



Valero Energy Corporation

Operating Highlights and Throughput Volumes & Yields

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www.valero.com

Valero Energy Corporation
Quarterly Operating Highlights
from Continuing Operations
(unaudited)

	2002				2003				2004				2005				2006			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Gulf Coast (3)																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	1,512	1,589	1,530	1,498
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	\$ 11.40	\$ 15.92	\$ 13.92	\$ 11.53
Operating costs per barrel:																				
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	3.18	3.28	3.27	3.33
Depreciation and amortization expense	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	0.85	0.78	0.86	0.85
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	4.03	4.06	4.13	4.18
Operating income (loss) 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	\$ 7.37	\$ 11.86	\$ 9.79	\$ 7.35
West Coast																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Throughput volumes (thousand barrels per day)	293	301	303	301	313	322	318	314	256	299	298	258	299	315	314	318	299	304	313	306
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	\$ 12.61	\$ 20.29	\$ 13.78	\$ 13.61
Operating costs per barrel:																				
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	4.29	4.20	3.49	4.21
Depreciation and amortization expense	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	1.31	1.24	1.23	1.30
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	5.60	5.44	4.72	5.51
Operating income (loss) 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	\$ 7.01	\$ 14.85	\$ 9.06	\$ 8.10
Mid-Continent																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Throughput volumes (thousand barrels per day)	244	269	272	274	256	274	292	280	289	296	291	287	291	263	302	387	352	430	426	429
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	\$ 6.81	\$ 15.70	\$ 13.52	\$ 8.42
Operating costs per barrel:																				
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	3.87	2.97	3.28	3.43
Depreciation and amortization expense	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	0.84	1.06	0.97	1.08
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	4.71	4.03	4.25	4.51
Operating income (loss) 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	\$ 2.10	\$ 11.67	\$ 9.27	\$ 3.91
North Atlantic (4)																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Throughput volumes (thousand barrels per day)	181	171	184	199	197	200	190	198	208	203	197	205	213	209	201	214	210	154	212	208
Throughput margin per barrel	\$ 1.35	\$ 3.07	\$ 2.93	\$ 4.26	\$ 6.97	\$ 6.16	\$ 5.81	\$ 5.11	\$ 7.11	\$ 7.00	\$ 5.79	\$ 7.43	\$ 5.57	\$ 6.11	\$ 9.93	\$ 10.48	\$ 6.14	\$ 7.90	\$ 9.74	\$ 6.10
Operating costs per barrel:																				
Operating expenses	0.81	0.81	0.87	0.69	0.87	0.85	1.05	1.10	1.12	1.10	1.16	1.54	1.42	1.49	1.72	1.86	1.98	2.51	1.97	2.38
Depreciation and amortization expense	0.37	0.40	0.42	0.37	0.39	0.42	0.37	0.47	0.43	0.51	0.47	0.56	0.63	0.64	0.74	0.70	0.87	1.25	1.10	1.19
Total operating costs per barrel	1.18	1.21	1.29	1.06	1.26	1.27	1.42	1.57	1.55	1.61	1.63	2.10	2.05	2.13	2.46	2.56	2.85	3.76	3.07	3.57
Operating income (loss) per barrel	\$ 0.17	\$ 1.86	\$ 1.64	\$ 3.20	\$ 5.71	\$ 4.89	\$ 4.39	\$ 3.54	\$ 5.56	\$ 5.39	\$ 4.16	\$ 5.33	\$ 3.52	\$ 3.98	\$ 7.47	\$ 7.92	\$ 3.29	\$ 4.14	\$ 6.67	\$ 2.53
Total Refining (5)																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Throughput volumes (thousand barrels per day)	1,348	1,384	1,436	1,524	1,531	1,582	1,733	1,774	1,760	2,073	2,059	2,047	2,056	2,072	2,146	2,506	2,373	2,477	2,481	2,441
Throughput margin per barrel	\$ 3.49	\$ 4.17	\$ 4.26	\$ 4.89	\$ 6.01	\$ 4.91	\$ 5.44	\$ 4.87	\$ 6.51	\$ 8.82	\$ 7.06	\$ 7.91	\$ 8.55	\$ 10.41	\$ 13.57	\$ 12.47	\$ 10.41	\$ 15.92	\$ 13.47	\$ 10.78
Operating costs per barrel:																				
Operating expenses	2.22	2.28	2.24	2.24	2.51	2.33	2.46	2.49	2.78	2.52	2.50	2.76	2.79	2.72	3.35	3.19	3.31	3.29	3.19	3.37
Depreciation and amortization expense	0.69	0.67	0.71	0.66	0.66	0.63	0.60	0.61	0.67	0.65	0.68	0.60	0.75	0.78	0.86	0.82	0.92	0.91	0.95	0.98
Total operating costs per barrel	2.91	2.95	2.95	2.90	3.17	2.96	3.06	3.10	3.45	3.17	3.18	3.36	3.54	3.50	4.21	4.01	4.23	4.20	4.14	4.35
Operating income (loss) per barrel	\$ 0.58	\$ 1.22	\$ 1.31	\$ 1.99	\$ 2.84	\$ 1.95	\$ 2.38	\$ 1.77	\$ 3.06	\$ 5.65	\$ 3.88	\$ 4.55	\$ 5.01	\$ 6.91	\$ 9.36	\$ 8.46	\$ 6.18	\$ 11.72	\$ 9.33	\$ 6.43

Valero Energy Corporation
Quarterly Operating Highlights
from Continuing Operations
(unaudited)

	2002				2003				2004				2005				2006			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Retail - U.S. (6)																				
Operating income	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	996	988	976	968
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	4,882	4,916	5,012	5,133
Fuel margin (cents per gallon)	\$ 0.044	\$ 0.125	\$ 0.112	\$ 0.124	\$ 0.106	\$ 0.165	\$ 0.144	\$ 0.115	\$ 0.079	\$ 0.142	\$ 0.109	\$ 0.164	\$ 0.048	\$ 0.138	\$ 0.095	\$ 0.240	\$ 0.072	\$ 0.111	\$ 0.235	\$ 0.104
Merchandise sales (millions of dollars)	\$ 248	\$ 276	\$ 263	\$ 225	\$ 215	\$ 247	\$ 251	\$ 225	\$ 217	\$ 241	\$ 248	\$ 220	\$ 214	\$ 246	\$ 250	\$ 224	\$ 219	\$ 251	\$ 255	\$ 235
Merchandise margin (percent of sales)	25.7%	27.1%	27.2%	28.6%	27.8%	27.0%	26.5%	27.9%	27.8%	27.3%	26.7%	27.5%	28.0%	28.5%	28.7%	28.0%	28.9%	29.6%	27.9%	28.5%
Margin on miscellaneous sales (millions of dollars)	\$ 14	\$ 14	\$ 13	\$ 15	\$ 16	\$ 18	\$ 16	\$ 17	\$ 17	\$ 17	\$ 16	\$ 16	\$ 17	\$ 16	\$ 16	\$ 19	\$ 20	\$ 22	\$ 21	\$ 22
Operating expenses (millions of dollars)	\$ 114	\$ 120	\$ 120	\$ 108	\$ 111	\$ 110	\$ 113	\$ 111	\$ 100	\$ 107	\$ 104	\$ 106	\$ 98	\$ 103	\$ 110	\$ 116	\$ 102	\$ 105	\$ 104	\$ 111
Depreciation and amortization expense (millions of dollars)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Retail - Canada (6)																				
Operating income	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	3,284	3,114	3,136	3,172
Fuel margin (cents per gallon)	\$ 0.185	\$ 0.173	\$ 0.160	\$ 0.182	\$ 0.233	\$ 0.207	\$ 0.168	\$ 0.202	\$ 0.227	\$ 0.195	\$ 0.182	\$ 0.210	\$ 0.220	\$ 0.188	\$ 0.195	\$ 0.201	\$ 0.215	\$ 0.224	\$ 0.196	\$ 0.188
Merchandise sales (millions of dollars)	\$ 21	\$ 25	\$ 28	\$ 26	\$ 24	\$ 31	\$ 34	\$ 33	\$ 31	\$ 34	\$ 38	\$ 37	\$ 33	\$ 37	\$ 42	\$ 38	\$ 36	\$ 43	\$ 46	\$ 42
Merchandise margin (percent of sales)	21.8%	22.1%	22.2%	21.7%	20.9%	22.3%	23.1%	22.9%	23.0%	24.3%	23.3%	22.6%	25.0%	25.2%	24.4%	25.2%	27.2%	27.3%	26.2%	26.1%
Margin on miscellaneous sales (millions of dollars)	\$ 4	\$ 4	\$ 4	\$ 4	\$ 5	\$ 6	\$ 5	\$ 4	\$ 5	\$ 5	\$ 7	\$ 7	\$ 8	\$ 7	\$ 8	\$ 7	\$ 8	\$ 7	\$ 9	\$ 8
Operating expenses (millions of dollars)	\$ 38	\$ 39	\$ 37	\$ 41	\$ 43	\$ 45	\$ 44	\$ 47	\$ 45	\$ 45	\$ 47	\$ 54	\$ 50	\$ 48	\$ 52	\$ 56	\$ 53	\$ 55	\$ 55	\$ 55
Depreciation and amortization expense (millions of dollars)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethanol (7) (8)																				
Operating income																				
Production (thousand gallons per day)																				
Gross margin per gallon of production																				
Operating costs per gallon of production:																				
Operating expenses																				
Depreciation and amortization expense																				
Total operating costs per gallon																				
Operating income per gallon of production																				

