

Table P1. Average Daily Oil Production per Well and Annual Production by Region, 1960-2003

Year	Average Daily Production per Well (barrels)						Oil Production by Region (barrels)					
	North	South Central	Central	Williston Basin	Powder River Basin	STATE AVERAGE	North	South Central	Central	Williston Basin	Powder River Basin	TOTAL
1960	4.2	88.1	52.3	93.9		22.3	4,332,218	3,087,871	5,780,420	17,039,406		30,239,915
1961	4.7	97.9	53.8	89.3		25.0	4,211,017	2,895,587	6,367,524	17,431,916		30,906,044
1962	4.5	119.9	43.4	76.3		23.5	4,252,304	3,851,672	5,279,163	18,264,368		31,647,507
1963	4.9	113.4	34.8	74.4		23.2	4,530,510	3,383,587	3,950,490	19,005,066		30,869,653
1964	7.4	115.1	28.8	65.7		25.2	5,705,948	3,699,927	3,269,768	17,971,855		30,647,498
1965	7.1	97.6	25.5	70.9		23.6	6,826,261	3,597,647	2,849,923	19,504,287		32,778,118
1966	9.5	87.7	24.7	73.6		27.6	7,991,302	3,392,890	2,710,194	21,285,732		35,380,118
1967	8.8	90.7	27.5	69.9	70.6	28.2	6,758,280	3,181,132	2,872,604	20,475,733	1,671,277	34,959,026
1968	9.9	79.6	26.4	67.6	138.0	39.0	6,883,493	2,885,272	2,728,357	19,390,652	16,572,472	48,460,246
1969	11.3	69.5	22.6	66.4	91.4	36.1	7,557,966	2,739,346	2,011,445	18,396,618	13,248,737	43,954,112
1970	11.6	69.3	26.2	66.8	57.9	32.3	7,680,831	2,329,187	1,915,273	18,110,147	7,843,259	37,878,697
1971	11.3	57.9	29.4	62.4	50.9	30.1	7,292,476	2,028,304	2,274,124	17,042,703	5,961,116	34,598,723
1972	9.8	57.4	34.4	63.3	65.3	29.6	6,646,908	1,742,749	2,817,045	16,361,771	6,335,666	33,904,139
1973	9.5	50.0	36.2	60.8	90.4	31.7	5,948,826	1,515,088	3,238,967	15,735,703	8,181,598	34,620,182
1974	8.3	45.6	34.2	57.4	110.3	30.5	5,464,319	1,432,528	3,334,759	14,939,292	9,383,064	34,553,962
1975	6.0	36.1	35.8	53.4	103.2	26.2	4,551,324	1,318,779	3,954,024	14,312,685	8,706,862	32,843,674
1976	5.8	35.1	35.2	53.8	133.3	27.1	4,200,539	1,246,005	4,063,897	14,496,380	8,807,439	32,814,260
1977	5.6	30.4	29.4	50.8	140.2	26.2	4,060,957	1,210,064	3,677,361	14,621,635	9,110,037	32,680,054
1978	4.9	26.1	26.4	48.9	117.6	23.5	3,671,322	1,095,737	3,343,556	15,103,853	7,252,869	30,467,337
1979	4.6	27.7	24.4	51.2	94.9	22.9	3,536,296	1,131,798	3,029,397	16,546,576	5,713,032	29,957,099
1980	4.3	23.2	19.9	48.7	86.0	21.1	3,516,807	1,055,105	2,612,091	17,739,142	4,660,659	29,583,804
1981	4.3	18.9	20.0	50.6	59.2	21.0	3,605,207	910,595	2,583,690	19,954,159	3,759,760	30,813,411
1982	4.1	16.0	16.5	44.2	38.8	19.2	3,680,043	806,366	1,496,895	21,934,760	2,999,247	30,917,311
1983	3.7	14.4	14.0	39.6	35.1	16.9	3,682,130	790,150	1,467,855	20,877,527	2,847,618	29,665,280
1984	3.9	15.8	15.9	37.9	30.4	17.0	3,708,185	829,090	1,709,653	21,449,415	2,383,476	30,079,819
1985	3.3	16.3	12.3	39.1	22.1	16.0	3,419,300	838,817	1,868,780	21,979,087	1,744,433	29,850,417
1986	2.9	24.7	14.4	35.4	19.5	14.2	3,220,769	722,118	2,387,266	19,520,103	1,314,374	27,164,630
1987	2.9	17.4	13.9	35.1	26.2	14.1	3,040,941	827,229	1,847,551	18,319,149	1,069,179	25,104,049
1988	2.7	18.9	13.0	32.6	23.3	13.2	2,779,524	884,954	1,684,853	17,089,238	878,887	23,317,456
1989	2.6	16.2	12.8	30.8	16.8	12.5	2,488,169	773,372	1,544,989	15,476,534	686,228	20,969,292
1990	2.6	16.4	12.3	29.5	12.8	12.0	2,432,506	805,807	1,454,066	14,592,497	550,211	19,835,087
1991	2.7	17.9	12.3	29.4	16.9	12.2	2,510,130	804,003	1,393,046	14,380,288	485,881	19,573,348
1992	2.6	16.5	11.7	27.8	14.1	11.5	2,426,783	832,580	1,227,475	13,637,695	355,139	18,479,672
1993	2.4	17.4	10.1	27.9	13.3	11.4	2,143,943	772,668	1,095,551	13,110,882	272,517	17,395,561
1994	2.4	14.8	9.6	26.6	3.5	11.0	2,003,272	733,965	955,703	12,747,075	90,965	16,530,980
1995	2.3	14.5	11.4	26.9	12.4	11.9	1,783,331	698,537	1,040,127	12,877,305	126,524	16,525,824
1996	3.2	17.6	13.7	31.8	15.5	15.3	1,740,101	657,135	955,626	12,696,542	125,797	16,175,201
1997	3.2	15.9	13.5	31.4	12.0	15.2	1,691,825	603,422	991,714	12,667,200	180,142	16,134,303
1998	3.1	15.4	12.7	33.6	13.5	16.2	1,590,323	582,568	828,028	13,385,593	236,190	16,622,702
1999	3.1	17.7	11.5	31.6	11.7	15.5	1,511,263	606,812	638,239	12,373,436	208,707	15,338,457
2000	2.9	18.9	11.2	30.4	11.2	14.8	1,555,552	696,340	725,437	12,559,879	213,671	15,750,879
2001	2.7	16.3	10.4	31.0	10.0	15.1	1,429,196	656,160	650,982	13,371,388	173,567	16,281,293
2002	2.7	14.5	10.7	31.9	9.1	16.0	1,312,421	603,383	630,368	14,275,395	157,118	16,978,685
2003	2.6	14.3	9.8	36.7	8.4	18.2	1,254,814	572,145	590,237	16,787,840	141,033	19,346,069

SOURCE: Montana Department of Natural Resources and Conservation, Oil and Gas Division, *Annual Review, 1960-2001*; Montana Department of Natural Resources and Conservation, *Annual Review 2003*.

