



Valero Energy Corporation

Operating Highlights and Throughput Volumes & Yields

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www.valero.com

Valero Energy Corporation
Quarterly Operating Highlights
(unaudited)

	2002				2003				2004				2005			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Gulf Coast																
Throughput Volumes (thousand barrels per day)	630	643	678	749	765	786	933	982	1,007	1,275	1,273	1,297	1,253	1,285	1,328	1,587
Throughput Margin per Barrel	\$ 3.13	\$ 3.89	\$ 4.75	\$ 4.63	\$ 5.39	\$ 4.16	\$ 4.62	\$ 4.36	\$ 6.56	\$ 8.14	\$ 7.34	\$ 8.46	\$ 8.98	\$ 10.51	\$ 13.82	\$ 13.07
Operating Costs per Barrel:																
Refinery Operating Expenses	\$ 2.29	\$ 2.56	\$ 2.43	\$ 2.43	\$ 2.70	\$ 2.46	\$ 2.62	\$ 2.59	\$ 2.86	\$ 2.51	\$ 2.49	\$ 2.59	\$ 2.76	\$ 2.61	\$ 3.46	\$ 3.23
Depreciation and Amortization	\$ 0.83	\$ 0.76	\$ 0.80	\$ 0.68	\$ 0.67	\$ 0.65	\$ 0.64	\$ 0.58	\$ 0.67	\$ 0.62	\$ 0.63	\$ 0.47	\$ 0.66	\$ 0.73	\$ 0.77	\$ 0.77
Total Operating Costs per Barrel	\$ 3.12	\$ 3.32	\$ 3.23	\$ 3.11	\$ 3.37	\$ 3.11	\$ 3.26	\$ 3.17	\$ 3.53	\$ 3.13	\$ 3.12	\$ 3.06	\$ 3.42	\$ 3.34	\$ 4.23	\$ 4.00
Net Margin per Barrel	\$ 0.01	\$ 0.57	\$ 1.52	\$ 1.52	\$ 2.02	\$ 1.05	\$ 1.36	\$ 1.19	\$ 3.03	\$ 5.01	\$ 4.22	\$ 5.40	\$ 5.56	\$ 7.17	\$ 9.59	\$ 9.07
West Coast																
Throughput Volumes (thousand barrels per day)	293	301	303	301	313	322	318	314	256	299	298	258	299	315	314	318
Throughput Margin per Barrel	\$ 5.56	\$ 4.62	\$ 3.80	\$ 5.74	\$ 7.34	\$ 6.20	\$ 7.15	\$ 6.83	\$ 7.41	\$ 13.67	\$ 9.29	\$ 9.25	\$ 12.67	\$ 14.30	\$ 14.78	\$ 11.91
Operating Costs per Barrel:																
Refinery Operating Expenses	\$ 2.82	\$ 2.86	\$ 2.91	\$ 2.94	\$ 3.05	\$ 2.95	\$ 3.09	\$ 3.25	\$ 4.09	\$ 3.47	\$ 3.31	\$ 4.35	\$ 3.66	\$ 3.63	\$ 3.91	\$ 3.19
Depreciation and Amortization	\$ 0.73	\$ 0.74	\$ 0.77	\$ 0.84	\$ 0.83	\$ 0.85	\$ 0.80	\$ 0.83	\$ 0.98	\$ 1.02	\$ 1.00	\$ 1.23	\$ 1.26	\$ 1.22	\$ 1.22	\$ 1.21
Total Operating Costs per Barrel	\$ 3.55	\$ 3.60	\$ 3.68	\$ 3.78	\$ 3.88	\$ 3.80	\$ 3.89	\$ 4.08	\$ 5.07	\$ 4.49	\$ 4.31	\$ 5.58	\$ 4.92	\$ 4.85	\$ 5.13	\$ 4.40
Net Margin per Barrel	\$ 2.01	\$ 1.02	\$ 0.12	\$ 1.96	\$ 3.46	\$ 2.40	\$ 3.26	\$ 2.75	\$ 2.34	\$ 9.18	\$ 4.98	\$ 3.67	\$ 7.75	\$ 9.45	\$ 9.65	\$ 7.51
Mid-Continent (Excluding Lima) (2)																
Throughput Volumes (thousand barrels per day)	244	269	272	274	256	274	292	280	289	296	291	287	291	263	302	387
Throughput Margin per Barrel	\$ 3.40	\$ 4.84	\$ 4.12	\$ 4.76	\$ 4.96	\$ 4.43	\$ 5.67	\$ 3.78	\$ 4.99	\$ 7.86	\$ 4.77	\$ 4.33	\$ 5.13	\$ 8.53	\$ 14.15	\$ 11.37
Operating Costs per Barrel:																
Refinery Operating Expenses	\$ 2.38	\$ 1.95	\$ 1.97	\$ 2.15	\$ 2.61	\$ 2.29	\$ 2.16	\$ 2.29	\$ 2.59	\$ 2.56	\$ 2.67	\$ 3.03	\$ 3.11	\$ 3.19	\$ 3.49	\$ 3.77
Depreciation and Amortization	\$ 0.55	\$ 0.52	\$ 0.58	\$ 0.53	\$ 0.61	\$ 0.49	\$ 0.43	\$ 0.53	\$ 0.55	\$ 0.55	\$ 0.64	\$ 0.64	\$ 0.69	\$ 0.58	\$ 0.90	\$ 0.71
Total Operating Costs per Barrel	\$ 2.93	\$ 2.47	\$ 2.55	\$ 2.68	\$ 3.22	\$ 2.78	\$ 2.59	\$ 2.82	\$ 3.14	\$ 3.11	\$ 3.31	\$ 3.67	\$ 3.80	\$ 3.77	\$ 4.39	\$ 4.48
Net Margin per Barrel	\$ 0.47	\$ 2.37	\$ 1.57	\$ 2.08	\$ 1.74	\$ 1.65	\$ 3.08	\$ 0.96	\$ 1.85	\$ 4.75	\$ 1.46	\$ 0.66	\$ 1.33	\$ 4.76	\$ 9.76	\$ 6.89
Northeast																
Throughput Volumes (thousand barrels per day)	356	336	351	376	368	379	368	386	387	363	381	391	377	391	451	570
Throughput Margin per Barrel	\$ 2.07	\$ 2.36	\$ 2.75	\$ 4.11	\$ 5.68	\$ 4.84	\$ 5.31	\$ 4.90	\$ 5.78	\$ 6.68	\$ 5.33	\$ 7.10	\$ 5.59	\$ 7.28	\$ 10.27	\$ 9.28
Operating Costs per Barrel:																
Refinery Operating Expenses	\$ 1.48	\$ 1.59	\$ 1.52	\$ 1.47	\$ 1.56	\$ 1.45	\$ 1.67	\$ 1.63	\$ 1.75	\$ 1.89	\$ 1.85	\$ 2.38	\$ 2.63	\$ 2.21	\$ 2.74	\$ 4.31
Depreciation and Amortization	\$ 0.49	\$ 0.50	\$ 0.50	\$ 0.46	\$ 0.49	\$ 0.52	\$ 0.50	\$ 0.52	\$ 0.53	\$ 0.64	\$ 0.59	\$ 0.67	\$ 0.80	\$ 0.78	\$ 0.76	\$ 0.79
Total Operating Costs per Barrel	\$ 1.97	\$ 2.09	\$ 2.02	\$ 1.93	\$ 2.05	\$ 1.97	\$ 2.17	\$ 2.15	\$ 2.28	\$ 2.53	\$ 2.44	\$ 3.05	\$ 3.43	\$ 2.99	\$ 3.50	\$ 5.10
Net Margin per Barrel	\$ 0.10	\$ 0.27	\$ 0.73	\$ 2.18	\$ 3.63	\$ 2.87	\$ 3.14	\$ 2.75	\$ 3.50	\$ 4.15	\$ 2.89	\$ 4.05	\$ 2.16	\$ 4.29	\$ 6.77	\$ 4.18
Total Refining (Excluding Lima) (2)																
Throughput Volumes (thousand barrels per day)	1,523	1,549	1,604	1,700	1,702	1,761	1,911	1,962	1,939	2,233	2,243	2,233	2,220	2,254	2,395	2,862
Throughput Margin per Barrel	\$ 3.40	\$ 3.87	\$ 4.03	\$ 4.73	\$ 5.75	\$ 4.72	\$ 5.33	\$ 4.78	\$ 6.28	\$ 8.60	\$ 6.92	\$ 7.78	\$ 8.40	\$ 10.25	\$ 13.32	\$ 11.96
Operating Costs per Barrel:																
Refinery Operating Expenses	\$ 2.22	\$ 2.30	\$ 2.24	\$ 2.26	\$ 2.50	\$ 2.31	\$ 2.45	\$ 2.47	\$ 2.76	\$ 2.55	\$ 2.51	\$ 2.81	\$ 2.90	\$ 2.75	\$ 3.39	\$ 3.52
Depreciation and Amortization	\$ 0.68	\$ 0.66	\$ 0.70	\$ 0.64	\$ 0.66	\$ 0.63	\$ 0.60	\$ 0.60	\$ 0.67	\$ 0.66	\$ 0.68	\$ 0.62	\$ 0.77	\$ 0.79	\$ 0.84	\$ 0.81
Total Operating Costs per Barrel	\$ 2.90	\$ 2.96	\$ 2.94	\$ 2.90	\$ 3.16	\$ 2.94	\$ 3.05	\$ 3.07	\$ 3.43	\$ 3.21	\$ 3.19	\$ 3.43	\$ 3.67	\$ 3.54	\$ 4.23	\$ 4.33
Net Margin per Barrel	\$ 0.50	\$ 0.91	\$ 1.09	\$ 1.83	\$ 2.59	\$ 1.78	\$ 2.28	\$ 1.71	\$ 2.85	\$ 5.39	\$ 3.73	\$ 4.35	\$ 4.73	\$ 6.71	\$ 9.09	\$ 7.63

Valero Energy Corporation
Quarterly Operating Highlights
(unaudited)