- (1) Refining operating expenses per barrel in these periods exclude expenses related to the permanent cancellation of certain capital projects in progress resulting from the unfavorable impact of the economic slowdown on refining industry fundamentals. These expenses are referred to as asset impairment losses and are separately presented in our consolidated financial statements.
- (2) Cost of sales for the three months ended March 31, 2011 includes a loss of \$542 million (\$352 million after taxes) on derivative contracts related to forward sales of refined products. These contracts were closed and realized during the first quarter of 2011. The \$542 million loss is reflected in refining segment operating income, resulting in a \$2.86 reduction in refining throughput margin per barrel for the three months ended March 31, 2011, and is allocated to refining operating income (loss) by region, excluding North Atlantic, based on relative throughput volumes for each region as follows: Gulf Coast- \$372 million, or \$3.18 per barrel; Mid-Continent- \$122 million, or \$3.36 per barrel; and West Coast- \$48 million, or \$2.71 per barrel.
- (3) The operating highlights for the Gulf Coast region and Total Refining reflect the results of operations of the Meraux Refinery, including related logistics assets, from the date of its acquisition (October 1, 2011).
- (4) The operating highlights for the North Atlantic region (formerly known as Northeast) have been restated to exclude the results of operations of the Delaware City and Paulsboro refineries, which were sold in June 2010 and December 2010, respectively, for all periods presented. Therefore, these operating highlights reflect the results of operations of (i) the Quebec City refinery and its related marketing operations for all periods presented, (ii) the results of operations of the Pembroke refinery and its related marketing operations from the date of its acquisition (August 1, 2011), and (iii) certain results of operations of U.S. marketing operations previously allocated to the Delaware City and Paulsboro refineries for each of the periods from 2006 through 2010.
- (5) The operating highlights for Total Refining for all periods presented have been restated to exclude the results of operations of the Delaware City and the Paulsboro refineries. See Note 4.
- (6) Credit card transaction processing fees incurred by Valero's Retail business segment for 2002 through the third quarter of 2010 have been reclassified from Retail operating expenses to cost of goods sold to conform to year-end 2010 presentation. Fuel margin (cents per gallon) and Merchandise margin (percent of sales) for 2002 through the third quarter of 2010 have also been restated based on this reclassification.
- (7) During the second quarter of 2009, we acquired certain ethanol plants from VeraSun Energy Corporation.
- (8) During the first quarter of 2010, we acquired two ethanol plants from ASA Ethanol Holdings LLC and one ethanol plant from Renew Energy LLC.

Valero Energy Corporation
Quarterly Operating Highlights
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	2007				2008				2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3 (1)	Q4 (1)	Q1 (1)	Q2 (1)	Q3 (1)	Q4 (1)	Q1 (1)	Q2 (1)	Q3	Q4	Q1 (2)	Q2	Q3	Q4
Gulf Coast (3)																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ (11)	\$ 650	\$ 388	\$ 322	\$ 111	\$ 786	\$ 1,167	\$ (231)
Throughput volumes (thousand barrels per day)	1,525	1,543	1,527	1,550	1,380	1,495	1,324	1,420	1,315	1,395	1,238	1,149	1,137	1,329	1,336	1,313	1,299	1,432	1,522	1,546
Throughput margin per barrel	\$ 12.35	\$ 18.52	\$ 10.49	\$ 9.91	\$ 9.51	\$ 13.25	\$ 13.21	\$ 10.26	\$ 7.13	\$ 3.94	\$ 4.66	\$ 4.83	\$ 6.08	\$ 10.28	\$ 8.34	\$ 7.78	\$ 6.45	\$ 11.30	\$ 13.08	\$ 3.57
Operating costs per barrel:																				
Operating expenses	3.45	3.65	3.98	3.72	4.72	4.34	4.83	4.15	4.02	3.17	3.81	3.93	4.44	3.34	3.65	3.50	3.86	3.74	3.31	3.77
Depreciation and amortization expense	1.01	1.09	1.08	1.12	1.31	1.24	1.37	1.29	1.51	1.41	1.57	1.69	1.74	1.57	1.54	1.61	1.64	1.54	1.43	1.42
Total operating costs per barrel	4.46	4.74	5.06	4.84	6.03	5.58	6.20	5.44	5.53	4.58	5.38	5.62	6.18	4.91	5.19	5.11	5.50	5.28	4.74	5.19
Operating income (loss) per barrel	\$ 7.89	\$ 13.78	\$ 5.43	\$ 5.07	\$ 3.48	\$ 7.67	\$ 7.01	\$ 4.82	\$ 1.60	\$ (0.64)	\$ (0.72)	\$ (0.79)	\$ (0.10)	\$ 5.37	\$ 3.15	\$ 2.67	\$ 0.95	\$ 6.02	\$ 8.34	\$ (1.62)
West Coast																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ (31)	\$ 98	\$ 35	\$ (14)	\$ (58)	\$ 91	\$ 129	\$ (63)
Throughput volumes (thousand barrels per day)	295	301	306	256	261	285	285	272	276	284	282	226	262	262	252	247	195	279	284	265
Throughput margin per barrel	\$ 17.56	\$ 20.35	\$ 9.82	\$ 9.45	\$ 7.89	\$ 11.92	\$ 11.60	\$ 11.75	\$ 14.40	\$ 9.03	\$ 8.51	\$ 3.90	\$ 5.20	\$ 10.55	\$ 8.66	\$ 6.42	\$ 5.62	\$ 10.65	\$ 11.96	\$ 5.01
Operating costs per barrel:																				
Operating expenses	4.38	4.81	4.24	6.00	5.56	5.41	5.53	4.95	5.10	4.37	4.35	5.70	4.97	4.87	5.42	5.10	6.15	4.84	4.94	5.37
Depreciation and amortization expense	1.41	1.42	1.45	1.72	1.87	1.73	1.70	1.78	1.83	1.61	1.58	1.96	1.54	1.57	1.74	1.95	2.81	2.21	2.08	2.21
Total operating costs per barrel	5.79	6.23	5.69	7.72	7.43	7.14	7.23	6.73	6.93	5.98	5.93	7.66	6.51	6.44	7.16	7.05	8.96	7.05	7.02	7.58
Operating income (loss) per barrel	\$ 11.77	\$ 14.12	\$ 4.13	\$ 1.73	\$ 0.46	\$ 4.78	\$ 4.37	\$ 5.02	\$ 7.47	\$ 3.05	\$ 2.58	\$ (3.76)	\$ (1.31)	\$ 4.11	\$ 1.50	\$ (0.63)	\$ (3.34)	\$ 3.60	\$ 4.94	\$ (2.57)
Mid-Continent																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ (11)	\$ 151	\$ 131	\$ 68	\$ 167	\$ 393	\$ 586	\$ 267
Throughput volumes (thousand barrels per day)	353	373	445	436	412	439	426	416	400	370	374	405	363	390	422	418	403	398	400	439
Throughput margin per barrel	\$ 9.31	\$ 19.96	\$ 10.35	\$ 7.84	\$ 8.74	\$ 7.85	\$ 13.23	\$ 7.24	\$ 9.98	\$ 6.03	\$ 5.38	\$ 4.69	\$ 5.34	\$ 9.13	\$ 8.06	\$ 6.62	\$ 9.68	\$ 16.50	\$ 22.27	\$ 12.17
Operating costs per barrel:																				
Operating expenses	4.73	4.42	3.52	4.02	4.34	3.99	4.41	4.21	3.72	3.75	3.69	3.48	4.07	3.54	3.34	3.54	3.65	4.01	4.76	4.16
Depreciation and amortization expense	1.68	1.34	1.15	1.26	1.33	1.27	1.28	1.28	1.47	1.72	1.53	1.41	1.60	1.36	1.33	1.32	1.44	1.65	1.59	1.42
Total operating costs per barrel	6.41	5.76	4.67	5.28	5.67	5.26	5.69	5.49	5.19	5.47	5.22	4.89	5.67	4.90	4.67	4.86	5.09	5.66	6.35	5.58
Operating income (loss) per barrel	\$ 2.90	\$ 14.20	\$ 5.68	\$ 2.56	\$ 3.07	\$ 2.59	\$ 7.54	\$ 1.75	\$ 4.79	\$ 0.56	\$ 0.16	\$ (0.20)	\$ (0.33)	\$ 4.23	\$ 3.39	\$ 1.76	\$ 4.59	\$ 10.84	\$ 15.92	\$ 6.59
North Atlantic (4)																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 38	\$ 7	\$ 36	\$ 48	\$ 56	\$ (17)	\$ 65	\$ 67
Throughput volumes (thousand barrels per day)	213	210	206	212	208	194	206	217	201	192	185	205	178	199	193	212	209	207	386	463
Throughput margin per barrel	\$ 9.11	\$ 12.10	\$ 9.96	\$ 11.77	\$ 5.09	\$ 7.55	\$ 16.78	\$ 20.68	\$ 9.67	\$ 4.49	\$ 4.15	\$ 6.91	\$ 7.77	\$ 4.40	\$ 6.04	\$ 6.65	\$ 7.02	\$ 3.36	\$ 5.46	\$ 5.63
Operating costs per barrel:																				
Operating expenses	2.00	2.32	2.57	2.93	3.37	3.12	2.70	2.47	2.05	2.10	2.49	2.58	3.73	2.55	2.75	3.02	2.81	3.04	2.91	3.36
Depreciation and amortization expense	1.13	1.21	1.28	1.33	1.44	1.53	1.47	1.22	1.27	1.40	1.59	1.08	1.66	1.47	1.30	1.17	1.20	1.22	0.74	0.68
Total operating costs per barrel	3.13	3.53	3.85	4.26	4.81	4.65	4.17	3.69	3.32	3.50	4.08	3.66	5.39	4.02	4.05	4.19	4.01	4.26	3.65	4.04
Operating income (loss) per barrel	\$ 5.98	\$ 8.57	\$ 6.11	\$ 7.51	\$ 0.28	\$ 2.90	\$ 12.61	\$ 16.99	\$ 6.35	\$ 0.99	\$ 0.07	\$ 3.25	\$ 2.38	\$ 0.38	\$ 1.99	\$ 2.46	\$ 3.01	\$ (0.90)	\$ 1.81	\$ 1.59
Total Refining (5)																				
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ (15)	\$ 904	\$ 590	\$ 424	\$ 276	\$ 1,253	\$ 1,947	\$ 40
Throughput volumes (thousand barrels per day)	2,386	2,427	2,484	2,454	2,261	2,413	2,241	2,325	2,192	2,241	2,079	1,985	1,940	2,180	2,203	2,190	2,106	2,316	2,592	2,713
Throughput margin per barrel	\$ 12.25	\$ 18.41	\$ 10.34	\$ 9.66	\$ 8.78	\$ 11.65	\$ 13.34	\$ 10.87	\$ 8.80	\$ 4.98	\$ 5.27	\$ 4.91	\$ 5.98	\$ 9.57	\$ 8.13	\$ 7.30	\$ 7.05	\$ 11.41	\$ 13.24	\$ 5.46
Operating costs per barrel:																				
Operating expenses	3.62	3.80	3.81	3.94	4.62	4.30	4.64	4.10	3.92	3.32	3.74	3.90	4.38	3.49	3.71	3.64	3.93	3.86	3.65	3.92
Depreciation and amortization expense	1.17	1.17	1.16	1.23	1.40	1.33	1.41	1.34	1.52	1.49	1.57	1.60	1.68	1.52	1.50	1.55	1.66	1.61	1.43	1.37
Total operating costs per barrel	4.79	4.97	4.97	5.17	6.02	5.63	6.05	5.44	5.44	4.81	5.31	5.50	6.06	5.01	5.21	5.19	5.59	5.47	5.08	5.29
Operating income (loss) per barrel	\$ 7.46	\$ 13.44	\$ 5.37	\$ 4.49	\$ 2.76	\$ 6.02	\$ 7.29	\$ 5.43	\$ 3.36	\$ 0.17	\$ (0.04)	\$ (0.59)	\$ (0.08)	\$ 4.56	\$ 2.92	\$ 2.11	\$ 1.46	\$ 5.94	\$ 8.16	\$ 0.17