Table P2. Crude Oil Production and Average Wellhead Prices¹, 1960-2003

DNRC Statistics			
Year	Crude Oil Production (Mbbls)	Average Wellhead Price (\$/bbl)	Gross Value of Production (million \$)
1960	30,240	2.41	72.9
1961	30,906	2.42	74.8
1962	31,648	2.42	76.6
1963	30,870	2.44	75.3
1964	30,647	2.43	74.5
1965	32,778	2.43	79.7
1966	35,380	2.44	86.3
1967	34,959	2.50	87.4
1968	48,460	2.57	124.5
1969	43,954	2.69	118.2
1970	37,879	2.78	105.3
1971	34,599	3.01	104.1
1972	33,904	3.06	103.7
1973	34,620	3.33	115.3
1974	34,554	6.85	236.7
1975	32,844	7.83	257.2
1976	32,814	8.42	276.3
1977	32,680	8.63	282.0
1978	30,467	9.25	281.8
1979	29,957	12.39	371.2
1980	29,584	22.24	657.9
1981	30,813	34.73	1070.1
1982	30,917	31.26	966.5
1983	29,665	28.79	854.1
1984	30,080	28.04	843.4
1985	29,934	25.23	755.2
1986	27,165	13.52	367.3
1987	25,104	16.62	417.2
1988	23,317	13.87	323.4
1989	20,269	17.08	358.2
1990	19,835	21.58	428.0
1991	19,573	18.18	355.9
1992 ²	18,237	17.20	313.7
1993 ²	17,327	14.78	256.1
1994 ²	16,425	13.68	224.7
1995 ²	16,170	14.96	241.9
1996 ²	15,957	18.81	300.2
1997 ²	16,233	17.22	279.6
1998			
1999			
2000			
2001			

DOR Statistics			
Fiscal Year ³	Crude Oil Production (Mbbls)	Average Wellhead Price (\$/bbl)	Gross Value of Production (million \$)
FY1995	16,448	14.60	240.1
FY1996	15,695	15.60	244.8
FY1997			
FY1998			
FY1999			
FY2000			
FY2001	15,736	27.40	431.2
FY2002	16,603	20.56	341.4
FY2003	17,742	27.27	483.8

1 Average wellhead prices were computed by dividing the gross value of production by the number of barrels extracted.

2 Due to a legal opinion on the confidentiality of tax records, the Montana Department of Revenue stopped providing data DNRC used to calculate the average price and valuation for individual fields. The DNRC data published for these years were summaries prepared by DoR. Some oil production is exempt from state taxation and is not included in DoR's production figures. Wells are classified for tax purposes as either oil or gas wells; only oil from wells classified as oil wells is included in DoR figures. After 1997, DNRC stopped publishing this data table.

3 State fiscal years start July 1. They are numbered according to the calendar year in which they end. Thus, FY2003 began July 1, 2002 and ended June 30, 2003. Information for intervening years cannot be retrieved from DoR's computer system.

SOURCE: Montana Department of Natural Resources and Conservation, Oil and Gas Conservation Division, *Annual Review*, 1960-2001; Montana Department of Revenue, Biennial Report 1994-1996 and DoR files for FY01-03.

Table P3. Number of Producing Oil Wells by Region and Number of Oil and Gas Wells Completed by Type, 1955-2003

Year	Number of Producing Oil Wells						Number of Wells Completed										TOTAL
	South		Williston		Powder	TOTAL	Development					Exploratory					
	North	Central	Central	Basin	River Basin		Oil	Gas	Holes	Service Wells	Sub-Total	Oil	Gas	Holes	T.A. ¹	Sub-Total	
1955	2,950	94	176	194		3,414	158	21	69		248	11	4	145		160	408
1956	2,969	96	213	306		3,584	229	6	75		310	12	0	171		183	493
1957	3,130	103	214	376		3,823	182	17	57		256	12	2	162		176	432
1958	3,120	102	248	446		3,916	159	7	46		212	12	2	109		123	335
1959	3,067	100	266	455		3,888	156	12	71		239	7	6	101		114	353
1960	2,811	96	303	497		3,707	114	4	58		176	14	3	150		167	343
1961	2,447	81	324	535		3,387	169	6	60		235	7	2	173		182	417
1962	2,615	88	333	656		3,692	182	16	57		255	8	2	154		164	419
1963	2,550	82	310	700		3,642	131	6	60		197	8	5	152		165	362
1964	2,216	88	317	708		3,329	100	7	109		216	22	3	150		175	391
1965	2,649	101	306	754		3,810	177	9	107		293	14	1	199		214	507
1966	2,308	106	301	792		3,507	179	9	96		284	10	3	185		198	482
1967	2,097	96	286	802	109	3,390	162	14	104		280	7	5	191		203	483
1968	1,898	99	282	784	328	3,391	300	14	89		403	15	13	509		537	940
1969	1,827	108	244	759	397	3,335	171	44	105		320	15	5	466		486	806
1970	1,806	92	200	743	371	3,212	60	30	63		153	12	11	272		295	448
1971	1,768	96	212	748	321	3,145	49	36	34		119	3	22	323		348	467
1972	1,856	83	224	706	265	3,134	79	97	87		263	7	19	435		461	724
1973	1,708	83	245	709	248	2,993	46	165	100		311	6	36	366		408	719
1974	1,802	86	267	712	233	3,100	58	179	212		449	7	21	265		293	742
1975	2,067	100	303	734	231	3,435	105	261	222		588	6	15	236		257	845
1976	1,978	97	316	737	181	3,309	106	264	169		539	17	8	223		248	787
1977	1,999	109	343	789	178	3,418	98	220	188		506	24	19	129		172	678
1978	2,052	115	347	863	169	3,546	123	223	232		578	21	15	179		215	793
1979	2,089	112	340	886	165	3,592	120	235	182		537	35	20	211		266	803
1980	2,212	124	358	996	148	3,838	241	203	206		650	30	12	260		302	952
1981	2,280	132	354	1,080	174	4,020	276	133	188		597	126	85	341		552	1,149
1982	2,455	138	249	1,360	212	4,414	263	145	120	19	547	64	46	248		358	905
1983	2,693	150	287	1,446	222	4,798	160	55	88	10	313	25	16	156	23	220	533
1984	2,610	144	294	1,577	214	4,839	327	99	87	20	533	33	21	189	25	268	801
1985	2,803	141	417	1,540	216	5,117	227	84	90	18	419	16	2	192	11	221	640
1986	3,017	80	453	1,509	184	5,243	90	81	69	4	244	11	10	130	10	161	405
1987	2,850	130	363	1,430	112	4,885	86	75	39	21	221	7	9	100	11	127	348
1988	2,821	128	355	1,434	103	4,841	72	54	46	12	184	10	19	100	9	138	322
1989	2,644	131	331	1,377	112	4,595	32	115	29	8	184	8	12	38	0	58	242
							Oil	Gas	CBM²	Storage	EOR³	Disposal	Dry	Other	Total		
							Injection										
1990	2,579	135	323	1,356	118	4,514	44	192	0	2	4	1	92	0	335		
1991	2,534	123	310	1,338	79	4,384	50	155	4	2	3	0	62	1	277		
1992	2,568	138	287	1,338	69	4,400	38	154	0	3	0	2	66	4	267		
1993	2,408	122	298	1,287	56	4,171	44	78	0	1	5	0	46	1	175		
1994	2,324	136	272	1,311	71	4,114	66	102	0	7	2	2	77	4	260		
1995	2,093	132	249	1,310	28	3,812	58	88	0	2	1	2	53	6	210		
1996	2,020	120	242	1,271	49	3,702	71	66	0	2	7	2	50	0	198		
1997	1,963	117	235	1,298	73	3,686	74	224	10	0	8	3	74	0	393		
1998	1,912	118	236	1,292	82	3,640	72	144	21	0	10	1	65	3	316		
1999	1,854	118	225	1,265	72	3,534	25	235	111	3	19	0	63	1	457		
2000	1,891	125	229	1,305	77	3,627	60	287	77	6	3	0	57	0	490		
2001	1,845	131	220	1,344	62	3,602	94	295	48	1	13	2	82	4	539		
2002	1,756	130	215	1,393	57	3,551	58	312	8	6	6	0	71	1	462		
2003	1,762	128	222	1,430	52	3,594	98	287	188	0	9	3	62	0	647		

