3,668	115
Herat-Farah lowlands	42,892	1,682	41,210	24,810	35,323	12,195	12,195	24,810	1,262	421
Helmand River valley	53,318	1,099	52,219	35,179	43,057	13,375	3,848	35,728		2,199
Region										
North	43,565	2,048	41,517	39,966	37,598	16,113	15,824	10,506	2,873	374
Northeast	89,128	1,306	87,822	74,383	83,009	57,624	51,479	29,268	16,743	5,971
West	60,815	1,942	58,873	41,434	52,207	21,026	23,104	34,940	1,521	940
West Central	19,965		19,965	18,950	18,273	14,551	1,354	338	9,137	12,859
Central	55,094	499	54,595	53,202	47,526	22,279	25,667	24,202	18,496	13,157
South	15,857	222	15,635	15,296	14,735	4,793	6,698	3,782	3,583	8,487
East	49,381	3,990	45,390	34,916	30,177	8,480	6,484	38,407	20,451	3,492
Southwest	59,409	1,099	58,310	40,932	47,118	14,729	6,893	36,067	4,738	5,921

Table A.36
Fruit trees and vineyards
A.36.1. Farms possessing various fruit plants

	All farms	Fruit trees	Vines	Trees +vines	Apricot	Peach	Apple	Mul-berry	Pome-granate	Plum	Almond	Pista-chio	Walnuts	Citrus	Other	Fruit trees garden
TOTAL	1,065,523	470,056	133,816	419,629	201,602	79,576	148,481	223,409	62,884	58,405	124,085	4,252	82,923	21,852	16,401	454,799
Agro-ecological zone																
Badakhshan mountains	35,346	20,878	7,142	20,878	19,596	15,384	16,116	17,032	5,128	7,509	4,212	366	12,087	0	2,015	20,511
Central mountains	167,168	64,634	4,061	64,634	29,102	2,369	28,425	15,905	1,015	12,859	18,273	0	19,289	338	0	59,219
Eastern mountains	177,322	71,827	23,194	65,592	30,427	18,455	15,463	53,870	5,487	6,235	6,983	998	12,470	19,204	0	67,088
Southern mountains	79,426	50,726	18,021	46,944	32,149	9,011	34,819	12,125	1,335	8,454	13,349	0	1,557	667	222	49,057
Northern mountains	281,308	114,549	37,144	94,808	43,378	23,897	35,066	32,728	10,909	13,767	49,872	1,558	34,547	1,039	10,130	113,250
Turkistan plains	74,857	33,817	13,412	23,271	2,981	1,146	2,637	12,381	2,293	1,949	14,215	1,146	688	0	2,751	32,671
Herat-Farah lowlands	146,759	38,687	14,718	34,062	18,503	5,467	10,092	27,333	17,662	3,785	2,523	0	2,103	421	0	39,528
Helmand River valley	103,338	74,938	16,124	69,442	25,468	3,848	5,863	52,035	19,055	3,848	14,658	183	183	183	1,283	73,472
Region																
North	177,764	80,262	40,602	49,975	16,923	5,188	4,340	9,558	2,178	5,211	39,667	1,154	27,098	519	7,273	79,368
Northeast	164,134	78,852	15,279	78,852	43,317	33,161	47,401	45,309	14,334	16,715	27,852	1,658	19,185	519	7,363	76,675
West	196,371	48,817	16,536	44,192	24,217	7,545	12,170	34,606	19,480	5,083	3,302	260	3,142	421	260	49,918
West Central	75,463	18,273	0	18,273	10,490	0	677	677	338	0	338	0	15,566	338	0	17,935
Central	104,796	72,178	27,004	65,053	36,776	17,202	33,854	40,323	4,751	8,411	12,593	998	15,943	0	0	66,127
South	72,871	34,490	16,130	31,598	21,628	6,452	27,700	5,117	1,001	10,286	8,009	0	1,557	667	222	33,702
East	127,941	29,180	0	29,180	17,707	4,489	5,986	20,949	1,746	1,746	249	0	249	19,204	0	28,930
Southwest	146,183	108,003	18,265	102,506	30,544	5,540	16,353	66,869	19,055	10,954	32,073	183	183	183	1,283	102,143

Table A.36
Fruit trees and vineyards
A.36.2. Number of trees and vines

	Fruit trees and vines	Vines	Trees	Kind of fruit trees										
				Apricot	Peach	Apple	Mulberry	Pomegranate	Plum	Almond	Pistachio	Walnuts	Citrus	Other
TOTAL	93,974,071	72,164,877	21,809,194	3,743,864	742,130	3,822,813	3,152,476	2,239,631	899,047	4,785,381	84,024	633,470	133,738	1,572,619
Agro-ecological zone														
Badakhshan mountains	1,004,148	28,386	975,761	188,266	136,988	161,528	219,034	35,712	66,479	37,543	1,648	94,133	.	34,430
Central mountains	2,471,314	90,014	2,381,301	578,997	37,900	487,630	203,377	22,673	165,815	770,869	.	112,686	1,354	.
Eastern mountains	24,135,701	23,020,644	1,115,057	193,782	95,020	95,769	456,647	23,693	53,870	36,661	2,494	49,381	107,740	.
Southern mountains	13,676,919	10,144,223	3,532,696	1,069,031	51,950	1,709,782	141,165	16,464	76,534	446,523	.	16,909	3,115	1,224
Northern mountains	14,704,379	9,306,020	5,398,359	558,979	268,840	1,017,696	410,403	567,551	239,748	1,192,247	47,534	300,270	19,481	775,610
Turkistan plains	6,248,532	3,510,243	2,738,290	26,710	23,500	57,318	333,932	365,113	22,010	1,143,829	30,149	1,490	.	734,238
Herat-Farah lowlands	4,308,996	2,709,365	1,599,631	242,215	48,780	201,846	391,918	497,887	36,585	121,949	.	56,769	1,682	.
Helmand River valley	27,424,081	23,355,982	4,068,100	885,883	79,152	91,245	996,000	710,539	238,007	1,035,759	2,199	1,832	366	27,117
Region														
North	15,691,117	12,543,077	3,148,040	196,729	60,627	143,844	70,394	135,843	163,725	1,479,991	30,425	157,607	2,338	706,517
Northeast	5,911,385	257,675	5,653,711	531,251	343,765	1,061,527	745,438	814,351	158,797	889,992	22,931	232,052	17,143	836,463
West	4,663,553	2,753,263	1,910,291	288,191	73,715	233,016	539,455	516,070	42,299	125,585	25,975	63,003	1,682	1,299
West Central	227,741	.	227,741	87,306	.	6,768	11,844	338	.	16,920	.	103,211	1,354	.
Central	26,886,616	23,627,839	3,258,777	879,009	103,856	965,530	496,154	43,881	123,471	586,275	2,494	58,108	.	.
South	12,052,326	9,553,531	2,498,796	730,302	36,376	1,161,902	62,518	12,125	102,556	371,769	.	16,909	3,115	1,224
East	348,408	.	348,408	94,771	30,427	22,945	78,311	6,484	6,235	748	.	748	107,740	.
Southwest	28,192,923	23,429,492	4,763,430	936,304	93,365	227,281	1,148,363	710,539	301,964	1,314,101	2,199	1,832	366	27,117

Table A.37
Orchards and vineyards by size
A.37.1. Farms by size of orchard and vineyard

	TOTAL	Size of orchard and vineyard (Number of fruit trees and vines)							
		None	1 to 19	20 to 49	50 to 99	100 to 199	200 to 499	500 to 999	1000+
TOTAL	1,065,523	595,467	169,356	114,503	53,974	47,420	48,533	16,899	19,371
Agro-ecological zone									
Badakhshan mountains	35,346	14,468	5,128	9,523	3,663	2,381	183		
Central mountains	167,168	102,534	36,547	17,258	6,768	2,030	1,692		338
Eastern mountains	177,322	105,495	40,901	7,731	1,995	1,496	5,986	5,487	8,230
Southern mountains	79,426	28,700	9,456	14,906	8,788	5,785	5,228	2,559	4,005
Northern mountains	281,308	166,759	29,611	31,689	17,923	11,948	17,663	4,935	779
Turkistan plains	74,857	41,039	7,681	5,617	3,324	7,566	6,763	1,720	1,146
Herat-Farah lowlands	146,759	108,072	9,251	7,990	5,467	9,251	5,887		841
Helmand River valley	103,338	28,400	30,781	19,788	6,046	6,962	5,130	2,199	4,031
Region									
North	177,764	97,502	21,453	12,858	4,806	11,706	21,806	6,051	1,582
Northeast	164,134	85,282	16,291	30,854	19,065	8,890	2,804	604	344
West	196,371	147,554	13,927	11,107	6,506	10,550	5,887		841
West Central	75,463	57,189	14,551	3,384	338				
Central	104,796	32,617	20,663	11,975	9,400	7,188	8,340	5,820	8,791
South	72,871	38,381	7,060	11,393	3,680	1,785	4,566	2,225	3,782
East	127,941	98,761	25,189	3,242	748				
Southwest	146,183	38,180	50,222	29,689	9,430	7,301	5,130	2,199	4,031

Table A.37
Orchards and vineyards by size
A.37.2. Total number of fruit trees and vines

	TOTAL	Size of orchard and vineyard (Number of fruit trees and vines)							
		None	1 to 19	20 to 49	50 to 99	100 to 199	200 to 499	500 to 999	1000+
TOTAL	93,974,071	0	1,591,680	3,475,333	3,723,555	6,245,118	14,884,688	11,147,378	52,906,319
Agro-ecological zone									
Badakhshan mountains	1,004,148	0	58,787	304,559	255,112	319,760	65,930	.	.
Central mountains	2,471,314	0	324,861	502,520	504,212	287,638	508,611	.	343,473
Eastern mountains	24,135,701	0	373,099	228,448	131,682	214,482	2,031,593	3,800,570	17,355,827
Southern mountains	13,676,919	0	106,569	464,100	609,603	750,658	1,688,646	1,644,705	8,412,638
Northern mountains	14,704,379	0	286,243	955,096	1,259,262	1,678,756	5,881,492	3,269,458	1,374,071
Turkistan plains	6,248,532	0	70,615	164,501	208,751	924,991	1,755,293	1,037,219	2,087,162
Herat-Farah lowlands	4,308,996	0	84,944	240,113	359,539	1,117,723	1,554,216	.	952,462
Helmand River valley	27,424,081	0	286,561	615,996	395,395	951,110	1,398,907	1,395,426	22,380,686
Region									
North	15,691,117	0	199,907	359,810	293,872	1,518,746	6,949,811	3,899,790	2,469,181
Northeast	5,911,385	0	168,984	981,227	1,363,536	1,245,795	752,904	406,887	992,053
West	4,663,553	0	131,698	323,233	425,255	1,276,690	1,554,216	.	952,462
West Central	227,741	0	113,701	88,660	25,380	.	.	.	.
Central	26,886,616	0	219,972	355,069	663,426	986,397	2,709,686	4,030,283	17,921,783
South	12,052,326	0	82,439	362,996	251,732	230,848	1,519,164	1,414,992	8,190,155
East	348,408	0	200,765	98,512	49,131	.	.	.	.
Southwest	28,192,923	0	474,212	905,825	651,223	986,642	1,398,907	1,395,426	22,380,686

Table A.37
Orchards and vineyards by size
A.37.3. Farms by size of orchard (fruit trees excluding vines)

	TOTAL	Size of orchard (Number of fruit trees, excluding vines)							
		None	1 to 19	20 to 49	50 to 99	100 to 199	200 to 499	500 to 999	1000+
TOTAL	1,065,523	645,894	187,087	123,922	53,951	34,217	16,388	3,089	975
Agro-ecological zone									
Badakhshan mountains	35,346	14,468	5,311	9,523	3,663	2,198	183		
Central mountains	167,168	102,534	36,885	17,935	6,091	2,030	1,354	338	
Eastern mountains	177,322	111,730	50,378	11,472	2,743	998			
Southern mountains	79,426	32,483	11,013	15,351	9,122	7,898	3,004	222	334
Northern mountains	281,308	186,500	29,871	33,508	18,702	8,052	3,636	1,039	
Turkistan plains	74,857	51,586	7,795	5,961	3,324	3,210	1,949	573	459
Herat-Farah lowlands	146,759	112,697	13,036	10,933	4,626	3,785	1,682		
Helmand River valley	103,338	33,896	32,797	19,238	5,680	6,046	4,581	916	183
Region									
North	177,764	127,790	21,453	13,202	7,144	4,088	2,965	1,009	115
Northeast	164,134	85,282	16,589	32,413	17,766	8,333	2,804	604	344
West	196,371	152,179	17,971	14,310	5,405	4,824	1,682		
West Central	75,463	57,189	14,551	3,384	338				
Central	104,796	39,742	30,474	15,494	10,482	6,583	1,683	338	
South	72,871	41,273	8,172	12,172	3,680	4,343	2,674	222	334
East	127,941	98,761	25,189	3,242	748				
Southwest	146,183	43,677	52,688	29,705	8,387	6,046	4,581	916	183

Table A.37
Orchards and vineyards by size
A.37.4. Total number of fruit trees excluding vines, by size of orchard

	TOTAL	Size of orchard (number of fruit trees, excluding vines)							
		None	1 to 19	20 to 49	50 to 99	100 to 199	200 to 499	500 to 999	1000+
TOTAL	21,809,194	0	1,748,814	3,735,050	3,675,160	4,550,419	4,389,222	2,120,327	1,590,202
Agro-ecological zone									
Badakhshan mountains	975,761	0	61,351	297,417	259,141	293,754	64,098	.	.
Central mountains	2,381,301	0	329,937	526,884	439,239	315,048	433,487	336,705	.
Eastern mountains	1,115,057	0	470,364	335,939	169,840	138,914	.	.	.
Southern mountains	3,532,696	0	124,368	465,323	627,180	1,027,093	787,034	162,413	339,287
Northern mountains	5,398,359	0	284,165	1,018,215	1,291,991	1,097,698	1,002,371	703,919	.
Turkistan plains	2,738,290	0	69,010	174,475	208,865	408,560	473,214	354,796	1,049,370
Herat-Farah lowlands	1,599,631	0	117,744	314,544	304,031	470,133	393,180	.	.
Helmand River valley	4,068,100	0	291,874	602,254	374,874	799,219	1,235,839	562,495	201,545
Region									
North	3,148,040	0	193,985	369,004	441,264	507,948	789,129	674,755	171,953
Northeast	5,653,711	0	173,267	1,030,970	1,273,276	1,164,267	750,553	383,960	877,417
West	1,910,291	0	165,018	404,677	349,487	597,930	393,180	.	.
West Central	227,741	0	113,701	88,660	25,380	.	.	.	.
Central	3,258,777	0	321,687	455,551	723,165	917,706	503,964	336,705	.
South	2,498,796	0	94,676	374,788	247,727	563,349	716,556	162,413	339,287
East	348,408	0	200,765	98,512	49,131	.	.	.	.
Southwest	4,763,430	0	485,714	912,889	565,730	799,219	1,235,839	562,495	201,545