	2002				2003				2004				2005			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Mid-Continent (Including Lima) (2)																
Throughput Volumes (thousand barrels per day)	244	269	272	274	256	274	292	280	289	296	291	287	291	263	352	549
Throughput Margin per Barrel	\$ 3.40	\$ 4.84	\$ 4.12	\$ 4.76	\$ 4.96	\$ 4.43	\$ 5.67	\$ 3.78	\$ 4.99	\$ 7.86	\$ 4.77	\$ 4.33	\$ 5.13	\$ 8.53	\$ 14.85	\$ 11.26
Operating Costs per Barrel:																
Refinery Operating Expenses	\$ 2.38	\$ 1.95	\$ 1.97	\$ 2.15	\$ 2.61	\$ 2.29	\$ 2.16	\$ 2.29	\$ 2.59	\$ 2.56	\$ 2.67	\$ 3.03	\$ 3.11	\$ 3.19	\$ 3.35	\$ 3.57
Depreciation and Amortization	\$ 0.55	\$ 0.52	\$ 0.58	\$ 0.53	\$ 0.61	\$ 0.49	\$ 0.43	\$ 0.53	\$ 0.55	\$ 0.55	\$ 0.64	\$ 0.64	\$ 0.69	\$ 0.58	\$ 0.80	\$ 0.57
Total Operating Costs per Barrel	\$ 2.93	\$ 2.47	\$ 2.55	\$ 2.68	\$ 3.22	\$ 2.78	\$ 2.59	\$ 2.82	\$ 3.14	\$ 3.11	\$ 3.31	\$ 3.67	\$ 3.80	\$ 3.77	\$ 4.15	\$ 4.14
Net Margin per Barrel	\$ 0.47	\$ 2.37	\$ 1.57	\$ 2.08	\$ 1.74	\$ 1.65	\$ 3.08	\$ 0.96	\$ 1.85	\$ 4.75	\$ 1.46	\$ 0.66	\$ 1.33	\$ 4.76	\$ 10.70	\$ 7.12
Total Refining (Including Lima) (2)																
Throughput Volumes (thousand barrels per day)	1,523	1,549	1,604	1,700	1,702	1,761	1,911	1,962	1,939	2,233	2,243	2,233	2,220	2,254	2,445	3,024
Throughput Margin per Barrel	\$ 3.40	\$ 3.87	\$ 4.03	\$ 4.73	\$ 5.75	\$ 4.72	\$ 5.33	\$ 4.78	\$ 6.28	\$ 8.60	\$ 6.92	\$ 7.78	\$ 8.40	\$ 10.25	\$ 13.43	\$ 11.91
Operating Costs per Barrel:																
Refinery Operating Expenses	\$ 2.22	\$ 2.30	\$ 2.24	\$ 2.26	\$ 2.50	\$ 2.31	\$ 2.45	\$ 2.47	\$ 2.76	\$ 2.55	\$ 2.51	\$ 2.81	\$ 2.90	\$ 2.75	\$ 3.37	\$ 3.49
Depreciation and Amortization	\$ 0.68	\$ 0.66	\$ 0.70	\$ 0.64	\$ 0.66	\$ 0.63	\$ 0.60	\$ 0.60	\$ 0.67	\$ 0.66	\$ 0.68	\$ 0.62	\$ 0.77	\$ 0.79	\$ 0.83	\$ 0.79
Total Operating Costs per Barrel	\$ 2.90	\$ 2.96	\$ 2.94	\$ 2.90	\$ 3.16	\$ 2.94	\$ 3.05	\$ 3.07	\$ 3.43	\$ 3.21	\$ 3.19	\$ 3.43	\$ 3.67	\$ 3.54	\$ 4.20	\$ 4.28
Net Margin per Barrel	\$ 0.50	\$ 0.91	\$ 1.09	\$ 1.83	\$ 2.59	\$ 1.78	\$ 2.28	\$ 1.71	\$ 2.85	\$ 5.39	\$ 3.73	\$ 4.35	\$ 4.73	\$ 6.71	\$ 9.23	\$ 7.63
Retail - US																
Company - Operated Fuel Sites (Average)	1,413	1,399	1,322	1,273	1,248	1,209	1,164	1,153	1,137	1,122	1,103	1,069	1,036	1,025	1,026	1,011
Fuel Volumes (Gallons per Day per Site)	4,521	4,371	4,491	4,316	4,272	4,575	4,773	4,560	4,513	4,651	4,787	4,592	4,647	4,959	4,967	4,733
Fuel Margin (Cents per Gallon)	\$ 0.053	\$ 0.137	\$ 0.124	\$ 0.137	\$ 0.121	\$ 0.179	\$ 0.159	\$ 0.129	\$ 0.095	\$ 0.161	\$ 0.128	\$ 0.184	\$ 0.068	\$ 0.161	\$ 0.121	\$ 0.266
Merchandise Sales (Millions of Dollars)	\$ 248	\$ 276	\$ 263	\$ 225	\$ 215	\$ 247	\$ 251	\$ 225	\$ 217	\$ 241	\$ 248	\$ 220	\$ 214	\$ 246	\$ 250	\$ 224
Merchandise Margin (Percent of Sales)	26.3%	27.8%	27.9%	29.4%	28.7%	27.8%	27.3%	28.7%	28.8%	28.4%	27.8%	28.7%	29.2%	29.7%	30.1%	29.5%
Margin on Miscellaneous Sales (Millions of Dollars)	\$ 14	\$ 14	\$ 13	\$ 15	\$ 16	\$ 18	\$ 16	\$ 17	\$ 17	\$ 17	\$ 16	\$ 16	\$ 17	\$ 16	\$ 16	\$ 19
Selling Expenses (Millions of Dollars)	\$ 121	\$ 128	\$ 129	\$ 116	\$ 120	\$ 119	\$ 123	\$ 119	\$ 110	\$ 118	\$ 116	\$ 118	\$ 109	\$ 117	\$ 125	\$ 131
Retail - Northeast																
Fuel Volumes (Thousand Gallons per Day)	3,328	3,127	3,097	3,391	3,706	3,185	3,132	3,297	3,392	3,164	3,148	3,297	3,350	3,108	3,122	3,239
Fuel Margin (Cents per Gallon)	\$ 0.188	\$ 0.177	\$ 0.165	\$ 0.187	\$ 0.237	\$ 0.213	\$ 0.174	\$ 0.207	\$ 0.233	\$ 0.202	\$ 0.190	\$ 0.218	\$ 0.227	\$ 0.197	\$ 0.206	\$ 0.211
Merchandise Sales (Millions of Dollars)	\$ 21	\$ 25	\$ 28	\$ 26	\$ 24	\$ 31	\$ 34	\$ 33	\$ 31	\$ 34	\$ 38	\$ 37	\$ 33	\$ 37	\$ 42	\$ 38
Merchandise Margin (Percent of Sales)	22.3%	22.6%	22.7%	22.2%	21.5%	22.8%	23.6%	23.4%	23.5%	24.8%	23.9%	23.2%	25.6%	25.8%	25.0%	25.9%
Margin on Miscellaneous Sales (Millions of Dollars)	\$ 4	\$ 4	\$ 4	\$ 4	\$ 5	\$ 6	\$ 5	\$ 4	\$ 5	\$ 5	\$ 7	\$ 7	\$ 8	\$ 7	\$ 8	\$ 7
Selling Expenses (Millions of Dollars)	\$ 39	\$ 40	\$ 39	\$ 43	\$ 45	\$ 46	\$ 46	\$ 49	\$ 47	\$ 47	\$ 50	\$ 56	\$ 52	\$ 51	\$ 55	\$ 60
Ethanol (3)																
Ethanol Production (Thousand Gallons per Day)																
Gross Margin per Gallon of Ethanol Production																
Operating Costs per Gallon of Ethanol Production:																
Ethanol Operating Expenses																
Depreciation and Amortization																
Total Operating Costs per Gallon																
Net Margin per Gallon of Ethanol Production																

- Refinery operating expenses per barrel in these periods have been restated to reflect the reclassification of expenses related to the permanent cancellation of certain capital projects in progress resulting from the unfavorable impact of the continuing economic slowdown on refining industry fundamentals, which have been presented as asset impairment losses on a separate line in our consolidated financial statements.
- The Lima Refinery was acquired effective September 1, 2005 as part of the acquisition of Premcor Inc. and was sold effective July 1, 2007. As a result, the Mid-Continent and Total Refining Operating Highlights including the Lima Refinery are the same as those excluding the Lima Refinery prior to September 1, 2005 and subsequent to June 30, 2007.
- During the second quarter of 2009, Valero Energy Corporation acquired certain ethanol plants from VeraSun Energy Corporation.

Valero Energy Corporation
Quarterly Operating Highlights
(unaudited)

