

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Montana	Beaverhead	Big Horn	Blaine	Broadwater	Carbon	Carter
Livestock and poultry purchased ----- farms, 1982..	8 879	118	207	167	86	267	165
1978..	9 529	151	189	173	85	306	211
\$1,000, 1982..	165 312	7 381	5 452	2 010	430	8 162	2 461
1978..	155 273	6 465	6 603	1 134	643	5 999	2 423
Feed for livestock and poultry ----- farms, 1982..	14 467	246	292	244	112	410	281
1978..	15 943	247	373	344	137	431	299
\$1,000, 1982..	110 919	5 559	4 367	1 936	1 295	3 055	2 063
1978..	108 728	3 195	2 348	1 642	1 265	2 907	2 028
Commercially mixed formula feeds ----- farms, 1982..	5 000	75	144	88	42	139	121
1978..	5 069	70	123	77	31	100	82
tons, 1982..	184 813	14 793	7 141	3 408	(D)	3 171	3 896
1978..	187 465	3 781	3 368	2 477	4 911	2 063	3 765
\$1,000, 1982..	29 954	1 514	1 161	495	(D)	558	520
1978..	27 506	452	523	307	674	328	505
Seeds, bulbs, plants, and trees ----- farms, 1982..	9 401	79	235	181	72	308	150
1978..	6 332	69	160	167	71	294	84
\$1,000, 1982..	20 881	255	1 014	526	169	495	215
1978..	12 626	119	399	258	175	401	67
Commercial fertilizer ----- farms, 1982..	10 984	153	197	158	94	339	77
1978..	12 652	164	230	186	148	399	80
\$1,000, 1982..	79 823	1 660	1 884	996	1 173	1 755	127
1978..	64 950	965	1 491	988	906	1 392	363
Other agricultural chemicals <sup>1</sup> ----- farms, 1982..	11 505	57	267	212	95	345	122
1978..	13 024	109	278	284	124	344	90
\$1,000, 1982..	43 347	264	911	1 379	400	483	332
1978..	27 945	202	567	618	198	303	151
Hired farm labor ----- farms, 1982..	10 207	179	195	234	81	224	137
1978..	11 303	208	226	258	124	239	177
\$1,000, 1982..	84 462	3 814	3 426	2 154	905	1 392	707
1978..	70 884	3 048	2 574	1 842	574	1 158	754
Contract labor ----- farms, 1982..	2 075	23	50	33	26	56	46
1978..	2 482	46	48	53	23	135	48
\$1,000, 1982..	6 016	148	271	61	39	138	83
1978..	5 952	178	155	114	75	326	78
Customwork, machine hire, and rental of machinery and equipment ----- farms, 1982..	8 147	98	163	200	81	161	113
1978..	10 452	80	224	199	97	352	164
\$1,000, 1982..	30 980	526	1 730	1 426	218	236	292
1978..	28 763	286	1 126	782	380	526	686
Energy and petroleum products ----- farms, 1982..	23 476	343	462	455	207	597	335
1978..	23 474	318	494	490	206	611	346
\$1,000, 1982..	157 696	3 623	4 772	4 359	1 605	2 968	2 252
1978..	89 523	1 898	2 272	2 212	1 004	1 772	1 274
Petroleum products ----- farms, 1982..	23 454	343	462	455	207	597	335
1978..	23 457	318	494	489	206	611	346
\$1,000, 1982..	136 526	2 781	4 044	3 840	1 133	2 670	1 960
1978..	77 033	1 520	2 008	1 935	768	1 508	1 128
Gasoline and gasohol ----- farms, 1982..	22 777	342	450	435	205	587	322
1978..	22 907	310	472	485	197	586	338
\$1,000, 1982..	65 881	1 696	1 980	1 728	635	1 445	1 095
1978..	40 974	925	1 032	1 026	458	880	694
Storage capacity ----- farms, 1982..	16 324	239	290	331	172	447	275
1,000 gallons, 1982..	12 278	228	351	292	109	257	212
Diesel fuel ----- farms, 1982..	15 950	203	328	389	81	390	199
1978..	16 046	215	374	371	148	382	228
\$1,000, 1982..	54 491	713	1 576	1 680	358	898	623
1978..	24 766	382	648	636	204	416	278
Storage capacity ----- farms, 1982..	12 444	156	200	318	74	337	180
1,000 gallons, 1982..	12 101	129	236	341	89	169	137
LP gas, butane, and propane ----- farms, 1982..	5 025	85	121	100	36	166	155
1978..	4 980	67	153	129	45	110	114
\$1,000, 1982..	5 629	160	205	187	44	103	131
1978..	3 498	84	164	100	25	46	67
Storage capacity ----- farms, 1982..	3 623	44	90	90	24	146	82
1,000 gallons, 1982..	3 082	74	127	88	16	73	69
Fuel oil and kerosene <sup>2</sup> ----- farms, 1982..	2 226	68	19	52	8	30	33
1978..	4 201	62	34	105	59	64	14
\$1,000, 1982..	1 676	49	38	40	27	8	4
1978..	2 058	30	27	51	(D)	20	(D)
Storage capacity ----- farms, 1982..	1 585	43	17	41	7	11	4
1,000 gallons, 1982..	784	28	9	20	8	4	1
Natural gas ----- farms, 1982..	757	11	5	23	-	36	5
1978..	910	15	17	25	2	74	2
\$1,000, 1982..	1 075	12	9	7	-	32	(D)
1978..	700	4	7	8	(D)	23	335
Motor oil and grease <sup>2</sup> ----- farms, 1982..	23 454	343	462	455	207	597	348
1978..	23 456	318	494	489	206	611	348
\$1,000, 1982..	7 775	150	236	197	70	184	108
1978..	5 036	94	130	114	50	122	65
Electricity ----- farms, 1982..	18 569	247	414	320	152	466	309
1978..	18 024	262	319	388	173	509	261
\$1,000, 1982..	20 259	814	655	515	459	277	282
1978..	12 004	355	250	276	234	242	141
Other—coal, wood, coke, etc. ----- farms, 1982..	3 118	78	112	38	38	93	42
1978..	1 850	45	58	11	10	114	7
\$1,000, 1982..	910	29	74	4	13	22	4
1978..	487	23	14	2	2	23	4
1982 interest expense: ----- farms..	13 560	187	302	312	106	337	169
Expenses reported ----- \$1,000..	207 237	7 377	6 124	6 215	2 024	3 804	3 182
Expenses reported as "No" ----- farms..	8 850	138	137	124	91	218	132

See footnotes at end of table.