¹ T.A. - Temporarily abandoned. ² CBM - Coalbed Methane ³ EOR - Enhanced Oil Recovery

NOTE: The Montana Board of Oil and Gas revised its record keeping procedures several years ago. The data for wells drilled since 1990 supercede those in the previous Annual Reviews. After 1990, the number of wells drilled no longer is broken out by "Development" and "Exploratory."

SOURCE: Montana Department of Natural Resources and Conservation, Oil and Gas Division, *Annual Review*, 1955-2001.

Permit Data 1990-2001: Board of Oil and Gas Live Data Access, November 15, 2002 and July 29, 2004, <http://bogc.dnrc.mt.gov/OnlineData.htm>

Table P4. Refinery Receipts by Source of Crude Oil, 1960-2003 (thousand barrels)

Year	MONTANA		WYOMING		CANADA		NORTH DAKOTA		TOTAL
	Crude Oil	Percent of Total	Crude Oil	Percent of Total	Crude Oil	Percent of Total	Crude Oil	Percent of Total	
1960	10,531	42.3	14,383	57.7	21	0.1			24,935
1961	9,797	41.0	14,038	58.8	33	0.1			23,869
1962	11,175	39.7	16,708	59.4	266	0.9			28,149
1963	11,798	42.0	14,745	52.5	1,553	5.5			28,097
1964	12,292	38.4	15,714	49.1	4,002	12.5			32,007
1965	11,971	36.2	16,416	49.7	4,654	14.1			33,041
1966	10,626	31.8	18,120	54.2	4,684	14.0			33,429
1967	10,632	28.7	21,393	57.7	5,052	13.6			37,078
1968	9,690	23.7	20,915	51.0	10,347	25.2			40,951
1969	9,465	23.4	22,130	54.7	8,843	21.9			40,438
1970	9,080	21.5	19,342	45.7	13,908	32.8			42,330
1971	9,262	20.6	19,732	43.8	16,003	35.6			42,997
1972	8,194	16.9	19,241	39.6	21,156	43.5			48,591
1973	8,437	16.6	18,235	35.8	24,295	47.7			50,967
1974	7,989	16.6	16,949	35.3	23,115	48.1			48,053
1975	8,002	16.6	19,465	40.4	20,690	43.0			48,157
1976	8,517	16.9	18,311	36.4	23,494	46.7			50,322
1977	8,928	18.5	18,248	37.8	20,921	43.3	200	0.4	48,297
1978	8,848	18.5	17,513	36.6	21,369	44.7	69	0.1	47,739
1979	8,668	17.1	18,368	36.3	23,578	46.6	6	0.0	50,620
1980	8,016	17.9	19,050	42.6	17,627	39.4	25	0.1	44,719
1981	8,691	22.4	18,298	47.2	11,797	30.4	14	0.0	38,801
1982	8,653	20.5	18,178	43.0	15,402	36.5		0.0	42,234
1983	7,120	16.9	19,183	45.7	15,584	37.2	45	0.1	41,932
1984	7,821	18.2	20,552	47.9	14,516	33.8	55	0.0	42,945
1985	7,804	19.0	17,258	41.9	16,075	39.1	10	0.0	41,149
1986	6,019	14.1	13,795	32.4	22,778	53.5			42,593
1987	4,993	11.6	13,758	31.9	24,396	56.5			43,147
1988	4,607	10.5	14,907	34.0	24,306	55.5			43,820
1989	4,475	9.6	16,675	35.8	25,480	54.6			46,630
1990	4,057	8.5	16,431	34.4	27,271	57.1			47,760
1991	4,272	9.2	15,031	32.5	26,991	58.3			46,294
1992	3,907	8.3	14,820	31.6	28,110	60.0			46,837
1993	3,395	6.9	15,116	30.5	30,977	62.6			49,489
1994	3,109	5.9	11,865	22.7	37,383	71.4			52,357
1995	3,042	5.9	10,074	19.6	38,266	74.5			51,381
1996	3,033	5.5	9,686	17.5	42,549	77.0			55,269
1997	3,178	5.7	12,840	23.2	39,296	71.0			55,314
1998	3,203	5.7	13,067	23.5	39,449	70.8			55,719
1999	3,162	5.6	12,623	22.2	40,986	72.2			56,772
2000	3,520	5.9	13,579	22.9	42,281	71.2			59,380
2001	2,702	4.7	11,947	20.7	42,950	74.6			57,599
2002	1,733	2.8	11,100	18.2	48,130	78.9			60,963
2003	1,332	2.2	9,550	16.0	48,957	81.8			59,838

NOTE: Data originally reported by the Montana Oil and Gas Conservation Division have been revised on the basis of further information received from individual refineries. The Oil and Gas Conservation Division data originally understated Canadian inputs and overstated Wyoming inputs to the Continental Oil refinery, at least for the years 1968-75. Canadian inputs to the Big West Oil and Westco refineries were apparently not reported to the Oil and Gas Conservation Division. Revised data are available only for the years 1972-75, but it is likely that Canadian inputs to these two refineries were significant before 1972.