Valero Energy Corporation
Quarterly Operating Highlights
from Continuing Operations
(unaudited)

	2007				2008				2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3 (1)	Q4 (1)	Q1 (1)	Q2 (1)	Q3 (1)	Q4 (1)	Q1 (1)	Q2 (1)	Q3	Q4	Q1 (2)	Q2	Q3	Q4
Retail - U.S. (6)																				
Operating income	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 33	\$ 76	\$ 72	\$ 19	\$ 19	\$ 87	\$ 59	\$ 48
Company - operated fuel sites (average)	963	958	956	951	950	949	984	1,010	1,004	1,001	998	994	989	990	990	992	993	995	994	995
Fuel volumes (gallons per day per site)	4,982	5,006	5,068	4,861	4,942	5,104	4,946	5,009	4,984	5,119	4,963	4,866	4,942	5,196	5,204	5,000	4,895	5,094	5,168	5,077
Fuel margin (cents per gallon)	\$ 0.097	\$ 0.174	\$ 0.169	\$ 0.142	\$ 0.081	\$ 0.089	\$ 0.232	\$ 0.361	\$ 0.093	\$ 0.098	\$ 0.200	\$ 0.112	\$ 0.108	\$ 0.186	\$ 0.176	\$ 0.086	\$ 0.076	\$ 0.204	\$ 0.155	\$ 0.139
Merchandise sales (millions of dollars)	\$ 233	\$ 269	\$ 272	\$ 250	\$ 245	\$ 282	\$ 292	\$ 278	\$ 266	\$ 307	\$ 315	\$ 283	\$ 272	\$ 316	\$ 322	\$ 295	\$ 283	\$ 323	\$ 324	\$ 293
Merchandise margin (percent of sales)	29.2%	29.0%	28.9%	28.6%	29.7%	29.1%	29.0%	29.0%	29.8%	27.9%	28.0%	27.0%	28.2%	28.1%	28.8%	28.2%	28.3%	28.4%	29.2%	29.0%
Margin on miscellaneous sales (millions of dollars)	\$ 25	\$ 24	\$ 26	\$ 26	\$ 28	\$ 22	\$ 24	\$ 25	\$ 23	\$ 21	\$ 22	\$ 21	\$ 22	\$ 22	\$ 21	\$ 21	\$ 22	\$ 22	\$ 22	\$ 22
Operating expenses (millions of dollars)	\$ 102	\$ 123	\$ 110	\$ 102	\$ 104	\$ 102	\$ 113	\$ 115	\$ 102	\$ 100	\$ 104	\$ 99	\$ 94	\$ 104	\$ 108	\$ 106	\$ 98	\$ 103	\$ 111	\$ 104
Depreciation and amortization expense (millions of dollars)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 18	\$ 18	\$ 18	\$ 19	\$ 19	\$ 18	\$ 19	\$ 21
Retail - Canada (6)																				
Operating income	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 38	\$ 33	\$ 33	\$ 42	\$ 47	\$ 48	\$ 38	\$ 35
Fuel volumes (thousand gallons per day)	3,370	3,144	3,180	3,243	3,278	3,103	3,126	3,262	3,260	3,093	3,115	3,169	3,078	3,098	3,214	3,277	3,234	3,182	3,214	3,152
Fuel margin (cents per gallon)	\$ 0.234	\$ 0.208	\$ 0.224	\$ 0.273	\$ 0.287	\$ 0.252	\$ 0.241	\$ 0.226	\$ 0.240	\$ 0.240	\$ 0.248	\$ 0.261	\$ 0.284	\$ 0.260	\$ 0.247	\$ 0.291	\$ 0.317	\$ 0.319	\$ 0.273	\$ 0.287
Merchandise sales (millions of dollars)	\$ 37	\$ 47	\$ 53	\$ 50	\$ 46	\$ 54	\$ 56	\$ 44	\$ 39	\$ 49	\$ 58	\$ 55	\$ 52	\$ 61	\$ 66	\$ 61	\$ 57	\$ 68	\$ 72	\$ 64
Merchandise margin (percent of sales)	28.6%	27.6%	26.3%	26.4%	27.7%	27.9%	27.8%	27.4%	29.1%	28.4%	27.8%	28.0%	30.8%	29.9%	30.4%	29.4%	29.7%	29.8%	29.4%	28.6%
Margin on miscellaneous sales (millions of dollars)	\$ 9	\$ 9	\$ 9	\$ 10	\$ 9	\$ 10	\$ 10	\$ 7	\$ 8	\$ 7	\$ 10	\$ 8	\$ 10	\$ 9	\$ 10	\$ 9	\$ 11	\$ 11	\$ 11	\$ 10
Operating expenses (millions of dollars)	\$ 54	\$ 57	\$ 61	\$ 67	\$ 64	\$ 63	\$ 61	\$ 54	\$ 51	\$ 53	\$ 57	\$ 60	\$ 58	\$ 59	\$ 61	\$ 64	\$ 64	\$ 66	\$ 66	\$ 66
Depreciation and amortization expense (millions of dollars)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ 8	\$ 9	\$ 9	\$ 9	\$ 9	\$ 9	\$ 10	\$ 10
Ethanol (7) (8)																				
Operating income									N/A	N/A	N/A	N/A	\$ 57	\$ 35	\$ 47	\$ 70	\$ 44	\$ 64	\$ 107	\$ 181
Production (thousand gallons per day)									1,547	2,116	2,222	2,222	2,534	3,190	3,100	3,250	3,282	3,397	3,272	3,455
Gross margin per gallon of production									\$ 0.49	\$ 0.59	\$ 0.81	\$ 0.81	\$ 0.63	\$ 0.47	\$ 0.54	\$ 0.59	\$ 0.50	\$ 0.57	\$ 0.73	\$ 0.91
Operating costs per gallon of production:																				
Operating expenses									0.30	0.31	0.32	0.32	0.35	0.31	0.34	0.32	0.32	0.33	0.34	0.31
Depreciation and amortization expense									0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03
Total operating costs per gallon									0.33	0.34	0.35	0.35	0.38	0.34	0.37	0.35	0.35	0.36	0.38	0.34
Operating income per gallon of production									\$ 0.16	\$ 0.25	\$ 0.46	\$ 0.46	\$ 0.25	\$ 0.13	\$ 0.17	\$ 0.24	\$ 0.15	\$ 0.21	\$ 0.35	\$ 0.57