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Cascade	Chouteau	Custer	Daniels	Dawson	Deer Lodge	Fallon	
Livestock and poultry purchased ----- farms, 1982..	288	140	191	54	129	30	133	
	339	215	176	74	218	26	175	
	\$1,000, 1982..	13 405	1 592	6 846	663	1 287	649	
	1978..	6 824	2 450	6 518	882	2 095	189	
Feed for livestock and poultry ----- farms, 1982..	432	278	294	116	343	48	180	
	526	440	285	172	388	53	240	
	\$1,000, 1982..	5 034	1 843	3 559	739	1 588	328	
	1978..	5 281	2 009	3 861	945	1 414	379	
Commercially mixed formula feeds ----- farms, 1982..	175	120	124	38	99	14	82	
	186	157	127	53	137	12	120	
	tons, 1982..	6 980	3 717	5 803	617	2 105	348	
	1978..	5 105	2 822	10 946	999	3 388	520	
\$1,000, 1982..	1 132	632	949	132	360	83	338	
	1978..	720	454	1 282	142	363	56	
	Seeds, bulbs, plants, and trees ----- farms, 1982..	312	400	141	153	255	6	68
		274	330	137	156	232	16	100
\$1,000, 1982..		549	1 168	302	221	439	9	
1978..		339	492	223	240	259	22	
Commercial fertilizer ----- farms, 1982..	407	576	183	144	297	18	120	
	496	618	186	171	385	22	158	
	\$1,000, 1982..	3 938	9 102	741	947	1 572	74	
	1978..	2 761	4 860	962	892	2 073	66	
Other agricultural chemicals <sup>1</sup> ----- farms, 1982..	422	583	136	270	288	4	115	
	514	698	201	308	380	12	127	
	\$1,000, 1982..	1 682	3 862	429	1 172	1 201	5	
	1978..	807	2 109	384	995	970	22	
Hired farm labor ----- farms, 1982..	359	402	149	173	155	27	103	
	343	464	167	233	232	33	140	
	\$1,000, 1982..	3 573	4 512	1 847	893	922	329	
	1978..	2 451	3 559	1 546	1 042	1 430	300	
Contract labor ----- farms, 1982..	59	39	13	29	23	6	24	
	83	65	31	22	44	8	31	
	\$1,000, 1982..	104	77	27	82	123	57	
	1978..	155	95	69	59	123	128	
Customwork, machine hire, and rental of machinery and equipment ----- farms, 1982..	252	377	124	135	192	9	101	
	330	430	170	278	303	13	165	
	\$1,000, 1982..	847	3 009	634	319	453	11	
	1978..	806	2 178	569	805	858	27	
Energy and petroleum products ----- farms, 1982..	792	718	373	378	485	62	285	
	786	827	375	397	545	63	306	
	\$1,000, 1982..	4 450	8 329	2 696	2 766	3 743	272	
	1978..	2 697	4 547	1 588	1 983	2 195	247	
Petroleum products ----- farms, 1982..	792	718	373	378	485	62	285	
	786	827	375	397	545	63	306	
	\$1,000, 1982..	3 930	7 609	2 309	2 480	3 311	215	
	1978..	2 370	4 053	1 315	1 780	1 928	191	
Gasoline and gasohol ----- farms, 1982..	770	706	370	358	482	62	275	
	767	813	374	380	530	63	287	
	\$1,000, 1982..	1 944	3 123	1 231	978	1 435	131	
	1978..	1 266	1 868	703	750	974	131	
Storage capacity ----- farms, 1982..	564	616	325	275	337	33	218	
	446	644	224	196	250	24	151	
	1,000 gallons, 1982..							
	Diesel fuel ----- farms, 1982..	548	665	256	330	402	22	204
547		751	227	361	430	29	232	
\$1,000, 1982..		1 482	3 707	711	1 227	1 460	58	
1978..		725	1 595	364	815	641	34	
Storage capacity ----- farms, 1982..	441	566	203	265	325	20	175	
	412	961	163	267	359	12	152	
	1,000 gallons, 1982..							
	LP gas, butane, and propane ----- farms, 1982..	117	185	151	118	126	8	154
147		215	158	73	175	7	108	
\$1,000, 1982..		144	180	201	88	147	7	
1978..		59	161	134	46	118	5	
Storage capacity ----- farms, 1982..	69	159	132	96	101	3	108	
	75	146	108	68	86	(D)	102	
	1,000 gallons, 1982..							
	Fuel oil and kerosene <sup>2</sup> ----- farms, 1982..	103	121	23	76	43	6	16
131		307	30	136	81	10	29	
\$1,000, 1982..		99	128	9	35	30	(D)	
1978..		84	155	13	61	53	7	
Storage capacity ----- farms, 1982..	67	106	21	55	34	4	13	
	48	74	5	22	18	2	3	
	1,000 gallons, 1982..							
	Natural gas ----- farms, 1982..	21	38	6	7	37	2	4
37		16	19	4	26	6	-	
\$1,000, 1982..		43	43	27	8	55	(D)	
1978..		50	14	13	1	13	3	
Motor oil and grease <sup>2</sup> ----- farms, 1982..	792	718	373	378	485	62	285	
	786	827	375	397	545	63	306	
	\$1,000, 1982..	219	427	130	144	184	14	
	1978..	186	260	89	106	129	11	
Electricity ----- farms, 1982..	633	611	309	314	396	42	234	
	603	702	275	314	460	43	217	
	\$1,000, 1982..	498	710	376	284	426	55	
	1978..	319	484	268	201	260	53	
Other—coal, wood, coke, etc. ----- farms, 1982..	78	40	53	12	41	5	18	
	73	42	33	17	40	13	23	
	\$1,000, 1982..	23	10	11	2	6	2	
	1978..	9	10	6	2	7	3	
Interest expense: ----- farms, 1982..	419	506	227	221	275	31	216	
	Expenses reported	\$1,000..	6 230	10 012	4 676	3 203	4 417	497
	Expenses reported as "No"	farms..	338	227	150	133	206	27
	1978..							