SOURCE: Montana Department of Natural Resources and Conservation, Oil and Gas Conservation Division, *Annual Review*, 1960-2003.

Table P5. Refinery Receipts by Source of Oil, 1998-2003 (barrels)

Average (1998-2003)	Cenex		Conoco		Exxon		Montana Refining		TOTALS	
Montana	1,238,904	7%	254,943	1%	717,215	4%	397,652	17%	2,608,715	4%
Wyoming	869,008	5%	862,857	4%	10,245,757	54%	-	-	11,977,621	21%
Canada	15,457,960	88%	18,267,294	94%	8,138,996	43%	1,927,998	83%	43,792,248	75%
Total Received	17,565,871	100%	19,385,094	100%	19,101,968	100%	2,325,650	100%	58,378,584	100%
2003	Cenex		Conoco		Exxon		Montana Refining		TOTALS	
Montana	889,294	5%	302,072	2%	-	-	140,380	6%	1,331,746	2%
Wyoming	408,712	2%	674,758	4%	8,466,132	43%	-	-	9,549,602	16%
Canada	17,827,042	93%	17,715,443	95%	11,129,578	57%	2,284,724	94%	48,956,787	82%
Total Received	19,125,048	100%	18,692,273	100%	19,595,710	100%	2,425,104	100%	59,838,135	100%
2002	Cenex		Conoco		Exxon		Montana Refining		TOTALS	
Montana	1,026,972	5%	119,337	1%	333,345	2%	253,772	10%	1,733,426	3%
Wyoming	402,446	2%	1,024,976	5%	9,672,522	52%	-	-	11,099,944	18%
Canada	17,693,908	93%	19,691,191	95%	8,567,758	46%	2,177,015	90%	48,129,872	79%
Total Received	19,123,326	100%	20,835,504	100%	18,573,625	100%	2,430,787	100%	60,963,242	100%
2001	Cenex		Conoco		Exxon		Montana Refining		TOTALS	
Montana	1,299,462	7%	101,308	1%	924,568	5%	376,851	17%	2,702,189	5%
Wyoming	758,202	4%	642,068	3%	10,546,750	57%	-	-	11,947,020	21%
Canada	15,511,970	88%	18,409,816	96%	7,148,432	38%	1,879,859	83%	42,950,077	75%
Total Received	17,569,634	100%	19,153,192	100%	18,619,750	100%	2,256,710	100%	57,599,286	100%
2000	Cenex		Conoco		Exxon		Montana Refining		TOTALS	
Montana	1,324,090	8%	485,023	2%	1,261,768	6%	449,119	21%	3,520,000	6%
Wyoming	1,530,079	9%	578,760	3%	11,469,924	57%	-	-	13,578,763	23%
Canada	13,569,484	83%	19,660,159	95%	7,312,076	36%	1,739,580	79%	42,281,299	71%
Total Received	16,423,653	100%	20,723,942	100%	20,043,768	100%	2,188,699	100%	59,380,062	100%
1999	Cenex		Conoco		Exxon		Montana Refining		TOTALS	
Montana	1,368,726	8%	298,747	2%	972,330	5%	522,394	22%	3,162,197	6%
Wyoming	1,541,855	9%	670,904	4%	10,410,600	52%	-	-	12,623,359	22%
Canada	13,673,690	82%	16,906,241	95%	8,563,587	43%	1,842,652	78%	40,986,170	72%
Total Received	16,584,271	100%	17,875,892	100%	19,946,517	100%	2,365,046	100%	56,771,726	100%
1998	Cenex		Conoco		Exxon		Montana Refining		TOTALS	
Montana	1,524,879	9%	223,173	1%	811,281	5%	643,397	28%	3,202,730	6%
Wyoming	572,752	3%	1,585,674	8%	10,908,612	61%	-	-	13,067,038	23%
Canada	14,471,664	87%	17,220,914	90%	6,112,547	34%	1,644,159	72%	39,449,284	71%
Total Received	16,569,295	100%	19,029,761	100%	17,832,440	100%	2,287,556	100%	55,719,052	100%

Source: Montana Department of Natural Resources and Conservation Montana Oil and Gas Annual Review (1998-2003).

Table P6. Petroleum Product Consumption Estimates, 1960-2001 (thousand barrels)

Year	Asphalt & Road Oil	Aviation Gasoline	Distillate Fuel	Jet Fuel	Kerosene	LPG	Lubricants	Motor Gasoline	Residual Fuel	Other ¹	TOTAL
1960	865	1,006	4,898	265	477	737	161	6,922	2,063	1,725	19,118
1961	823	1,427	5,278	280	366	859	157	6,979	2,580	2,112	20,861
1962	786	473	5,549	311	265	819	171	7,553	3,052	2,320	21,298
1963	900	499	5,393	340	359	766	171	7,481	2,852	2,704	21,465
1964	1,328	340	5,702	360	679	925	179	7,374	2,300	2,654	21,842
1965	1,003	312	4,962	384	248	926	189	7,709	1,241	2,835	19,809
1966	974	198	5,695	441	118	1,167	196	7,953	1,459	2,977	21,177
1967	1,066	131	3,394	574	859	1,585	175	8,104	1,231	3,092	20,211
1968	1,221	65	4,113	697	815	1,689	192	8,585	1,509	3,540	22,427
1969	1,189	38	4,641	806	657	1,690	196	8,737	1,556	3,739	23,250
1970	1,347	43	4,827	649	376	1,326	200	9,262	1,268	3,372	22,670
1971	1,337	42	5,715	767	362	1,402	188	9,494	1,262	3,356	23,926
1972	1,489	94	6,206	762	383	1,705	201	10,137	1,469	3,864	26,308
1973	1,397	110	6,989	757	405	1,503	219	10,883	1,765	4,018	28,048
1974	1,222	105	7,840	780	174	1,466	210	10,550	2,262	3,708	28,316
1975	924	79	7,586	818	122	1,370	208	10,630	2,178	3,772	27,687
1976	1,283	94	8,411	753	79	1,421	231	11,605	2,525	3,440	29,843
1977	1,133	92	8,258	772	93	1,368	247	11,100	2,506	3,700	29,270
1978	942	87	8,232	699	95	1,662	266	12,809	2,502	3,705	30,999
1979	1,054	122	9,037	907	17	1,094	278	11,162	5,773	3,424	32,869
1980	1,020	159	7,509	920	0	1,806	247	10,416	4,025	3,159	29,262
1981	1,035	177	6,469	800	26	1,027	237	10,797	2,494	2,623	25,686
1982	884	92	5,828	625	0	1,446	216	10,429	1,608	2,398	23,525
1983	1,130	102	8,863	652	18	1,497	227	10,525	1,306	2,328	26,648
1984	1,215	77	8,161	642	19	1,032	242	10,451	798	2,639	25,277
1985	1,463	91	10,444	678	10	1,576	225	10,188	133	2,512	27,320
1986	1,989	105	6,621	867	22	1,505	220	10,158	47	2,507	24,041
1987	1,642	82	6,223	718	8	1,716	249	10,258	23	3,236	24,156
1988	1,473	107	6,078	809	4	1,515	240	10,441	221	3,624	24,513
1989	1,749	95	7,336	750	3	1,608	246	10,310	180	3,615	25,893
1990	1,487	111	7,280	708	8	1,740	253	10,328	218	3,659	25,792
1991	1,350	108	7,220	615	3	1,053	227	10,360	145	3,203	24,284
1992	1,309	75	6,836	864	1	1,018	231	10,727	88	4,007	25,156
1993	1,707	64	7,315	901	8	2,200	235	10,999	680	3,295	27,404
1994	1,964	75	7,381	855	7	1,055	246	11,097	369	3,655	26,703
1995	1,293	78	8,049	1,052	1	918	242	11,328	236	4,713	27,909
1996	1,702	99	8,070	999	1	1,618	235	11,753	181	5,200	29,857
1997	1,448	71	9,037	792	2	277	248	11,480	162	4,897	28,413
1998	1,594	102	7,863	797	3	271	259	11,596	106	5,545	28,137
1999	2,625	121	7,921	836	2	527	262	11,768	20	6,344	30,428
2000	2,151	134	8,069	747	1	1,324	258	11,559	1	5,375	29,617
2001	903	109	8,476	756	12	1,400	237	11,640	2	6,740	30,276