- (1) Refining operating expenses per barrel in these periods exclude refining industry fundamentals. These expenses are referred to as "refining operating expenses" in the accompanying financial statements.
- (2) Cost of sales for the three months ended March 31, 2011 includes \$542 million realized during the first quarter of 2011. The \$542 million is allocated to refining operating income (loss) by region as follows: Gulf Coast - \$336 million, or \$2.71 per barrel; and West Coast - \$48 million, or \$2.71 per barrel.
- (3) The operating highlights for the Gulf Coast region and Total Refining are presented on a full-time equivalent basis.
- (4) The operating highlights for the North Atlantic region (formerly the Delaware City and Paulsboro refineries) and Total Refining are presented on a full-time equivalent basis for all periods presented.
- (5) The operating highlights for Total Refining for all periods presented are on a full-time equivalent basis.
- (6) Credit card transaction processing fees incurred by Valero's Fuel Retail segment are included in operating expenses for all periods presented. Fuel margin (cents per gallon) and merchandise margin (percent of sales) are presented on a full-time equivalent basis.
- (7) During the second quarter of 2009, we acquired certain ethanol production capacity from a third party.
- (8) During the first quarter of 2010, we acquired two ethanol plants from a third party.

Valero Energy Corporation
Annual Operating Highlights
from Continuing Operations

(unaudited)

	Year Ended									
	2002	2003	2004	2005	2006	2007	2008 (1)	2009 (1)	2010 (1)	2011
Gulf Coast (2)										
Operating income (loss)	N/A	N/A	N/A	N/A	N/A	\$ 4,505	\$ 3,267	\$ (56)	\$ 1,349	\$ 1,833
Throughput volumes (thousand barrels per day)	675	867	1,213	1,364	1,532	1,537	1,404	1,274	1,280	1,450
Throughput margin per barrel	\$ 4.13	\$ 4.62	\$ 7.69	\$ 11.73	\$ 13.23	\$ 12.81	\$ 11.57	\$ 5.13	\$ 8.20	\$ 8.63
Operating costs per barrel:										
Operating expenses	2.43	2.60	2.60	3.03	3.26	3.70	4.50	3.71	3.71	3.66
Depreciation and amortization expense	0.76	0.62	0.59	0.74	0.84	1.08	1.30	1.54	1.60	1.50
Total operating costs per barrel	<u>3.19</u>	<u>3.22</u>	<u>3.19</u>	<u>3.77</u>	<u>4.10</u>	<u>4.78</u>	<u>5.80</u>	<u>5.25</u>	<u>5.31</u>	<u>5.16</u>
Operating income (loss) per barrel	<u>\$ 0.94</u>	<u>\$ 1.40</u>	<u>\$ 4.50</u>	<u>\$ 7.96</u>	<u>\$ 9.13</u>	<u>\$ 8.03</u>	<u>\$ 5.77</u>	<u>\$ (0.12)</u>	<u>\$ 2.89</u>	<u>\$ 3.47</u>
West Coast										
Operating income	N/A	N/A	N/A	N/A	N/A	\$ 856	\$ 375	\$ 252	\$ 88	\$ 99
Throughput volumes (thousand barrels per day)	300	317	278	312	306	289	276	267	256	256
Throughput margin per barrel	\$ 4.92	\$ 6.86	\$ 10.02	\$ 13.42	\$ 15.07	\$ 14.41	\$ 10.84	\$ 9.16	\$ 7.73	\$ 8.60
Operating costs per barrel:										
Operating expenses	2.88	3.08	3.78	3.59	4.04	4.82	5.36	4.83	5.09	5.25
Depreciation and amortization expense	0.77	0.83	1.05	1.23	1.27	1.49	1.77	1.74	1.69	2.29
Total operating costs per barrel	<u>3.65</u>	<u>3.91</u>	<u>4.83</u>	<u>4.82</u>	<u>5.31</u>	<u>6.31</u>	<u>7.13</u>	<u>6.57</u>	<u>6.78</u>	<u>7.54</u>
Operating income per barrel	<u>\$ 1.27</u>	<u>\$ 2.95</u>	<u>\$ 5.19</u>	<u>\$ 8.60</u>	<u>\$ 9.76</u>	<u>\$ 8.10</u>	<u>\$ 3.71</u>	<u>\$ 2.59</u>	<u>\$ 0.95</u>	<u>\$ 1.06</u>
Mid-Continent										
Operating income	N/A	N/A	N/A	N/A	N/A	\$ 910	\$ 580	\$ 189	\$ 339	\$ 1,413
Throughput volumes (thousand barrels per day)	265	276	291	311	410	402	423	387	398	411
Throughput margin per barrel	\$ 4.30	\$ 4.70	\$ 5.50	\$ 10.01	\$ 11.32	\$ 11.66	\$ 9.27	\$ 6.52	\$ 7.33	\$ 15.10
Operating costs per barrel:										
Operating expenses	2.10	2.33	2.71	3.42	3.36	4.13	4.24	3.66	3.60	4.15
Depreciation and amortization expense	0.55	0.51	0.60	0.74	1.00	1.33	1.29	1.53	1.40	1.52
Total operating costs per barrel	<u>2.65</u>	<u>2.84</u>	<u>3.31</u>	<u>4.16</u>	<u>4.36</u>	<u>5.46</u>	<u>5.53</u>	<u>5.19</u>	<u>5.00</u>	<u>5.67</u>
Operating income per barrel	<u>\$ 1.65</u>	<u>\$ 1.86</u>	<u>\$ 2.19</u>	<u>\$ 5.85</u>	<u>\$ 6.96</u>	<u>\$ 6.20</u>	<u>\$ 3.74</u>	<u>\$ 1.33</u>	<u>\$ 2.33</u>	<u>\$ 9.43</u>
North Atlantic (3)										
Operating income	N/A	N/A	N/A	N/A	N/A	\$ 541	\$ 636	\$ 196	\$ 129	\$ 171
Throughput volumes (thousand barrels per day)	184	196	203	209	195	210	207	196	195	317
Throughput margin per barrel	\$ 2.95	\$ 6.01	\$ 6.84	\$ 8.03	\$ 7.46	\$ 10.74	\$ 12.73	\$ 6.36	\$ 6.18	\$ 5.43
Operating costs per barrel:										
Operating expenses	0.79	0.97	1.23	1.62	2.19	2.46	2.90	2.31	2.99	3.08
Depreciation and amortization expense	0.39	0.41	0.50	0.68	1.09	1.23	1.41	1.33	1.39	0.87
Total operating costs per barrel	<u>1.18</u>	<u>1.38</u>	<u>1.73</u>	<u>2.30</u>	<u>3.28</u>	<u>3.69</u>	<u>4.31</u>	<u>3.64</u>	<u>4.38</u>	<u>3.95</u>
Operating income per barrel	<u>\$ 1.77</u>	<u>\$ 4.63</u>	<u>\$ 5.11</u>	<u>\$ 5.73</u>	<u>\$ 4.18</u>	<u>\$ 7.05</u>	<u>\$ 8.42</u>	<u>\$ 2.72</u>	<u>\$ 1.80</u>	<u>\$ 1.48</u>
Total Refining (4)										
Operating Income (5)	N/A	N/A	N/A	N/A	N/A	\$ 6,812	\$ 765	\$ 247	\$ 1,903	\$ 3,516
Throughput volumes (thousand barrels per day)	1,424	1,656	1,985	2,196	2,443	2,438	2,310	2,124	2,129	2,434
Throughput margin per barrel	\$ 4.21	\$ 5.29	\$ 7.63	\$ 11.35	\$ 12.68	\$ 12.63	\$ 11.16	\$ 6.00	\$ 7.80	\$ 9.30
Operating costs per barrel:										
Operating expenses	2.25	2.44	2.63	3.03	3.29	3.79	4.41	3.71	3.79	3.83
Depreciation and amortization expense	0.67	0.63	0.65	0.80	0.94	1.19	1.37	1.55	1.56	1.51
Total operating costs per barrel	<u>2.92</u>	<u>3.07</u>	<u>3.28</u>	<u>3.83</u>	<u>4.23</u>	<u>4.98</u>	<u>5.78</u>	<u>5.26</u>	<u>5.35</u>	<u>5.34</u>
Operating income per barrel	<u>\$ 1.29</u>	<u>\$ 2.22</u>	<u>\$ 4.35</u>	<u>\$ 7.52</u>	<u>\$ 8.45</u>	<u>\$ 7.65</u>	<u>\$ 5.38</u>	<u>\$ 0.74</u>	<u>\$ 2.45</u>	<u>\$ 3.96</u>
Retail - U.S. (6)										
Operating income	N/A	N/A	N/A	N/A	N/A	\$ 154	\$ 260	\$ 170	\$ 200	\$ 213
Company - operated fuel sites (average)	1,359	1,201	1,106	1,024	982	957	973	999	990	994
Fuel volumes (gallons per day per site)	4,401	4,512	4,644	4,830	4,985	4,979	5,000	4,983	5,086	5,060
Fuel margin (cents per gallon)	\$ 0.100	\$ 0.134	\$ 0.123	\$ 0.130	\$ 0.131	\$ 0.146	\$ 0.194	\$ 0.126	\$ 0.140	\$ 0.144
Merchandise sales (millions of dollars)	\$ 1,012	\$ 939	\$ 925	\$ 934	\$ 960	\$ 1,024	\$ 1,097	\$ 1,171	\$ 1,205	\$ 1,223
Merchandise margin (percent of sales)	27.1%	27.3%	27.3%	28.4%	28.7%	28.9%	29.2%	28.1%	28.3%	28.7%
Margin on miscellaneous sales (millions of dollars)	\$ 56	\$ 67	\$ 66	\$ 68	\$ 85	\$ 101	\$ 99	\$ 87	\$ 86	\$ 88
Operating expenses (millions of dollars)	\$ 462	\$ 446	\$ 417	\$ 427	\$ 422	\$ 437	\$ 444	\$ 405	\$ 412	\$ 416
Depreciation and amortization expense (millions of dollars)	N/A	N/A	N/A	N/A	N/A	\$ 59	\$ 70	\$ 70	\$ 73	\$ 77