Table A.37
Orchards and vineyards by size
A.37.5. Farms by size of vineyard

	TOTAL	Size of vineyards (number of vines)							
		None	1 to 19	20 to 49	50 to 99	100 to 199	200 to 499	500 to 999	1000+
TOTAL	1,065,523	931,707	35,429	9,349	3,784	18,788	35,037	13,295	18,134
Agro-ecological zone									
Badakhshan mountains	35,346	28,203	7,142						
Central mountains	167,168	163,107	1,692	2,030	338				
Eastern mountains	177,322	154,128	2,743	249		499	5,986	5,487	8,230
Southern mountains	79,426	61,405	4,672	1,669	556	445	4,783	2,002	3,893
Northern mountains	281,308	244,164	10,390	2,078		6,494	14,286	3,377	519
Turkistan plains	74,857	61,444	802	229	1,261	4,127	5,044	1,146	802
Herat-Farah lowlands	146,759	132,041	841	1,262	1,262	6,308	4,205		841
Helmand River valley	103,338	87,214	7,146	1,832	366	916	733	1,283	3,848
Region									
North	177,764	137,162	3,660	489	1,261	10,246	19,215	4,523	1,207
Northeast	164,134	148,855	13,636	1,299		115	115		115
West	196,371	179,835	1,880	1,781	1,262	6,567	4,205		841
West Central	75,463	75,463							
Central	104,796	77,791	4,658	810	111	721	6,431	5,820	8,453
South	72,871	56,741	4,450	1,335	445	222	4,338	1,669	3,671
East	127,941	127,941							
Southwest	146,183	127,918	7,146	3,635	705	916	733	1,283	3,848

Table A.37
Orchards and vineyards by size
A.37.6. Number of vines by size of vineyard

	TOTAL	Size of vineyards (number of vines)							
		None	1 to 19	20 to 49	50 to 99	100 to 199	200 to 499	500 to 999	1000+
TOTAL	72,164,877	0	189,911	281,610	218,851	2,366,492	10,935,661	8,580,570	49,591,783
Agro-ecological zone									
Badakhshan mountains	28,386	0	28,386	.	.	.	.	.	.
Central mountains	90,014	0	12,182	60,911	16,920	.	.	.	.
Eastern mountains	23,020,644	0	13,717	7,482	.	67,337	1,970,241	3,728,494	17,233,373
Southern mountains	10,144,223	0	22,137	45,831	34,485	52,284	1,435,015	1,201,408	7,353,063
Northern mountains	9,306,020	0	38,183	72,730	.	935,096	4,987,177	2,220,852	1,051,983
Turkistan plains	3,510,243	0	6,993	9,171	74,513	468,858	1,311,426	641,957	997,326
Herat-Farah lowlands	2,709,365	0	5,467	37,846	67,282	727,487	1,030,257	.	841,026
Helmand River valley	23,355,982	0	62,845	47,638	25,651	115,430	201,545	787,859	22,115,013
Region									
North	12,543,077	0	11,928	16,963	74,513	1,366,515	6,275,676	2,862,809	1,934,673
Northeast	257,675	0	59,297	49,352	.	11,464	22,927	.	114,635
West	2,753,263	0	7,804	53,431	67,282	753,462	1,030,257	.	841,026
West Central	0	0	.	.	.	.	.	.	.
Central	23,627,839	0	26,789	19,812	6,674	91,810	2,109,293	3,917,604	17,455,856
South	9,553,531	0	21,247	37,822	27,810	27,810	1,295,963	1,012,298	7,130,580
East	0	0	.	.	.	.	.	.	.
Southwest	23,429,492	0	62,845	104,229	42,571	115,430	201,545	787,859	22,115,013

Table A.38
Average household wheat balance

	Wheat from farm	Wheat sold so far**	Wheat paid for land rent	Paid for other obligations	Household wheat req.	People in household	Per capita wheat req.	Months covered*	Have purchased wheat**	Have received food aid**
TOTAL	2,006	224	84	254	2,192	11.4	204	7.9	69.1%	13.7%
Agro-ecological zone										
Badakhshan mountains	4,594	643	120	603	2,113	11.8	193	18.3	39.4%	21.2%
Central mountains	1,261	89	30	101	2,020	11.6	184	6.2	66.8%	14.0%
Eastern mountains	1,181	60	37	47	2,739	11.4	256	4.5	89.6%	2.7%
Southern mountains	1,608	220	214	312	2,354	13.5	183	4.4	80.4%	0.3%
Northern mountains	2,742	355	25	389	2,037	10.7	204	11.6	56.1%	18.3%
Turkistan plains	3,592	440	46	453	2,603	14.1	205	12.2	52.7%	21.7%
Herat-Farah lowlands	1,232	96	28	225	2,045	11.5	178	5.2	77.1%	28.4%
Helmand River valley	1,992	254	402	225	1,760	8.7	201	7.6	74.6%	0.4%
Region										
North	2,014	217	22	342	2,151	11.7	200	8.0	66.6%	18.4%
Northeast	4,660	701	62	546	2,142	11.5	204	18.8	40.4%	16.7%
West	1,327	81	25	241	2,083	11.2	188	5.6	71.1%	28.9%
West Central	1,643	187	35	65	1,548	11.2	145	10.5	55.6%	7.2%
Central	1,067	44	61	97	2,037	13.3	163	5.1	80.8%	8.3%
South	1,771	245	198	344	2,809	14.8	199	4.2	76.5%	13.2%
East	1,229	48	28	45	2,955	10.4	290	4.5	92.4%	0.4%
Southwest	1,585	182	295	187	1,910	8.7	218	5.8	75.9%	3.0%

(*) Average months of wheat self sufficiency, covered by own production (maximum 12 months, even if a surplus exists).

(**) Since the harvest, up to the time of the Winter Survey.

Table A.39
Cereal output, households and population by categories of farm household cereal output per capita
A.39.1. Cereal output 2001-02, in Metric Tons

	Total wheat output	Categories of farm household cereal output per capita (Kg/person), 2001-02									
		Households below self-sufficiency					Near self-sufficiency		Households above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-250 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	2,731,272	0	12,255	52,755	154,585	193,161	164,037	166,297	639,163	638,324	710,695
Agro-ecological zone											
Badakhshan mountains	213,629	0	73	415	2,931	8,492	6,921	7,875	42,836	38,190	105,896
Central mountains	219,236	0	3,087	9,822	32,657	29,686	25,413	34,441	62,231	20,007	1,892
Eastern mountains	328,840	0	1,799	7,420	25,557	36,341	28,855	18,717	65,800	89,250	55,102
Southern mountains	142,681	0	1,583	6,454	17,404	15,765	10,513	5,932	30,285	36,002	18,743
Northern mountains	1,035,881	0	2,062	10,636	23,989	39,162	39,255	44,730	246,925	284,536	344,587
Turkistan plains	295,632	0	1,073	2,987	10,114	18,983	16,927	20,240	82,559	81,855	60,894
Herat-Farah lowlands	209,109	0	1,776	11,564	32,227	29,570	25,032	24,192	57,099	23,254	4,394
Helmand River valley	286,266	0	802	3,458	9,707	15,164	11,121	10,170	51,428	65,230	119,187
Region											
North	439,811	0	2,085	8,908	22,396	31,757	29,643	30,434	145,669	105,273	63,647
Northeast	1,018,520	0	717	2,100	8,751	24,718	23,296	32,104	199,818	282,819	444,197
West	295,918	0	2,182	14,593	38,114	39,731	35,196	34,499	83,932	39,743	7,927
West Central	131,449	0	2,131	4,257	12,487	9,677	15,265	22,169	44,930	18,642	1,892
Central	117,036	0	1,365	8,373	27,611	26,991	16,223	10,908	17,153	8,412	
South	144,101	0	441	4,034	12,925	16,729	7,591	6,435	41,203	36,002	18,743
East	270,837	0	1,590	4,394	17,095	23,834	20,896	14,989	50,734	82,202	55,102
Southwest	313,600	0	1,745	6,095	15,208	19,724	15,927	14,758	55,725	65,230	119,187

A.39.2. Farm households

	Total farm households	Categories of farm household cereal output per capita (Kg/person), 2001-02									
		Households below self-sufficiency					Near self-sufficiency		Households above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-250 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	1,065,523	129,537	59,734	113,403	176,416	135,317	86,324	67,447	171,695	90,282	35,369
Agro-ecological zone											
Badakhshan mountains	35,346	.	366	1,099	3,296	5,311	2,564	3,113	10,805	5,128	3,663
Central mountains	167,168	25,718	13,874	24,026	37,900	21,657	13,874	11,844	15,566	2,369	338
Eastern mountains	177,322	35,165	10,724	17,707	31,175	26,187	15,213	8,480	17,458	11,722	3,492
Southern mountains	79,426	14,016	6,118	13,238	18,577	9,789	5,006	2,559	5,896	3,560	667
Northern mountains	281,308	24,416	10,130	20,780	28,313	29,092	21,299	20,001	68,574	42,599	16,104
Turkistan plains	74,857	2,407	3,439	5,159	8,598	9,171	7,107	6,649	19,373	10,203	2,751
Herat-Farah lowlands	146,759	16,821	7,569	21,867	32,800	20,185	14,297	9,672	18,082	4,626	841
Helmand River valley	103,338	10,993	7,512	9,528	15,757	13,925	6,962	5,130	15,940	10,077	7,512
Region											
North	177,764	20,995	9,879	17,259	23,785	20,209	14,708	11,599	39,846	15,801	3,683
Northeast	164,134	115	1,459	3,544	8,370	16,091	11,587	14,008	51,374	39,271	18,316
West	196,371	22,535	10,167	28,101	40,852	27,458	18,973	13,828	25,615	7,483	1,361
West Central	75,463	1,015	8,122	10,490	17,258	7,783	8,122	8,122	12,182	2,030	338
Central	104,796	17,306	5,043	17,410	29,501	17,751	8,250	3,174	4,774	1,585	
South	72,871	27,265	1,117	7,060	11,987	8,724	3,115	2,234	7,143	3,560	667
East	127,941	20,451	9,477	11,472	21,698	19,204	11,223	6,983	13,467	10,475	3,492
Southwest	146,183	19,856	14,470	18,066	22,965	18,097	10,346	7,499	17,294	10,077	7,512

A.39.3. Farm population

	Total farm population	Categories of farm household cereal output per capita (Kg/person), 2001-02									
		Households below self-sufficiency					Near self-sufficiency		Households above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-250 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	12,103,964	1,488,527	768,899	1,403,927	2,088,337	1,541,317	940,639	735,835	1,811,659	929,975	394,849
Agro-ecological zone											
Badakhshan mountains	416,274	.	4,945	11,538	40,474	67,395	40,290	35,529	119,956	54,575	41,572
Central mountains	1,940,369	315,386	175,967	257,520	434,840	233,494	145,511	154,309	188,487	33,163	1,692
Eastern mountains	2,024,525	449,664	121,706	206,252	350,653	292,793	164,104	82,466	189,293	126,195	41,400
Southern mountains	1,070,254	201,013	90,662	174,983	243,508	126,037	62,073	26,475	81,985	53,062	10,457
Northern mountains	3,006,333	242,086	126,238	278,710	330,141	314,556	225,462	198,188	689,373	413,520	188,058
Turkistan plains	1,055,560	27,398	72,793	83,225	130,455	149,484	96,064	89,874	243,370	121,284	41,613
Herat-Farah lowlands	1,693,406	160,636	112,277	306,133	425,980	240,113	144,656	104,287	158,113	37,846	3,364
Helmand River valley	897,243	92,344	64,311	85,565	132,287	117,446	62,479	44,706	141,082	90,329	66,693
Region											
North	2,078,376	219,428	139,381	236,762	311,560	253,238	169,474	133,617	417,767	158,074	39,076
Northeast	1,894,579	2,522	38,620	65,021	112,364	195,856	135,718	144,778	560,904	408,967	229,829
West	2,198,617	208,170	138,252	377,824	503,125	322,453	201,282	149,484	232,141	60,185	5,702
West Central	848,023	11,506	121,146	114,717	169,199	77,831	87,306	98,812	135,359	30,456	1,692
Central	1,391,899	275,099	81,240	232,492	379,423	213,736	93,405	48,851	52,227	15,426	.
South	1,077,180	389,958	24,224	99,451	182,164	129,315	44,942	28,530	115,079	53,062	10,457
East	1,336,686	210,741	102,253	117,716	227,700	193,782	118,963	66,754	143,902	113,476	41,400
Southwest	1,278,603	171,104	123,783	159,945	202,803	155,105	89,551	65,010	154,279	90,329	66,693