See footnotes at end of table.

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fergus	Flathead	Gallatin	Garfield	Glacier	Golden Valley	Granite
Livestock and poultry purchased ----- farms, 1982..	388	213	282	127	57	69	76
1978..	374	318	348	139	81	62	80
\$1,000, 1982..	3 187	1 437	5 554	4 380	1 402	1 244	1 156
1978..	2 818	1 859	1 903	1 555	2 167	4 730	1 947
Feed for livestock and poultry ----- farms, 1982..	568	600	520	194	167	101	110
1978..	641	546	529	227	234	110	112
\$1,000, 1982..	2 755	2 089	5 585	2 363	1 937	576	563
1978..	2 941	1 343	4 837	2 826	1 679	852	786
Commercially mixed formula feeds ----- farms, 1982..	181	178	229	114	47	32	39
1978..	217	131	229	96	66	41	35
tons, 1982..	6 467	3 301	14 547	5 316	2 424	954	533
1978..	6 041	2 802	18 240	6 046	3 353	1 251	1 031
\$1,000, 1982..	924	609	2 666	756	507	160	116
1978..	843	379	2 735	886	607	176	154
Seeds, bulbs, plants, and trees ----- farms, 1982..	319	236	315	67	157	60	33
1978..	253	252	285	76	109	46	38
\$1,000, 1982..	601	265	809	160	647	114	69
1978..	228	267	483	66	269	44	39
Commercial fertilizer ----- farms, 1982..	404	411	448	95	204	97	53
1978..	428	403	521	116	215	86	82
\$1,000, 1982..	3 123	1 137	2 567	547	2 370	594	282
1978..	2 380	1 204	2 367	683	1 573	221	280
Other agricultural chemicals <sup>1</sup> ----- farms, 1982..	434	320	417	198	198	71	19
1978..	455	357	451	129	183	66	23
\$1,000, 1982..	1 357	472	829	606	1 201	211	103
1978..	987	276	429	379	680	98	15
Hired farm labor ----- farms, 1982..	363	317	328	125	172	59	74
1978..	363	293	408	139	180	54	80
\$1,000, 1982..	2 494	1 667	3 461	960	1 630	428	768
1978..	1 698	874	2 360	970	1 509	381	526
Contract labor ----- farms, 1982..	85	76	80	47	76	5	12
1978..	46	38	68	39	34	11	11
\$1,000, 1982..	179	97	212	135	148	9	20
1978..	83	25	60	48	101	14	4
Customwork, machine hire, and rental of machinery and equipment ----- farms, 1982..	233	294	281	93	106	56	23
1978..	332	287	276	119	175	64	33
\$1,000, 1982..	692	307	619	688	1 110	172	28
1978..	556	221	440	501	996	235	23
Energy and petroleum products ----- farms, 1982..	805	913	781	263	348	153	153
1978..	809	803	757	264	364	137	14
\$1,000, 1982..	5 919	2 143	4 178	2 756	3 313	1 014	918
1978..	3 102	1 183	2 793	1 497	1 847	461	511
Petroleum products ----- farms, 1982..	805	906	781	263	348	153	153
1978..	805	803	757	264	364	137	14
\$1,000, 1982..	5 240	1 571	3 381	2 386	2 897	897	768
1978..	2 772	920	2 265	1 299	1 702	389	411
Gasoline and gasohol ----- farms, 1982..	783	869	761	257	336	144	14
1978..	789	785	719	252	355	137	10
\$1,000, 1982..	2 622	785	1 701	1 195	1 127	455	470
1978..	1 551	542	1 083	733	827	237	30
Storage capacity ----- farms, 1982..	570	388	588	226	222	116	10
1,000 gallons, 1982..	421	194	356	220	187	80	7
Diesel fuel ----- farms, 1982..	617	377	485	201	280	111	10
1978..	606	430	506	185	269	105	10
\$1,000, 1982..	2 083	577	1 335	947	1 353	338	23
1978..	853	258	814	372	639	103	10
Storage capacity ----- farms, 1982..	459	283	419	183	205	94	10
1,000 gallons, 1982..	408	137	287	232	274	75	7
LP gas, butane, and propane ----- farms, 1982..	196	96	123	104	87	44	10
1978..	142	37	151	73	85	36	10
\$1,000, 1982..	196	44	100	129	110	41	10
1978..	79	19	102	67	79	11	10
Storage capacity ----- farms, 1982..	122	35	85	87	77	37	10
1,000 gallons, 1982..	73	30	54	78	64	30	10
Fuel oil and kerosene <sup>2</sup> ----- farms, 1982..	108	50	70	27	4	15	10
1978..	155	64	184	70	63	22	10
\$1,000, 1982..	60	30	52	9	3	16	10
1978..	119	19	69	(D)	18	11	10
Storage capacity ----- farms, 1982..	67	24	51	24	4	4	10
1,000 gallons, 1982..	27	10	15	4	2	2	10
Natural gas ----- farms, 1982..	21	24	26	-	24	-	10
1978..	4	21	24	2	31	3	10
\$1,000, 1982..	32	23	37	-	126	-	10
1978..	3	12	71	(D)	23	1	10
Motor oil and grease <sup>2</sup> ----- farms, 1982..	805	906	781	263	348	153	10
1978..	805	803	757	264	364	137	10
\$1,000, 1982..	247	111	155	106	178	46	10
1978..	166	69	125	83	116	26	10
Electricity ----- farms, 1982..	624	736	567	240	309	105	10
1978..	614	578	596	226	278	109	10
\$1,000, 1982..	645	542	778	361	412	114	10
1978..	314	249	516	195	143	68	10
Other—coal, wood, coke, etc. ----- farms, 1982..	137	114	63	38	16	17	10
1978..	70	73	40	13	9	27	10
\$1,000, 1982..	34	30	19	9	4	3	10
1978..	17	15	12	3	2	4	10
1982 interest expense: Expenses reported ----- farms..	481	352	454	157	227	95	1
\$1,000..	8 398	2 793	5 446	3 522	4 493	1 508	1
Expenses reported as "No" ----- farms..	283	500	303	89	99	52	1

See footnotes at end of table.