	2006				2007				2008				2009		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3 (1)	Q4 (1)	Q1 (1)	Q2 (1)	Q3
Gulf Coast															
Throughput Volumes (thousand barrels per day)	1,512	1,589	1,530	1,498	1,525	1,543	1,527	1,550	1,380	1,495	1,324	1,420	1,315	1,395	1,238
Throughput Margin per Barrel	\$ 11.40	\$ 15.92	\$ 13.92	\$ 11.53	\$ 12.35	\$ 18.52	\$ 10.49	\$ 9.91	\$ 9.51	\$ 13.25	\$ 13.21	\$ 10.26	\$ 7.13	\$ 3.94	\$ 4.66
Operating Costs per Barrel:															
Refinery Operating Expenses	\$ 3.18	\$ 3.28	\$ 3.27	\$ 3.33	\$ 3.45	\$ 3.65	\$ 3.98	\$ 3.72	\$ 4.72	\$ 4.34	\$ 4.83	\$ 4.15	\$ 4.02	\$ 3.17	\$ 3.81
Depreciation and Amortization	\$ 0.85	\$ 0.78	\$ 0.86	\$ 0.85	\$ 1.01	\$ 1.09	\$ 1.08	\$ 1.12	\$ 1.31	\$ 1.24	\$ 1.37	\$ 1.29	\$ 1.51	\$ 1.41	\$ 1.57
Total Operating Costs per Barrel	\$ 4.03	\$ 4.06	\$ 4.13	\$ 4.18	\$ 4.46	\$ 4.74	\$ 5.06	\$ 4.84	\$ 6.03	\$ 5.58	\$ 6.20	\$ 5.44	\$ 5.53	\$ 4.58	\$ 5.38
Net Margin per Barrel	\$ 7.37	\$ 11.86	\$ 9.79	\$ 7.35	\$ 7.89	\$ 13.78	\$ 5.43	\$ 5.07	\$ 3.48	\$ 7.67	\$ 7.01	\$ 4.82	\$ 1.60	\$ (0.64)	\$ (0.72)
West Coast															
Throughput Volumes (thousand barrels per day)	299	304	313	306	295	301	306	256	261	285	285	272	276	284	282
Throughput Margin per Barrel	\$ 12.61	\$ 20.29	\$ 13.78	\$ 13.61	\$ 17.56	\$ 20.35	\$ 9.82	\$ 9.45	\$ 7.89	\$ 11.92	\$ 11.60	\$ 11.75	\$ 14.40	\$ 9.03	\$ 8.51
Operating Costs per Barrel:															
Refinery Operating Expenses	\$ 4.29	\$ 4.20	\$ 3.49	\$ 4.21	\$ 4.38	\$ 4.81	\$ 4.24	\$ 6.00	\$ 5.56	\$ 5.41	\$ 5.53	\$ 4.95	\$ 5.10	\$ 4.37	\$ 4.35
Depreciation and Amortization	\$ 1.31	\$ 1.24	\$ 1.23	\$ 1.30	\$ 1.41	\$ 1.42	\$ 1.45	\$ 1.72	\$ 1.87	\$ 1.73	\$ 1.70	\$ 1.78	\$ 1.83	\$ 1.61	\$ 1.58
Total Operating Costs per Barrel	\$ 5.60	\$ 5.44	\$ 4.72	\$ 5.51	\$ 5.79	\$ 6.23	\$ 5.69	\$ 7.72	\$ 7.43	\$ 7.14	\$ 7.23	\$ 6.73	\$ 6.93	\$ 5.98	\$ 5.93
Net Margin per Barrel	\$ 7.01	\$ 14.85	\$ 9.06	\$ 8.10	\$ 11.77	\$ 14.12	\$ 4.13	\$ 1.73	\$ 0.46	\$ 4.78	\$ 4.37	\$ 5.02	\$ 7.47	\$ 3.05	\$ 2.58
Mid-Continent (Excluding Lima) (2)															
Throughput Volumes (thousand barrels per day)	352	430	426	429	353	373	445	436	412	439	426	416	400	370	374
Throughput Margin per Barrel	\$ 6.81	\$ 15.70	\$ 13.52	\$ 8.42	\$ 9.31	\$ 19.96	\$ 10.35	\$ 7.84	\$ 8.74	\$ 7.85	\$ 13.23	\$ 7.24	\$ 9.98	\$ 6.03	\$ 5.38
Operating Costs per Barrel:															
Refinery Operating Expenses	\$ 3.87	\$ 2.97	\$ 3.28	\$ 3.43	\$ 4.73	\$ 4.42	\$ 3.52	\$ 4.02	\$ 4.34	\$ 3.99	\$ 4.41	\$ 4.21	\$ 3.72	\$ 3.75	\$ 3.69
Depreciation and Amortization	\$ 0.84	\$ 1.06	\$ 0.97	\$ 1.08	\$ 1.68	\$ 1.34	\$ 1.15	\$ 1.26	\$ 1.33	\$ 1.27	\$ 1.28	\$ 1.28	\$ 1.47	\$ 1.72	\$ 1.53
Total Operating Costs per Barrel	\$ 4.71	\$ 4.03	\$ 4.25	\$ 4.51	\$ 6.41	\$ 5.76	\$ 4.67	\$ 5.28	\$ 5.67	\$ 5.26	\$ 5.69	\$ 5.49	\$ 5.19	\$ 5.47	\$ 5.22
Net Margin per Barrel	\$ 2.10	\$ 11.67	\$ 9.27	\$ 3.91	\$ 2.90	\$ 14.20	\$ 5.68	\$ 2.56	\$ 3.07	\$ 2.59	\$ 7.54	\$ 1.75	\$ 4.79	\$ 0.56	\$ 0.16
Northeast															
Throughput Volumes (thousand barrels per day)	575	520	583	575	574	577	566	564	556	527	552	525	476	440	485
Throughput Margin per Barrel	\$ 8.50	\$ 11.73	\$ 10.61	\$ 8.51	\$ 10.58	\$ 14.83	\$ 8.21	\$ 8.16	\$ 6.00	\$ 5.81	\$ 13.53	\$ 14.42	\$ 9.03	\$ 2.88	\$ 2.86
Operating Costs per Barrel:															
Refinery Operating Expenses	\$ 4.11	\$ 4.34	\$ 3.72	\$ 4.26	\$ 3.77	\$ 3.62	\$ 4.11	\$ 4.42	\$ 4.50	\$ 5.06	\$ 4.54	\$ 4.99	\$ 5.21	\$ 5.29	\$ 4.26
Depreciation and Amortization	\$ 0.93	\$ 1.26	\$ 1.09	\$ 1.17	\$ 1.22	\$ 1.25	\$ 1.27	\$ 1.32	\$ 1.41	\$ 1.49	\$ 1.36	\$ 1.37	\$ 1.57	\$ 1.71	\$ 1.59
Total Operating Costs per Barrel	\$ 5.04	\$ 5.60	\$ 4.81	\$ 5.43	\$ 4.99	\$ 4.87	\$ 5.38	\$ 5.74	\$ 5.91	\$ 6.55	\$ 5.90	\$ 6.36	\$ 6.78	\$ 7.00	\$ 5.85
Net Margin per Barrel	\$ 3.46	\$ 6.13	\$ 5.80	\$ 3.08	\$ 5.59	\$ 9.96	\$ 2.83	\$ 2.42	\$ 0.09	\$ (0.74)	\$ 7.63	\$ 8.06	\$ 2.25	\$ (4.12)	\$ (2.99)
Total Refining (Excluding Lima) (2)															
Throughput Volumes (thousand barrels per day)	2,739	2,843	2,852	2,808	2,747	2,794	2,844	2,806	2,609	2,746	2,587	2,633	2,467	2,489	2,379
Throughput Margin per Barrel	\$ 10.34	\$ 15.59	\$ 13.17	\$ 10.66	\$ 12.15	\$ 18.14	\$ 9.94	\$ 9.20	\$ 8.48	\$ 10.82	\$ 13.11	\$ 10.77	\$ 8.77	\$ 4.64	\$ 4.86
Operating Costs per Barrel:															
Refinery Operating Expenses	\$ 3.58	\$ 3.52	\$ 3.39	\$ 3.63	\$ 3.78	\$ 3.87	\$ 3.96	\$ 4.11	\$ 4.69	\$ 4.53	\$ 4.78	\$ 4.41	\$ 4.32	\$ 3.77	\$ 3.94
Depreciation and Amortization	\$ 0.92	\$ 0.96	\$ 0.96	\$ 1.00	\$ 1.18	\$ 1.19	\$ 1.17	\$ 1.24	\$ 1.40	\$ 1.35	\$ 1.39	\$ 1.36	\$ 1.55	\$ 1.53	\$ 1.58
Total Operating Costs per Barrel	\$ 4.50	\$ 4.48	\$ 4.35	\$ 4.63	\$ 4.96	\$ 5.06	\$ 5.13	\$ 5.35	\$ 6.09	\$ 5.88	\$ 6.17	\$ 5.77	\$ 5.87	\$ 5.30	\$ 5.52
Net Margin per Barrel	\$ 5.84	\$ 11.11	\$ 8.82	\$ 6.03	\$ 7.19	\$ 13.08	\$ 4.81	\$ 3.85	\$ 2.39	\$ 4.94	\$ 6.94	\$ 5.00	\$ 2.90	\$ (0.66)	\$ (0.66)

Valero Energy Corporation
Quarterly Operating Highlights
(unaudited)