A.39.4. Percent of cereal output

	Total wheat output	Categories of farm household cereal output per capita (Kg/person), 2001-02									
		Households below self-sufficiency					Near self-sufficiency		Households above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-250 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	100.0%	0.0%	0.4%	1.9%	5.7%	7.1%	6.0%	6.1%	23.4%	23.4%	26.0%
Agro-ecological zone											
Badakhshan mountains	100.0%	0.0%	0.0%	0.2%	1.4%	4.0%	3.2%	3.7%	20.1%	17.9%	49.6%
Central mountains	100.0%	0.0%	1.4%	4.5%	14.9%	13.5%	11.6%	15.7%	28.4%	9.1%	0.9%
Eastern mountains	100.0%	0.0%	0.5%	2.3%	7.8%	11.1%	8.8%	5.7%	20.0%	27.1%	16.8%
Southern mountains	100.0%	0.0%	1.1%	4.5%	12.2%	11.0%	7.4%	4.2%	21.2%	25.2%	13.1%
Northern mountains	100.0%	0.0%	0.2%	1.0%	2.3%	3.8%	3.8%	4.3%	23.8%	27.5%	33.3%
Turkistan plains	100.0%	0.0%	0.4%	1.0%	3.4%	6.4%	5.7%	6.8%	27.9%	27.7%	20.6%
Herat-Farah lowlands	100.0%	0.0%	0.8%	5.5%	15.4%	14.1%	12.0%	11.6%	27.3%	11.1%	2.1%
Helmand River valley	100.0%	0.0%	0.3%	1.2%	3.4%	5.3%	3.9%	3.6%	18.0%	22.8%	41.6%
Region											
North	100.0%	0.0%	0.5%	2.0%	5.1%	7.2%	6.7%	6.9%	33.1%	23.9%	14.5%
Northeast	100.0%	0.0%	0.1%	0.2%	0.9%	2.4%	2.3%	3.2%	19.6%	27.8%	43.6%
West	100.0%	0.0%	0.7%	4.9%	12.9%	13.4%	11.9%	11.7%	28.4%	13.4%	2.7%
West Central	100.0%	0.0%	1.6%	3.2%	9.5%	7.4%	11.6%	16.9%	34.2%	14.2%	1.4%
Central	100.0%	0.0%	1.2%	7.2%	23.6%	23.1%	13.9%	9.3%	14.7%	7.2%	
South	100.0%	0.0%	0.3%	2.8%	9.0%	11.6%	5.3%	4.5%	28.6%	25.0%	13.0%
East	100.0%	0.0%	0.6%	1.6%	6.3%	8.8%	7.7%	5.5%	18.7%	30.4%	20.3%
Southwest	100.0%	0.0%	0.6%	1.9%	4.8%	6.3%	5.1%	4.7%	17.8%	20.8%	38.0%

A.39.5. Percent of farm households

	Total farm households	Categories of farm household cereal output per capita (Kg/person), 2001-02									
		Households below self-sufficiency					Near self-sufficiency		Households above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-250 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	100.0%	12.2%	5.6%	10.6%	16.6%	12.7%	8.1%	6.3%	16.1%	8.5%	3.3%
Agro-ecological zone											
Badakhshan mountains	100.0%		1.0%	3.1%	9.3%	15.0%	7.3%	8.8%	30.6%	14.5%	10.4%
Central mountains	100.0%	15.4%	8.3%	14.4%	22.7%	13.0%	8.3%	7.1%	9.3%	1.4%	0.2%
Eastern mountains	100.0%	19.8%	6.0%	10.0%	17.6%	14.8%	8.6%	4.8%	9.8%	6.6%	2.0%
Southern mountains	100.0%	17.6%	7.7%	16.7%	23.4%	12.3%	6.3%	3.2%	7.4%	4.5%	0.8%
Northern mountains	100.0%	8.7%	3.6%	7.4%	10.1%	10.3%	7.6%	7.1%	24.4%	15.1%	5.7%
Turkistan plains	100.0%	3.2%	4.6%	6.9%	11.5%	12.3%	9.5%	8.9%	25.9%	13.6%	3.7%
Herat-Farah lowlands	100.0%	11.5%	5.2%	14.9%	22.3%	13.8%	9.7%	6.6%	12.3%	3.2%	0.6%
Helmand River valley	100.0%	10.6%	7.3%	9.2%	15.2%	13.5%	6.7%	5.0%	15.4%	9.8%	7.3%
Region											
North	100.0%	11.8%	5.6%	9.7%	13.4%	11.4%	8.3%	6.5%	22.4%	8.9%	2.1%
Northeast	100.0%	0.1%	0.9%	2.2%	5.1%	9.8%	7.1%	8.5%	31.3%	23.9%	11.2%
West	100.0%	11.5%	5.2%	14.3%	20.8%	14.0%	9.7%	7.0%	13.0%	3.8%	0.7%
West Central	100.0%	1.3%	10.8%	13.9%	22.9%	10.3%	10.8%	10.8%	16.1%	2.7%	0.4%
Central	100.0%	16.5%	4.8%	16.6%	28.2%	16.9%	7.9%	3.0%	4.6%	1.5%	
South	100.0%	37.4%	1.5%	9.7%	16.4%	12.0%	4.3%	3.1%	9.8%	4.9%	0.9%
East	100.0%	16.0%	7.4%	9.0%	17.0%	15.0%	8.8%	5.5%	10.5%	8.2%	2.7%
Southwest	100.0%	13.6%	9.9%	12.4%	15.7%	12.4%	7.1%	5.1%	11.8%	6.9%	5.1%

A.39.6. Percent of farm population

	Total farm population	Categories of farm household cereal output per capita (Kg/person), 2001-02									
		Households below self-sufficiency					Near self-sufficiency		Households above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-250 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	100.0%	12.3%	6.4%	11.6%	17.3%	12.7%	7.8%	6.1%	15.0%	7.7%	3.3%
Agro-ecological zone											
Badakhshan mountains	100.0%		1.2%	2.8%	9.7%	16.2%	9.7%	8.5%	28.8%	13.1%	10.0%
Central mountains	100.0%	16.3%	9.1%	13.3%	22.4%	12.0%	7.5%	8.0%	9.7%	1.7%	0.1%
Eastern mountains	100.0%	22.2%	6.0%	10.2%	17.3%	14.5%	8.1%	4.1%	9.3%	6.2%	2.0%
Southern mountains	100.0%	18.8%	8.5%	16.3%	22.8%	11.8%	5.8%	2.5%	7.7%	5.0%	1.0%
Northern mountains	100.0%	8.1%	4.2%	9.3%	11.0%	10.5%	7.5%	6.6%	22.9%	13.8%	6.3%
Turkistan plains	100.0%	2.6%	6.9%	7.9%	12.4%	14.2%	9.1%	8.5%	23.1%	11.5%	3.9%
Herat-Farah lowlands	100.0%	9.5%	6.6%	18.1%	25.2%	14.2%	8.5%	6.2%	9.3%	2.2%	0.2%
Helmand River valley	100.0%	10.3%	7.2%	9.5%	14.7%	13.1%	7.0%	5.0%	15.7%	10.1%	7.4%
Region											
North	100.0%	10.6%	6.7%	11.4%	15.0%	12.2%	8.2%	6.4%	20.1%	7.6%	1.9%
Northeast	100.0%	0.1%	2.0%	3.4%	5.9%	10.3%	7.2%	7.6%	29.6%	21.6%	12.1%
West	100.0%	9.5%	6.3%	17.2%	22.9%	14.7%	9.2%	6.8%	10.6%	2.7%	0.3%
West Central	100.0%	1.4%	14.3%	13.5%	20.0%	9.2%	10.3%	11.7%	16.0%	3.6%	0.2%
Central	100.0%	19.8%	5.8%	16.7%	27.3%	15.4%	6.7%	3.5%	3.8%	1.1%	
South	100.0%	36.2%	2.2%	9.2%	16.9%	12.0%	4.2%	2.6%	10.7%	4.9%	1.0%
East	100.0%	15.8%	7.6%	8.8%	17.0%	14.5%	8.9%	5.0%	10.8%	8.5%	3.1%
Southwest	100.0%	13.4%	9.7%	12.5%	15.9%	12.1%	7.0%	5.1%	12.1%	7.1%	5.2%

Table A.40
Cereal output by categories of farm household cereal balance category
A.40.1. Cereal output 2001-02, in metric tons

	Total cereal output	Household cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	2,731,272	412,756	330,334	1,988,182
Agro-ecological zone				
Badakhsan mountains	213,629	11,911	14,796	186,921
Central mountains	219,236	75,252	59,854	84,130
Eastern mountains	328,840	71,117	47,572	210,152
Southern mountains	142,681	41,206	16,445	85,030
Northern mountains	1,035,881	75,848	83,985	876,048
Turkistan plains	295,632	33,156	37,167	225,308
Herat-Farah lowlands	209,109	75,137	49,224	84,748
Helmand River valley	286,266	29,130	21,291	235,845
Region				
North	439,811	65,145	60,077	314,589
Northeast	1,018,520	36,286	55,400	926,834
West	295,918	94,621	69,694	131,603
West Central	131,449	28,552	37,434	65,464
Central	117,036	64,339	27,132	25,565
South	144,101	34,128	14,026	95,948
East	270,837	46,913	35,885	188,038
Southwest	313,600	42,772	30,685	240,142

A.40.2. Households

	Total farm households	Household cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	1,065,523	614,407	153,771	297,346
Agro-ecological zone				
Badakhsan mountains	35,346	10,073	5,677	19,596
Central mountains	167,168	123,177	25,718	18,273
Eastern mountains	177,322	120,958	23,693	32,671
Southern mountains	79,426	61,739	7,564	10,123
Northern mountains	281,308	112,731	41,300	127,277
Turkistan plains	74,857	28,773	13,756	32,327
Herat-Farah lowlands	146,759	99,241	23,969	23,549
Helmand River valley	103,338	57,715	12,093	33,530
Region				
North	177,764	92,128	26,307	59,330
Northeast	164,134	29,578	25,595	108,961
West	196,371	129,112	32,801	34,458
West Central	75,463	44,668	16,243	14,551
Central	104,796	87,012	11,425	6,359
South	72,871	56,153	5,349	11,370
East	127,941	82,301	18,206	27,434
Southwest	146,183	93,455	17,845	34,883

Table A.40
Cereal output by categories of farm household cereal balance category
A.40.3. Population

	Total farm population	Household cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	12,103,964	7,291,006	1,676,474	3,136,483
Agro-ecological zone				
Badakhsan mountains	416,274	124,351	75,819	216,103
Central mountains	1,940,369	1,417,207	299,820	223,342
Eastern mountains	2,024,525	1,421,067	246,569	356,888
Southern mountains	1,070,254	836,202	88,548	145,504
Northern mountains	3,006,333	1,291,731	423,650	1,290,952
Turkistan plains	1,055,560	463,355	185,938	406,267
Herat-Farah lowlands	1,693,406	1,245,139	248,944	199,323
Helmand River valley	897,243	491,954	107,185	298,104
Region				
North	2,078,376	1,160,368	303,090	614,917
Northeast	1,894,579	414,383	280,496	1,199,700
West	2,198,617	1,549,824	350,765	298,028
West Central	848,023	494,398	186,118	167,507
Central	1,391,899	1,181,989	142,255	67,654
South	1,077,180	825,111	73,472	178,598
East	1,336,686	852,192	185,716	298,778
Southwest	1,278,603	812,740	154,561	311,301

A.40.4. Percent origin or cereal output 2001-02

	Total cereal output	Household cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	100.0%	15.1%	12.1%	72.8%
Agro-ecological zone				
Badakhsan mountains	100.0%	5.6%	6.9%	87.5%
Central mountains	100.0%	34.3%	27.3%	38.4%
Eastern mountains	100.0%	21.6%	14.5%	63.9%
Southern mountains	100.0%	28.9%	11.5%	59.6%
Northern mountains	100.0%	7.3%	8.1%	84.6%
Turkistan plains	100.0%	11.2%	12.6%	76.2%
Herat-Farah lowlands	100.0%	35.9%	23.5%	40.5%
Helmand River valley	100.0%	10.2%	7.4%	82.4%
Region				
North	100.0%	14.8%	13.7%	71.5%
Northeast	100.0%	3.6%	5.4%	91.0%
West	100.0%	32.0%	23.6%	44.5%
West Central	100.0%	21.7%	28.5%	49.8%
Central	100.0%	55.0%	23.2%	21.8%
South	100.0%	23.7%	9.7%	66.6%
East	100.0%	17.3%	13.2%	69.4%
Southwest	100.0%	13.6%	9.8%	76.6%

Table A.40
Cereal output by categories of farm household cereal balance category
A.40.5. Percent of households

TOTAL	Total farm households	Household gross cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	100.0%	57.7%	14.4%	27.9%
Agro-ecological zone				
Badakhsan mountains	100.0%	28.5%	16.1%	55.4%
Central mountains	100.0%	73.7%	15.4%	10.9%
Eastern mountains	100.0%	68.2%	13.4%	18.4%
Southern mountains	100.0%	77.7%	9.5%	12.7%
Northern mountains	100.0%	40.1%	14.7%	45.2%
Turkistan plains	100.0%	38.4%	18.4%	43.2%
Herat-Farah lowlands	100.0%	67.6%	16.3%	16.0%
Helmand River valley	100.0%	55.9%	11.7%	32.4%
Region				
North	100.0%	51.8%	14.8%	33.4%
Northeast	100.0%	18.0%	15.6%	66.4%
West	100.0%	65.7%	16.7%	17.5%
West Central	100.0%	59.2%	21.5%	19.3%
Central	100.0%	83.0%	10.9%	6.1%
South	100.0%	77.1%	7.3%	15.6%
East	100.0%	64.3%	14.2%	21.4%
Southwest	100.0%	63.9%	12.2%	23.9%

Gross cereal balance = Total cereal output – 200 kg per capita

A.40.6. Percent of population

TOTAL	Total farm population	Household gross cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	100.0%	60.2%	13.9%	25.9%
Agro-ecological zone				
Badakhsan mountains	100.0%	29.9%	18.2%	51.9%
Central mountains	100.0%	73.0%	15.5%	11.5%
Eastern mountains	100.0%	70.2%	12.2%	17.6%
Southern mountains	100.0%	78.1%	8.3%	13.6%
Northern mountains	100.0%	43.0%	14.1%	42.9%
Turkistan plains	100.0%	43.9%	17.6%	38.5%
Herat-Farah lowlands	100.0%	73.5%	14.7%	11.8%
Helmand River valley	100.0%	54.8%	11.9%	33.2%
Region				
North	100.0%	55.8%	14.6%	29.6%
Northeast	100.0%	21.9%	14.8%	63.3%
West	100.0%	70.5%	16.0%	13.6%
West Central	100.0%	58.3%	21.9%	19.8%
Central	100.0%	84.9%	10.2%	4.9%
South	100.0%	76.6%	6.8%	16.6%
East	100.0%	63.8%	13.9%	22.4%
Southwest	100.0%	63.6%	12.1%	24.3%