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hill	Jefferson	Judith Basin	Lake	Lewis and Clark	Liberty	Lincoln	
Livestock and poultry purchased	farms, 1982	154	111	163	366	209	45	127
	1978	150	112	183	416	144	78	78
	\$1,000, 1982	1 691	887	2 698	2 734	1 772	794	236
	1978	1 040	814	2 115	4 053	1 745	1 016	335
Feed for livestock and poultry	farms, 1982	253	172	216	642	313	90	158
	1978	295	157	288	667	249	91	183
	\$1,000, 1982	1 937	1 158	2 549	2 522	1 384	1 082	287
	1978	1 105	1 088	1 585	2 838	1 691	855	202
Commercially mixed formula feeds	farms, 1982	104	55	56	224	56	47	44
	1978	128	44	112	182	98	46	54
	tons, 1982	1 947	1 206	2 882	4 827	2 391	1 628	521
	1978	1 588	783	1 758	6 033	3 251	1 707	181
Seeds, bulbs, plants, and trees	farms, 1982	349	54	198	395	76	146	42
	1978	248	61	126	364	93	78	58
	\$1,000, 1982	952	115	323	661	381	719	9
	1978	490	52	135	321	278	137	24
Commercial fertilizer	farms, 1982	357	52	192	443	104	138	88
	1978	329	53	223	445	170	145	89
	\$1,000, 1982	4 748	148	2 027	1 079	446	2 767	25
	1978	2 558	153	1 328	879	721	1 439	62
Other agricultural chemicals <sup>1</sup>	farms, 1982	503	38	213	462	123	220	23
	1978	574	52	246	372	145	263	20
	\$1,000, 1982	3 226	70	795	534	185	1 709	2
	1978	1 978	53	534	226	176	1 144	9
Hired farm labor	farms, 1982	295	99	158	445	127	137	91
	1978	391	74	163	422	149	158	89
	\$1,000, 1982	2 017	686	1 159	2 221	1 519	1 500	130
	1978	1 927	466	895	1 519	1 146	1 020	128
Contract labor	farms, 1982	49	30	11	154	66	21	8
	1978	49	24	46	152	47	24	5
	\$1,000, 1982	228	51	24	326	82	62	2
	1978	106	66	87	433	94	88	6
Customwork, machine hire, and rental of machinery and equipment	farms, 1982	313	40	113	437	90	97	29
	1978	355	71	171	349	178	146	39
	\$1,000, 1982	1 792	67	263	483	119	998	14
	1978	1 471	115	279	362	179	825	17
Energy and petroleum products	farms, 1982	675	252	325	1 012	418	242	284
	1978	692	188	345	984	354	280	201
	\$1,000, 1982	6 320	1 223	2 724	2 702	1 748	3 235	300
	1978	3 157	565	1 325	1 646	1 070	1 740	197
Petroleum products	farms, 1982	675	252	325	1 007	418	242	284
	1978	692	188	345	980	354	280	201
	\$1,000, 1982	5 718	935	2 415	2 202	1 443	2 991	219
	1978	2 848	427	1 187	1 218	886	1 575	143
Gasoline and gasohol	farms, 1982	650	248	324	980	414	242	246
	1978	692	184	339	980	354	275	198
	\$1,000, 1982	2 140	518	1 313	1 238	906	1 188	128
	1978	1 204	291	692	801	540	658	93
Storage capacity	farms, 1982	510	166	283	642	247	215	111
	1,000 gallons, 1982	415	89	221	269	149	295	47
	farms, 1982	581	134	251	475	192	221	121
	1978	606	101	258	408	183	227	86
Diesel fuel	\$1,000, 1982	2 966	328	847	732	327	1 440	68
	1978	1 255	84	362	259	179	658	31
	farms, 1982	443	94	201	376	143	192	55
	1,000 gallons, 1982	669	49	218	146	83	395	18
LP gas, butane, and propane	farms, 1982	135	22	80	63	60	57	9
	1978	139	21	41	46	49	106	10
	\$1,000, 1982	134	(D)	(D)	12	52	103	(Z)
	1978	106	7	25	8	34	51	2
Storage capacity	farms, 1982	83	18	52	24	48	50	9
	1,000 gallons, 1982	65	8	36	8	50	60	(D)
	farms, 1982	112	21	63	109	29	49	-
	1978	146	25	65	223	33	103	15
Fuel oil and kerosene <sup>2</sup>	\$1,000, 1982	78	22	59	(D)	40	62	-
	1978	68	(D)	(D)	55	22	79	4
	farms, 1982	65	13	47	51	20	44	-
	1,000 gallons, 1982	34	6	24	16	18	32	-
Natural gas	farms, 1982	49	1	1	1	15	5	-
	1978	51	2	1	-	30	9	-
	\$1,000, 1982	42	(D)	(D)	(D)	29	4	-
	1978	28	(D)	(D)	-	42	13	-
Motor oil and grease <sup>2</sup>	farms, 1982	675	252	325	1 007	418	242	264
	1978	692	188	345	980	354	280	201
	\$1,000, 1982	358	53	119	171	89	195	22
	1978	187	30	72	95	69	116	13
Electricity	farms, 1982	601	189	281	829	348	192	192
	1978	535	144	224	721	299	231	136
	\$1,000, 1982	576	275	288	461	291	239	66
	1978	303	136	132	373	176	158	50
Other—coal, wood, coke, etc.	farms, 1982	95	40	89	219	49	15	57
	1978	15	9	40	106	61	5	14
	\$1,000, 1982	26	13	21	39	15	6	15
	1978	5	2	6	56	7	7	4
Interest expense: expenses reported	farms	456	132	227	646	177	153	61
	\$1,000	8 195	1 741	4 059	6 329	2 281	3 337	191
	farms	187	106	84	312	213	91	158

See footnotes at end of table.