	2006				2007				2008				2009		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3 (1)	Q4 (1)	Q1 (1)	Q2 (1)	Q3
Mid-Continent (Including Lima) (2)															
Throughput Volumes (thousand barrels per day)	504	584	568	580	505	531	445	436	412	439	426	416	400	370	374
Throughput Margin per Barrel	\$ 6.56	\$ 14.91	\$ 12.43	\$ 8.32	\$ 9.68	\$ 21.16	\$ 10.35	\$ 7.84	\$ 8.74	\$ 7.85	\$ 13.23	\$ 7.24	\$ 9.98	\$ 6.03	\$ 5.38
Operating Costs per Barrel:															
Refinery Operating Expenses	\$ 3.64	\$ 2.89	\$ 3.22	\$ 3.36	\$ 4.20	\$ 3.92	\$ 3.52	\$ 4.02	\$ 4.34	\$ 3.99	\$ 4.41	\$ 4.21	\$ 3.72	\$ 3.75	\$ 3.69
Depreciation and Amortization	\$ 0.69	\$ 1.06	\$ 0.89	\$ 1.02	\$ 1.44	\$ 1.02	\$ 1.15	\$ 1.26	\$ 1.33	\$ 1.27	\$ 1.28	\$ 1.28	\$ 1.47	\$ 1.72	\$ 1.53
Total Operating Costs per Barrel	\$ 4.33	\$ 3.95	\$ 4.11	\$ 4.38	\$ 5.64	\$ 4.94	\$ 4.67	\$ 5.28	\$ 5.67	\$ 5.26	\$ 5.69	\$ 5.49	\$ 5.19	\$ 5.47	\$ 5.22
Net Margin per Barrel	\$ 2.23	\$ 10.96	\$ 8.32	\$ 3.94	\$ 4.04	\$ 16.22	\$ 5.68	\$ 2.56	\$ 3.07	\$ 2.59	\$ 7.54	\$ 1.75	\$ 4.79	\$ 0.56	\$ 0.16
Total Refining (Including Lima) (2)															
Throughput Volumes (thousand barrels per day)	2,890	2,997	2,994	2,959	2,899	2,952	2,844	2,806	2,609	2,746	2,587	2,633	2,467	2,489	2,379
Throughput Margin per Barrel	\$ 10.11	\$ 15.44	\$ 12.98	\$ 10.53	\$ 12.06	\$ 18.46	\$ 9.94	\$ 9.20	\$ 8.48	\$ 10.82	\$ 13.11	\$ 10.77	\$ 8.77	\$ 4.64	\$ 4.86
Operating Costs per Barrel:															
Refinery Operating Expenses	\$ 3.56	\$ 3.48	\$ 3.37	\$ 3.61	\$ 3.74	\$ 3.81	\$ 3.96	\$ 4.11	\$ 4.69	\$ 4.53	\$ 4.78	\$ 4.41	\$ 4.32	\$ 3.77	\$ 3.94
Depreciation and Amortization	\$ 0.89	\$ 0.96	\$ 0.95	\$ 0.99	\$ 1.17	\$ 1.14	\$ 1.17	\$ 1.24	\$ 1.40	\$ 1.35	\$ 1.39	\$ 1.36	\$ 1.55	\$ 1.53	\$ 1.58
Total Operating Costs per Barrel	\$ 4.45	\$ 4.44	\$ 4.32	\$ 4.60	\$ 4.91	\$ 4.95	\$ 5.13	\$ 5.35	\$ 6.09	\$ 5.88	\$ 6.17	\$ 5.77	\$ 5.87	\$ 5.30	\$ 5.52
Net Margin per Barrel	\$ 5.66	\$ 11.00	\$ 8.66	\$ 5.93	\$ 7.15	\$ 13.51	\$ 4.81	\$ 3.85	\$ 2.39	\$ 4.94	\$ 6.94	\$ 5.00	\$ 2.90	\$ (0.66)	\$ (0.66)
Retail - US															
Company - Operated Fuel Sites (Average)	996	988	976	968	963	958	956	951	950	949	984	1,010	1,004	1,001	998
Fuel Volumes (Gallons per Day per Site)	4,882	4,916	5,012	5,133	4,982	5,006	5,068	4,861	4,942	5,104	4,946	5,009	4,984	5,119	4,963
Fuel Margin (Cents per Gallon)	\$ 0.100	\$ 0.145	\$ 0.275	\$ 0.126	\$ 0.123	\$ 0.202	\$ 0.197	\$ 0.172	\$ 0.112	\$ 0.129	\$ 0.273	\$ 0.389	\$ 0.117	\$ 0.125	\$ 0.231
Merchandise Sales (Millions of Dollars)	\$ 219	\$ 251	\$ 255	\$ 235	\$ 233	\$ 269	\$ 272	\$ 250	\$ 245	\$ 282	\$ 292	\$ 278	\$ 266	\$ 307	\$ 315
Merchandise Margin (Percent of Sales)	29.7%	30.5%	29.3%	28.7%	30.0%	29.8%	29.7%	29.4%	30.5%	29.8%	29.8%	29.7%	30.4%	28.6%	28.7%
Margin on Miscellaneous Sales (Millions of Dollars)	\$ 20	\$ 22	\$ 21	\$ 22	\$ 25	\$ 24	\$ 26	\$ 26	\$ 28	\$ 22	\$ 24	\$ 25	\$ 23	\$ 21	\$ 22
Selling Expenses (Millions of Dollars)	\$ 116	\$ 123	\$ 126	\$ 120	\$ 113	\$ 139	\$ 125	\$ 117	\$ 120	\$ 121	\$ 134	\$ 130	\$ 114	\$ 115	\$ 120
Retail - Northeast															
Fuel Volumes (Thousand Gallons per Day)	3,284	3,114	3,136	3,172	3,370	3,144	3,180	3,243	3,278	3,103	3,126	3,262	3,260	3,093	3,115
Fuel Margin (Cents per Gallon)	\$ 0.225	\$ 0.237	\$ 0.209	\$ 0.198	\$ 0.245	\$ 0.222	\$ 0.238	\$ 0.286	\$ 0.301	\$ 0.270	\$ 0.261	\$ 0.240	\$ 0.250	\$ 0.253	\$ 0.263
Merchandise Sales (Millions of Dollars)	\$ 36	\$ 43	\$ 46	\$ 42	\$ 37	\$ 47	\$ 53	\$ 50	\$ 46	\$ 54	\$ 56	\$ 44	\$ 39	\$ 49	\$ 58
Merchandise Margin (Percent of Sales)	27.9%	28.0%	27.0%	26.7%	29.4%	28.3%	26.9%	27.1%	28.3%	28.6%	28.6%	28.2%	29.9%	29.2%	28.6%
Margin on Miscellaneous Sales (Millions of Dollars)	\$ 8	\$ 7	\$ 9	\$ 8	\$ 9	\$ 9	\$ 9	\$ 10	\$ 9	\$ 10	\$ 10	\$ 7	\$ 8	\$ 7	\$ 10
Selling Expenses (Millions of Dollars)	\$ 56	\$ 59	\$ 59	\$ 60	\$ 58	\$ 61	\$ 65	\$ 72	\$ 68	\$ 69	\$ 67	\$ 59	\$ 55	\$ 56	\$ 62
Ethanol (3)															
Ethanol Production (Thousand Gallons per Day)													1,547	2,116	
Gross Margin per Gallon of Ethanol Production													\$ 0.49	\$ 0.59	
Operating Costs per Gallon of Ethanol Production:															
Ethanol Operating Expenses													\$ 0.30	\$ 0.31	
Depreciation and Amortization													\$ 0.03	\$ 0.03	
Total Operating Costs per Gallon													\$ 0.33	\$ 0.34	
Net Margin per Gallon of Ethanol Production													\$ 0.16	\$ 0.25	

- (1) Refinery operating expenses per barrel in these period of certain capital projects in progress resulting from the fundamentals, which have been presented as asset in
- (2) The Lima Refinery was acquired effective September 1 effective July 1, 2007. As a result, the Mid-Continent Refinery are the same as those excluding the Lima Refinery June 30, 2007.
- (3) During the second quarter of 2009, Valero Energy Corp

Valero Energy Corporation
Annual Operating Highlights (unaudited)

	Year Ended						
	2002	2003	2004	2005	2006	2007	2008 (1)
Gulf Coast							
Throughput Volumes (thousand barrels per day)	675	867	1,213	1,364	1,532	1,537	1,404
Throughput Margin per Barrel	\$ 4.13	\$ 4.62	\$ 7.69	\$ 11.73	\$ 13.23	\$ 12.81	\$ 11.57
Operating Costs per Barrel:							
Refinery Operating Expenses	\$ 2.43	\$ 2.60	\$ 2.60	\$ 3.03	\$ 3.26	\$ 3.70	\$ 4.50
Depreciation and Amortization	\$ 0.76	\$ 0.62	\$ 0.59	\$ 0.74	\$ 0.84	\$ 1.08	\$ 1.30
Total Operating Costs per Barrel	\$ 3.19	\$ 3.22	\$ 3.19	\$ 3.77	\$ 4.10	\$ 4.78	\$ 5.80
Net Margin per Barrel	\$ 0.94	\$ 1.40	\$ 4.50	\$ 7.96	\$ 9.13	\$ 8.03	\$ 5.77
West Coast							
Throughput Volumes (thousand barrels per day)	300	317	278	312	306	289	276
Throughput Margin per Barrel	\$ 4.92	\$ 6.86	\$ 10.02	\$ 13.42	\$ 15.07	\$ 14.41	\$ 10.84
Operating Costs per Barrel:							
Refinery Operating Expenses	\$ 2.88	\$ 3.08	\$ 3.78	\$ 3.59	\$ 4.04	\$ 4.82	\$ 5.36
Depreciation and Amortization	\$ 0.77	\$ 0.83	\$ 1.05	\$ 1.23	\$ 1.27	\$ 1.49	\$ 1.77
Total Operating Costs per Barrel	\$ 3.65	\$ 3.91	\$ 4.83	\$ 4.82	\$ 5.31	\$ 6.31	\$ 7.13
Net Margin per Barrel	\$ 1.27	\$ 2.95	\$ 5.19	\$ 8.60	\$ 9.76	\$ 8.10	\$ 3.71
Mid-Continent (Excluding Lima Refinery) (2)							
Throughput Volumes (thousand barrels per day)	265	276	291	311	410	402	423
Throughput Margin per Barrel	\$ 4.30	\$ 4.70	\$ 5.50	\$ 10.01	\$ 11.32	\$ 11.66	\$ 9.27
Operating Costs per Barrel:							
Refinery Operating Expenses	\$ 2.10	\$ 2.33	\$ 2.71	\$ 3.42	\$ 3.36	\$ 4.13	\$ 4.24
Depreciation and Amortization	\$ 0.55	\$ 0.51	\$ 0.60	\$ 0.74	\$ 1.00	\$ 1.33	\$ 1.29
Total Operating Costs per Barrel	\$ 2.65	\$ 2.84	\$ 3.31	\$ 4.16	\$ 4.36	\$ 5.46	\$ 5.53
Net Margin per Barrel	\$ 1.65	\$ 1.86	\$ 2.19	\$ 5.85	\$ 6.96	\$ 6.20	\$ 3.74
Northeast							
Throughput Volumes (thousand barrels per day)	355	375	380	448	563	570	540
Throughput Margin per Barrel	\$ 2.85	\$ 5.17	\$ 6.22	\$ 8.33	\$ 9.80	\$ 10.46	\$ 9.95
Operating Costs per Barrel:							
Refinery Operating Expenses	\$ 1.51	\$ 1.58	\$ 1.97	\$ 3.11	\$ 4.10	\$ 3.98	\$ 4.76
Depreciation and Amortization	\$ 0.49	\$ 0.51	\$ 0.61	\$ 0.78	\$ 1.11	\$ 1.27	\$ 1.40
Total Operating Costs per Barrel	\$ 2.00	\$ 2.09	\$ 2.58	\$ 3.89	\$ 5.21	\$ 5.25	\$ 6.16
Net Margin per Barrel	\$ 0.85	\$ 3.08	\$ 3.64	\$ 4.44	\$ 4.59	\$ 5.21	\$ 3.79
Total Refining (Excluding Lima Refinery) (2)							
Throughput Volumes (thousand barrels per day)	1,595	1,835	2,162	2,435	2,811	2,798	2,643
Throughput Margin per Barrel	\$ 4.02	\$ 5.13	\$ 7.44	\$ 11.10	\$ 12.47	\$ 12.33	\$ 10.79
Operating Costs per Barrel:							
Refinery Operating Expenses	\$ 2.26	\$ 2.43	\$ 2.65	\$ 3.17	\$ 3.53	\$ 3.93	\$ 4.60
Depreciation and Amortization	\$ 0.66	\$ 0.62	\$ 0.66	\$ 0.81	\$ 0.96	\$ 1.20	\$ 1.37
Total Operating Costs per Barrel	\$ 2.92	\$ 3.05	\$ 3.31	\$ 3.98	\$ 4.49	\$ 5.13	\$ 5.97
Net Margin per Barrel	\$ 1.10	\$ 2.08	\$ 4.13	\$ 7.12	\$ 7.98	\$ 7.20	\$ 4.82
Mid-Continent (Including Lima Refinery) (2)							
Throughput Volumes (thousand barrels per day)	265	276	291	364	559	479	423
Throughput Margin per Barrel	\$ 4.30	\$ 4.70	\$ 5.50	\$ 10.44	\$ 10.70	\$ 12.65	\$ 9.27
Operating Costs per Barrel:							
Refinery Operating Expenses	\$ 2.10	\$ 2.33	\$ 2.71	\$ 3.36	\$ 3.27	\$ 3.95	\$ 4.24
Depreciation and Amortization	\$ 0.55	\$ 0.51	\$ 0.60	\$ 0.65	\$ 0.92	\$ 1.23	\$ 1.29
Total Operating Costs per Barrel	\$ 2.65	\$ 2.84	\$ 3.31	\$ 4.01	\$ 4.19	\$ 5.18	\$ 5.53
Net Margin per Barrel	\$ 1.65	\$ 1.86	\$ 2.19	\$ 6.43	\$ 6.51	\$ 7.47	\$ 3.74
Total Refining (Including Lima Refinery) (2)							
Throughput Volumes (thousand barrels per day)	1,595	1,835	2,162	2,488	2,960	2,875	2,643
Throughput Margin per Barrel	\$ 4.02	\$ 5.13	\$ 7.44	\$ 11.14	\$ 12.29	\$ 12.48	\$ 10.79
Operating Costs per Barrel:							
Refinery Operating Expenses	\$ 2.26	\$ 2.43	\$ 2.65	\$ 3.16	\$ 3.50	\$ 3.91	\$ 4.60
Depreciation and Amortization	\$ 0.66	\$ 0.62	\$ 0.66	\$ 0.80	\$ 0.95	\$ 1.18	\$ 1.37
Total Operating Costs per Barrel	\$ 2.92	\$ 3.05	\$ 3.31	\$ 3.96	\$ 4.45	\$ 5.09	\$ 5.97
Net Margin per Barrel	\$ 1.10	\$ 2.08	\$ 4.13	\$ 7.18	\$ 7.84	\$ 7.39	\$ 4.82