Table A.41
Farm household cereal balance and wheat sales by household cereal balance category
A.41.1. Gross cereal balance (metric tons)

	Total gross cereal balance	Household gross cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	310,480	-1,045,445	-4,961	1,360,886
Agro-ecological zone				
Badakhshan mountains	130,374	-12,959	-367	143,701
Central mountains	-168,838	-208,190	-110	39,461
Eastern mountains	-76,065	-213,097	-1,742	138,775
Southern mountains	-71,370	-126,035	-1,265	55,929
Northern mountains	434,614	-182,498	-745	617,857
Turkistan plains	84,519	-59,515	-21	144,055
Herat-Farah lowlands	-129,572	-173,891	-565	44,883
Helmand River valley	106,818	-69,260	-147	176,225
Region				
North	24,136	-166,928	-541	191,605
Northeast	639,605	-46,591	-699	686,894
West	-143,805	-215,344	-459	71,997
West Central	-38,155	-70,328	210	31,962
Central	-161,344	-172,059	-1,320	12,034
South	-71,335	-130,894	-669	60,228
East	3,500	-123,525	-1,258	128,283
Southwest	57,879	-119,776	-227	177,882

A.41.2. Net cereal balance (cereal balance net of obligations in kind) in metric tons

	Total net cereal balance	Household gross cereal category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	-49,660	-1,116,181	-46,604	1,113,125
Agro-ecological zone				
Badakhshan mountains	104,824	-14,036	-1,546	120,406
Central mountains	-190,766	-217,748	-4,463	31,445
Eastern mountains	-91,022	-218,409	-3,525	130,912
Southern mountains	-113,122	-137,897	-6,740	31,515
Northern mountains	317,992	-192,715	-11,209	521,916
Turkistan plains	47,184	-66,116	-4,478	117,777
Herat-Farah lowlands	-166,808	-191,069	-9,775	34,036
Helmand River valley	42,059	-78,192	-4,869	125,119
Region				
North	-40,591	-178,686	-8,505	146,600
Northeast	539,836	-50,539	-6,501	596,876
West	-196,053	-234,711	-12,002	50,660
West Central	-45,681	-71,152	-1,992	27,463
Central	-177,952	-182,815	-4,179	9,043
South	-110,822	-139,301	-5,041	33,520
East	-5,919	-126,652	-2,153	122,886
Southwest	-12,478	-132,326	-6,231	126,078

Net cereal balance = Gross balance - wheat paid for land rent or other obligations.

The cereal balance categories are defined as before, in terms of gross balance, even in this table concerning net balance.

Table A.41
Farm household cereal balance and wheat sales by household cereal balance category

A.41.3. Wheat already sold by the time of the survey (MT)				
	Total wheat reportedly already sold	Household gross cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	39,026	516	1,797	36,713
Agro-ecological zone				
Badakhshan mountains	3,246	26	113	3,107
Central mountains	2,953	25	582	2,345
Eastern mountains	1,617	110	12	1,495
Southern mountains	2,500	13	19	2,467
Northern mountains	14,130	134	499	13,496
Turkistan plains	4,609	101	339	4,168
Herat-Farah lowlands	3,415	0	202	3,213
Helmand River valley	6,558	106	31	6,420
Region				
North	5,321	134	412	4,775
Northeast	16,439	127	536	15,776
West	3,638	0	205	3,434
West Central	2,831	2	582	2,247
Central	763	121	25	617
South	2,547	26	7	2,515
East	881	0	0	881
Southwest	6,605	106	31	6,468

Wheat sold so far = Sold between the harvest and the time of the winter survey.

A.41.4. Percent of net balance already sold				
	Household gross cereal balance category			
	Deficit households*	About self-sufficient*	Surplus households	
TOTAL	0.0%	-3.9%	3.3%	
Agro-ecological zone				
Badakhshan mountains	-0.2%	-7.3%	2.6%	
Central mountains	0.0%	-13.0%	7.5%	
Eastern mountains	-0.1%	-0.4%	1.1%	
Southern mountains	0.0%	-0.3%	7.8%	
Northern mountains	-0.1%	-4.5%	2.6%	
Turkistan plains	-0.2%	-7.6%	3.5%	
Herat-Farah lowlands	0.0%	-2.1%	9.4%	
Helmand River valley	-0.1%	-0.6%	5.1%	
Region				
North	-0.1%	-4.8%	3.3%	
Northeast	-0.3%	-8.2%	2.6%	
West	0.0%	-1.7%	6.8%	
West Central	0.0%	-29.2%	8.2%	
Central	-0.1%	-0.6%	6.8%	
South	0.0%	-0.1%	7.5%	
East	0.0%	0.0%	0.7%	
Southwest	-0.1%	-0.5%	5.1%	

(*) A negative percentage means households in this balance category have (on average) increased their aggregate deficit by that percentage, through sales of wheat, before the date of the survey.

Table A.41
Farm household cereal balance and wheat sales by household cereal balance category
A.41.5. Percent origin of wheat already sold

	Total wheat sold so far	Household gross cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	100.0%	1.3%	4.6%	94.1%
Agro-ecological zone				
Badakhshan mountains	100.0%	0.8%	3.5%	95.7%
Central mountains	100.0%	0.9%	19.7%	79.4%
Eastern mountains	100.0%	6.8%	0.8%	92.4%
Southern mountains	100.0%	0.5%	0.8%	98.7%
Northern mountains	100.0%	1.0%	3.5%	95.5%
Turkistan plains	100.0%	2.2%	7.4%	90.4%
Herat-Farah lowlands	100.0%	0.0%	5.9%	94.1%
Helmand River valley	100.0%	1.6%	0.5%	97.9%
Region				
North	100.0%	2.5%	7.7%	89.7%
Northeast	100.0%	0.8%	3.3%	96.0%
West	100.0%	0.0%	5.6%	94.4%
West Central	100.0%	0.1%	20.6%	79.4%
Central	100.0%	15.8%	3.2%	80.9%
South	100.0%	1.0%	0.3%	98.7%
East	100.0%	0.0%	0.0%	100.0%
Southwest	100.0%	1.6%	0.5%	97.9%

Table A.42
Geographical distribution of households, population and cereal balances
by household geographical distribution of households
A.42.1. Percent geographical distribution of households

	Total farm households	Household gross cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	100.0%	100.0%	100.0%	100.0%
Agro-ecological zone				
Badakhshan mountains	3.3%	1.6%	3.7%	6.6%
Central mountains	15.7%	20.0%	16.7%	6.1%
Eastern mountains	16.6%	19.7%	15.4%	11.0%
Southern mountains	7.5%	10.0%	4.9%	3.4%
Northern mountains	26.4%	18.3%	26.9%	42.8%
Turkistan plains	7.0%	4.7%	8.9%	10.9%
Herat-Farah lowlands	13.8%	16.2%	15.6%	7.9%
Helmand River valley	9.7%	9.4%	7.9%	11.3%
Region				
North	16.7%	15.0%	17.1%	20.0%
Northeast	15.4%	4.8%	16.6%	36.6%
West	18.4%	21.0%	21.3%	11.6%
West Central	7.1%	7.3%	10.6%	4.9%
Central	9.8%	14.2%	7.4%	2.1%
South	6.8%	9.1%	3.5%	3.8%
East	12.0%	13.4%	11.8%	9.2%
Southwest	13.7%	15.2%	11.6%	11.7%

	Total farm population	Household gross cereal balance category		
		Deficit households	About self-sufficient	Surplus households
TOTAL	100.0%	100.0%	100.0%	100.0%
Agro-ecological zone				
Badakhshan mountains	3.4%	1.7%	4.5%	6.9%
Central mountains	16.0%	19.4%	17.9%	7.1%
Eastern mountains	16.7%	19.5%	14.7%	11.4%
Southern mountains	8.8%	11.5%	5.3%	4.6%
Northern mountains	24.8%	17.7%	25.3%	41.2%
Turkistan plains	8.7%	6.4%	11.1%	13.0%
Herat-Farah lowlands	14.0%	17.1%	14.8%	6.4%
Helmand River valley	7.4%	6.7%	6.4%	9.5%
Region				
North	17.2%	15.9%	18.1%	19.6%
Northeast	15.7%	5.7%	16.7%	38.2%
West	18.2%	21.3%	20.9%	9.5%
West Central	7.0%	6.8%	11.1%	5.3%
Central	11.5%	16.2%	8.5%	2.2%
South	8.9%	11.3%	4.4%	5.7%
East	11.0%	11.7%	11.1%	9.5%
Southwest	10.6%	11.1%	9.2%	9.9%

	Household gross cereal balance category			
	Deficit households ^a	About self-sufficient ^b	Surplus households ^c	
TOTAL	100.0%	100.0%	100.0%	
Agro-ecological zone				
Badakhshan mountains	1.3%	3.3%	10.8%	
Central mountains	19.5%	9.6%	2.8%	
Eastern mountains	19.6%	7.6%	11.8%	
Southern mountains	12.4%	14.5%	2.8%	
Northern mountains	17.3%	24.1%	46.9%	
Turkistan plains	5.9%	9.6%	10.6%	
Herat-Farah lowlands	17.1%	21.0%	3.1%	
Helmand River valley	7.0%	10.4%	11.2%	
Region				
North	16.0%	18.2%	13.2%	
Northeast	4.5%	13.9%	53.6%	
West	21.0%	25.8%	4.6%	
West Central	6.4%	4.3%	2.5%	
Central	16.4%	9.0%	0.8%	
South	12.5%	10.8%	3.0%	
East	11.3%	4.6%	11.0%	
Southwest	11.9%	13.4%	11.3%	

- (a) Percent distribution of the aggregate deficit of these households, each having a deficit of at least 50 kg per capita
- (b) Percent distribution of the aggregate balance of these households, each having a surplus or deficit smaller than 50 kg per capita. Their aggregate balance happens to be a (relatively small) deficit in all regions and zones (see table A.41.2).
- (c) Percent distribution of the aggregate surplus of these households, each having a surplus of at least 50 kg per capita.

Table A.43
Households, population and expected cereal output in 2003
by categories of expected per capita cereal output
A.43.1. Expected cereal output in 2002-93 (metric tons)

	TOTAL	Categories of household expected cereal output per capita (Kg/person), 2002-03									
		Below self-sufficiency					About self-sufficient		Above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-249 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	4,034,433	0	7,781	39,081	151,143	163,197	183,004	171,387	756,494	989,448	1,572,898
Agro-ecological zone											
Badakhshan mountains	206,470	0	21	895	1,667	5,909	7,710	4,332	44,680	40,503	100,755
Central mountains	273,136	0	1,974	6,325	33,298	30,358	28,570	34,093	87,555	28,902	22,062
Eastern mountains	329,760	0	2,850	9,718	30,968	30,332	31,846	26,227	58,617	78,791	60,412
Southern mountains	273,733	0	611	5,924	18,592	13,400	15,984	9,431	41,921	38,934	128,938
Northern mountains	1,751,505	0	743	3,370	17,872	27,579	32,059	38,235	271,299	532,586	827,761
Turkistan plains	547,144	0	362	1,204	6,257	10,405	15,880	17,166	111,379	133,289	251,203
Hirat-Farah lowlands	268,581	0	1,006	9,417	31,070	33,187	36,649	27,352	82,263	38,555	9,083
Helmand River valley	384,104	0	215	2,229	11,420	12,028	14,308	14,552	58,780	97,889	172,685
Region											
North	1,045,720	0	669	2,352	12,055	19,958	24,863	33,636	211,656	317,570	422,962
Northeast	1,277,448	0	386	2,653	7,009	19,706	19,206	17,217	163,640	331,625	716,007
West	450,531	0	1,077	9,880	37,802	37,416	48,228	36,232	134,325	95,739	49,832
West Central	152,740	0	1,734	4,113	10,465	11,092	10,130	20,392	45,569	27,182	22,062
Central	147,999	0	1,114	8,378	29,077	25,257	27,268	19,903	25,784	9,071	2,147
South	268,492	0	12	2,710	13,443	10,565	11,633	9,044	55,241	38,240	127,603
East	253,017	0	2,244	5,940	21,107	17,611	18,382	17,597	39,738	72,132	58,265
Southwest	438,485	0	544	3,055	20,184	21,593	23,294	17,366	80,541	97,889	174,020

Table A.43
Households, population and expected cereal output in 2003
by categories of expected per capita cereal output

A.43.2. Households by categories of expected per capita cereal output in 2003

	TOTAL*	Categories of household expected cereal output per capita (Kg/person), 2002-03									
		Below self-sufficiency					About self-sufficient		Above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-249 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	1,065,523	85,300	38,028	80,388	167,968	117,500	92,040	68,398	192,180	136,233	84,541
Agro-ecological zone											
Badakhshan mountains	35,346	549	366	1,831	2,198	3,846	3,663	2,015	10,805	5,677	4,395
Central mountains	167,168	25,718	9,137	13,874	39,592	22,673	14,551	11,506	22,334	4,399	1,354
Eastern mountains	177,322	25,688	13,717	21,448	35,414	22,945	16,959	10,225	15,712	10,973	4,240
Southern mountains	79,426	10,679	3,115	11,124	18,577	9,789	7,008	3,782	9,011	3,560	2,781
Northern mountains	281,308	6,234	3,117	8,052	19,221	21,040	16,624	15,845	68,574	75,067	47,534
Turkistan plains	74,857	917	802	1,720	5,044	4,585	5,388	5,502	22,354	15,590	12,037
Hirat-Farah lowlands	146,759	10,933	6,308	15,559	30,697	21,446	18,503	12,195	23,969	6,308	841
Helmand River valley	103,338	4,581	1,466	6,779	17,223	11,177	9,344	7,329	19,422	14,658	11,360
Region											
North	177,764	5,073	2,766	5,073	10,796	13,714	11,171	12,324	48,311	42,488	25,130
Northeast	164,134	1,069	1,000	5,231	8,654	12,380	8,530	7,141	39,135	44,756	36,238
West	196,371	12,492	6,827	16,858	37,711	24,823	24,477	16,091	38,255	15,399	3,439
West Central	75,463	4,738	7,106	9,475	13,874	8,798	5,414	7,106	11,506	4,061	1,354
Central	104,796	12,985	3,508	14,063	28,295	17,541	12,645	6,585	7,116	1,808	249
South	72,871	26,375	111	4,352	12,548	6,276	4,019	3,013	10,170	3,337	2,670
East	127,941	15,961	12,220	16,211	26,935	14,465	10,475	7,233	10,724	9,727	3,990
Southwest	146,183	6,606	4,488	9,125	29,155	19,502	15,310	8,905	26,964	14,658	11,471

(*) Includes a few households whose cereal output was unclear.