Valero Energy Corporation
Annual Operating Highlights
from Continuing Operations
(unaudited)

	Year Ended									
	2002	2003	2004	2005	2006	2007	2008 (1)	2009 (1)	2010 (1)	2011
Retail - Canada (6)										
Operating income	N/A	N/A	N/A	N/A	N/A	\$ 95	\$ 109	\$ 123	\$ 146	\$ 168
Fuel volumes (thousand gallons per day)	3,235	3,328	3,250	3,204	3,176	3,234	3,193	3,159	3,168	3,195
Fuel margin (cents per gallon)	\$ 0.175	\$ 0.204	\$ 0.204	\$ 0.202	\$ 0.206	\$ 0.235	\$ 0.252	\$ 0.247	\$ 0.271	\$ 0.299
Merchandise sales (millions of dollars)	\$ 99	\$ 122	\$ 140	\$ 150	\$ 167	\$ 187	\$ 200	\$ 201	\$ 240	\$ 261
Merchandise margin (percent of sales)	22.0%	22.4%	23.2%	25.0%	26.7%	27.1%	27.7%	28.3%	30.1%	29.4%
Margin on miscellaneous sales (millions of dollars)	\$ 16	\$ 19	\$ 24	\$ 30	\$ 32	\$ 37	\$ 36	\$ 33	\$ 38	\$ 43
Operating expenses (millions of dollars)	\$ 155	\$ 179	\$ 191	\$ 210	\$ 218	\$ 239	\$ 242	\$ 221	\$ 242	\$ 262
Depreciation and amortization expense (millions of dollars)	N/A	N/A	N/A	N/A	N/A	\$ 31	\$ 35	\$ 31	\$ 35	\$ 38
Ethanol (7) (8)										
Operating income							\$ 165	\$ 209	\$ 396	
Production (thousand gallons per day)							1,479	3,021	3,352	
Gross margin per gallon of production							\$ 0.65	\$ 0.55	\$ 0.68	
Operating costs per gallon of production:										
Operating expenses								0.31	0.33	0.33
Depreciation and amortization expense								0.03	0.03	0.03
Total operating costs per gallon								0.34	0.36	0.36
Operating income per gallon of production							\$ 0.31	\$ 0.19	\$ 0.32	
Crude oil capacity MMbpd (year-end) (4)	1.3	1.5	1.8	2.3	2.3	2.3	2.2	2.2	2.2	2.6
Throughput capacity MMbpd (year-end) (4)	1.7	1.9	2.3	2.9	2.7	2.7	2.6	2.6	2.6	3.0

- (1) Refining operating expenses per barrel in these periods exclude 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. These expenses are referred to as asset impairment losses and are separately presented in our consolidated financial statements.
- (2) The operating highlights for the Gulf Coast region and Total Refining reflect the results of operations of the Meraux Refinery, including related logistics assets, from the date of its acquisition (October 1, 2011).
- (3) The operating highlights for the North Atlantic region (formerly known as Northeast) have been restated to exclude the results of operations of the Delaware City and Paulsboro refineries, which were sold in June 2010 and December 2010, respectively, for all periods presented. Therefore, these operating highlights reflect the results of operations of (i) the Quebec City refinery and its related marketing operations for all periods presented, (ii) results of operations of the Pembroke refinery and its related marketing operations from the date of its acquisition (August 1, 2011), and (iii) certain results of operations of U.S. marketing operations previously allocated to the Delaware City and Paulsboro refineries for each of the periods from 2006 through 2010.
- (4) The operating highlights for Total Refining for all periods presented have been restated to exclude the results of operations of the Delaware City and Paulsboro refineries. See Note 3.
- (5) Refining operating income includes a \$4,008 goodwill impairment loss in 2008; a \$114 loss contingency accrual related to Aruban tax matter in 2009; and \$85, \$220, and \$2 asset impairment losses in 2008, 2009, and 2010, respectively.
- (6) Credit card transaction processing fees incurred by Valero's Retail business segment from 2002 to 2009 have been reclassified from Retail operating expenses to cost of goods sold to conform to the 2010 presentation. Fuel margin (cents per gallon) and Merchandise margin (percent of sales) for 2002 through 2009 have also been restated based on this reclassification.
- (7) During the second quarter of 2009, we acquired certain ethanol plants from VeraSun Energy Corporation.
- (8) During the first quarter of 2010, we acquired two ethanol plants from ASA Ethanol Holdings LLC and one ethanol plant from Renew Energy LLC.

