

Table A4. Estimated Composition of Liquids Extracted at Natural Gas Processing Plants and the Resulting Heat Content Extraction Loss by State, 1997
(Liquid Volumes in Thousand Barrels, Heat Content in Billion Btu)

State	Estimated Components and Products in Liquids Extracted ^a					Estimated Heat Content Extraction Loss ^b
	Ethane	Propane	Isobutane	N-Butane	Pentanes Plus	Heat Content
Alabama	35	1,202	188	929	1,117	14,645
Alaska.....	0	1,317	3,629	10,377	19,585	154,848
Arkansas	52	69	33	138	136	1,785
California	9	2,197	3,024	1,470	2,546	38,594
Colorado.....	7,841	5,880	970	2,443	3,526	77,431
Florida	575	534	0	341	146	5,970
Illinois.....	0	23	0	0	38	260
Kansas	3,842	13,617	3,190	3,627	4,750	114,392
Kentucky	292	900	81	284	188	6,771
Louisiana.....	37,015	30,836	10,225	10,468	18,928	405,737
Michigan.....	1,033	1,468	612	527	844	17,426
Mississippi.....	0	56	0	59	117	1,011
Montana	10	132	18	83	81	1,342
New Mexico.....	34,986	20,635	3,683	7,366	8,300	271,830
North Dakota.....	0	1,776	0	1,093	1,029	16,291
Ohio.....	0	29	0	17	19	273
Oklahoma.....	28,181	20,864	3,516	7,003	8,180	248,951
Pennsylvania.....	0	278	58	147	104	2,413
Texas.....	108,214	77,145	37,668	7,724	44,564	1,018,436
Utah.....	4,283	3,890	414	1,619	3,551	53,176
West Virginia.....	1,625	2,059	268	579	526	18,906
Wyoming.....	12,173	11,408	2,690	3,967	5,714	135,528
Total.....	240,166	196,315	70,267	60,261	123,989	2,606,015

^a The liquid quantities shown are the estimated quantities of individual components and products contained in the liquids at the point at which the liquids were extracted from the natural gas. The estimates are based upon the assumption that the liquids extracted in each State were composed of natural gas components and products in the same proportions as those ultimately fractionated at processing and fractionating plants within the State. The quantities ultimately extracted in each State were obtained from unpublished summaries of the 12 monthly reports on Form EIA-816. For each State, ratios of the quantities of each component and product ultimately fractionated to the total quantity of liquids fractionated were developed. Those ratios were applied to the total liquids quantities extracted from natural gas in each State (see Table A3) to derive the estimated component and product quantities shown.

^b Extraction loss represents that portion of the natural gas stream which was transferred to the petroleum and natural gas liquids supply chain as a result of the removal of

part of the natural gas constituents in the form of natural gas liquids at natural gas processing plants. Estimates of the heat content extraction loss, i.e., the heat content of the extracted liquids, were computed using the following average heat content conversion factors (million Btu per barrel): ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; and pentanes plus, 4.620.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Estimated Components and Products in Liquids Extracted: Total liquids from Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production," apportioned to components and products based upon quantities of components and products fractionated as reported on Energy Information Administration (EIA), Form EIA-816, "Monthly Natural Gas Liquids Report" (see footnote a above). Heat Content extraction loss conversion factors (see footnote b above): Energy Information Administration, *Annual Energy Review*, 1997.