Table A.43
Households, population and expected cereal output in 2003
by categories of expected per capita cereal output
A.43.3. Population by categories of expected cereal output in 2003

	TOTAL*	Categories of household expected cereal output per capita (Kg/person), 2002-03									
		Below self-sufficiency					About self-sufficient		Above self-sufficiency		
		No output	1 - 24 kg	25-49 kg	50-99 kg	100-149 kg	150-199 kg	200-249 kg	250-499 kg	500-999 kg	1000+ kg
TOTAL	12,103,964	979,916	505,935	1,035,652	1,993,380	1,297,121	1,044,742	760,853	2,134,380	1,420,029	902,371
Agro-ecological zone											
Badakhshan mountains	416,274	4,762	3,846	24,357	23,259	48,715	43,404	19,596	132,043	61,351	54,942
Central mountains	1,940,369	313,694	121,823	161,415	440,255	246,353	166,830	148,218	263,950	44,330	12,859
Eastern mountains	2,024,525	290,049	175,576	265,110	412,504	246,654	184,055	117,716	170,254	114,473	48,134
Southern mountains	1,070,254	158,074	38,935	158,074	251,739	108,794	92,553	41,604	118,917	53,507	48,056
Northern mountains	3,006,333	66,236	55,067	90,652	230,397	214,293	182,344	172,473	741,583	760,025	493,263
Turkistan plains	1,055,560	8,942	22,354	34,505	85,518	78,754	89,415	77,035	312,725	197,631	139,740
Hirat-Farah lowlands	1,693,406	98,400	75,692	244,739	400,749	260,298	204,790	120,267	227,077	55,508	5,887
Helmand River valley	897,243	39,759	12,642	56,799	148,960	93,260	81,351	63,945	167,832	133,203	99,490
Region											
North	2,078,376	56,735	39,419	57,448	162,434	154,039	143,830	151,943	581,838	463,251	258,497
Northeast	1,894,579	9,697	37,172	80,119	93,620	156,294	107,695	77,679	453,858	472,117	406,330
West	2,198,617	111,907	80,368	256,687	483,868	291,727	268,428	159,749	377,731	139,147	29,005
West Central	848,023	54,820	104,565	105,242	140,435	87,645	57,528	86,630	136,036	41,623	12,859
Central	1,391,899	164,990	66,015	220,862	390,840	204,464	158,642	90,312	77,764	16,013	1,995
South	1,077,180	368,392	890	72,726	179,391	87,692	69,051	39,311	160,389	52,172	47,166
East	1,336,686	157,869	139,912	165,101	280,572	146,396	105,994	78,560	113,641	102,502	46,139
Southwest	1,278,603	55,506	37,594	77,468	262,220	168,865	133,574	76,669	233,123	133,203	100,380

(*) Includes a few households whose cereal output was unclear.

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category
A.44.1. Total households accessing each source of money during 2002

	Total	Sale of products				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm activities*	Non-farm activities**	Transfers, loans, other
		Animals	Crops	Handi- craft	Other									
Total	1,065,523	369,042	242,041	109,344	141,858	647,576	82,540	217,101	499,184	35,986	1,023,791	603,652	747,062	682,473
Agro-ecological zone														
Badakhshan mountains	35,346	11,721	12,453	2,198	4,212	23,991	3,480	8,241	13,919	1,465	34,979	20,145	27,654	20,145
Central mountains	167,168	41,961	16,243	36,885	31,471	88,998	23,011	53,128	65,987	1,015	158,708	77,493	114,717	109,302
Eastern mountains	177,322	81,802	37,659	1,746	30,925	128,190	17,208	16,959	82,301	9,228	170,837	119,960	142,655	101,255
Southern mountains	79,426	22,805	4,672	334	8,788	49,502	10,568	18,244	36,821	10,234	76,200	31,259	57,178	57,957
Northern mountains	281,308	109,354	92,471	15,325	32,469	146,498	16,104	73,509	135,069	10,130	269,360	173,772	166,499	197,149
Turkistan plains	74,857	25,220	27,856	27,971	1,490	32,786	3,554	14,673	45,625	1,261	73,710	43,905	51,586	56,630
Herat-Farah lowlands	146,759	53,826	22,287	23,969	17,662	105,969	7,149	30,697	76,954	2,103	140,872	80,318	113,118	95,877
Helmand River valley	103,338	22,353	28,400	916	14,841	71,640	1,466	1,649	42,508	550	99,124	56,799	73,656	44,157
Region														
North	177,764	64,706	49,510	29,460	15,608	90,785	5,501	44,498	107,731	2,819	172,172	106,331	111,433	141,051
Northeast	164,134	67,303	70,543	6,423	16,589	78,723	16,078	38,159	69,998	9,777	159,383	107,854	95,603	105,080
West	196,371	68,112	35,015	33,580	23,636	139,737	8,707	44,464	93,838	2,362	187,367	103,955	151,821	123,670
West Central	75,463	4,061	13,197	31,471	18,612	35,870	8,460	14,551	25,380	677	67,679	29,441	50,760	37,900
Central	104,796	13,768	13,061	3,927	40,204	71,473	11,767	26,901	34,187	3,741	102,374	58,323	78,271	59,344
South	72,871	20,066	4,348	450	895	37,852	15,473	20,104	32,539	10,239	71,314	22,185	49,167	53,496
East	127,941	79,558	25,937	748	3,492	95,519	12,719	11,223	71,328	5,487	122,205	86,042	106,992	82,800
Southwest	146,183	51,468	30,430	3,285	22,823	97,617	3,835	17,201	64,183	883	141,297	89,521	103,017	79,131

(*) Farm activities = Sale of animals, sale of crops, other sales (the latter include mostly farm products like honey, eggs, milk, hides, wool, but may include a few non-farm products).

(**) Non farm activities = Sale of handicrafts, wage labor and commerce. Does not include borrowed money, remittances or other sources of money (inheritance, gifts, etc.).

A household may (and usually does) access several sources of money. Consequently, row totals do not add up.

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category
A.44.2. Cereal deficit households accessing each source of money during 2002

	Total	Sale of products				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm activities	Non-farm activities	Transfers, loans, other
		Animals	Crops	Handi- craft	Other									
Total	614,407	198,295	52,363	62,485	77,719	430,804	47,060	130,281	334,706	20,258	590,673	289,528	475,366	437,366
Agro-ecological zone														
Badakhshan mountains	10,073	2,564	549	366	549	8,241	366	2,198	6,410	366	9,889	3,113	8,608	7,692
Central mountains	123,177	33,840	338	20,642	16,581	73,771	15,566	38,239	60,573	338	116,409	47,376	85,276	88,998
Eastern mountains	120,958	48,633	14,714	1,247	21,947	89,534	10,475	11,722	60,354	6,484	116,219	74,819	98,263	73,323
Southern mountains	61,739	16,241	1,001	222	7,898	40,603	8,899	15,351	29,701	8,232	59,737	22,582	46,721	47,389
Northern mountains	112,731	38,703	20,780	6,234	11,429	74,288	3,636	32,209	68,574	2,338	108,575	56,885	78,704	91,172
Turkistan plains	28,773	9,400	2,981	11,120	115	17,081	1,605	6,993	18,915	688	28,430	11,464	24,417	24,532
Herat-Farah lowlands	99,241	37,005	9,251	22,287	9,672	76,533	5,046	22,287	52,985	1,262	94,615	51,303	81,159	65,600
Helmand River valley	57,715	11,909	2,748	366	9,528	50,753	1,466	1,283	37,194	550	56,799	21,987	52,219	38,660
Region														
North	92,128	33,693	17,878	12,479	5,310	53,949	2,911	21,944	66,012	2,246	91,119	48,775	62,767	81,385
Northeast	29,578	9,960	1,757	1,085	3,407	22,543	1,398	8,806	16,457	886	28,242	11,258	24,285	22,270
West	129,112	44,018	13,927	26,443	13,049	99,651	6,345	32,937	64,414	1,521	122,149	62,732	105,835	85,341
West Central	44,668	2,369	0	16,243	8,460	25,718	3,722	7,106	21,996	0	38,577	9,814	28,425	26,733
Central	87,012	8,928	7,624	3,250	31,311	62,207	9,709	24,559	28,782	2,743	85,174	43,842	67,897	51,098
South	56,153	13,035	450	338	561	30,274	13,350	16,864	26,639	8,237	55,485	13,596	39,465	43,799
East	82,301	47,635	7,981	249	1,496	62,100	7,482	6,983	51,875	3,741	78,061	49,880	68,834	58,858
Southwest	93,454	38,656	2,748	2,397	14,126	74,361	2,143	11,082	58,531	883	91,866	49,633	77,857	67,882

Household category defined by the 2002 harvest, obtained between June and September. The situation of the household may have been different in the preceding months

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category
A.44.3. About self-sufficient households accessing each source of money during 2002

	Total	Sale of products				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm activities	Non-farm activities	Transfers, loans, other
		Animals	Crops	Handi- craft	Other									
Total	153,771	56,045	32,552	22,079	24,106	89,564	13,487	33,734	62,137	5,495	148,305	90,181	109,792	93,069
Agro-ecological zone														
Badakhshan mountains	5,677	1,648	1,282	183	733	3,663	733	1,831	2,381	366	5,677	2,747	4,395	3,846
Central mountains	25,718	4,738	6,091	10,829	8,122	10,829	3,384	8,460	4,399	677	24,703	15,228	17,597	12,859
Eastern mountains	23,693	12,719	5,736	499	4,489	16,211	3,492	2,993	9,976	1,496	22,945	18,206	19,453	13,467
Southern mountains	7,564	1,891	111	0	556	5,451	667	1,446	4,338	556	7,231	2,447	5,896	5,785
Northern mountains	41,300	17,143	9,351	4,156	4,935	21,559	3,377	12,208	16,364	1,558	38,962	23,377	25,715	27,274
Turkistan plains	13,756	5,044	5,388	5,388	0	5,159	573	2,407	9,056	0	13,642	8,598	8,598	10,432
Herat-Farah lowlands	23,969	8,831	2,944	841	2,523	18,082	1,262	4,205	11,774	841	23,969	12,615	19,344	15,559
Helmand River valley	12,093	4,031	1,649	183	2,748	8,611	0	183	3,848	0	11,177	6,962	8,795	3,848
Region														
North	26,307	9,704	6,907	5,938	2,857	12,233	1,123	6,365	13,173	0	24,634	16,122	16,367	17,925
Northeast	25,595	10,755	7,036	672	2,031	12,174	3,300	8,524	12,290	1,925	25,076	13,665	15,068	19,730
West	32,801	12,208	5,022	3,958	3,302	24,056	1,521	5,764	14,112	841	32,541	17,551	26,617	19,455
West Central	16,243	1,015	4,399	9,814	4,399	6,768	1,015	3,722	2,707	677	15,228	8,122	11,844	6,768
Central	11,425	3,580	2,445	677	5,401	7,658	1,309	1,416	3,686	0	11,202	9,230	8,268	5,102
South	5,349	1,340	338	0	0	3,564	783	779	3,004	556	5,238	1,340	4,237	3,782
East	18,206	11,722	3,741	499	998	12,470	2,743	2,245	8,978	1,496	17,458	13,467	15,213	11,722
Southwest	17,845	5,723	2,664	522	5,117	10,642	1,692	4,921	4,186	0	16,929	10,685	12,179	8,585

Household category defined by the 2002 harvest, obtained between June and September. The situation of the household may have been different in the preceding months

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category
A.44.4. Cereal surplus households accessing each source of money during 2002

	Total	Sale of products				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm activities	Non-farm activities	Transfers, loans, other
		Animals	Crops	Handi- craft	Other									
Total	297,346	114,702	157,126	24,780	40,033	127,208	21,993	53,086	102,341	10,233	284,812	223,942	161,904	152,038
Agro-ecological zone														
Badakhshan mountains	19,596	7,509	10,622	1,648	2,930	12,087	2,381	4,212	5,128	733	19,413	14,285	14,651	8,608
Central mountains	18,273	3,384	9,814	5,414	6,768	4,399	4,061	6,430	1,015	0	17,597	14,889	11,844	7,445
Eastern mountains	32,671	20,451	17,208	0	4,489	22,446	3,242	2,245	11,971	1,247	31,673	26,935	24,940	14,465
Southern mountains	10,123	4,672	3,560	111	334	3,448	1,001	1,446	2,781	1,446	9,233	6,230	4,561	4,783
Northern mountains	127,277	53,508	62,340	4,935	16,104	50,651	9,091	29,092	50,132	6,234	121,822	93,510	62,080	78,704
Turkistan plains	32,327	10,776	19,488	11,464	1,376	10,546	1,376	5,273	17,654	573	31,639	23,844	18,571	21,666
Herat-Farah lowlands	23,549	7,990	10,092	841	5,467	11,354	841	4,205	12,195	0	22,287	16,400	12,615	14,718
Helmand River valley	33,530	6,413	24,002	366	2,565	12,276	0	183	1,466	0	31,148	27,850	12,642	1,649
Region														
North	59,330	21,309	24,725	11,043	7,441	24,603	1,467	16,190	28,546	573	56,419	41,435	32,298	41,741
Northeast	108,961	46,587	61,750	4,667	11,151	44,006	11,381	20,829	41,250	6,967	106,066	82,931	56,250	63,081
West	34,458	11,886	16,067	3,179	7,285	16,029	841	5,764	15,312	0	32,677	23,673	19,369	18,874
West Central	14,551	677	8,798	5,414	5,753	3,384	3,722	3,722	677	0	13,874	11,506	10,490	4,399
Central	6,359	1,260	2,993	0	3,492	1,608	748	926	1,719	998	5,998	5,250	2,106	3,144
South	11,370	5,692	3,560	111	334	4,014	1,340	2,461	2,897	1,446	10,591	7,249	5,465	5,914
East	27,434	20,201	14,216	0	998	20,949	2,494	1,995	10,475	249	26,686	22,695	22,945	12,220
Southwest	34,883	7,090	25,017	366	3,580	12,614	0	1,198	1,466	0	32,501	29,203	12,981	2,664