¹ In Montana "Other Petroleum Products" are used primarily in petroleum industry operations and as refinery fuels.

NOTE: DOE models provide the best consumption estimates publicly available. However, the continuity of these data series estimates may be affected by changing data sources and estimation methodologies, which may account for some of the more dramatic year-to-year variation in consumption levels. See the "Additional Notes" under each type of energy in Technical Notes (http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes). Additionally, this table revises DEQ's 2002 report in the Distillate Fuel category, for 1984-1999 and the Other category for all years except 1985-1988.

SOURCE: U.S. Department of Energy, Energy Information Administration, *State Energy Data Consumption* tables (formerly *State Energy Data Report*), 1960-2001 (see Revised Historical Data at http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes as of June 2004).

Table P7. Residential Petroleum Product Consumption Estimates, 1960-2001 (thousand barrels)

Year	Distillate	
	Fuel	LPG ¹
1960	262	506
1961	335	616
1962	335	560
1963	328	499
1964	312	655
1965	277	636
1966	286	758
1967	196	994
1968	250	1,068
1969	289	1,072
1970	249	887
1971	397	905
1972	436	1,094
1973	495	965
1974	542	1,026
1975	589	973
1976	646	993
1977	616	993
1978	657	1,276
1979	675	606
1980	421	829
1981	273	503
1982	352	736
1983	449	901
1984	380	428
1985	309	604
1986	325	641
1987	220	709
1988	213	715
1989	345	831
1990	291	813
1991	287	703
1992	180	598
1993	234	548
1994	159	541
1995	218	473
1996	325	519
1997	685	152
1998	404	86
1999	225	342
2000	170	922
2001	170	940

¹ DOE has numerous caveats on its allocation of LPG consumption to the various sectors.

NOTE: This table excludes a small amount of kerosene consumption, which could not be estimated accurately by DOE models.

NOTE: DOE models provide the best consumption estimates publicly available. However, the continuity of these data series estimates may be affected by changing data sources and estimation methodologies, which may account for some of the more dramatic year-to-year variation in consumption levels. See the "Additional Notes" under each type of energy in Technical Notes (http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes). Additionally, this table revises DEQ's 2002 report in the Distillate Fuel category, for 1984-1999.

SOURCE: U.S. Department of Energy, Energy Information Administration, *State Energy Data Consumption* tables (formerly *State Energy Data Report*), 1960-2001 (see Revised Historical Data at http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes as of June 2004).

**Table P8. Commercial Petroleum Product Consumption Estimates, 1960-2001
(thousand barrels)**

Year	Distillate Fuel	LPG ¹	Motor Gasoline ²	Residual Fuel
1960	297	89	135	2
1961	380	109	146	3
1962	380	99	121	4
1963	372	88	141	4
1964	354	116	127	3
1965	315	112	144	1
1966	324	134	123	1
1967	223	175	135	1
1968	284	188	133	1
1969	329	189	107	1
1970	283	157	220	1
1971	451	160	127	1
1972	496	193	168	1
1973	562	170	136	1
1974	616	181	125	2
1975	668	172	174	2
1976	734	175	163	3
1977	699	175	157	3
1978	746	225	167	4
1979	766	107	179	11
1980	346	146	92	7
1981	380	89	110	0
1982	183	130	127	5
1983	1,104	159	76	172
1984	935	75	61	105
1985	772	107	72	126
1986	373	113	76	37
1987	272	125	80	13
1988	181	126	76	9
1989	192	147	77	13
1990	154	143	84	11
1991	164	124	63	3
1992	140	106	55	4
1993	170	97	12	5
1994	159	95	15	3
1995	102	83	13	3
1996	229	92	19	2
1997	162	27	12	1
1998	114	15	14	1
1999	142	60	14	2
2000	143	163	14	1
2001	197	166	14	0

¹ DOE has numerous caveats on its allocation of LPG consumption to the various sectors.

² Includes miscellaneous (including unclassified) and public nonhighway sales of motor gasoline.

NOTE: DOE models provide the best consumption estimates publicly available. However, the continuity of these data series estimates may be affected by changing data sources and estimation methodologies, which may account for some of the more dramatic year-to-year variation in consumption levels. See the "Additional Notes" under each type of energy in Technical Notes (http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes). Additionally, this table revises DEQ's 2002 report in the Distillate Fuel category, for 1984-1999.

SOURCE: U.S. Department of Energy, Energy Information Administration, *State Energy Data Consumption* tables (formerly *State Energy Data Report*), 1960-2001 (see Revised Historical Data at http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes as of June 2004).