Valero Energy Corporation
Annual Operating Highlights (unaudited)

	Year Ended						
	2002	2003	2004	2005	2006	2007	2008 (1)
Retail - US							
Company - Operated Fuel Sites (Average)	1,359	1,201	1,106	1,024	982	957	973
Fuel Volumes (Gallons per Day per Site)	4,401	4,512	4,644	4,830	4,985	4,979	5,000
Fuel Margin (Cents per Gallon)	\$ 0.111	\$ 0.148	\$ 0.142	\$ 0.154	\$ 0.162	\$ 0.174	\$ 0.229
Merchandise Sales (Millions of Dollars)	\$ 1,012	\$ 939	\$ 925	\$ 934	\$ 960	\$ 1,024	\$ 1,097
Merchandise Margin (Percent of Sales)	27.8%	28.1%	28.4%	29.7%	29.6%	29.7%	29.9%
Margin on Miscellaneous Sales (Millions of Dollars)	\$ 56	\$ 67	\$ 66	\$ 68	\$ 85	\$ 101	\$ 99
Selling Expenses (Millions of Dollars)	\$ 494	\$ 482	\$ 462	\$ 482	\$ 485	\$ 494	\$ 505
Retail - Northeast							
Fuel Volumes (Thousand Gallons per Day)	3,235	3,328	3,250	3,204	3,176	3,234	3,193
Fuel Margin (Cents per Gallon)	\$ 0.179	\$ 0.209	\$ 0.211	\$ 0.211	\$ 0.217	\$ 0.248	\$ 0.268
Merchandise Sales (Millions of Dollars)	\$ 99	\$ 122	\$ 140	\$ 150	\$ 167	\$ 187	\$ 200
Merchandise Margin (Percent of Sales)	22.5%	22.9%	23.8%	25.6%	27.4%	27.8%	28.5%
Margin on Miscellaneous Sales (Millions of Dollars)	\$ 16	\$ 19	\$ 24	\$ 30	\$ 32	\$ 37	\$ 36
Selling Expenses (Millions of Dollars)	\$ 161	\$ 186	\$ 200	\$ 222	\$ 234	\$ 256	\$ 263
Crude Oil Capacity MMbpd (year-end)	1.5	1.7	2.0	2.8	2.8	2.7	2.6
Thruput Capacity MMbpd (year-end)	1.9	2.1	2.5	3.3	3.3	3.1	3.0

- (1) Refinery operating expenses per barrel in these periods have been restated to reflect the reclassification of expenses related to the permanent cancellation of certain capital projects in progress resulting from the unfavorable impact of the continuing economic slowdown on refining industry fundamentals, which have been presented as asset impairment losses on a separate line in our consolidated financial statements.
- (2) The Lima Refinery was acquired effective September 1, 2005 as part of the acquisition of Premcor Inc. and was sold effective July 1, 2007. As a result, the Mid-Continent and Total Refining Operating Highlights including the Lima Refinery are the same as those excluding the Lima Refinery prior to September 1, 2005 and subsequent to June 30, 2007.

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2002				2003				2004				2005			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Gulf Coast																
Feedstocks:																
Heavy Sour Crude	43	41	50	43	52	55	178	188	264	448	389	427	434	388	388	604
Medium/Light Sour Crude	274	202	248	276	345	285	210	280	228	270	317	298	273	275	222	277
Acidic Sweet Crude	5	30	23	26	23	37	5	11	23	45	32	11	17	23	61	13
Sweet Crude	123	145	136	192	160	202	248	211	180	170	170	203	220	199	218	254
Residuals	59	72	81	59	74	84	67	81	92	104	167	164	116	182	241	173
Other Feedstocks	47	67	42	54	27	39	129	102	116	113	84	73	81	89	63	92
Total Feedstocks	551	557	580	650	681	702	837	873	903	1,150	1,159	1,176	1,141	1,156	1,193	1,413
Blendstocks and Other	79	86	98	98	85	84	96	109	104	126	115	121	113	129	135	174
Total Throughput Volumes	630	643	678	748	766	786	933	982	1,007	1,276	1,274	1,297	1,254	1,285	1,328	1,587
Yields:																
Gasolines & Blendstocks	309	341	384	410	390	423	487	513	506	551	544	554	492	562	569	714
Distillates	173	158	173	209	216	219	261	285	292	381	378	387	386	373	391	487
Petrochemicals	30	32	37	39	47	42	51	60	59	55	60	60	57	52	52	63
Asphalts	14	23	14	11	17	28	17	17	13	24	23	20	11	22	23	14
#6 Fuel Oil	30	26	29	35	40	33	35	32	34	46	50	51	50	66	60	54
Vacuum Gas Oil	21	15	11	6	1	-	29	30	50	129	125	133	138	125	130	136
Petroleum Coke	8	3	7	7	7	7	22	29	38	67	66	70	63	63	59	87
Other Products	49	47	29	38	54	40	42	28	28	30	36	34	60	28	34	39
Total Yields	634	645	684	755	772	792	944	994	1,020	1,283	1,282	1,309	1,257	1,291	1,318	1,594
West Coast																
Feedstocks:																
Heavy Sour Crude	79	68	79	83	98	86	84	83	74	106	95	76	86	94	96	88
Medium/Light Sour Crude	119	140	116	109	121	125	133	138	112	112	119	91	126	129	129	140
Acidic Sweet Crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sweet Crude	-	-	21	10	-	7	-	-	-	-	4	-	-	-	-	-
Residuals	-	-	1	1	-	3	2	-	-	1	4	1	-	-	-	-
Other Feedstocks	40	36	24	30	24	29	25	32	15	24	24	31	32	39	43	43
Total Feedstocks	238	244	241	233	243	250	244	253	201	243	246	199	244	262	268	271
Blendstocks and Other	55	57	62	68	69	72	74	61	55	55	52	59	55	53	46	47
Total Throughput Volumes	293	301	303	301	312	322	318	314	256	298	298	258	299	315	314	318
Yields:																
Gasolines & Blendstocks	190	201	188	200	205	201	200	206	161	191	191	157	198	205	206	205
Distillates	53	58	64	61	60	65	69	65	44	61	63	62	64	67	64	73
Petrochemicals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asphalts	8	9	10	9	7	9	10	9	8	9	10	9	3	9	10	10
#6 Fuel Oil	12	12	7	7	7	9	7	10	6	8	7	6	10	9	9	8
Vacuum Gas Oil	7	7	8	2	10	12	7	3	17	3	2	3	4	2	3	1
Petroleum Coke	13	14	14	14	15	15	15	15	11	15	16	12	15	15	15	16
Other Products	9	3	9	14	9	10	9	9	8	11	9	11	10	10	10	11
Total Yields	292	304	300	307	313	321	317	317	255	298	298	260	304	317	317	324