Household category defined by the 2002 harvest, obtained between June and September. The situation of the household may have been different in the preceding months

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category

A.44.5. Percent of households accessing each source of money during 2002

A.44.5.1 Total households

	Total	Sales				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm activites income*	Non-farm activities**	Transfers, loans, other
		Ani- mals	Crops	Handi- craft	Other									
Total	100.0%	34.6%	22.7%	10.3%	13.3%	60.8%	7.7%	20.4%	46.8%	3.4%	96.1%	56.7%	70.1%	64.1%
Agro-ecological zone														
Badakhshan mountains	100.0%	33.2%	35.2%	6.2%	11.9%	67.9%	9.8%	23.3%	39.4%	4.1%	99.0%	57.0%	78.2%	57.0%
Central mountains	100.0%	25.1%	9.7%	22.1%	18.8%	53.2%	13.8%	31.8%	39.5%	0.6%	94.9%	46.4%	68.6%	65.4%
Eastern mountains	100.0%	46.1%	21.2%	1.0%	17.4%	72.3%	9.7%	9.6%	46.4%	5.2%	96.3%	67.7%	80.4%	57.1%
Southern mountains	100.0%	28.7%	5.9%	0.4%	11.1%	62.3%	13.3%	23.0%	46.4%	12.9%	95.9%	39.4%	72.0%	73.0%
Northern mountains	100.0%	38.9%	32.9%	5.4%	11.5%	52.1%	5.7%	26.1%	48.0%	3.6%	95.8%	61.8%	59.2%	70.1%
Turkistan plains	100.0%	33.7%	37.2%	37.4%	2.0%	43.8%	4.7%	19.6%	60.9%	1.7%	98.5%	58.7%	68.9%	75.7%
Herat-Farah lowlands	100.0%	36.7%	15.2%	16.3%	12.0%	72.2%	4.9%	20.9%	52.4%	1.4%	96.0%	54.7%	77.1%	65.3%
Helmand River valley	100.0%	21.6%	27.5%	0.9%	14.4%	69.3%	1.4%	1.6%	41.1%	0.5%	95.9%	55.0%	71.3%	42.7%
Region														
North	100.0%	36.4%	27.9%	16.6%	8.8%	51.1%	3.1%	25.0%	60.6%	1.6%	96.9%	59.8%	62.7%	79.3%
Northeast	100.0%	41.0%	43.0%	3.9%	10.1%	48.0%	9.8%	23.2%	42.6%	6.0%	97.1%	65.7%	58.2%	64.0%
West	100.0%	34.7%	17.8%	17.1%	12.0%	71.2%	4.4%	22.6%	47.8%	1.2%	95.4%	52.9%	77.3%	63.0%
West Central	100.0%	5.4%	17.5%	41.7%	24.7%	47.5%	11.2%	19.3%	33.6%	0.9%	89.7%	39.0%	67.3%	50.2%
Central	100.0%	13.1%	12.5%	3.7%	38.4%	68.2%	11.2%	25.7%	32.6%	3.6%	97.7%	55.7%	74.7%	56.6%
South	100.0%	27.5%	6.0%	0.6%	1.2%	51.9%	21.2%	27.6%	44.7%	14.1%	97.9%	30.4%	67.5%	73.4%
East	100.0%	62.2%	20.3%	0.6%	2.7%	74.7%	9.9%	8.8%	55.8%	4.3%	95.5%	67.3%	83.6%	64.7%
Southwest	100.0%	35.2%	20.8%	2.2%	15.6%	66.8%	2.6%	11.8%	43.9%	0.6%	96.7%	61.2%	70.5%	54.1%

(*) Farm activities = Sale of animals, sale of crops, other sales (the latter include mostly farm products like honey, eggs, milk, hides, wool, but may include a few non-farm products).

(**) Non farm activities = Sale of handicrafts, wage labor and commerce. Does not include borrowed money, remittances or other sources of money (inheritance, gifts, etc.).

A household may (and usually does) access several sources of money. Consequently, row totals do not add up.

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category

A.44.5. Percent of households accessing each source of money during 2002

A.44.5.2. Deficit households

	Total	Sales				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm income	Non-farm activities	Transfers, loans, other
		Ani- mals	Crops	Handi- craft	Other									
Total	100.0%	32.3%	8.5%	10.2%	12.6%	70.1%	7.7%	21.2%	54.5%	3.3%	96.1%	47.1%	77.4%	71.2%
Agro-ecological zone														
Badakhshan mountains	100.0%	25.5%	5.5%	3.6%	5.5%	81.8%	3.6%	21.8%	63.6%	3.6%	98.2%	30.9%	85.5%	76.4%
Central mountains	100.0%	27.5%	0.3%	16.8%	13.5%	59.9%	12.6%	31.0%	49.2%	0.3%	94.5%	38.5%	69.2%	72.3%
Eastern mountains	100.0%	40.2%	12.2%	1.0%	18.1%	74.0%	8.7%	9.7%	49.9%	5.4%	96.1%	61.9%	81.2%	60.6%
Southern mountains	100.0%	26.3%	1.6%	0.4%	12.8%	65.8%	14.4%	24.9%	48.1%	13.3%	96.8%	36.6%	75.7%	76.8%
Northern mountains	100.0%	34.3%	18.4%	5.5%	10.1%	65.9%	3.2%	28.6%	60.8%	2.1%	96.3%	50.5%	69.8%	80.9%
Turkistan plains	100.0%	32.7%	10.4%	38.6%	0.4%	59.4%	5.6%	24.3%	65.7%	2.4%	98.8%	39.8%	84.9%	85.3%
Herat-Farah lowlands	100.0%	37.3%	9.3%	22.5%	9.7%	77.1%	5.1%	22.5%	53.4%	1.3%	95.3%	51.7%	81.8%	66.1%
Helmand River valley	100.0%	20.6%	4.8%	0.6%	16.5%	87.9%	2.5%	2.2%	64.4%	1.0%	98.4%	38.1%	90.5%	67.0%
Region														
North	100.0%	36.6%	19.4%	13.5%	5.8%	58.6%	3.2%	23.8%	71.7%	2.4%	98.9%	52.9%	68.1%	88.3%
Northeast	100.0%	33.7%	5.9%	3.7%	11.5%	76.2%	4.7%	29.8%	55.6%	3.0%	95.5%	38.1%	82.1%	75.3%
West	100.0%	34.1%	10.8%	20.5%	10.1%	77.2%	4.9%	25.5%	49.9%	1.2%	94.6%	48.6%	82.0%	66.1%
West Central	100.0%	5.3%	0.0%	36.4%	18.9%	57.6%	8.3%	15.9%	49.2%	0.0%	86.4%	22.0%	63.6%	59.8%
Central	100.0%	10.3%	8.8%	3.7%	36.0%	71.5%	11.2%	28.2%	33.1%	3.2%	97.9%	50.4%	78.0%	58.7%
South	100.0%	23.2%	0.8%	0.6%	1.0%	53.9%	23.8%	30.0%	47.4%	14.7%	98.8%	24.2%	70.3%	78.0%
East	100.0%	57.9%	9.7%	0.3%	1.8%	75.5%	9.1%	8.5%	63.0%	4.5%	94.8%	60.6%	83.6%	71.5%
Southwest	100.0%	41.4%	2.9%	2.6%	15.1%	79.6%	2.3%	11.9%	62.6%	0.9%	98.3%	53.1%	83.3%	72.6%

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category

A.44.5. Percent of households accessing each source of money during 2002

A.44.5.3. About-self-sufficient households

	Total	Sales				Wages	Com- merce	Remit- tances	Borrowed	Other	Some source	Farm income	Non-farm activities	Transfers, loans, other
		Ani- mals	Crops	Handi- craft	Other									
Total	100.0%	36.4%	21.2%	14.4%	15.7%	58.2%	8.8%	21.9%	40.4%	3.6%	96.4%	58.6%	71.4%	60.5%
Agro-ecological zone														
Badakhshan mountains	100.0%	29.0%	22.6%	3.2%	12.9%	64.5%	12.9%	32.3%	41.9%	6.4%	100.0%	48.4%	77.4%	67.7%
Central mountains	100.0%	18.4%	23.7%	42.1%	31.6%	42.1%	13.2%	32.9%	17.1%	2.6%	96.1%	59.2%	68.4%	50.0%
Eastern mountains	100.0%	53.7%	24.2%	2.1%	18.9%	68.4%	14.7%	12.6%	42.1%	6.3%	96.8%	76.8%	82.1%	56.8%
Southern mountains	100.0%	25.0%	1.5%	0.0%	7.4%	72.1%	8.8%	19.1%	57.4%	7.4%	95.6%	32.4%	77.9%	76.5%
Northern mountains	100.0%	41.5%	22.6%	10.1%	11.9%	52.2%	8.2%	29.6%	39.6%	3.8%	94.3%	56.6%	62.3%	66.0%
Turkistan plains	100.0%	36.7%	39.2%	39.2%	0.0%	37.5%	4.2%	17.5%	65.8%	0.0%	99.2%	62.5%	62.5%	75.8%
Herat-Farah lowlands	100.0%	36.8%	12.3%	3.5%	10.5%	75.4%	5.3%	17.5%	49.1%	3.5%	100.0%	52.6%	80.7%	64.9%
Helmand River valley	100.0%	33.3%	13.6%	1.5%	22.7%	71.2%	0.0%	1.5%	31.8%	0.0%	92.4%	57.6%	72.7%	31.8%
Region														
North	100.0%	36.9%	26.3%	22.6%	10.9%	46.5%	4.3%	24.2%	50.1%	0.0%	93.6%	61.3%	62.2%	68.1%
Northeast	100.0%	42.0%	27.5%	2.6%	7.9%	47.6%	12.9%	33.3%	48.0%	7.5%	98.0%	53.4%	58.9%	77.1%
West	100.0%	37.2%	15.3%	12.1%	10.1%	73.3%	4.6%	17.6%	43.0%	2.6%	99.2%	53.5%	81.1%	59.3%
West Central	100.0%	6.2%	27.1%	60.4%	27.1%	41.7%	6.2%	22.9%	16.7%	4.2%	93.8%	50.0%	72.9%	41.7%
Central	100.0%	31.3%	21.4%	5.9%	47.3%	67.0%	11.5%	12.4%	32.3%	0.0%	98.0%	80.8%	72.4%	44.7%
South	100.0%	25.1%	6.3%	0.0%	0.0%	66.6%	14.6%	14.6%	56.2%	10.4%	97.9%	25.0%	79.2%	70.7%
East	100.0%	64.4%	20.5%	2.7%	5.5%	68.5%	15.1%	12.3%	49.3%	8.2%	95.9%	74.0%	83.6%	64.4%
Southwest	100.0%	32.1%	14.9%	2.9%	28.7%	59.6%	9.5%	27.6%	23.5%	0.0%	94.9%	59.9%	68.2%	48.1%

Table A.44
Sources of money for farm households during 2002, by gross cereal balance category

A.44.5. Percent of households accessing each source of money during 2002

A.44.4. Surplus households

	Total	Sales				Wages	Com- merce	Remit- tances	Borrowed	Other	Some source	Farm income	Non-farm activities	Transfers, loans, other
		Ani- mals	Crops	Handi- craft	Other									
Total	100.0%	38.6%	52.8%	8.3%	13.5%	42.8%	7.4%	17.9%	34.4%	3.4%	95.8%	75.3%	54.4%	51.1%
Agro-ecological zone														
Badakhshan mountains	100.0%	38.3%	54.2%	8.4%	15.0%	61.7%	12.2%	21.5%	26.2%	3.7%	99.1%	72.9%	74.8%	43.9%
Central mountains	100.0%	18.5%	53.7%	29.6%	37.0%	24.1%	22.2%	35.2%	5.6%	0.0%	96.3%	81.5%	64.8%	40.7%
Eastern mountains	100.0%	62.6%	52.7%	0.0%	13.7%	68.7%	9.9%	6.9%	36.6%	3.8%	96.9%	82.4%	76.3%	44.3%
Southern mountains	100.0%	46.2%	35.2%	1.1%	3.3%	34.1%	9.9%	14.3%	27.5%	14.3%	91.2%	61.5%	45.1%	47.3%
Northern mountains	100.0%	42.0%	49.0%	3.9%	12.7%	39.8%	7.1%	22.9%	39.4%	4.9%	95.7%	73.5%	48.8%	61.8%
Turkistan plains	100.0%	33.3%	60.3%	35.5%	4.3%	32.6%	4.3%	16.3%	54.6%	1.8%	97.9%	73.8%	57.4%	67.0%
Herat-Farah lowlands	100.0%	33.9%	42.9%	3.6%	23.2%	48.2%	3.6%	17.9%	51.8%	0.0%	94.6%	69.6%	53.6%	62.5%
Helmand River valley	100.0%	19.1%	71.6%	1.1%	7.6%	36.6%	0.0%	0.5%	4.4%	0.0%	92.9%	83.1%	37.7%	4.9%
Region														
North	100.0%	35.9%	41.7%	18.6%	12.5%	41.5%	2.5%	27.3%	48.1%	1.0%	95.1%	69.8%	54.4%	70.4%
Northeast	100.0%	42.8%	56.7%	4.3%	10.2%	40.4%	10.4%	19.1%	37.9%	6.4%	97.3%	76.1%	51.6%	57.9%
West	100.0%	34.5%	46.6%	9.2%	21.1%	46.5%	2.4%	16.7%	44.4%	0.0%	94.8%	68.7%	56.2%	54.8%
West Central	100.0%	4.7%	60.5%	37.2%	39.5%	23.3%	25.6%	25.6%	4.7%	0.0%	95.3%	79.1%	72.1%	30.2%
Central	100.0%	19.8%	47.1%	0.0%	54.9%	25.3%	11.8%	14.6%	27.0%	15.7%	94.3%	82.6%	33.1%	49.4%
South	100.0%	50.1%	31.3%	1.0%	2.9%	35.3%	11.8%	21.6%	25.5%	12.7%	93.2%	63.8%	48.1%	52.0%
East	100.0%	73.6%	51.8%	0.0%	3.6%	76.4%	9.1%	7.3%	38.2%	0.9%	97.3%	82.7%	83.6%	44.5%
Southwest	100.0%	20.3%	71.7%	1.0%	10.3%	36.2%	0.0%	3.4%	4.2%	0.0%	93.2%	83.7%	37.2%	7.6%