**Table P9. Industrial Petroleum Product Consumption Estimates, 1960-2001
(thousand barrels)**

Year	Distillate Fuel ¹	LPG ²	Lubricants	Motor Gasoline ³	Residual Fuel ⁴
1960	1,500	112	23	816	1,684
1961	1,841	104	23	923	1,960
1962	2,159	125	30	685	2,575
1963	2,174	145	30	796	2,438
1964	2,331	128	31	746	1,986
1965	1,693	164	41	887	914
1966	2,123	254	43	681	980
1967	1,033	356	40	791	882
1968	1,222	359	44	745	1,242
1969	1,373	361	45	476	1,212
1970	1,274	246	46	635	1,123
1971	1,750	282	43	570	1,174
1972	1,863	339	46	702	1,390
1973	2,073	302	60	568	1,577
1974	2,413	206	58	503	2,126
1975	2,494	174	46	774	1,963
1976	2,926	202	51	774	2,303
1977	2,890	162	51	703	2,176
1978	2,375	115	55	578	2,270
1979	2,787	364	57	663	5,609
1980	1,925	786	51	619	4,018
1981	1,943	382	49	663	2,494
1982	1,396	551	45	632	1,603
1983	3,173	383	47	509	1,132
1984	2,686	461	50	558	692
1985	5,192	814	46	677	7
1986	1,968	696	45	637	10
1987	1,607	844	51	574	10
1988	1,473	626	50	575	212
1989	2,623	578	51	631	168
1990	2,778	717	52	615	207
1991	2,868	178	47	611	142
1992	2,141	279	48	572	85
1993	2,404	1,513	49	567	675
1994	1,917	360	51	603	365
1995	2,283	333	50	646	233
1996	2,569	991	48	663	178
1997	2,422	90	51	686	161
1998	1,955	108	54	437	106
1999	1,982	112	54	420	18
2000	1,904	227	53	406	0
2001	1,907	275	49	546	2

¹ Includes deliveries for industrial use (including industrial space heating and farm use), oil company use, off-highway use, and "other" uses. Does not include use at electric utilities.

² DOE has numerous caveats on its allocation of LPG consumption to the various sectors.

³ Includes sales for agricultural use, construction use, and industrial and commercial use.

⁴ Includes industrial use, oil company use, and "other" uses.

NOTE: This table does not show the categories "asphalt and road oil" and "other petroleum products," which are consumed solely in the industrial sector and already are reported in Table P6. It also does not include kerosene, since the consumption has been minimal in recent years.

NOTE: DOE models provide the best consumption estimates publicly available. However, the continuity of these data series estimates may be affected by changing data sources and estimation methodologies, which may account for some of the more dramatic year-to-year variation in consumption levels. See the "Additional Notes" under each type of energy in Technical Notes (http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes). Additionally, this table revises DEQ's 2002 report in the Distillate Fuel and Residual Fuel categories, for 1984-1999.

SOURCE: U.S. Department of Energy, Energy Information Administration, *State Energy Data Consumption* tables (formerly *State Energy Data Report*), 1960-2001 (see Revised Historical Data at http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes as of June 2004).

**Table P10. Transportation Petroleum Product Consumption Estimates, 1960-2001
(thousand barrels)**

Year	Aviation Gasoline ¹	Distillate Fuel ²	Jet Fuel ³	LPG ⁴	Lubricants	Motor Gasoline ¹	Residual Fuel ⁶
1960	1,006	2,839	265	29	137	5,972	377
1961	1,427	2,721	280	31	134	5,910	617
1962	473	2,675	311	35	141	6,747	471
1963	499	2,520	340	34	141	6,544	410
1964	340	2,705	360	26	148	6,501	307
1965	312	2,676	384	13	148	6,678	325
1966	198	2,961	441	21	153	7,148	396
1967	131	1,941	574	60	135	7,178	342
1968	65	2,356	697	73	148	7,708	243
1969	38	2,649	806	68	151	8,155	238
1970	43	3,020	649	36	154	8,407	119
1971	42	3,116	767	56	145	8,797	87
1972	94	3,408	762	78	155	9,267	63
1973	110	3,834	757	65	159	10,179	44
1974	105	4,266	780	53	152	9,922	122
1975	79	3,835	818	50	162	9,682	160
1976	94	4,101	753	50	180	10,668	141
1977	92	4,049	772	37	196	10,240	136
1978	87	4,451	699	46	211	12,064	134
1979	122	4,791	907	18	220	10,320	24
1980	159	4,759	920	45	196	9,705	0
1981	177	3,834	800	52	188	10,024	0
1982	92	3,866	625	29	172	9,671	0
1983	102	4,106	652	54	180	9,940	3
1984	77	4,082	642	69	192	9,831	2
1985	91	4,132	678	51	179	9,439	*
1986	105	3,930	867	55	175	9,445	0
1987	82	4,080	718	39	197	9,604	0
1988	107	4,149	809	48	190	9,789	0
1989	95	4,115	750	53	195	9,602	0
1990	111	3,993	708	67	201	9,630	0
1991	108	3,856	615	48	180	9,687	0
1992	75	4,339	864	35	183	10,100	0
1993	64	4,457	901	43	187	10,421	0
1994	75	5,100	855	58	195	10,479	0
1995	78	5,390	1,052	28	192	10,669	0
1996	99	4,886	999	16	186	11,070	0
1997	71	5,718	792	8	197	10,782	0
1998	102	5,350	797	62	206	11,145	0
1999	121	5,536	836	12	208	11,334	0
2000	134	5,812	747	11	205	11,139	0
2001	109	6,200	756	20	188	11,079	0

* Less than 0.5.

¹ Includes military and non-military use.

² Includes deliveries for military use, railroad use and highway use.

³ Non-military use only of kerosene-type jet fuel.

⁴ DOE has numerous caveats on its allocation of LPG consumption to the various sectors.

⁵ This table does not cover all uses of gasoline included in "Highway Use of Motor Fuel" in Table P11.

⁶ Includes military use and railroad use.

NOTE: DOE models provide the best consumption estimates publicly available. However, the continuity of these data series estimates may be affected by changing data sources and estimation methodologies, which may account for some of the more dramatic year-to-year variation in consumption levels. See the "Additional Notes" under each type of energy in Technical Notes (http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes). Additionally, this table revises DEQ's 2002 report in the Distillate Fuel category, for 1984-1999.

SOURCE: U.S. Department of Energy, Energy Information Administration, *State Energy Data Consumption* tables (formerly *State Energy Data Report*), 1960-2001 (see Revised Historical Data at http://www.eia.doe.gov/emeu/states/sep_fuel/notes/_fuelnotes_multistate.html#use_technotes as of June 2004).