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2002				2003				2004				2005			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Mid-Continent (Excluding Lima) (1)																
Feedstocks:																
Heavy Sour Crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium/Light Sour Crude	45	58	49	52	60	61	51	34	53	54	50	55	63	43	39	24
Acidic Sweet Crude	-	-	-	5	-	-	-	-	5	-	-	-	-	-	-	-
Sweet Crude	189	198	211	191	182	198	224	219	212	220	218	200	203	203	244	327
Residuals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Feedstocks	7	10	7	2	1	1	5	2	2	4	4	5	2	4	3	3
Total Feedstocks	241	266	267	250	243	260	280	255	272	278	272	260	268	250	286	354
Blendstocks and Other	3	3	5	24	13	14	12	25	17	18	18	27	23	13	16	33
Total Throughput Volumes	244	269	272	274	256	274	292	280	289	296	290	287	291	263	302	387
Yields:																
Gasolines & Blendstocks	144	168	164	160	147	162	173	164	173	171	163	162	165	152	167	193
Distillates	65	69	73	82	73	69	79	83	80	85	89	88	86	77	99	146
Petrochemicals	6	6	8	9	9	8	8	8	10	8	8	8	11	8	9	10
Asphalts	16	25	23	16	21	25	22	16	18	19	19	18	20	16	16	12
#6 Fuel Oil	4	2	3	3	2	3	3	4	3	4	3	4	3	3	4	7
Vacuum Gas Oil	-	-	-	1	1	1	1	1	1	2	3	3	4	2	4	6
Petroleum Coke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Products	6	8	8	5	5	7	7	4	5	9	9	6	6	7	8	14
Total Yields	241	278	279	276	258	275	293	280	290	298	294	289	295	265	307	388
Northeast																
Feedstocks:																
Heavy Sour Crude	-	-	6	6	-	3	-	2	5	11	24	20	-	-	-	11
Medium/Light Sour Crude	147	128	132	145	134	148	114	116	124	105	149	164	134	121	189	255
Acidic Sweet Crude	86	91	89	80	79	78	70	85	72	67	57	55	89	83	64	65
Sweet Crude	101	100	108	125	130	130	158	154	160	152	115	119	122	157	157	172
Residuals	3	-	1	-	-	-	-	3	1	5	5	-	-	2	7	-
Other Feedstocks	2	5	3	1	8	2	3	3	6	6	1	6	5	5	5	17
Total Feedstocks	339	324	339	357	351	361	345	363	368	346	351	364	350	368	422	520
Blendstocks and Other	17	12	12	20	17	18	23	23	19	17	30	27	26	23	29	50
Total Throughput Volumes	356	336	351	377	368	379	368	386	387	363	381	391	376	391	451	570
Yields:																
Gasolines & Blendstocks	153	148	142	146	153	158	154	162	157	149	152	156	154	164	191	234
Distillates	137	120	131	150	146	147	147	156	154	142	144	149	149	147	172	197
Petrochemicals	3	3	4	2	3	4	3	3	4	4	3	4	4	4	4	4
Asphalts	8	13	18	9	6	14	12	7	4	8	14	12	13	8	11	8
#6 Fuel Oil	21	23	23	23	21	22	21	26	30	31	30	35	29	29	28	39
Vacuum Gas Oil	5	4	7	17	8	6	4	2	5	2	7	5	4	4	8	44
Petroleum Coke	7	5	4	6	8	5	4	6	7	5	6	7	7	6	6	7
Other Products	21	19	19	22	20	20	19	22	23	19	20	21	14	25	22	23
Total Yields	355	335	348	375	365	376	364	384	384	360	376	389	374	387	442	556

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2002				2003				2004				2005			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Total Refining (Excluding Lima) (1)																
Feedstocks:																
Heavy Sour Crude	122	109	135	132	150	144	262	273	343	565	508	523	520	482	484	703
Medium/Light Sour Crude	585	528	545	582	660	619	508	568	517	541	635	608	596	568	579	696
Acidic Sweet Crude	91	121	112	111	102	115	75	96	100	112	89	66	106	106	125	78
Sweet Crude	413	443	476	518	472	537	630	584	552	542	507	522	545	559	619	753
Residuals	62	72	83	60	74	87	69	84	93	110	176	165	116	184	248	173
Other Feedstocks	96	118	76	87	60	71	162	139	139	147	113	115	120	137	114	155
Total Feedstocks	1,369	1,391	1,427	1,490	1,518	1,573	1,706	1,744	1,744	2,017	2,028	1,999	2,003	2,036	2,169	2,558
Blendstocks and Other	154	158	177	210	184	188	205	218	195	216	215	234	217	218	226	304
Total Throughput Volumes	1,523	1,549	1,604	1,700	1,702	1,761	1,911	1,962	1,939	2,233	2,243	2,233	2,220	2,254	2,395	2,862
Yields:																
Gasolines & Blendstocks	796	858	878	916	895	944	1,014	1,045	997	1,062	1,050	1,029	1,009	1,083	1,133	1,346
Distillates	428	405	441	502	495	500	556	589	570	669	674	686	685	664	726	903
Petrochemicals	39	41	49	50	59	54	62	71	73	67	71	72	72	64	65	77
Asphalts	46	70	65	45	51	76	61	49	43	60	66	59	47	55	60	44
#6 Fuel Oil	67	63	62	68	70	67	66	72	73	89	90	96	92	107	101	108
Vacuum Gas Oil	33	26	26	26	20	19	41	36	73	136	137	144	150	133	145	187
Petroleum Coke	28	22	25	27	30	27	41	50	56	87	88	89	85	84	80	110
Other Products	85	77	65	79	88	77	77	63	64	69	74	72	90	70	74	87
Total Yields	1,522	1,562	1,611	1,713	1,708	1,764	1,918	1,975	1,949	2,239	2,250	2,247	2,230	2,260	2,384	2,862
Mid-Continent (Including Lima) (1)																
Feedstocks:																
Heavy Sour Crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium/Light Sour Crude	45	58	49	52	60	61	51	34	53	54	50	55	63	43	39	24
Acidic Sweet Crude	-	-	-	5	-	-	-	-	5	-	-	-	-	-	-	-
Sweet Crude	189	198	211	191	182	198	224	219	212	220	218	200	203	203	293	479
Residuals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Feedstocks	7	10	7	2	1	1	5	2	1	4	5	5	3	4	3	3
Total Feedstocks	241	266	267	250	243	260	280	255	271	278	273	260	269	250	335	506
Blendstocks and Other	3	3	5	24	13	14	12	25	18	18	17	27	22	13	17	43
Total Throughput Volumes	244	269	272	274	256	274	292	280	289	296	290	287	291	263	352	549
Yields:																
Gasolines & Blendstocks	144	168	164	160	147	162	173	164	173	171	163	162	165	152	199	284
Distillates	65	69	73	82	73	69	79	83	80	85	89	88	86	77	114	201
Petrochemicals	6	6	8	9	9	8	8	8	10	8	8	8	11	8	10	17
Asphalts	16	25	23	16	21	25	22	16	18	19	19	18	20	16	16	11
#6 Fuel Oil	4	2	3	3	2	3	3	4	3	4	3	4	3	3	4	10
Vacuum Gas Oil	-	-	-	1	1	1	1	1	1	2	3	3	4	2	4	6
Petroleum Coke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
Other Products	6	8	8	5	5	7	7	4	5	9	9	6	6	7	10	20
Total Yields	241	278	279	276	258	275	293	280	290	298	294	289	295	265	359	551

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2002				2003				2004				2005			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Total Refining (Including Lima) (1)																
Feedstocks:																
Heavy Sour Crude	122	109	135	132	150	144	262	273	343	565	508	523	520	482	484	703
Medium/Light Sour Crude	585	528	545	582	660	619	508	568	517	541	635	608	596	568	579	696
Acidic Sweet Crude	91	121	112	111	102	115	75	96	100	112	89	66	106	106	125	78
Sweet Crude	413	443	476	518	472	537	630	584	552	542	507	522	545	559	668	905
Residuals	62	72	83	60	74	87	69	84	93	110	176	165	116	184	248	173
Other Feedstocks	96	118	76	87	60	71	162	139	138	147	114	115	121	137	114	155
Total Feedstocks	1,369	1,391	1,427	1,490	1,518	1,573	1,706	1,744	1,743	2,017	2,029	1,999	2,004	2,036	2,218	2,710
Blendstocks and Other	154	158	177	210	184	188	205	218	196	216	214	234	216	218	227	314
Total Throughput Volumes	1,523	1,549	1,604	1,700	1,702	1,761	1,911	1,962	1,939	2,233	2,243	2,233	2,220	2,254	2,445	3,024
Yields:																
Gasolines & Blendstocks	796	858	878	916	895	944	1,014	1,045	997	1,062	1,050	1,029	1,009	1,083	1,165	1,437
Distillates	428	405	441	502	495	500	556	589	570	669	674	686	685	664	741	958
Petrochemicals	39	41	49	50	59	54	62	71	73	67	71	72	72	64	66	84
Asphalts	46	70	65	45	51	76	61	49	43	60	66	59	47	55	60	43
#6 Fuel Oil	67	63	62	68	70	67	66	72	73	89	90	96	92	107	101	111
Vacuum Gas Oil	33	26	26	26	20	19	41	36	73	136	137	144	150	133	145	187
Petroleum Coke	28	22	25	27	30	27	41	50	56	87	88	89	85	84	82	112
Other Products	85	77	65	79	88	77	77	63	64	69	74	72	90	70	76	93
Total Yields	1,522	1,562	1,611	1,713	1,708	1,764	1,918	1,975	1,949	2,239	2,250	2,247	2,230	2,260	2,436	3,025

(1) The Lima Refinery was acquired effective September 1, 2005 as part of the acquisition of Premcor Inc. and was sold effective July 1, 2007. As a result, the Mid-Continent and Total Refining throughput volumes and yields including the Lima Refinery are the same as those excluding the Lima Refinery prior to September 1, 2005 and subsequent to June 30, 2007.