Table A.45
Relative frequency of each source of money among households of each cereal balance category
A.45.1. Deficit households

	Total	Sales				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm activities income*	Non-farm activities**	Transfers, loans, other
		Ani- mals	Crops	Handi- craft	Other									
Total	57.7%	53.7%	21.6%	57.1%	54.8%	66.5%	57.0%	60.0%	67.1%	56.3%	57.7%	48.0%	63.6%	64.1%
Agro-ecological zone														
Badakhshan mountains	28.5%	21.9%	4.4%	16.7%	13.0%	34.4%	10.5%	26.7%	46.1%	25.0%	28.3%	15.5%	31.1%	38.2%
Central mountains	73.7%	80.6%	2.1%	56.0%	52.7%	82.9%	67.6%	72.0%	91.8%	33.3%	73.3%	61.1%	74.3%	81.4%
Eastern mountains	68.2%	59.5%	39.1%	71.4%	71.0%	69.8%	60.9%	69.1%	73.3%	70.3%	68.0%	62.4%	68.9%	72.4%
Southern mountains	77.7%	71.2%	21.4%	66.5%	89.9%	82.0%	84.2%	84.1%	80.7%	80.4%	78.4%	72.2%	81.7%	81.8%
Northern mountains	40.1%	35.4%	22.5%	40.7%	35.2%	50.7%	22.6%	43.8%	50.8%	23.1%	40.3%	32.7%	47.3%	46.2%
Turkistan plains	38.4%	37.3%	10.7%	39.8%	7.7%	52.1%	45.2%	47.7%	41.5%	54.6%	38.6%	26.1%	47.3%	43.3%
Herat-Farah lowlands	67.6%	68.7%	41.5%	93.0%	54.8%	72.2%	70.6%	72.6%	68.9%	60.0%	67.2%	63.9%	71.7%	68.4%
Helmand River valley	55.9%	53.3%	9.7%	40.0%	64.2%	70.8%	100.0%	77.8%	87.5%	100.0%	57.3%	38.7%	70.9%	87.6%
Region														
North	51.8%	52.1%	36.1%	42.4%	34.0%	59.4%	52.9%	49.3%	61.3%	79.7%	52.9%	45.9%	56.3%	57.7%
Northeast	18.0%	14.8%	2.5%	16.9%	20.5%	28.6%	8.7%	23.1%	23.5%	9.1%	17.7%	10.4%	25.4%	21.2%
West	65.7%	64.6%	39.8%	78.7%	55.2%	71.3%	72.9%	74.1%	68.6%	64.4%	65.2%	60.3%	69.7%	69.0%
West Central	59.2%	58.3%	0.0%	51.6%	45.5%	71.7%	44.0%	48.8%	86.7%	0.0%	57.0%	33.3%	56.0%	70.5%
Central	83.0%	64.8%	58.4%	82.8%	77.9%	87.0%	82.5%	91.3%	84.2%	73.3%	83.2%	75.2%	86.7%	86.1%
South	77.1%	65.0%	10.3%	75.1%	62.7%	80.0%	86.3%	83.9%	81.9%	80.4%	77.8%	61.3%	80.3%	81.9%
East	64.3%	59.9%	30.8%	33.3%	42.8%	65.0%	58.8%	62.2%	72.7%	68.2%	63.9%	58.0%	64.3%	71.1%
Southwest	63.9%	75.1%	9.0%	73.0%	61.9%	76.2%	55.9%	64.4%	91.2%	100.0%	65.0%	55.4%	75.6%	85.8%

(*) Farm activities=Sale of animals or crops, other sales (the latter include mostly farm products like honey, eggs, milk, hides, wool, but may include a few non-farm products)

(**) Non farm activities = Sale of handicrafts, wage labor and commerce. Does not include borrowed money, remittances or other sources of money (inheritance, gifts, etc.).

A household may (and usually does) access several sources of money. Consequently, row totals do not add up.

Percentages refer to deficit households accessing a certain source of money, divided by total households accessing that source of money in the same zone or region.

Table A.45
Relative frequency of each source of money among households of each cereal balance category
A.45.2. About-self-sufficient households

	Total	Sale of products				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm income	Non-farm activities	Transfers, loans, other
		Animals	Crops	Handi- craft	Other									
Total	14.4%	15.2%	13.4%	20.2%	17.0%	13.8%	16.3%	15.5%	12.4%	15.3%	14.5%	14.9%	14.7%	13.6%
Agro-ecological zone														
Badakhshan mountains	16.1%	14.1%	10.3%	8.3%	17.4%	15.3%	21.1%	22.2%	17.1%	25.0%	16.2%	13.6%	15.9%	19.1%
Central mountains	15.4%	11.3%	37.5%	29.4%	25.8%	12.2%	14.7%	15.9%	6.7%	66.7%	15.6%	19.7%	15.3%	11.8%
Eastern mountains	13.4%	15.5%	15.2%	28.6%	14.5%	12.6%	20.3%	17.6%	12.1%	16.2%	13.4%	15.2%	13.6%	13.3%
Southern mountains	9.5%	8.3%	2.4%	0.0%	6.3%	11.0%	6.3%	7.9%	11.8%	5.4%	9.5%	7.8%	10.3%	10.0%
Northern mountains	14.7%	15.7%	10.1%	27.1%	15.2%	14.7%	21.0%	16.6%	12.1%	15.4%	14.5%	13.5%	15.4%	13.8%
Turkistan plains	18.4%	20.0%	19.3%	19.3%	0.0%	15.7%	16.1%	16.4%	19.8%	0.0%	18.5%	19.6%	16.7%	18.4%
Herat-Farah lowlands	16.3%	16.4%	13.2%	3.5%	14.3%	17.1%	17.7%	13.7%	15.3%	40.0%	17.0%	15.7%	17.1%	16.2%
Helmand River valley	11.7%	18.0%	5.8%	20.0%	18.5%	12.0%	0.0%	11.1%	9.1%	0.0%	11.3%	12.3%	11.9%	8.7%
Region														
North	14.8%	15.0%	14.0%	20.2%	18.3%	13.5%	20.4%	14.3%	12.2%	0.0%	14.3%	15.2%	14.7%	12.7%
Northeast	15.6%	16.0%	10.0%	10.5%	12.2%	15.5%	20.5%	22.3%	17.6%	19.7%	15.7%	12.7%	15.8%	18.8%
West	16.7%	17.9%	14.3%	11.8%	14.0%	17.2%	17.5%	13.0%	15.0%	35.6%	17.4%	16.9%	17.5%	15.7%
West Central	21.5%	25.0%	33.3%	31.2%	23.6%	18.9%	12.0%	25.6%	10.7%	100.0%	22.5%	27.6%	23.3%	17.9%
Central	10.9%	26.0%	18.7%	17.2%	13.4%	10.7%	11.1%	5.3%	10.8%	0.0%	10.9%	15.8%	10.6%	8.6%
South	7.3%	6.7%	7.8%	0.0%	0.0%	9.4%	5.1%	3.9%	9.2%	5.4%	7.3%	6.0%	8.6%	7.1%
East	14.2%	14.7%	14.4%	66.7%	28.6%	13.1%	21.6%	20.0%	12.6%	27.3%	14.3%	15.7%	14.2%	14.2%
Southwest	12.2%	11.1%	8.8%	15.9%	22.4%	10.9%	44.1%	28.6%	6.5%	0.0%	12.0%	11.9%	11.8%	10.8%

Percentages refer to about-self-sufficient households accessing a certain source of money, divided by total households accessing that source of money in the same zone or region.

Table A.45
Relative frequency of each source of money among households of each cereal balance category
A.45.3. Surplus households

	Total	Sale of products				Wages	Com- merce	Remit- tances	Borrowed money	Other	Some source	Farm income	Non-farm activities	Transfers, loans, other
		Animals	Crops	Handi- craft	Other									
Total	27.9%	31.1%	64.9%	22.7%	28.2%	19.6%	26.6%	24.5%	20.5%	28.4%	27.8%	37.1%	21.7%	22.3%
Agro-ecological zone														
Badakhshan mountains	55.4%	64.1%	85.3%	75.0%	69.6%	50.4%	68.4%	51.1%	36.8%	50.0%	55.5%	70.9%	53.0%	42.7%
Central mountains	10.9%	8.1%	60.4%	14.7%	21.5%	4.9%	17.6%	12.1%	1.5%	0.0%	11.1%	19.2%	10.3%	6.8%
Eastern mountains	18.4%	25.0%	45.7%	0.0%	14.5%	17.5%	18.8%	13.2%	14.5%	13.5%	18.5%	22.5%	17.5%	14.3%
Southern mountains	12.7%	20.5%	76.2%	33.2%	3.8%	7.0%	9.5%	7.9%	7.6%	14.1%	12.1%	19.9%	8.0%	8.3%
Northern mountains	45.2%	48.9%	67.4%	32.2%	49.6%	34.6%	56.5%	39.6%	37.1%	61.5%	45.2%	53.8%	37.3%	39.9%
Turkistan plains	43.2%	42.7%	70.0%	41.0%	92.3%	32.2%	38.7%	35.9%	38.7%	45.4%	42.9%	54.3%	36.0%	38.3%
Herat-Farah lowlands	16.0%	14.8%	45.3%	3.5%	31.0%	10.7%	11.8%	13.7%	15.8%	0.0%	15.8%	20.4%	11.2%	15.4%
Helmand River valley	32.4%	28.7%	84.5%	40.0%	17.3%	17.1%	0.0%	11.1%	3.4%	0.0%	31.4%	49.0%	17.2%	3.7%
Region														
North	33.4%	32.9%	49.9%	37.5%	47.7%	27.1%	26.7%	36.4%	26.5%	20.3%	32.8%	39.0%	29.0%	29.6%
Northeast	66.4%	69.2%	87.5%	72.7%	67.2%	55.9%	70.8%	54.6%	58.9%	71.3%	66.5%	76.9%	58.8%	60.0%
West	17.5%	17.5%	45.9%	9.5%	30.8%	11.5%	9.7%	13.0%	16.3%	0.0%	17.4%	22.8%	12.8%	15.3%
West Central	19.3%	16.7%	66.7%	17.2%	30.9%	9.4%	44.0%	25.6%	2.7%	0.0%	20.5%	39.1%	20.7%	11.6%
Central	6.1%	9.2%	22.9%	0.0%	8.7%	2.2%	6.4%	3.4%	5.0%	26.7%	5.9%	9.0%	2.7%	5.3%
South	15.6%	28.4%	81.9%	24.7%	37.3%	10.6%	8.7%	12.2%	8.9%	14.1%	14.9%	32.7%	11.1%	11.1%
East	21.4%	25.4%	54.8%	0.0%	28.6%	21.9%	19.6%	17.8%	14.7%	4.5%	21.8%	26.4%	21.4%	14.8%
Southwest	23.9%	13.8%	82.2%	11.1%	15.7%	12.9%	0.0%	7.0%	2.3%	0.0%	23.0%	32.6%	12.6%	3.4%

Percentages refer to surplus households accessing a certain source of money, divided by total households accessing that source of money in the same zone or region.

Table A.46
Farm household credit and indebtedness (loans and debts outstanding at the time of the survey)*
A.46.1. Households involved

	Creditors	Debtors	Creditors or debtors**	Farmers indebted in various currencies***				
				Old Afghanis	New Afghanis	Northern Jumbeshi	Pakistani Rupees	US dollars
Total	54,063	600,656	652,895	97,185	197,506	151,956	152,284	17,238
Agro-ecological zone								
Badakhshan mountains	2,930	17,948	20,878	366	183	17,581	0	0
Central mountains	20,981	83,246	103,888	32,148	34,178	0	17,597	0
Eastern mountains	11,722	104,498	115,970	19,453	13,218	249	74,320	1,746
Southern mountains	3,226	46,054	48,724	9,900	3,782	556	34,930	556
Northern mountains	9,870	164,161	173,772	4,675	47,794	98,185	7,792	12,208
Turkistan plains	688	46,657	47,344	7,337	1,834	34,964	344	2,178
Herat-Farah lowlands	3,364	95,036	97,980	8,831	79,477	421	6,308	0
Helmand River valley	1,283	43,057	44,340	14,475	17,040	0	10,993	550
Region								
North	1,528	112,147	113,415	9,820	17,159	82,730	344	2,354
Northeast	11,701	84,669	96,370	2,559	1,222	68,000	7,792	11,513
West	3,624	126,985	130,188	8,831	110,907	421	6,308	519
West Central	11,167	33,163	44,330	27,072	6,091	0	338	0
Central	7,791	56,831	63,478	21,646	21,627	583	16,041	944
South	3,592	35,228	38,820	0	9,475	111	25,530	111
East	8,978	82,052	91,030	10,225	3,741	0	71,328	1,247
Southwest	5,682	69,581	75,263	17,033	27,284	111	24,603	550

(*) Does not include loans already repaid, only loans still outstanding.

(**) Total number of “financially active” farmers who were creditors, or debtors, or both, at the time of the survey

(***) A farmer may be indebted in more than one currency. Therefore totals may not necessarily add up.