Table P11. Motor Fuel Use, 1960-2002 (thousand gallons)

Year	Highway Use of Motor Fuel			Nonhighway	Losses Due to	TOTAL Consumption of Motor Fuel
	Gasoline	Diesel	Subtotal	Use of Motor Fuel (gasoline)	Evaporation, Handling, etc.	
1960	242,430	27,216	269,646	69,974	3,150	342,770
1961	240,490	31,255	271,745	89,218	3,360	364,323
1962	274,043	30,311	304,354	41,413	3,654	349,421
1963	267,671	33,447	301,118	46,958	3,738	351,814
1964	273,144	35,294	308,438	42,657	3,612	354,707
1965	280,705	38,879	319,584	48,872	3,906	372,362
1966	269,659	43,253	312,912	40,736	3,780	357,428
1967	300,192	40,668	340,860	44,078	3,990	388,928
1968	321,429	45,756	367,185	40,607	4,032	411,824
1969	342,954	49,868	392,822	27,902	4,074	424,798
1970	352,654	58,136	410,790	39,654	4,242	454,686
1971	372,174	61,295	433,469	33,345	4,242	471,056
1972	394,482	69,145	463,627	42,185	4,368	510,180
1973	432,272	76,954	509,226	35,933	4,662	549,821
1974	412,004	72,955	484,959	31,842	4,452	521,253
1975	404,957	72,682	477,639	45,256	4,494	527,389
1976	449,092	87,051	536,143	46,148	4,998	587,289
1977	431,617	89,381	520,998	42,667	4,452	568,117
1978	511,119	100,375	611,494	38,123	5,208	654,825
1979	443,580	103,756	547,336	44,112	5,250	596,698
1980	416,511	98,615	515,126	40,788	4,662	560,576
1981	423,780	108,849	532,629	44,001	4,704	581,334
1982	406,462	110,864	517,326	40,371	4,410	562,107
1983	418,919	105,234	524,153	33,306	4,494	561,953
1984	416,324	117,012	533,336	34,828	-	568,164
1985	403,929	109,043	512,972	37,675	-	550,647
1986	404,386	107,192	511,578	36,006	-	547,584
1987	407,673	108,341	516,014	33,187	-	549,201
1988	412,126	117,389	529,515	33,710	-	563,225
1989	408,306	120,917	529,223	35,714	-	564,937
1990	410,718	125,346	536,064	36,646	-	572,710
1991	409,896	116,176	526,072	36,365	-	562,437
1992	432,413	133,926	566,339	32,650	-	598,989
1993	441,553	139,443	580,996	29,807	-	610,803
1994	444,618	156,703	601,321	32,358	-	633,679
1995	447,134	159,632	606,766	34,258	-	641,024
1996	466,331	146,177	612,508	36,169	-	648,677
1997	454,226	175,736	629,962	35,250	-	665,212
1998	469,369	172,711	642,080	26,862	-	668,942
1999	480,754	185,212	665,966	26,486	-	692,452
2000	469,683	190,450	660,133	26,394	-	686,527
2001	467,567	198,232	665,799	32,041	-	697,840
2002	476,027	202,477	678,504	33,151	-	711,655

NOTE: Motor fuel is defined by the US Department of Transportation as all gasoline covered by state motor fuel tax laws plus diesel fuel and LPG used in the propulsion of motor vehicles. (The Montana data do not include any LPG.) Gasohol is included with gasoline. Military use of motor fuel and aviation jet fuel use are excluded from DOT data. Figures for highway use of fuels may be understated because of refunds given on fuel for nonhighway use such as agriculture.

Starting in 1984, losses due to evaporation and handling are no longer calculated by FHWA. Total consumption of motor fuel from 1984-2002, therefore, does not include this figure. To compare the total for these years to the total for the previous years, the losses should be subtracted from the 1950-83 total consumption column.

SOURCE: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, annual reports, 1960-2002.

Table P12a. Monthly Deliveries of Gasoline 1998-2003 (1000 gallons/day)¹

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL (1,000 gal.)
1998	1,076	1,122	1,201	1,273	1,354	1,496	1,753	1,633	1,443	1,321	1,232	1,224	491,119
1999	1,071	1,148	1,317	1,235	1,343	1,533	1,735	1,654	1,473	1,326	1,330	1,326	502,166
2000	1,029	1,184	1,231	1,200	1,419	1,559	1,647	1,632	1,383	1,328	1,272	1,192	490,570
2001	1,115	1,162	1,212	1,293	1,385	1,452	1,665	1,693	1,372	1,363	1,293	1,230	494,358
2002	1,145	1,193	1,239	1,254	1,416	1,516	1,752	1,690	1,475	1,405	1,300	1,242	506,322
2003	1,171	1,183	1,130	1,251	1,436	1,570	1,754	1,666	1,418	1,500	1,179	1,246	502,674
avg.	1,101	1,165	1,222	1,251	1,392	1,521	1,718	1,662	1,427	1,374	1,268	1,243	497,868

¹These data are from motor fuel tax collections and are supposed to cover all gasoline delivered for any purpose in Montana. On-road use of diesel accounts for over half these totals. The volumes come from distributors' bills of lading and therefore do not directly correlate with consumption; this may explain some more extreme month to month variation.

Source: Montana Department of Transportation motor fuel tax data base, July 2004.

Table 12b. Monthly Deliveries of Diesel 1998-2003 (1000 gallons/day)^{1,2}

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL (1,000 gal.)
1998	756	715	773	937	902	985	1,050	1,104	1,024	1,066	860	787	333,809
1999	911	885	1,052	1,103	1,038	1,052	1,115	1,158	1,052	1,028	986	1,506	392,680
2000	751	823	980	952	1,021	887	996	1,135	991	1,065	960	819	347,282
2001	967	902	878	1,049	1,083	1,056	1,147	1,193	994	1,135	906	855	370,436
2002	1,082	708	740	777	761	892	1,028	1,016	951	970	803	720	318,340
2003	924	803	823	978	1,010	990	1,119	1,171	1,023	1,198	943	897	361,915
avg.	899	806	874	966	969	977	1076	1130	1006	1077	910	931	354,077

¹These data are from motor fuel tax collections and are supposed to cover all diesel, dyed and undyed, delivered for any purpose in Montana. The volumes come from distributors' bills of lading and therefore do not directly correlate with consumption; this may explain some more extreme month to month variation.

Source: Montana Department of Transportation motor fuel tax data base, July 2004.