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2006				2007				2008				2009		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Gulf Coast															
Feedstocks:															
Heavy Sour Crude	613	553	527	584	592	545	508	545	498	517	493	534	488	389	357
Medium/Light Sour Crude	195	246	237	278	261	279	292	282	257	324	283	317	288	319	272
Acidic Sweet Crude	11	4	12	8	11	5	-	-	7	13	1	8	31	41	3
Sweet Crude	249	271	262	199	228	228	206	180	164	153	83	77	98	153	150
Residuals	154	241	258	195	204	218	208	180	160	209	208	167	111	213	153
Other Feedstocks	120	84	70	72	97	103	132	161	104	73	88	107	110	113	115
Total Feedstocks	1,342	1,399	1,366	1,336	1,393	1,378	1,346	1,348	1,190	1,289	1,156	1,210	1,126	1,228	1,050
Blendstocks and Other	170	190	164	162	132	165	181	202	190	206	168	210	189	167	188
Total Throughput Volumes	1,512	1,589	1,530	1,498	1,525	1,543	1,527	1,550	1,380	1,495	1,324	1,420	1,315	1,395	1,238
Yields:															
Gasolines & Blendstocks	703	722	686	672	645	662	671	677	612	628	525	575	527	597	595
Distillates	451	476	473	478	498	487	478	485	443	535	445	481	447	461	395
Petrochemicals	65	57	58	66	66	63	64	60	60	59	47	46	44	55	54
Asphalts	12	17	20	13	14	18	17	9	15	9	11	11	10	17	19
#6 Fuel Oil	58	54	50	44	42	51	51	48	51	45	42	41	36	32	33
Vacuum Gas Oil	116	146	131	121	157	149	144	175	112	110	148	155	146	148	79
Petroleum Coke	84	85	83	86	93	88	77	77	72	83	71	79	71	69	49
Other Products	33	37	39	28	26	34	29	22	26	28	29	34	36	23	30
Total Yields	1,522	1,594	1,540	1,508	1,541	1,552	1,531	1,553	1,391	1,497	1,318	1,422	1,317	1,402	1,254
West Coast															
Feedstocks:															
Heavy Sour Crude	103	96	80	90	91	73	86	65	77	76	72	85	69	61	72
Medium/Light Sour Crude	112	114	127	110	115	114	97	90	101	115	119	110	114	105	92
Acidic Sweet Crude	-	3	9	8	4	23	18	5	6	15	17	6	10	30	19
Sweet Crude	-	-	3	4	-	3	20	25	1	-	-	-	-	-	21
Residuals	-	-	-	-	-	1	3	1	-	2	5	1	-	-	-
Other Feedstocks	39	38	36	39	34	27	32	26	28	32	30	30	37	38	29
Total Feedstocks	254	251	255	251	244	241	256	212	213	240	243	232	230	234	233
Blendstocks and Other	45	53	58	55	51	60	50	44	48	45	42	40	46	50	49
Total Throughput Volumes	299	304	313	306	295	301	306	256	261	285	285	272	276	284	282
Yields:															
Gasolines & Blendstocks	191	197	197	194	181	184	192	147	169	174	171	156	177	186	184
Distillates	63	61	69	68	67	73	70	54	58	75	76	71	64	62	61
Petrochemicals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asphalts	6	7	10	8	7	9	10	4	2	7	10	7	3	6	8
#6 Fuel Oil	9	9	8	9	12	8	8	10	9	8	8	10	9	7	6
Vacuum Gas Oil	7	6	5	7	4	4	5	22	3	2	1	7	2	2	1
Petroleum Coke	16	15	15	15	15	14	14	10	12	13	12	13	13	12	13
Other Products	11	11	12	9	12	10	9	8	11	8	10	9	10	10	10
Total Yields	303	306	316	310	298	302	308	255	264	287	288	273	278	285	283

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2006				2007				2008				2009		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Mid-Continent (Excluding Lima) (1)															
Feedstocks:															
Heavy Sour Crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium/Light Sour Crude	19	45	33	41	29	42	48	35	48	56	63	47	50	39	20
Acidic Sweet Crude	-	-	-	-	-	-	-	-	-	6	1	-	-	-	-
Sweet Crude	305	356	362	352	293	297	358	347	327	350	329	329	317	282	315
Residuals	-	-	-	-	-	-	1	1	1	-	2	1	-	12	5
Other Feedstocks	4	5	3	2	2	3	6	6	4	1	2	4	3	2	4
Total Feedstocks	328	406	398	395	324	342	413	389	380	413	397	381	370	335	344
Blendstocks and Other	25	24	28	34	29	31	32	47	32	26	29	35	30	35	30
Total Throughput Volumes	353	430	426	429	353	373	445	436	412	439	426	416	400	370	374
Yields:															
Gasolines & Blendstocks	179	220	224	223	168	172	212	217	201	212	215	209	207	202	204
Distillates	129	157	150	152	131	146	174	172	164	180	168	158	146	123	125
Petrochemicals	10	13	14	15	10	12	13	13	12	13	12	12	13	10	12
Asphalts	14	16	15	16	10	8	11	6	9	13	15	14	12	11	12
#6 Fuel Oil	5	8	8	7	7	13	19	18	11	8	8	10	8	8	7
Vacuum Gas Oil	5	1	1	3	5	2	3	1	3	-	1	5	3	4	1
Petroleum Coke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Products	11	14	10	13	21	16	9	9	13	11	7	6	8	10	14
Total Yields	353	429	422	429	352	369	441	436	413	437	426	414	397	368	375
Northeast															
Feedstocks:															
Heavy Sour Crude	49	25	12	25	7	-	-	42	7	-	-	8	15	1	14
Medium/Light Sour Crude	227	236	240	209	210	215	226	204	250	220	205	179	173	119	160
Acidic Sweet Crude	55	44	62	44	69	58	61	66	60	46	56	73	71	33	2
Sweet Crude	184	109	157	196	184	189	176	161	137	155	166	155	147	181	190
Residuals	1	37	50	34	41	54	53	22	31	42	67	14	2	23	53
Other Feedstocks	18	24	25	10	19	17	11	16	23	22	16	31	21	33	31
Total Feedstocks	534	475	546	518	530	533	527	511	508	485	510	460	429	390	450
Blendstocks and Other	41	45	37	57	44	44	39	53	48	42	42	65	47	50	35
Total Throughput Volumes	575	520	583	575	574	577	566	564	556	527	552	525	476	440	485
Yields:															
Gasolines & Blendstocks	246	215	262	258	255	259	249	251	242	218	225	216	212	211	224
Distillates	217	185	219	216	215	207	210	209	207	192	217	191	175	147	163
Petrochemicals	5	4	7	5	6	6	7	7	5	5	7	5	4	5	6
Asphalts	3	9	12	8	5	10	10	4	5	10	12	7	6	8	11
#6 Fuel Oil	31	24	33	31	34	40	38	39	43	54	38	39	33	34	19
Vacuum Gas Oil	20	33	3	7	6	5	4	3	2	5	8	23	5	1	21
Petroleum Coke	14	11	7	11	10	10	12	13	10	8	11	10	8	4	8
Other Products	27	27	26	28	29	28	25	26	29	24	22	23	22	20	19
Total Yields	563	508	569	564	560	565	555	552	543	516	540	514	465	430	471

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2006				2007				2008				2009		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Total Refining (Excluding Lima) (1)															
Feedstocks:															
Heavy Sour Crude	765	674	619	699	690	618	594	652	582	593	565	627	572	451	443
Medium/Light Sour Crude	553	641	637	638	615	650	663	611	656	715	670	653	625	582	544
Acidic Sweet Crude	66	51	83	60	84	86	79	71	73	80	75	87	112	104	24
Sweet Crude	738	736	784	751	705	717	760	713	629	658	578	561	562	616	676
Residuals	155	278	308	229	245	273	265	204	192	253	282	183	113	248	211
Other Feedstocks	181	151	134	123	152	150	181	209	159	128	136	172	171	186	179
Total Feedstocks	2,458	2,531	2,565	2,500	2,491	2,494	2,542	2,460	2,291	2,427	2,306	2,283	2,155	2,187	2,077
Blendstocks and Other	281	312	287	308	256	300	302	346	318	319	281	350	312	302	302
Total Throughput Volumes	2,739	2,843	2,852	2,808	2,747	2,794	2,844	2,806	2,609	2,746	2,587	2,633	2,467	2,489	2,379
Yields:															
Gasolines & Blendstocks	1,319	1,354	1,369	1,347	1,249	1,277	1,324	1,292	1,224	1,232	1,136	1,156	1,123	1,196	1,207
Distillates	860	879	911	914	911	913	932	920	872	982	906	901	832	793	744
Petrochemicals	80	74	79	86	82	81	84	80	77	77	66	63	61	70	72
Asphalts	35	49	57	45	36	45	48	23	31	39	48	39	31	42	50
#6 Fuel Oil	103	95	99	91	95	112	116	115	114	115	96	100	86	81	65
Vacuum Gas Oil	148	186	140	138	172	160	156	201	120	117	158	190	156	155	102
Petroleum Coke	114	111	105	112	118	112	103	100	94	104	94	102	92	85	70
Other Products	82	89	87	78	88	88	72	65	79	71	68	72	76	63	73
Total Yields	2,741	2,837	2,847	2,811	2,751	2,788	2,835	2,796	2,611	2,737	2,572	2,623	2,457	2,485	2,383
Mid-Continent (Including Lima) (1)															
Feedstocks:															
Heavy Sour Crude	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
Medium/Light Sour Crude	19	45	33	41	41	62	48	35	48	56	63	47	50	39	20
Acidic Sweet Crude	-	-	-	-	7	11	-	-	-	6	1	-	-	-	-
Sweet Crude	442	500	494	481	413	412	358	347	327	350	329	329	317	282	315
Residuals	-	-	-	-	-	-	1	1	1	-	2	1	-	12	5
Other Feedstocks	5	7	4	6	2	5	6	6	4	1	2	4	3	2	4
Total Feedstocks	466	552	531	528	467	490	413	389	380	413	397	381	370	335	344
Blendstocks and Other	38	32	37	52	38	41	32	47	32	26	29	35	30	35	30
Total Throughput Volumes	504	584	568	580	505	531	445	436	412	439	426	416	400	370	374
Yields:															
Gasolines & Blendstocks	263	309	303	307	249	264	212	217	201	212	215	209	207	202	204
Distillates	178	204	191	203	183	195	174	172	164	180	168	158	146	123	125
Petrochemicals	19	21	21	23	19	18	13	13	12	13	12	12	13	10	12
Asphalts	13	16	16	16	10	7	11	6	9	13	15	14	12	11	12
#6 Fuel Oil	8	11	11	9	9	17	19	18	11	8	8	10	8	8	7
Vacuum Gas Oil	6	2	6	4	6	3	3	1	3	-	1	5	3	4	1
Petroleum Coke	3	3	2	3	3	4	-	-	-	-	-	-	-	-	-
Other Products	17	19	14	17	27	20	9	9	13	11	7	6	8	10	14
Total Yields	507	585	564	582	506	528	441	436	413	437	426	414	397	368	375

Valero Energy Corporation
Quarterly Throughput
Volumes and Yields Summary
(Thousand barrels per day)
(Unaudited)

	2006				2007				2008				2009		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Total Refining (Including Lima) (1)															
Feedstocks:															
Heavy Sour Crude	765	674	619	699	694	618	594	652	582	593	565	627	572	451	443
Medium/Light Sour Crude	553	641	637	638	627	670	663	611	656	715	670	653	625	582	544
Acidic Sweet Crude	66	51	83	60	91	97	79	71	73	80	75	87	112	104	24
Sweet Crude	875	880	916	880	825	832	760	713	629	658	578	561	562	616	676
Residuals	155	278	308	229	245	273	265	204	192	253	282	183	113	248	211
Other Feedstocks	182	153	135	127	152	152	181	209	159	128	136	172	171	186	179
Total Feedstocks	2,596	2,677	2,698	2,633	2,634	2,642	2,542	2,460	2,291	2,427	2,306	2,283	2,155	2,187	2,077
Blendstocks and Other	294	320	296	326	265	310	302	346	318	319	281	350	312	302	302
Total Throughput Volumes	2,890	2,997	2,994	2,959	2,899	2,952	2,844	2,806	2,609	2,746	2,587	2,633	2,467	2,489	2,379
Yields:															
Gasolines & Blendstocks	1,403	1,443	1,448	1,431	1,330	1,369	1,324	1,292	1,224	1,232	1,136	1,156	1,123	1,196	1,207
Distillates	909	926	952	965	963	962	932	920	872	982	906	901	832	793	744
Petrochemicals	89	82	86	94	91	87	84	80	77	77	66	63	61	70	72
Asphalts	34	49	58	45	36	44	48	23	31	39	48	39	31	42	50
#6 Fuel Oil	106	98	102	93	97	116	116	115	114	115	96	100	86	81	65
Vacuum Gas Oil	149	187	145	139	173	161	156	201	120	117	158	190	156	155	102
Petroleum Coke	117	114	107	115	121	116	103	100	94	104	94	102	92	85	70
Other Products	88	94	91	82	94	92	72	65	79	71	68	72	76	63	73
Total Yields	2,895	2,993	2,989	2,964	2,905	2,947	2,835	2,796	2,611	2,737	2,572	2,623	2,457	2,485	2,383

(1) The Lima Refinery was acquired effective Sep 2007 and is included in the Midcontinent Refining segment effective July 1, 2007. As a result, the Midcontinent Refining segment and the Lima Refinery are the same as those reported in the 2007 Operating Highlights to June 30, 2007.