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	McCone	Madison	Meagher	Mineral	Missoula	Musselshell	Park	
Livestock and poultry purchased ----- farms, 1982..	131	184	69	20	191	102	228	
	1978..	132	230	73	25	149	210	
	\$1,000, 1982..	922	3 088	1 966	82	480	2 505	
	1978..	787	5 149	1 684	50	1 067	1 681	
Feed for livestock and poultry ----- farms, 1982..	209	313	91	48	309	177	340	
	1978..	240	342	110	39	296	331	
	\$1,000, 1982..	952	2 538	957	127	589	1 206	
	1978..	1 159	2 469	1 010	78	934	1 428	
Commercially mixed formula feeds ----- farms, 1982..	57	73	39	14	131	41	112	
	1978..	56	92	41	7	62	87	
	tons, 1982..	2 611	2 213	1 610	(D)	1 309	2 287	
	1978..	1 218	2 610	2 124	(D)	1 309	2 143	
\$1,000, 1982..	276	372	251	(D)	257	275	278	
	1978..	150	449	309	13	299	282	
	Seeds, bulbs, plants, and trees ----- farms, 1982..	198	162	30	10	124	82	137
		1978..	163	122	36	30	126	86
\$1,000, 1982..		450	347	62	6	77	156	
1978..		274	152	28	18	106	108	
Commercial fertilizer ----- farms, 1982..	220	213	54	21	144	113	134	
	1978..	253	268	70	21	149	193	
	\$1,000, 1982..	1 229	1 358	877	13	123	633	
	1978..	1 709	1 285	507	17	165	605	
Other agricultural chemicals <sup>1</sup> ----- farms, 1982..	247	117	51	13	102	63	153	
	1978..	319	138	41	14	95	139	
	\$1,000, 1982..	1 103	140	153	3	78	254	
	1978..	852	109	83	6	49	115	
Hired farm labor ----- farms, 1982..	103	284	67	23	216	95	169	
	1978..	184	258	73	21	160	91	
	\$1,000, 1982..	1 092	3 136	1 379	56	511	843	
	1978..	1 150	2 740	805	43	790	1 029	
Contract labor ----- farms, 1982..	40	46	19	6	6	16	35	
	1978..	32	43	29	3	47	21	
	\$1,000, 1982..	67	213	256	8	(D)	44	
	1978..	44	126	169	1	107	58	
Customwork, machine hire, and rental of machinery and equipment ----- farms, 1982..	162	82	51	18	117	70	139	
	1978..	264	99	54	9	81	150	
	\$1,000, 1982..	605	301	562	10	97	333	
	1978..	857	157	244	8	46	529	
Energy and petroleum products ----- farms, 1982..	425	439	117	79	443	259	398	
	1978..	454	425	135	57	387	379	
	\$1,000, 1982..	3 446	3 343	1 228	84	890	1 521	
	1978..	1 920	1 917	636	58	580	883	
Petroleum products ----- farms, 1982..	425	439	117	79	443	259	398	
	1978..	454	425	135	57	387	379	
	\$1,000, 1982..	3 081	2 502	1 069	60	623	1 348	
	1978..	1 623	1 552	550	44	426	742	
Gasoline and gasohol ----- farms, 1982..	403	435	117	76	435	244	372	
	1978..	452	423	135	56	360	229	
	\$1,000, 1982..	1 369	1 610	599	43	377	686	
	1978..	781	1 101	364	33	229	451	
Storage capacity ----- farms, 1982..	360	323	97	48	175	170	310	
	1,000 gallons, 1982..	284	225	104	21	105	99	
	Diesel fuel ----- farms, 1982..	331	225	80	23	206	175	283
		1978..	372	254	85	19	102	131
\$1,000, 1982..		1 394	646	274	9	162	520	
1978..		611	296	105	5	77	210	
Storage capacity ----- farms, 1982..	306	189	71	12	94	119	211	
	1,000 gallons, 1982..	332	115	63	4	32	101	
	LP gas, butane, and propane ----- farms, 1982..	73	80	36	1	21	45	62
		1978..	89	68	38	3	15	45
\$1,000, 1982..		73	68	116	(D)	(D)	(D)	
1978..		51	27	33	(Z)	12	22	
Storage capacity ----- farms, 1982..	58	62	27	-	13	25	40	
	1,000 gallons, 1982..	51	39	102	-	10	13	
	Fuel oil and kerosene <sup>2</sup> ----- farms, 1982..	29	77	14	4	19	20	32
		1978..	109	98	14	6	72	30
\$1,000, 1982..		36	42	(D)	(D)	13	11	
1978..		64	48	15	2	12	(D)	
Storage capacity ----- farms, 1982..	28	54	10	3	8	20	20	
	1,000 gallons, 1982..	19	17	8	(D)	2	7	
	Natural gas ----- farms, 1982..	9	16	1	-	2	2	15
		1978..	9	13	6	-	22	11
\$1,000, 1982..		12	13	(D)	-	(D)	(D)	
1978..		3	4	4	-	66	(D)	
Motor oil and grease <sup>2</sup> ----- farms, 1982..	425	439	117	79	443	259	398	
	1978..	454	425	135	57	387	229	
	\$1,000, 1982..	196	123	56	6	47	85	
	1978..	112	83	29	4	29	47	
Electricity ----- farms, 1982..	301	283	92	52	361	217	283	
	1978..	392	327	105	35	267	166	
	\$1,000, 1982..	353	819	154	19	257	165	
	1978..	288	354	84	13	150	129	
Other—coal, wood, coke, etc. ----- farms, 1982..	44	39	16	14	50	28	59	
	1978..	54	13	12	4	20	8	
	\$1,000, 1982..	12	22	6	5	10	8	
	1978..	9	4	2	1	5	12	
1982 interest expense:								
	Expenses reported ----- farms..	266	277	80	33	207	151	
	\$1,000..	3 157	7 128	2 203	86	1 204	3 059	
Expenses reported as "No" ----- farms..	143	139	34	46	211	96		

See footnotes at end of table.