Table P13. Average Retail Price of Gasoline, 1990-2004 (cents/gallon)¹

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	109.2	107.7	108.5	109.4	110.9	112.2	112.6	130.0	138.2	144.1	142.8	139.5
1991	132.2	126.0	114.3	114.1	117.2	118.9	118.7	118.7	119.2	118.5	118.0	115.1
1992	109.6	105.2	107.3	110.7	118.8	127.3	131.7	131.5	129.6	127.8	126.0	121.6
1993	115.3	111.8	112.6	115.2	120.2	122.4	124.6	124.5	126.2	128.3	128.1	123.9
1994	116.5	114.6	114.2	116.1	124.4	128.5	133.0	133.2	134.1	132.3	129.7	127.3
1995	122.6	122.0	120.2	122.9	129.4	129.0	127.0	125.7	127.3	127.0	123.8	122.1
1996	121.7	125.3	130.8	140.1	141.1	139.6	137.7		142.1	142.1	139.9	138.5
1997	138.4	137.3	138.1	137.5	137.4	136.6	135.7	136.9	137.7	138.9	137.4	133.0
1998	129.1	124.5	121.3	122.1	121.9	121.3	121.8	121.5	121.4	119.0	114.8	106.7
1999	100.2	99.4	104.4		130.1	130.3	136.8	138.8	140.7	139.0	141.7	
2000	139.5	147.0	161.2	159.5	158.9	159.4	159.6	159.6	163.5	172.7	168.9	166.2
2001	151.1	150.5	147.2	154.8	169.3	161.2	154.0	157.7	157.6	147.5	128.9	119.2
2002		121.8	137.3		147.6	147.9	148.5	147.6	145.6	144.9	146.0	142.4
2003	150.7	166.4	168.3	160.9	157.2	156.1	161.0	167.3	167.4	158.8	157.4	153.0
2004	154.4	159.3	168.7									
Average	127.9	127.9	130.3	130.3	134.6	135.1	135.9	137.9	139.3	138.6	136.0	131.4
Median	125.9	124.5	121.3	122.5	129.8	129.7	134.4	133.2	138.0	139.0	133.6	127.3

¹State-wide average price of sales to end users through retail outlets, in nominal dollars.

Source: U.S. Department of Energy, Energy Information Agency, Form EIA-782A and Form EIA-782B data bases; also appears in *Petroleum Monthly*, Table 31, as of June, 2004.

Table P14. Estimated Price of Motor Fuel and Motor Fuel Taxes, 1970-2003

YEAR	Motor	State	Date	Federal	Date	Diesel	State	Date	Federal	Date	Gasohol	Gasohol	Date
	Gasoline	Tax		Tax		Tax	Tax		State Tax		Fed. Tax		
	(\$/gallon)	(¢/gallon)	Changed	(¢/gallon)	Changed	(\$/gallon)	(¢/gallon)	Changed	(¢/gallon)	Changed	(¢/gallon)	Changed	Changed
1970	0.36		7		4	0.21		9		4			
1971	0.37		7		4	0.22		9		4			
1972	0.35		7		4	0.22		9		4			
1973	0.40		7		4	0.25		9		4			
1974	0.54		7		4	0.40		9		4			
1975	0.60	7.75	June 1		4	0.41	9.75	June 1		4			
1976	0.61	7.75			4	0.43	9.75			4			
1977	0.66	8	July 1		4	0.48	10	July 1		4			
1978	0.69	8			4	0.50	10			4			
1979	0.88	9	July 1		4	0.71	11	July 1		4	2	April 1	0 ¹ Jan. 1
1980	1.07	9			4	1.03	11			4	2		0
1981	1.31	9			4	1.20	11			4	2		0
1982	1.30	9			4	1.17	11			4	2		0
1983	1.15	15	July 1		9	0.99	17	July 1		9	15	July 1	4 Apr. 1
1984	1.16	15			9	1.00	17			15	15		4
1985	1.16	15			9	0.94	17			15	15		3 Jan. 1
1986	0.90	17	Aug. 1		9	0.95	17			15	17	Aug. 1	3
1987	0.98	20	July 1		9.1	0.98	20	July 1		15.1	20	July 1	3.1 Jan. 1
1988	0.99	20			9.1	1.01	20			15.1	20		3.1
1989	1.10	20			9.1	1.13	20			15.1	20		3.1
1990	1.22	20			14.1	1.27	20			20.1	20		8.7 ² Dec. 1
1991	1.19	20			14.1	1.24	20			20.1	20		8.7 ²
1992	1.22	21	July 1		14.1	1.23	21	July 1		20.1	21	July 1	8.7 ²
1993	1.22	24	July 1		18.4	1.24	24	July 1		24.4	24	July 1	13 ² Oct. 1
1994	1.27	27	July 1		18.4	1.24	27.75	July 1		24.4	27	July 1	13 ²
1995	1.25	27			18.4	1.25	27.75			24.4	27		13 ²
1996	1.37	27			18.3	1.40	27.75			24.3	27		12.9 ² Jan. 1
1997	1.37	27			18.4	1.20	27.75			24.4	27		13 ² Oct. 1
1998	1.20	27			18.4	1.31	27.75			24.4	27		13 ²
1999	1.31	27			18.4	1.30	27.75			24.4	27		13 ²
2000	1.60	27			18.4	1.63	27.75			24.4	27		13 ²
2001	1.51	27			18.4	1.49	27.75			24.4	27		13.1 ² Jan. 1
2002	1.40	27			18.4	NA	27.75			24.4	27		13.1 ²
2003	1.61	27			18.4	NA	27.75			24.4	27		13.2 ² Jan. 1

¹ Gasohol was not defined in federal tax law until 1979. Products later defined as gasohol (10 percent ethanol by volume) were taxable as gasoline until 1979. From 1979 to 1983, gasohol was exempt from gasoline tax.

² Blends using methanol, and amounts of ethanol between 5.7 and 10 percent, were taxed at lower rates.

NOTES: Price is average of all grades, in nominal dollars, including state and federal per gallon fuel taxes. All prices except 1984-2003 gasoline prices are derived from the *State Energy Price and Expenditure Report*, which reports prices in \$/million Btu. The source database for gasoline prices 1984-2003 omits all fuel taxes; therefore, DEQ added those taxes into the figures presented here. The source document omits federal diesel fuel tax from 1970-82; therefore, the federal tax has been added and is included in the 1970-82 diesel prices listed above. See the source document for information on changes over time in the data sources and in the estimation methods used. In particular, note that diesel prices from 1984 forward are estimated as the ratio of the PAD IV diesel fuel price to the PAD IV motor gasoline price times the State motor gasoline price, plus federal and state per gallon taxes. PAD IV includes Colorado, Idaho, Montana, Utah and Wyoming.

SOURCES: Gasoline prices for 1984-2003 are from U.S. Department of Energy, Energy Information Administration, *Petroleum Marketing Annual*, Refiner/Reseller Motor Gasoline Prices by Grade, Sales to End Users Through Company Outlets, annual reports, 1985-2003 (EIA-0487). All other fuel prices are from U.S. Department of Energy, Energy Information Administration, *State Energy Data 2002 Price and Expenditure Data* (formerly, *State Energy Price and Expenditure Report*, annual reports 1970-2002 (EIA-0376). Pre-1986 diesel fuel prices may include non-highway diesel costs. Tax rates are from U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, annual reports 1970-2002.