Valero Energy Corporation

**Quarterly Throughput Volumes and Yields Summary
from Continuing Operations (Thousand barrels per day)
(Unaudited)**

	2002				2003				2004				2005				2006			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Gulf Coast (1)																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	43	41	50	43	52	55	178	188	254	437	389	427	434	388	388	604	613	561	527	584
Medium/light sour crude	274	202	248	276	345	285	210	280	238	281	317	298	273	275	222	277	195	246	237	278
Acidic sweet crude	5	30	23	26	23	37	5	11	22	45	32	11	17	23	61	13	11	4	12	8
Sweet crude	123	145	136	192	160	202	248	211	180	170	170	203	219	199	218	254	249	271	262	199
Residuals	59	72	81	59	74	84	67	81	92	104	166	164	116	182	241	173	154	233	258	195
Other feedstocks	47	67	42	54	27	39	129	102	116	113	85	73	81	89	63	92	120	84	70	72
Total feedstocks	551	557	580	650	681	702	837	873	902	1,150	1,159	1,176	1,140	1,156	1,193	1,413	1,342	1,399	1,366	1,336
Blendstocks and other	79	86	98	99	84	84	96	109	105	125	114	121	113	129	135	174	170	190	164	162
Total throughput volumes	630	643	678	749	765	786	933	982	1,007	1,275	1,273	1,297	1,253	1,285	1,328	1,587	1,512	1,589	1,530	1,498
Yields:																				
Gasolines & blendstocks	309	341	384	410	390	423	487	513	506	551	545	554	492	562	569	714	703	722	686	672
Distillates	173	158	173	209	216	219	261	285	292	380	378	387	386	373	391	487	451	476	473	478
Petrochemicals	30	32	37	39	47	42	52	59	59	55	59	60	57	52	52	63	65	57	58	66
Asphalts	14	23	14	11	18	28	18	17	13	24	23	20	16	22	24	14	12	17	20	13
No. 6 fuel oil	30	26	29	35	40	32	35	32	34	45	50	51	50	66	60	54	58	54	50	44
Vacuum gas oil	21	15	11	6	1	1	29	30	50	129	125	133	139	125	130	136	116	146	131	121
Petroleum coke	8	3	7	7	7	7	22	29	38	67	66	70	65	63	59	87	84	85	83	86
Other products	49	47	29	38	53	40	40	29	28	32	36	34	53	28	33	39	33	37	39	28
Total yields	634	645	684	755	772	792	944	994	1,020	1,283	1,282	1,309	1,258	1,291	1,318	1,594	1,522	1,594	1,540	1,508
West Coast																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	79	68	79	83	98	86	84	83	73	106	95	76	86	94	96	88	103	96	80	90
Medium/light sour crude	119	140	116	109	121	125	133	138	112	112	119	91	126	129	129	140	112	114	127	110
Acidic sweet crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	9	8
Sweet crude	-	-	21	10	-	7	-	-	-	-	4	-	-	-	-	-	-	-	3	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	39	38	36	39
Total feedstocks	238	244	241	233	243	250	244	253	200	243	246	199	244	262	268	271	254	251	255	251
Blendstocks and other	55	57	62	68	70	72	74	61	56	56	52	59	55	53	46	47	45	53	58	55
Total throughput volumes	293	301	303	301	313	322	318	314	256	299	298	258	299	315	314	318	299	304	313	306
Yields:																				
Gasolines & blendstocks	190	201	188	200	205	201	200	206	161	191	191	157	198	205	206	205	191	197	197	194
Distillates	53	58	64	61	60	65	69	65	44	61	63	62	64	67	64	73	63	61	69	68
Petrochemicals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asphalts	8	9	10	9	7	9	10	9	8	9	10	9	3	9	10	10	6	7	10	8
No. 6 fuel oil	12	12	7	7	7	9	7	10	6	8	7	6	10	9	9	8	9	9	8	9
Vacuum gas oil	7	7	8	2	10	12	7	3	17	3	2	3	4	2	3	1	7	6	5	7
Petroleum coke	13	14	14	14	15	15	15	15	11	15	16	12	15	15	15	16	16	15	15	15
Other products	9	3	9	14	9	10	9	9	8	11	9	11	10	10	10	10	11	11	12	9
Total yields	292	304	300	307	313	321	317	317	255	298	298	260	304	317	317	323	303	306	316	310

Valero Energy Corporation

**Quarterly Throughput Volumes and Yields Summary
from Continuing Operations (Thousand barrels per day)
(Unaudited)**

	2002				2003				2004				2005				2006			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Mid-Continent																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium/light sour crude	45	58	49	52	60	61	51	34	53	54	50	55	63	43	39	24	19	45	33	41
Acidic sweet crude	-	-	-	5	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Sweet crude	189	198	211	191	182	198	224	219	212	220	218	200	203	203	244	327	305	356	362	352
Residuals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other feedstocks	7	10	7	2	1	1	5	2	2	4	4	5	2	4	3	3	4	5	3	2
Total feedstocks	241	266	267	250	243	260	280	255	272	278	272	260	268	250	286	354	328	406	398	395
Blendstocks and other	3	3	5	24	13	14	12	25	17	18	19	27	23	13	16	33	24	24	28	34
Total throughput volumes	244	269	272	274	256	274	292	280	289	296	291	287	291	263	302	387	352	430	426	429
Yields:																				
Gasolines & blendstocks	144	168	164	160	147	162	173	164	173	171	163	162	165	152	167	193	179	220	224	223
Distillates	65	69	73	82	73	69	79	83	80	85	89	88	86	77	99	146	129	157	150	152
Petrochemicals	6	6	8	9	9	8	8	8	10	8	8	8	11	8	9	10	10	13	14	15
Asphalts	16	25	23	16	21	25	22	16	18	19	19	18	20	16	16	12	14	16	15	16
No. 6 fuel oil	4	2	3	3	2	3	3	4	3	4	3	4	3	3	4	7	5	8	8	7
Vacuum gas oil	-	-	-	1	1	1	1	1	1	2	3	3	4	2	4	6	5	1	1	3
Petroleum coke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other products	6	8	8	5	5	7	7	4	5	9	9	6	6	7	8	14	11	14	10	13
Total yields	241	278	279	276	258	275	293	280	290	298	294	289	295	265	307	388	353	429	422	429
North Atlantic (2) (3)																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	-	-	-	-	-	3	-	-	11	11	-	-	-	-	-	4	-	-	-	-
Medium/light sour crude	-	-	7	-	-	-	-	-	-	5	18	27	2	3	-	3	12	2	5	-
Acidic sweet crude	86	88	82	81	85	78	70	85	72	67	57	55	89	82	64	61	55	43	62	44
Sweet crude	95	83	94	119	112	119	120	113	123	119	115	119	115	121	135	139	140	97	137	159
Residuals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other feedstocks	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2	2	-
Total feedstocks	181	171	183	200	197	200	190	198	208	202	190	201	206	206	199	207	207	144	206	203
Blendstocks and other	-	-	-	-	-	-	-	-	-	1	7	4	7	3	3	7	3	10	6	5
Total throughput volumes	181	171	183	200	197	200	190	198	208	203	197	205	213	209	202	214	210	154	212	208
Yields:																				
Gasolines & blendstocks	80	77	75	82	81	84	78	79	83	80	80	82	86	92	83	80	86	63	94	93
Distillates	77	68	78	88	88	88	87	94	91	89	82	85	91	80	85	91	88	60	91	89
Petrochemicals	-	-	-	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	2	1
Asphalts	-	1	3	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-
No. 6 fuel oil	21	22	22	22	21	20	18	22	26	27	24	29	25	24	23	27	24	14	22	19
Vacuum gas oil	-	-	-	-	-	-	-	-	1	2	4	3	3	3	5	10	5	12	-	2
Petroleum coke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other products	4	4	6	8	8	7	7	4	6	4	5	6	6	7	4	5	5	4	4	6
Total yields	182	172	184	201	198	201	190	199	208	203	197	206	212	207	201	214	209	154	213	210

Valero Energy Corporation

**Quarterly Throughput Volumes and Yields Summary
from Continuing Operations (Thousand barrels per day)
(Unaudited)**

	2002				2003				2004				2005				2006			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Total Refining (1) (2) (3)																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	122	109	129	126	150	144	262	271	338	554	484	503	520	482	484	696	716	657	607	674
Medium/light sour crude	438	400	420	437	526	471	394	452	403	452	504	471	464	450	390	444	338	407	402	429
Acidic sweet crude	91	118	105	112	108	115	75	96	99	112	89	66	106	105	125	74	66	50	83	60
Sweet crude	407	426	462	512	454	526	592	543	515	509	507	522	537	523	597	720	694	724	764	714
Residuals	59	72	82	60	74	87	69	81	92	105	170	165	116	182	241	173	154	233	258	195
Other feedstocks	94	113	73	86	52	69	159	136	135	141	113	109	115	132	109	138	163	129	111	113
Total feedstocks	1,211	1,238	1,271	1,333	1,364	1,412	1,551	1,579	1,582	1,873	1,867	1,836	1,858	1,874	1,946	2,245	2,131	2,200	2,225	2,185
Blendstocks and other	137	146	165	191	167	170	182	195	178	200	192	211	198	198	200	261	242	277	256	256
Total throughput volumes	1,348	1,384	1,436	1,524	1,531	1,582	1,733	1,774	1,760	2,073	2,059	2,047	2,056	2,072	2,146	2,506	2,373	2,477	2,481	2,441
Yields:																				
Gasolines & blendstocks	723	787	811	852	823	870	938	962	923	993	979	955	941	1,011	1,025	1,192	1,159	1,202	1,201	1,182
Distillates	368	353	388	440	437	441	496	527	507	615	612	622	627	597	639	797	731	754	783	787
Petrochemicals	36	38	45	49	56	50	60	67	70	64	68	69	69	61	62	74	76	71	74	82
Asphalts	38	58	50	36	46	64	50	42	39	52	53	47	39	47	50	36	32	40	45	37
No. 6 fuel oil	67	62	61	67	70	64	63	68	69	84	84	90	88	102	96	96	96	85	88	79
Vacuum gas oil	28	22	19	9	12	14	37	34	69	136	134	142	150	132	142	153	133	165	137	133
Petroleum coke	21	17	21	21	22	22	37	44	49	82	82	82	80	78	74	103	100	100	98	101
Other products	68	62	52	65	75	64	63	46	47	56	59	57	75	52	55	68	60	66	65	56
Total yields	1,349	1,399	1,447	1,539	1,541	1,589	1,744	1,790	1,773	2,082	2,071	2,064	2,069	2,080	2,143	2,519	2,387	2,483	2,491	2,457

(1) The Gulf Coast Region and Total Refining include the throughput volumes and yields of the Meraux Refinery commencing on October 1, 2011, the date of acquisition from Murphy Oil Corporation.