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.**

(Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text)

Item	Petroleum	Phillips	Pondera	Powder River	Powell	Prairie	Ravalli
Livestock and poultry purchased ----- farms, 1982..	47	219	145	156	109	81	442
1978..	60	274	214	198	109	102	330
\$1,000, 1982..	1 538	4 185	1 329	2 524	2 136	3 139	4 319
1978..	3 544	3 182	818	2 244	2 113	1 954	2 102
Feed for livestock and poultry ----- farms, 1982..	83	282	257	275	158	143	748
1978..	81	356	289	325	167	148	689
\$1,000, 1982..	486	2 643	1 833	1 892	774	1 538	4 184
1978..	706	2 045	1 328	1 775	786	1 623	3 444
Commercially mixed formula feeds ----- farms, 1982..	23	74	86	85	54	63	301
1978..	21	101	62	107	43	66	218
tons, 1982..	946	1 679	2 008	2 582	845	3 283	10 712
1978..	782	3 045	1 478	4 870	2 014	1 995	9 625
\$1,000, 1982..	145	232	433	413	182	490	1 771
1978..	103	393	266	523	305	271	1 510
Seeds, bulbs, plants, and trees ----- farms, 1982..	31	246	277	112	60	90	169
1978..	32	205	205	75	53	119	207
\$1,000, 1982..	43	412	721	126	87	177	164
1978..	45	178	425	58	86	282	110
Commercial fertilizer ----- farms, 1982..	23	206	359	74	74	110	460
1978..	23	176	421	101	86	148	504
\$1,000, 1982..	126	826	5 969	226	455	559	631
1978..	99	995	3 401	410	356	1 029	589
Other agricultural chemicals <sup>1</sup> ----- farms, 1982..	40	299	363	95	50	103	258
1978..	37	288	367	128	59	125	210
\$1,000, 1982..	63	924	2 097	205	58	465	219
1978..	56	746	858	179	61	201	73
Hired farm labor ----- farms, 1982..	58	231	279	115	99	63	379
1978..	69	205	308	162	115	113	288
\$1,000, 1982..	464	1 390	2 232	1 060	1 163	571	1 425
1978..	436	1 370	1 851	997	1 080	606	901
Contract labor ----- farms, 1982..	12	57	38	19	12	30	49
1978..	8	61	77	34	40	38	67
\$1,000, 1982..	19	78	169	30	47	106	72
1978..	11	66	161	51	101	121	87
Customwork, machine hire, and rental of machinery and equipment ----- farms, 1982..	28	203	177	116	67	87	291
1978..	45	242	223	121	49	107	341
\$1,000, 1982..	65	862	791	610	81	241	224
1978..	132	621	702	292	78	199	259
Energy and petroleum products ----- farms, 1982..	99	494	486	338	209	183	1 013
1978..	99	514	510	346	194	195	854
\$1,000, 1982..	762	4 050	4 962	2 137	1 295	1 531	2 241
1978..	431	2 152	2 743	1 422	804	820	1 152
Petroleum products ----- farms, 1982..	99	494	486	338	209	183	1 013
1978..	99	514	510	346	194	195	853
\$1,000, 1982..	637	3 552	4 410	1 908	1 054	1 351	1 496
1978..	362	1 890	2 373	1 239	618	718	811
Gasoline and gasohol ----- farms, 1982..	99	487	485	328	209	178	983
1978..	98	508	491	332	192	193	839
\$1,000, 1982..	381	1 622	1 813	1 072	641	687	880
1978..	234	992	1 175	726	416	377	585
Storage capacity ----- farms, 1982..	80	365	399	268	154	135	497
1,000 gallons, 1982..	59	300	361	195	121	117	204
Diesel fuel ----- farms, 1982..	79	410	411	202	131	152	353
1978..	70	391	395	215	99	148	258
\$1,000, 1982..	189	1 497	2 017	606	245	468	432
1978..	88	637	860	298	110	216	131
Storage capacity ----- farms, 1982..	65	363	343	179	107	123	186
1,000 gallons, 1982..	38	349	497	137	60	107	92
LP gas, butane, and propane ----- farms, 1982..	32	146	140	129	44	85	43
1978..	23	135	101	134	45	92	56
\$1,000, 1982..	(D)	194	225	120	47	100	21
1978..	12	85	84	129	19	62	16
Storage capacity ----- farms, 1982..	30	123	97	76	26	73	16
1,000 gallons, 1982..	16	116	102	70	11	65	9
Fuel oil and kerosene <sup>2</sup> ----- farms, 1982..	16	44	61	20	37	15	47
1978..	21	135	138	45	33	29	49
\$1,000, 1982..	8	19	64	5	53	11	14
1978..	(D)	49	81	(D)	23	12	13
Storage capacity ----- farms, 1982..	13	37	61	1	22	11	26
1,000 gallons, 1982..	6	12	39	(D)	11	3	9
Natural gas ----- farms, 1982..	1	32	28	6	11	5	17
1978..	2	33	45	2	8	12	14
\$1,000, 1982..	(D)	16	30	3	4	4	23
1978..	(D)	5	19	(D)	14	9	5
Motor oil and grease <sup>2</sup> ----- farms, 1982..	99	494	486	338	209	183	1 013
1978..	99	514	510	346	194	195	853
\$1,000, 1982..	39	204	260	101	64	80	127
1978..	21	123	153	71	36	43	61
Electricity ----- farms, 1982..	83	400	401	299	161	155	777
1978..	80	364	435	257	134	136	632
\$1,000, 1982..	123	484	538	214	229	177	704
1978..	61	260	368	175	181	94	315
Other—coal, wood, coke, etc. ----- farms, 1982..	15	55	47	81	31	13	158
1978..	14	10	14	44	16	26	86
\$1,000, 1982..	2	14	14	14	12	4	41
1978..	8	2	2	9	5	8	26
1982 interest expense: ----- farms..	66	321	332	182	109	115	466
Expenses reported ----- \$1,000..	1 627	5 800	5 416	2 860	1 967	1 803	3 519
Expenses reported as "No" ----- farms..	27	156	144	130	91	62	499

See footnotes at end of table.