Table A.46
Farm household credit and indebtedness (loans and debts outstanding at the time of the survey)
A.46.2. Average amount lent or owed per creditor or debtor (US dollar equivalent) according to currency

	Money owed to farmers	Money owed by farmers	Net farmer indebtedness*	Debt in old Afghanis	Debt in new Afghanis	Debt in Northern Jumbeshi	Debt in Pakistani rupees	Debt in US Dollars
TOTAL	800	478	374	202	454	262	489	3,688
Agro-ecological zone								
Badakhshan mountains	970	163	4	70	300	162	.	.
Central mountains	275	197	102	229	184	.	156	.
Eastern mountains	380	800	682	107	451	0	479	22,886
Southern mountains	844	878	774	178	180	0	862	14,152
Northern mountains	2,388	396	238	288	602	238	206	816
Turkistan plains	2,694	432	387	497	457	390	236	892
Herat-Farah lowlands	550	528	493	178	569	0	532	.
Helmand River valley	134	200	191	131	110	.	92	7,000
Region								
North	134	324	318	484	554	256	236	350
Northeast	2,393	464	117	106	7,305	275	206	852
West	525	493	467	178	509	0	532	2,450
West Central	434	299	114	228	605	.	116	.
Central	171	650	561	169	306	0	409	21,283
South	572	1,051	901	.	124	1	1,099	70,000
East	469	659	548	108	166	.	454	16,000
Southwest	121	159	138	126	99	0	97	7,000

(*) Net farm indebtedness for a given farm = Total money owed by each farmer to others, minus total amount owed to the same farmer. As the number of debtors is not the same as the number of creditors, the averages do not add up.

Table A.46
Farm household credit and indebtedness (loans and debts outstanding at the time of the survey)
A.46.3. Aggregate amount of loans and debts outstanding (US dollar equivalent)

	Money owed to farmers	Money owed by farmers	Net farm indebtedness	Debt in old Afghanis	Debt in new Afghanis	Debt in Northern Jumbeshi	Debt in Pakistani rupees	Debt in US dollars
TOTAL	43,237,260	287,263,484	244,026,224	19,676,197	89,692,415	39,841,739	74,477,377	63,575,757
Agro-ecological zone								
Badakhshan mountains	2,843,005	2,929,168	86,162	25,639	54,942	2,848,587	.	.
Central mountains	5,778,983	16,370,871	10,591,889	7,348,970	6,273,883	.	2,748,018	.
Eastern mountains	4,450,549	83,573,111	79,122,561	2,086,667	5,963,146	119	35,569,686	39,953,493
Southern mountains	2,722,962	40,427,397	37,704,435	1,759,840	681,910	167	30,114,031	7,871,448
Northern mountains	23,565,782	65,005,344	41,439,562	1,346,018	28,750,083	23,346,974	1,602,202	9,960,068
Turkistan plains	1,852,722	20,157,293	18,304,571	3,649,341	837,983	13,645,868	81,035	1,943,066
Herat-Farah lowlands	1,850,837	50,172,513	48,321,676	1,569,775	45,248,036	24	3,354,678	.
Helmand River valley	172,419	8,627,786	8,455,367	1,889,945	1,882,433	.	1,007,726	3,847,682
Region								
North	204,579	36,307,163	36,102,584	4,750,427	9,510,995	21,141,514	81,035	823,192
Northeast	28,004,981	39,307,869	11,302,887	270,572	8,928,007	18,699,915	1,602,202	9,807,172
West	1,902,787	62,649,287	60,746,500	1,569,775	56,452,041	24	3,354,678	1,272,769
West Central	4,841,786	9,901,675	5,059,889	6,177,440	3,685,145	.	39,091	.
Central	1,330,459	36,935,201	35,604,743	3,656,618	6,626,192	132	6,566,029	20,086,230
South	2,055,683	37,015,170	34,959,487	.	1,172,884	148	28,055,233	7,786,904
East	4,206,818	54,066,063	49,859,245	1,103,340	621,050	.	32,389,866	19,951,807
Southwest	690,167	11,081,056	10,390,889	2,148,025	2,696,101	5	2,389,242	3,847,682

Table A.47
Farm indebtedness by type of creditor
A.47.1. Households indebted to various kinds of creditor

	TOTAL	Type of creditor								Not reported
		Single type of creditor				Two or more types of creditor				
		Relative	Trader	Fellow villager	Land-owner	Relative & villager	Relative & trader	Trader & villager	Other combinations	
TOTAL	600,656	248,414	96,196	54,075	31,055	55,287	48,144	11,039	17,718	38,728
Agro-ecological zone										
Badakhshan mountains	17,948	7,692	1,648	1,282	183	183	1,465	366		5,128
Central mountains	83,246	21,996	21,319	5,076	1,015	1,015	22,334	1,015	3,722	5,753
Eastern mountains	104,498	47,635	11,472	7,233	9,727	9,727	5,986	2,993	4,988	4,739
Southern mountains	46,054	17,354	9,900	2,225	222	10,902	2,559	222	779	1,891
Northern mountains	164,161	80,262	20,260	15,325	11,169	7,013	9,351	2,597	4,675	13,507
Turkistan plains	46,657	13,756	10,317	11,464	2,293	5,617	1,490	115	115	1,490
Herat-Farah lowlands	95,036	48,359	5,887	7,990	1,682	18,082	2,944	3,364	2,523	4,205
Helmand River valley	43,057	11,360	15,391	3,481	4,764	2,748	2,015	366	916	2,015
Region										
North	112,147	35,214	25,528	20,555	12,423	3,576	1,123	1,933	634	11,162
Northeast	84,669	45,457	4,880	1,801	962	8,718	10,923	626	3,896	7,405
West	126,985	69,399	7,705	13,704	1,942	18,602	3,203	3,884	2,783	5,764
West Central	33,163	13,197	4,738	4,399	677	677	5,076		677	3,722
Central	56,831	31,213	5,454	3,032	361	7,485	5,868	222	899	2,297
South	35,228	12,153	11,542	556	450	4,005	3,379	677	1,460	1,006
East	82,052	28,182	10,973	5,986	9,477	9,477	5,736	2,993	4,988	4,240
Southwest	69,581	13,599	25,375	4,042	4,764	2,748	12,835	705	2,381	3,133

Table A.47
Farm indebtedness by type of creditor
A.47.2. Average debt per debtor and type of creditor (US dollar equivalent)

	TOTAL	Type of creditor								Not reported
		Single type of creditor				Two or more types of creditor				
		Relative	Trader	Fellow villager	Land-owner	Relative & villager	Relative & trader	Trader & villager	Other combinations	
TOTAL	478	540	388	451	447	598	248	361	765	390
Agro-ecological zone										
Badakhshan mountains	163	162	133	108	48	19	82	7	.	231
Central mountains	197	247	152	532	75	249	125	195	152	196
Eastern mountains	800	818	1,047	1,295	356	725	440	464	483	1,325
Southern mountains	878	849	629	325	391	738	405	456	11,295	355
Northern mountains	396	492	287	256	620	172	204	396	118	307
Turkistan plains	432	372	461	340	416	440	1,663	640	200	262
Herat-Farah lowlands	528	556	285	417	260	762	258	339	433	254
Helmand River valley	200	189	220	85	406	93	104	150	128	112
Region										
North	324	261	323	273	605	157	226	378	231	363
Northeast	464	605	443	187	372	340	385	16	97	188
West	493	520	266	391	233	749	254	387	411	232
West Central	299	338	179	588	103	348	198	.	275	136
Central	650	933	354	477	167	335	148	456	137	334
South	1,051	1,106	612	673	186	1,390	253	250	6,126	514
East	659	425	978	1,391	360	743	459	464	483	1,451
Southwest	159	167	169	89	406	93	101	119	95	115

Table A.47
Farm indebtedness by type of creditor
A.47.3. Total debt by type of creditor (US dollar equivalent)

	TOTAL	Type of creditor								
		Single type of creditor				Two or more types of creditor				Not reported
		Relative	Trader	Fellow villager	Landowner	Relative & villager	Relative & trader	Trader & villager	Other combinations	
TOTAL	287,263,484	134,028,531	37,331,384	24,388,140	13,879,044	33,066,329	11,931,637	3,989,066	13,553,874	15,095,479
Agro-ecological zone										
Badakhshan mountains	2,929,168	1,249,701	219,766	138,662	8,721	3,488	119,825	2,616	.	1,186,388
Central mountains	16,370,871	5,426,151	3,239,697	2,699,732	76,478	252,281	2,783,025	198,371	566,290	1,128,846
Eastern mountains	83,573,111	38,969,830	12,005,893	9,369,300	3,458,835	7,055,802	2,635,726	1,390,091	2,408,493	6,279,143
Southern mountains	40,427,397	14,737,646	6,229,184	723,218	87,060	8,046,151	1,037,079	101,460	8,795,167	670,433
Northern mountains	65,005,344	39,491,383	5,817,977	3,929,505	6,923,295	1,209,019	1,908,456	1,028,605	551,706	4,145,398
Turkistan plains	20,157,293	5,114,493	4,752,058	3,901,198	954,092	2,471,643	2,477,757	73,366	22,927	389,759
Herat-Farah lowlands	50,172,513	26,890,557	1,680,457	3,330,463	437,333	13,771,800	760,896	1,139,590	1,092,029	1,069,389
Helmand River valley	8,627,786	2,148,770	3,386,352	296,063	1,933,230	256,146	208,874	54,967	117,263	226,122
Region										
North	36,307,163	9,181,082	8,257,633	5,604,160	7,512,996	562,900	254,083	730,902	146,617	4,056,789
Northeast	39,307,869	27,506,402	2,161,247	336,566	357,526	2,965,401	4,200,005	10,038	376,066	1,394,617
West	62,649,287	36,058,651	2,051,378	5,359,101	452,918	13,927,649	812,846	1,503,238	1,143,978	1,339,527
West Central	9,901,675	4,467,181	845,993	2,584,677	69,710	235,361	1,005,039	.	186,118	507,596
Central	36,935,201	29,127,213	1,931,359	1,446,675	60,221	2,510,014	868,795	101,460	122,760	766,704
South	37,015,170	13,445,527	7,060,029	374,150	83,486	5,565,527	855,796	169,199	8,944,402	517,055
East	54,066,063	11,969,520	10,733,105	8,325,098	3,408,955	7,043,332	2,634,229	1,390,091	2,408,493	6,153,240
Southwest	11,081,056	2,272,955	4,290,639	357,713	1,933,230	256,146	1,300,844	84,139	225,440	359,950

Table A.48
Indebtedness by size of debt and cereal output sufficiency
A.48.1. Indebted households

Cereal output level	Indebted households	Amount of debt (US dollar equivalent)						
		Below \$200	\$200-\$399	\$400-\$599	\$600-\$999	\$1000-1999	\$2000-\$4999	Over \$5000
Total	600,656	355,999	115,905	50,871	33,533	28,192	9,810	6,346
Deficit households								
No cereal output	79,435	41,814	15,982	7,010	6,619	4,973	1,696	1,342
1 - 24 kg/capita	47,488	31,178	8,682	3,117	2,598	1,464	450	
25-49 kg/capita	77,746	49,573	12,447	5,107	4,446	3,276	1,578	1,319
50-99 kg/capita	119,421	73,038	25,651	10,667	4,358	3,807	1,313	587
100-149 kg/capita	84,684	48,448	21,228	6,066	3,477	2,876	1,346	1,244
About self-sufficient								
150-199 kg/capita	45,368	27,731	6,721	2,675	2,660	3,622	1,076	884
200-249 kg/capita	32,270	20,091	4,231	4,293	1,260	1,638	758	
Surplus households								
250-499 kg/capita	74,609	40,747	15,164	7,354	5,164	4,328	995	857
500-999 kg/capita	33,527	20,249	5,176	4,062	1,797	1,788	341	115
1000+ kg/capita	6,107	3,130	624	519	1,154	421	260	

A.48.2. Average debt of indebted households (US dollar equivalent)

Cereal output level	Total average debt	Amount of debt						
		Below \$200	\$200-\$399	\$400-\$599	\$600-\$999	\$1000-1999	\$2000-\$4999	Over \$5000
Total	478	98	310	508	799	1,422	3,134	14,638
Deficit households								
No cereal output	873	100	320	500	777	1,360	3,133	29,319
1 - 24 kg	285	114	315	509	769	1,341	3,778	.
25-49 kg	503	100	305	514	854	1,617	2,970	10,568
50-99 kg	338	95	325	500	759	1,422	3,092	11,933
100-149 kg	497	97	305	506	807	1,603	3,007	13,137
About self-sufficient								
150-199 kg	594	96	290	526	774	1,329	3,367	11,831
200-249 kg	351	106	295	522	873	1,345	3,162	.
Surplus households								
250-499 kg	403	90	304	514	820	1,373	2,937	5,724
500-999 kg	343	92	287	501	792	1,392	3,787	8,000
1000+ kg	487	90	318	524	797	1,400	2,743	.

Table A.48
Indebtedness by size of debt and cereal output sufficiency

A.48.3. Total debt (US dollar equivalent)

Cereal output level	Total debt	Amount of debt						
		Below \$200	\$200-\$399	\$400-\$599	\$600-\$999	\$1000-1999	\$2000-\$4999	Over \$5000
Total	287,263,484	34,965,732	35,941,260	25,856,988	26,783,812	40,081,505	30,745,852	92,888,336
Deficit households								
No cereal output	69,329,598	4,161,595	5,112,478	3,502,630	5,142,756	6,761,011	5,312,930	39,336,197
1 - 24 kg	13,532,272	3,552,689	2,731,872	1,587,207	1,998,466	1,963,218	1,698,821	.
25-49 kg	39,105,722	4,966,373	3,801,328	2,622,571	3,796,254	5,296,732	4,686,789	13,935,676
50-99 kg	40,415,588	6,974,469	8,324,400	5,338,071	3,306,013	5,413,784	4,059,993	6,998,858
100-149 kg	42,051,286	4,695,299	6,480,331	3,068,591	2,806,132	4,610,203	4,046,253	16,344,477
About self-sufficient								
150-199 kg	26,966,408	2,663,696	1,947,164	1,407,545	2,058,396	4,814,275	3,622,327	10,453,005
200-249 kg	11,315,916	2,130,016	1,246,592	2,240,991	1,100,124	2,202,699	2,395,495	.
Surplus households								
250-499 kg	30,077,775	3,682,490	4,612,370	3,782,748	4,233,461	5,942,336	2,921,330	4,903,040
500-999 kg	11,497,594	1,858,729	1,486,203	2,034,516	1,423,074	2,488,530	1,289,460	917,081
1000+ kg	2,971,324	280,377	198,522	272,118	919,136	588,718	712,454	.