(2) For all periods presented, throughput volumes and yields for the North Atlantic region (formerly known as Northeast) and Total Refining have been restated to exclude throughput volumes and yields of the Delaware City and Paulsboro refineries, which were sold in June 2010 and December 2010, respectively.

(3) The North Atlantic Region and Total Refining include the throughput volumes and yields of the Pembroke Refinery commencing on August 1, 2011, the date of acquisition from Chevron Corporation.

Valero Energy Corporation
Quarterly Throughput Volumes
from Continuing Operations
(Unaudited)

	2007				2008				2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Gulf Coast (1)																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	592	545	508	545	498	517	493	534	489	389	357	331	366	418	394	411	341	389	467	397
Medium/light sour crude	261	279	292	282	257	324	283	317	282	319	272	249	232	288	301	255	280	314	332	392
Acidic sweet crude	11	5	-	-	7	13	1	8	31	41	3	-	17	6	19	37	19	42	46	39
Sweet crude	228	228	206	180	164	153	83	77	98	153	150	147	155	159	139	142	138	155	119	166
Residuals	204	218	208	180	160	209	208	167	117	213	153	176	136	207	238	227	249	292	291	256
Other feedstocks	97	103	132	161	104	73	88	107	110	113	115	67	85	79	66	65	107	67	86	83
Total feedstocks	1,393	1,378	1,346	1,348	1,190	1,289	1,156	1,210	1,127	1,228	1,050	970	991	1,157	1,157	1,137	1,134	1,259	1,341	1,333
Blendstocks and other	132	165	181	202	190	206	168	210	188	167	188	179	146	172	179	176	165	173	181	213
Total throughput volumes	1,525	1,543	1,527	1,550	1,380	1,495	1,324	1,420	1,315	1,395	1,238	1,149	1,137	1,329	1,336	1,313	1,299	1,432	1,522	1,546
Yields:																				
Gasolines & blendstocks	645	662	671	677	612	628	525	575	527	597	595	556	523	617	611	592	543	579	633	652
Distillates	498	487	478	485	443	535	445	481	447	461	395	364	351	443	468	454	404	480	518	541
Petrochemicals	66	63	64	60	60	59	47	46	44	55	54	51	51	59	57	62	56	55	63	61
Asphalts	14	18	17	9	15	9	11	11	10	17	19	11	16	16	13	12	16	18	12	7
No. 6 fuel oil	42	51	51	48	51	45	42	41	36	32	33	21	21	22	20	19	28	32	35	38
Vacuum gas oil	157	149	144	175	112	110	148	155	146	148	79	84	122	106	105	110	174	182	173	155
Petroleum coke	93	88	77	77	72	83	71	79	71	69	49	50	50	59	66	66	60	70	81	79
Other products	26	34	29	22	26	28	29	34	36	23	30	29	23	25	23	24	27	25	24	32
Total yields	1,541	1,552	1,531	1,553	1,391	1,497	1,318	1,422	1,317	1,402	1,254	1,166	1,157	1,347	1,363	1,339	1,308	1,441	1,539	1,565
West Coast																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	91	73	86	65	77	76	72	85	69	61	72	62	64	54	49	64	31	61	73	57
Medium/light sour crude	115	114	97	90	101	115	119	110	114	105	92	96	105	66	44	75	58	71	66	79
Acidic sweet crude	4	23	18	5	6	15	17	6	10	30	19	10	9	44	21	9	14	52	63	43
Sweet crude	-	3	20	25	1	-	-	-	-	-	21	7	8	35	61	38	25	24	14	7
Residuals	-	1	3	1	-	2	5	1	-	-	-	-	-	4	-	-	-	-	-	-
Other feedstocks	34	27	32	26	28	32	30	30	37	38	29	15	30	28	37	25	30	33	34	36
Total feedstocks	244	241	256	212	213	240	243	232	230	234	233	190	216	231	212	211	158	241	250	222
Blendstocks and other	51	60	50	44	48	45	42	40	46	50	49	36	46	31	40	36	37	38	34	43
Total throughput volumes	295	301	306	256	261	285	285	272	276	284	282	226	262	262	252	247	195	279	284	265
Yields:																				
Gasolines & blendstocks	181	184	192	147	169	174	171	156	177	186	184	141	178	166	159	148	111	178	178	172
Distillates	67	73	70	54	58	75	76	71	64	62	61	48	55	60	54	57	52	69	71	67
Petrochemicals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asphalts	7	9	10	4	2	7	10	7	3	6	8	6	3	6	8	5	3	6	9	5
No. 6 fuel oil	12	8	8	10	9	8	8	10	9	7	6	8	6	10	17	7	7	7	6	6
Vacuum gas oil	4	4	5	22	3	2	1	7	2	2	1	6	1	2	1	11	4	1	2	2
Petroleum coke	15	14	14	10	12	13	12	13	13	12	13	10	12	11	7	10	9	13	12	10
Other products	12	10	9	8	11	8	10	9	10	10	10	8	11	10	8	10	7	8	9	8
Total yields	298	302	308	255	264	287	288	273	278	285	283	227	266	265	254	248	193	282	287	270

Valero Energy Corporation
Quarterly Throughput Volumes
from Continuing Operations
(Unaudited)

	2007				2008				2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Mid-Continent																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-
Medium/light sour crude	29	42	48	35	48	56	63	47	50	39	20	32	48	55	57	18	34	33	43	42
Acidic sweet crude	-	-	-	-	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Sweet crude	293	297	358	347	327	350	329	329	317	282	315	332	269	294	335	364	341	331	315	354
Residuals	-	-	1	1	1	-	2	1	1	12	5	1	-	-	1	1	-	1	1	-
Other feedstocks	2	3	6	6	4	1	2	4	3	2	4	1	3	2	5	1	-	4	2	1
Total feedstocks	324	342	413	389	380	413	397	381	371	335	344	366	330	351	398	384	375	369	361	397
Blendstocks and other	29	31	32	47	32	26	29	35	29	35	30	39	33	39	24	34	28	29	39	42
Total throughput volumes	353	373	445	436	412	439	426	416	400	370	374	405	363	390	422	418	403	398	400	439
Yields:																				
Gasolines & blendstocks	168	172	212	217	201	212	215	209	207	202	204	228	204	212	231	227	215	213	219	239
Distillates	131	146	174	172	164	180	168	158	146	123	125	141	119	132	155	155	146	139	137	158
Petrochemicals	10	12	13	13	12	13	12	12	13	10	12	15	13	12	15	15	20	20	19	22
Asphalts	10	8	11	6	9	13	15	14	12	11	12	9	11	15	12	8	10	10	13	8
No. 6 fuel oil	7	13	19	18	11	8	8	10	8	8	7	7	6	5	5	6	7	7	6	7
Vacuum gas oil	5	2	3	1	3	-	1	5	3	4	1	2	2	5	1	1	2	2	1	1
Petroleum coke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other products	21	16	9	9	13	11	7	6	8	10	14	6	9	9	6	7	5	6	6	6
Total yields	352	369	441	436	413	437	426	414	397	368	375	408	364	390	425	419	405	397	401	441
North Atlantic (2) (3)																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium/light sour crude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Acidic sweet crude	67	57	61	66	60	46	56	73	63	30	2	17	16	8	11	42	39	34	41	30
Sweet crude	139	147	140	137	131	139	145	140	130	156	173	178	156	180	173	164	162	169	291	367
Residuals	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	18	18
Other feedstocks	-	4	3	2	9	6	2	-	-	4	7	-	-	7	5	1	-	1	1	3
Total feedstocks	206	208	204	205	200	191	203	213	193	190	182	199	173	195	189	207	201	204	365	427
Blendstocks and other	7	2	2	7	8	3	3	4	8	2	3	6	5	4	4	5	8	3	21	36
Total throughput volumes	213	210	206	212	208	194	206	217	201	192	185	205	178	199	193	212	209	207	386	463
Yields:																				
Gasolines & blendstocks	91	92	87	83	86	77	76	76	78	91	94	91	62	89	87	86	87	84	166	207
Distillates	89	87	86	94	88	86	98	95	90	77	74	92	72	85	89	98	93	98	168	191
Petrochemicals	2	1	2	2	1	1	2	2	1	1	2	2	1	1	1	1	2	2	4	5
Asphalts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. 6 fuel oil	22	26	27	29	30	22	26	33	22	16	10	13	7	10	12	23	23	18	36	40
Vacuum gas oil	3	-	-	-	-	1	-	7	2	-	-	1	30	7	2	2	1	1	1	5
Petroleum coke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other products	6	4	4	3	3	5	4	3	5	5	4	6	3	5	4	3	4	4	7	8
Total yields	213	210	206	211	208	192	206	216	198	190	184	205	175	197	193	213	210	207	382	456