Valero Energy Corporation

Annual Throughput Volumes and Yields Summary (Thousand barrels per day)

(Unaudited)

	2002	2003	2004	2005	2006	2007	2008
Gulf Coast							
Throughput Volumes:							
Feedstocks:							
Heavy Sour Crude	45	119	382	454	571	547	511
Medium/Light Sour Crude	250	280	278	263	239	279	295
Acidic Sweet Crude	21	19	28	28	8	4	7
Sweet Crude	149	206	182	223	245	211	119
Residuals	67	77	132	179	210	203	186
Other Feedstocks	52	74	97	81	86	123	93
Total Feedstocks	584	775	1,099	1,228	1,359	1,367	1,211
Blendstocks and Other	91	92	114	136	173	170	193
Total Throughput Volumes	675	867	1,213	1,364	1,532	1,537	1,404
Yields:							
Gasolines & Blendstocks	361	453	539	585	696	664	585
Distillates	179	246	360	410	470	487	476
Petrochemicals	34	50	58	56	62	63	53
Asphalts	15	20	20	19	14	15	12
#6 Fuel Oil	31	35	9	57	51	48	45
Vacuum Gas Oil	15	16	109	131	129	156	131
Petroleum Coke	6	17	60	68	85	84	76
Other Products	39	39	69	41	34	27	29
Total Yields	680	876	1,224	1,367	1,541	1,544	1,407
West Coast							
Throughput Volumes:							
Feedstocks:							
Heavy Sour Crude	77	88	88	91	92	79	77
Medium/Light Sour Crude	121	129	108	130	116	104	111
Acidic Sweet Crude	-	-	-	-	5	12	11
Sweet Crude	8	2	1	-	2	12	-
Residuals	1	1	1	-	-	1	2
Other Feedstocks	33	27	24	40	38	30	31
Total Feedstocks	240	247	222	261	253	238	232
Blendstocks and Other	60	70	56	50	53	51	44
Total Throughput Volumes	300	317	278	311	306	289	276
Yields:							
Gasolines & Blendstocks	195	203	175	203	195	176	168
Distillates	59	65	58	67	65	66	69
Petrochemicals	-	-	-	-	-	-	-
Asphalts	9	9	9	8	8	8	6
#6 Fuel Oil	9	8	7	9	9	10	9
Vacuum Gas Oil	5	8	6	3	6	9	4
Petroleum Coke	14	15	14	16	15	13	13
Other Products	10	9	9	9	11	9	9
Total Yields	301	317	278	315	309	291	278

Valero Energy Corporation
Annual Throughput Volumes and Yields Summary (Thousand barrels per day)
Mid-Continent (Excluding Lima) (1)
Throughput Volumes:

Feedstocks:

Heavy Sour Crude	-	-	-	-	-	-	-
Medium/Light Sour Crude	51	51	53	42	35	38	54
Acidic Sweet Crude	1	-	1	-	-	-	2
Sweet Crude	197	206	212	245	344	324	334
Residuals	-	-	-	-	-	1	1
Other Feedstocks	7	2	2	3	4	4	2
Total Feedstocks	256	259	268	290	383	367	393
Blendstocks and Other	9	17	23	22	27	35	30
Total Throughput Volumes	265	276	291	312	410	402	423

Yields:

Gasolines & Blendstocks	159	162	167	170	212	192	209
Distillates	72	76	86	102	147	156	168
Petrochemicals	8	8	9	10	13	12	12
Asphalts	20	21	19	16	15	8	13
#6 Fuel Oil	3	3	3	5	7	14	9
Vacuum Gas Oil	-	1	3	4	3	3	2
Petroleum Coke	-	-	-	-	-	-	-
Other Products	7	6	6	7	12	15	10
Total Yields	269	277	293	314	409	400	423

Northeast
Throughput Volumes:

Feedstocks:

Heavy Sour Crude	3	1	15	3	34	12	4
Medium/Light Sour Crude	138	128	136	175	228	214	213
Acidic Sweet Crude	86	78	63	75	52	64	59
Sweet Crude	109	143	136	152	161	177	153
Residuals	1	1	3	2	24	42	39
Other Feedstocks	3	4	5	8	19	16	23
Total Feedstocks	340	355	358	415	518	525	491
Blendstocks and Other	15	20	22	33	45	45	49
Total Throughput Volumes	355	375	380	448	563	570	540

Yields:

Gasolines & Blendstocks	147	157	153	186	245	253	225
Distillates	134	149	146	166	209	210	202
Petrochemicals	3	3	4	4	5	7	6
Asphalts	12	9	9	9	8	7	8
#6 Fuel Oil	22	23	32	31	30	38	43
Vacuum Gas Oil	10	7	5	16	15	4	9
Petroleum Coke	6	5	6	6	10	11	10
Other Products	19	19	22	22	29	28	25
Total Yields	353	372	377	440	551	558	528

Total Refining (Excluding Lima) (1)
Throughput Volumes:

Feedstocks:

Heavy Sour Crude	125	208	485	548	697	638	592
Medium/Light Sour Crude	560	588	575	610	618	635	673
Acidic Sweet Crude	108	97	92	103	65	80	79
Sweet Crude	463	557	531	620	752	724	606
Residuals	69	79	136	181	234	247	228
Other Feedstocks	95	107	128	132	147	173	149
Total Feedstocks	1,420	1,636	1,947	2,194	2,513	2,497	2,327
Blendstocks and Other	175	199	215	241	298	301	316
Total Throughput Volumes	1,595	1,835	2,162	2,435	2,811	2,798	2,643

Yields:

Gasolines & Blendstocks	862	975	1,034	1,144	1,348	1,285	1,187
Distillates	444	536	650	745	891	919	915
Petrochemicals	45	61	71	70	80	82	71
Asphalts	56	59	57	52	45	38	39
#6 Fuel Oil	65	69	51	102	97	110	106
Vacuum Gas Oil	30	32	123	154	153	172	146
Petroleum Coke	26	37	80	90	110	108	99
Other Products	75	73	106	79	86	79	73

Valero Energy Corporation

Annual Throughput Volumes and Yields Summary (Thousand barrels per day)

Total Yields	1,603	1,842	2,172	2,436	2,810	2,793	2,636
Mid-Continent (Including Lima) (1)							
Throughput Volumes:							
Feedstocks:							
Heavy Sour Crude	-	-	-	-	-	-	-
Medium/Light Sour Crude	51	51	53	42	35	47	54
Acidic Sweet Crude	1	-	1	-	-	5	2
Sweet Crude	197	206	212	295	479	382	334
Residuals	-	-	-	-	-	1	1
Other Feedstocks	7	2	4	3	5	5	2
Total Feedstocks	256	259	270	340	519	440	393
Blendstocks and Other	9	17	21	25	40	39	30
Total Throughput Volumes	265	276	291	365	559	479	423
Yields:							
Gasolines & Blendstocks	159	162	167	201	296	235	209
Distillates	72	76	86	119	194	181	168
Petrochemicals	8	8	9	12	21	16	12
Asphalts	20	21	19	16	16	8	13
#6 Fuel Oil	3	3	3	6	10	15	9
Vacuum Gas Oil	-	1	3	4	4	4	2
Petroleum Coke	-	-	-	1	3	2	-
Other Products	7	6	6	9	16	16	10
Total Yields	269	277	293	368	560	477	423

Total Refining (Including Lima) (1)

Throughput Volumes:							
Feedstocks:							
Heavy Sour Crude	125	208	485	548	697	638	592
Medium/Light Sour Crude	560	588	575	610	618	644	673
Acidic Sweet Crude	108	97	92	103	65	85	79
Sweet Crude	463	557	531	670	887	782	606
Residuals	69	79	136	181	234	247	228
Other Feedstocks	95	108	129	132	149	174	149
Total Feedstocks	1,420	1,637	1,948	2,244	2,650	2,570	2,327
Blendstocks and Other	175	198	214	244	310	305	316
Total Throughput Volumes	1,595	1,835	2,162	2,488	2,960	2,875	2,643
Yields:							
Gasolines & Blendstocks	862	975	1,034	1,174	1,432	1,328	1,187
Distillates	444	536	650	763	938	944	915
Petrochemicals	45	61	71	72	88	86	71
Asphalts	56	59	57	52	46	38	39
#6 Fuel Oil	65	69	51	103	100	111	106
Vacuum Gas Oil	30	32	123	154	154	173	146
Petroleum Coke	26	37	80	91	113	110	99
Other Products	75	73	106	81	90	80	73
Total Yields	1,603	1,842	2,172	2,490	2,961	2,870	2,636

(1) The Lima Refinery was acquired effective September 1, 2005 as part of the acquisition of Premcor Inc. and was sold effective July 1, 2007. As a result, the Mid-Continent and Total Refining throughput volumes and yields including the Lima Refinery are the same as those excluding the Lima Refinery prior to September 1, 2005 and subsequent to June 30, 2007.