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Richland	Roosevelt	Rosebud	Sanders	Sheridan	Silver Bow	Stillwater
Livestock and poultry purchased ----- farms, 1982..	206	144	182	159	110	49	236
1978..	227	205	161	151	123	43	234
\$1,000, 1982..	4 120	1 406	3 373	477	1 131	252	3 817
1978..	5 989	1 000	8 962	502	648	157	5 879
Feed for livestock and poultry ----- farms, 1982..	287	269	279	226	266	89	323
1978..	353	356	274	262	299	85	340
\$1,000, 1982..	1 259	1 110	2 298	555	764	306	1 980
1978..	3 543	1 126	3 909	616	740	288	3 531
Commercially mixed formula feeds ----- farms, 1982..	80	52	131	70	58	17	131
1978..	131	93	101	57	96	22	136
tons, 1982..	2 278	635	4 395	513	761	385	4 388
1978..	4 275	1 339	5 858	645	838	355	3 422
\$1,000, 1982..	362	86	694	81	117	55	688
1978..	665	183	779	102	123	64	527
Seeds, bulbs, plants, and trees ----- farms, 1982..	286	333	127	74	309	11	163
1978..	325	256	126	128	187	18	146
\$1,000, 1982..	743	638	547	76	404	8	273
1978..	834	330	374	198	275	9	180
Commercial fertilizer ----- farms, 1982..	373	198	128	60	210	13	166
1978..	474	322	156	136	268	22	259
\$1,000, 1982..	2 028	794	1 009	102	916	39	1 174
1978..	2 584	1 348	1 257	178	982	34	878
Other agricultural chemicals <sup>1</sup> ----- farms, 1982..	348	428	123	32	449	13	182
1978..	412	508	171	61	532	19	182
\$1,000, 1982..	1 286	1 573	657	34	1 593	12	583
1978..	832	1 178	361	38	1 724	11	280
Hired farm labor ----- farms, 1982..	252	259	156	112	194	39	181
1978..	269	319	227	147	349	40	157
\$1,000, 1982..	1 820	1 531	2 053	818	1 007	276	1 634
1978..	1 938	1 346	1 966	464	1 676	178	1 408
Contract labor ----- farms, 1982..	87	51	26	35	38	7	36
1978..	143	48	32	34	48	8	12
\$1,000, 1982..	317	220	248	21	72	14	86
1978..	466	65	92	38	91	12	13
Customwork, machine hire, and rental of machinery and equipment ----- farms, 1982..	163	239	97	115	235	15	181
1978..	309	355	147	101	367	10	208
\$1,000, 1982..	426	649	1 226	109	451	17	434
1978..	642	827	1 078	141	716	6	404
Energy and petroleum products ----- farms, 1982..	555	584	351	379	586	107	425
1978..	600	695	348	314	637	91	438
\$1,000, 1982..	5 051	4 672	3 327	870	4 419	310	2 818
1978..	2 878	2 929	1 903	534	2 997	184	1 303
Petroleum products ----- farms, 1982..	549	583	351	379	586	105	425
1978..	600	689	348	314	637	90	438
\$1,000, 1982..	4 537	4 219	2 843	712	3 937	224	2 538
1978..	2 585	2 639	1 568	426	2 711	144	1 080
Gasoline and gasohol ----- farms, 1982..	527	532	351	374	555	105	423
1978..	592	686	348	309	631	87	428
\$1,000, 1982..	2 022	1 707	1 594	458	1 659	135	1 340
1978..	1 243	1 267	880	292	1 126	91	625
Storage capacity ----- farms, 1982..	418	364	300	181	456	61	322
1,000 gallons, 1982..	310	285	275	98	392	33	210
Diesel fuel ----- farms, 1982..	476	519	204	231	546	32	273
1978..	488	592	230	182	612	29	246
\$1,000, 1982..	1 964	1 992	894	196	1 901	58	908
1978..	935	1 003	441	89	1 203	24	284
Storage capacity ----- farms, 1982..	377	361	173	124	428	25	212
1,000 gallons, 1982..	336	384	187	63	465	9	188
LP gas, butane, and propane ----- farms, 1982..	191	127	130	16	80	5	112
1978..	195	188	147	30	105	5	138
\$1,000, 1982..	236	234	178	(D)	83	11	119
1978..	196	124	130	5	69	14	73
Storage capacity ----- farms, 1982..	165	89	108	8	59	3	84
1,000 gallons, 1982..	134	62	106	3	37	3	69
Fuel oil and kerosene <sup>2</sup> ----- farms, 1982..	24	38	20	12	73	7	29
1978..	49	124	33	43	178	8	81
\$1,000, 1982..	26	38	14	7	64	2	14
1978..	17	52	17	11	(D)	(D)	17
Storage capacity ----- farms, 1982..	12	23	11	9	64	5	22
1,000 gallons, 1982..	7	18	3	4	33	2	7
Natural gas ----- farms, 1982..	33	5	15	1	-	7	20
1978..	28	9	13	-	1	2	33
\$1,000, 1982..	29	4	10	(D)	-	4	19
1978..	31	7	6	-	(D)	(D)	14
Motor oil and grease <sup>2</sup> ----- farms, 1982..	549	583	351	379	586	105	425
1978..	600	689	348	314	637	90	438
\$1,000, 1982..	260	244	152	45	229	14	138
1978..	173	186	94	29	168	9	67
Electricity ----- farms, 1982..	487	405	250	280	422	71	347
1978..	420	501	274	243	502	62	351
\$1,000, 1982..	500	413	440	132	468	80	265
1978..	269	289	325	94	282	35	208
Other—coal, wood, coke, etc. ----- farms, 1982..	84	59	53	74	60	18	78
1978..	31	37	24	55	35	15	58
\$1,000, 1982..	15	41	44	26	14	6	20
1978..	14	21	10	13	4	6	18
1982 interest expense: ----- farms..	292	382	167	176	324	47	211
Expenses reported \$1,000..	4 685	4 878	3 875	1 391	2 886	334	2 381
Expenses reported as "No" ----- farms..	212	171	144	193	234	53	181

See footnotes at end of table.

**Table 6. Selected Farm Production Expenses and Fuel Storage Capacity: 1982 and 1978—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sweet Grass	Teton	Toole	Treasure	Valley	Wheatland	Wibaux	Yellowstone
Livestock and poultry purchased ----- farms, 1982..	157	159	60	58	234	72	114	415
1978..	158	225	60	50	245	92	72	357
\$1,000, 1982..	1 666	9 657	345	1 613	2 931	1 752	875	21 705
1978..	1 830	5 332	302	1 282	3 097	1 880	1 113	18 946
Feed for livestock and poultry ----- farms, 1982..	214	262	146	76	335	120	157	627
1978..	254	337	127	83	382	133	139	652
\$1,000, 1982..	1 186	3 892	1 120	706	1 661	1 210	946	11 509
1978..	1 310	3 986	734	685	2 045	1 139	729	11 002
Commercially mixed formula feeds ----- farms, 1982..	80	69	75	27	93	52	55	206
1978..	87	134	31	24	106	49	40	198
tons, 1982..	1 712	3 381	2 473	1 482	2 462	2 886	1 102	15 116
1978..	1 522	3 366	2 321	845	2 173	2 443	1 647	20 073
\$1,000, 1982..	377	572	530	325	415	524	179	2 547
1978..	271	512	334	142	256	425	201	3 282
Seeds, bulbs, plants, and trees ----- farms, 1982..	81	370	202	57	306	55	71	429
1978..	73	265	154	49	250	57	89	468
\$1,000, 1982..	87	834	649	171	512	189	175	1 014
1978..	48	576	318	122	434	131	111	687
Commercial fertilizer ----- farms, 1982..	133	525	141	47	245	76	111	542
1978..	159	500	127	64	299	88	163	584
\$1,000, 1982..	438	6 217	1 428	482	1 443	759	380	2 676
1978..	523	4 014	1 382	454	1 645	759	484	2 427
Other agricultural chemicals <sup>1</sup> ----- farms, 1982..	94	471	267	50	393	71	121	410
1978..	153	478	307	55	484	86	147	560
\$1,000, 1982..	114	1 780	2 147	159	1 950	365	368	1 068
1978..	151	992	1 733	173	1 299	160	275	737
Hired farm labor ----- farms, 1982..	137	325	194	54	256	81	87	481
1978..	141	299	237	66	387	88	55	466
\$1,000, 1982..	1 520	2 415	2 157	717	1 392	958	456	3 315
1978..	788	1 467	1 456	754	2 070	884	300	2 809
Contract labor ----- farms, 1982..	22	27	58	13	25	18	3	97
1978..	21	39	38	22	48	35	15	179
\$1,000, 1982..	41	128	258	96	104	81	(D)	277
1978..	53	135	200	92	81	110	61	392
Customwork, machine hire, and rental of machinery and equipment ----- farms, 1982..	92	242	134	54	282	36	73	362
1978..	136	352	181	53	418	56	130	387
\$1,000, 1982..	140	1 096	1 415	129	1 131	129	336	795
1978..	178	1 019	1 193	120	1 165	153	324	737
Energy and petroleum products ----- farms, 1982..	292	625	354	107	653	150	184	1 046
1978..	284	643	353	111	737	157	201	1 006
\$1,000, 1982..	1 478	5 130	3 907	920	5 293	1 488	1 719	4 761
1978..	847	2 988	2 078	522	3 216	712	688	3 111
Petroleum products ----- farms, 1982..	292	625	354	107	653	150	184	1 045
1978..	284	643	353	111	737	157	201	1 006
\$1,000, 1982..	1 226	4 529	3 653	789	4 807	1 269	1 514	4 090
1978..	684	2 646	1 938	433	2 816	615	600	2 643
Gasoline and gasohol ----- farms, 1982..	272	615	351	107	629	149	182	992
1978..	284	623	351	104	727	154	164	950
\$1,000, 1982..	707	2 137	1 458	391	2 205	721	740	1 950
1978..	492	1 306	906	241	1 408	362	355	1 464
Storage capacity ----- farms, 1982..	210	481	295	79	482	105	170	505
1,000 gallons, 1982..	147	420	315	62	370	113	137	305
Diesel fuel ----- farms, 1982..	178	499	298	68	577	114	152	575
1978..	133	536	336	63	620	112	169	582
\$1,000, 1982..	308	1 795	1 790	317	2 131	417	593	1 634
1978..	112	867	737	126	1 030	152	159	779
Storage capacity ----- farms, 1982..	143	358	239	56	450	91	138	417
1,000 gallons, 1982..	89	435	394	56	473	92	104	325
LP gas, butane, and propane ----- farms, 1982..	69	190	96	50	124	36	60	194
1978..	55	128	86	22	161	35	59	256
\$1,000, 1982..	120	194	86	36	130	33	93	141
1978..	22	196	41	21	107	42	43	120
Storage capacity ----- farms, 1982..	59	117	74	29	70	19	46	141
1,000 gallons, 1982..	52	96	79	22	55	14	49	79
Fuel oil and kerosene <sup>2</sup> ----- farms, 1982..	40	87	37	7	60	15	13	54
1978..	28	130	57	27	234	19	10	111
\$1,000, 1982..	22	51	27	2	57	15	14	30
1978..	8	49	91	10	97	10	4	45
Storage capacity ----- farms, 1982..	31	73	29	4	56	13	12	31
1,000 gallons, 1982..	10	27	16	1	30	9	10	19
Natural gas ----- farms, 1982..	5	22	28	-	45	11	7	51
1978..	18	46	39	-	30	10	7	69
\$1,000, 1982..	6	83	93	-	34	25	8	73
1978..	8	47	23	-	17	6	2	52
Motor oil and grease <sup>2</sup> ----- farms, 1982..	292	625	354	107	653	150	184	1 045
1978..	284	642	353	111	737	157	201	1 006
\$1,000, 1982..	64	270	199	43	249	57	66	262
1978..	42	181	140	33	157	43	39	183
Electricity ----- farms, 1982..	241	499	298	81	468	119	182	756
1978..	211	549	290	86	582	101	152	735
\$1,000, 1982..	243	581	251	122	479	215	176	633
1978..	154	340	140	87	397	90	88	450
Other—coal, wood, coke, etc. ----- farms, 1982..	37	84	31	37	57	11	31	141
1978..	36	18	-	13	29	21	-	76
\$1,000, 1982..	9	21	3	8	8	4	29	37
1978..	9	2	-	3	3	7	-	19
1982 interest expense: ----- farms..	161	461	260	59	439	90	126	516
Expenses reported ----- \$1,000..	1 519	6 645	3 668	774	6 167	2 053	1 656	7 554
Expenses reported as "No" ----- farms..	124	141	84	44	178	51	57	485

<sup>1</sup>Data for 1978 include the cost of lime which was not collected in 1982.

<sup>2</sup>1982 data include kerosene with fuel oil; 1978 data include kerosene with motor oil and grease.