Valero Energy Corporation
Quarterly Throughput Volume
from Continuing Operations
(Unaudited)

	2007				2008				2009				2010				2011			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Total Refining (1) (2) (3)																				
Throughput volumes:																				
Feedstocks:																				
Heavy sour crude	683	618	594	610	575	593	565	619	558	450	429	393	440	472	443	475	372	450	540	454
Medium/light sour crude	405	435	437	407	406	495	465	474	446	463	384	377	385	409	402	348	372	418	455	522
Acidic sweet crude	82	85	79	71	73	80	75	87	104	101	24	27	42	58	51	88	72	128	150	112
Sweet crude	660	675	724	689	623	642	557	546	545	591	659	664	588	668	708	708	666	679	739	894
Residuals	204	219	212	182	161	211	215	169	118	225	158	181	137	211	239	228	249	293	310	274
Other feedstocks	133	137	173	195	145	112	122	141	150	157	155	83	118	116	113	92	137	105	123	123
Total feedstocks	2,167	2,169	2,219	2,154	1,983	2,133	1,999	2,036	1,921	1,987	1,809	1,725	1,710	1,934	1,956	1,939	1,868	2,073	2,317	2,379
Blendstocks and other	219	258	265	300	278	280	242	289	271	254	270	260	230	246	247	251	238	243	275	334
Total throughput volumes	2,386	2,427	2,484	2,454	2,261	2,413	2,241	2,325	2,192	2,241	2,079	1,985	1,940	2,180	2,203	2,190	2,106	2,316	2,592	2,713
Yields:																				
Gasolines & blendstocks	1,085	1,110	1,162	1,124	1,068	1,091	987	1,016	989	1,076	1,077	1,016	967	1,084	1,088	1,053	956	1,054	1,196	1,270
Distillates	785	793	808	805	753	876	787	805	747	723	655	645	597	720	766	764	695	786	894	957
Petrochemicals	78	76	79	75	73	73	61	60	58	66	68	68	65	72	73	78	78	77	86	88
Asphalts	31	35	38	19	26	29	36	32	25	34	39	26	30	37	33	25	29	34	34	20
No. 6 fuel oil	83	98	105	105	101	83	84	94	75	63	56	49	40	47	54	55	65	64	83	91
Vacuum gas oil	169	155	152	198	118	113	150	174	153	154	81	93	155	120	107	124	181	186	177	163
Petroleum coke	108	102	91	87	84	96	83	92	84	81	62	60	62	70	73	76	69	83	93	89
Other products	65	64	51	42	53	52	50	52	59	48	58	49	46	49	41	44	43	43	46	54
Total yields	2,404	2,433	2,486	2,455	2,276	2,413	2,238	2,325	2,190	2,245	2,096	2,006	1,962	2,199	2,235	2,219	2,116	2,327	2,609	2,732

- (1) The Gulf Coast Region and Total Refin
(2) For all periods presented, throughput volume sold in June 2010 and December 2010
(3) The North Atlantic Region and Total Refin

Valero Energy Corporation
Annual Throughput Volumes and Yields Summary
from Continuing Operations (Thousand barrels per day)
(Unaudited)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Gulf Coast (1)										
Throughput volumes:										
Feedstocks:										
Heavy sour crude	45	119	377	454	571	547	511	391	398	398
Medium/light sour crude	250	280	284	263	239	279	295	280	269	330
Acidic sweet crude	21	19	28	28	8	4	7	19	20	37
Sweet crude	149	206	181	223	245	211	119	137	148	145
Residuals	67	77	132	178	210	203	186	165	203	272
Other feedstocks	52	74	96	81	86	123	93	101	74	85
Total feedstocks	584	775	1,098	1,227	1,359	1,367	1,211	1,093	1,112	1,267
Blendstocks and other	91	92	115	137	173	170	193	181	168	183
Total throughput volumes	675	867	1,213	1,364	1,532	1,537	1,404	1,274	1,280	1,450
Yields:										
Gasolines & blendstocks	361	453	539	585	696	664	585	569	586	602
Distillates	179	246	360	410	470	487	476	416	429	486
Petrochemicals	34	50	58	56	62	63	53	51	57	59
Asphalts	15	20	20	19	14	15	12	14	14	13
No. 6 fuel oil	31	35	45	57	51	48	45	30	21	33
Vacuum gas oil	15	16	109	131	129	156	131	114	111	171
Petroleum coke	6	17	60	68	85	84	76	60	60	73
Other products	39	39	33	41	34	27	29	30	24	27
Total yields	680	876	1,224	1,367	1,541	1,544	1,407	1,284	1,302	1,464
West Coast										
Throughput volumes:										
Feedstocks:										
Heavy sour crude	77	88	88	91	92	79	77	66	58	56
Medium/light sour crude	121	129	108	130	116	104	111	102	72	68
Acidic sweet crude	-	-	-	-	5	12	11	17	21	43
Sweet crude	8	2	1	-	2	12	-	7	36	17
Residuals	1	1	1	-	-	1	2	-	1	-
Other feedstocks	33	27	24	40	38	30	31	30	30	34
Total feedstocks	240	247	222	261	253	238	232	222	218	218
Blendstocks and other	60	70	56	51	53	51	44	45	38	38
Total throughput volumes	300	317	278	312	306	289	276	267	256	256
Yields:										
Gasolines & blendstocks	195	203	175	203	195	176	168	172	163	160
Distillates	59	65	58	67	65	66	69	59	57	65
Petrochemicals	-	-	-	-	-	-	-	-	-	-
Asphalts	9	9	9	8	8	8	6	5	5	6
No. 6 fuel oil	9	8	7	9	9	10	9	8	10	6
Vacuum gas oil	5	8	6	3	6	9	4	3	3	2
Petroleum coke	14	15	14	16	15	13	13	12	10	11
Other products	10	9	9	9	11	9	9	9	10	8
Total yields	301	317	278	315	309	291	278	268	258	258
Mid-Continent										
Throughput volumes:										
Feedstocks:										
Heavy sour crude	-	-	-	-	-	-	-	-	2	-
Medium/light sour crude	51	51	53	42	35	38	54	35	45	38
Acidic sweet crude	1	-	1	-	-	-	2	-	-	-
Sweet crude	197	206	212	245	344	324	334	312	316	335
Residuals	-	-	-	-	-	1	1	4	-	1
Other feedstocks	7	2	4	3	4	4	2	3	3	2
Total feedstocks	256	259	270	290	383	367	393	354	366	376
Blendstocks and other	9	17	21	21	27	35	30	33	32	35
Total throughput volumes	265	276	291	311	410	402	423	387	398	411
Yields:										
Gasolines & blendstocks	159	162	167	170	212	192	209	210	218	222
Distillates	72	76	86	102	147	156	168	134	140	145
Petrochemicals	8	8	9	10	13	12	12	13	13	20
Asphalts	20	21	19	16	15	8	13	11	12	10
No. 6 fuel oil	3	3	3	5	7	14	9	7	6	7
Vacuum gas oil	-	1	3	4	3	3	2	2	4	2
Petroleum coke	-	-	-	-	-	-	-	-	-	-
Other products	7	6	6	7	12	15	10	10	7	5
Total yields	269	277	293	314	409	400	423	387	400	411
North Atlantic (2) (3)										
Throughput volumes:										
Feedstocks:										
Heavy sour crude	-	1	5	1	-	-	-	-	-	-
Medium/light sour crude	2	-	13	2	4	-	-	-	-	6
Acidic sweet crude	84	79	63	74	52	63	59	28	19	36
Sweet crude	98	116	119	127	133	140	139	160	168	248
Residuals	-	-	-	-	-	-	-	1	-	9
Other feedstocks	-	-	-	-	1	2	4	2	3	1
Total feedstocks	184	196	200	204	190	205	202	191	190	300
Blendstocks and other	-	-	3	5	5	5	5	5	5	17
Total throughput volumes	184	196	203	209	195	210	207	196	195	317

Valero Energy Corporation
Annual Throughput Volumes and Yields Summary
from Continuing Operations (Thousand barrels per day)
(Unaudited)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Yields:										
Gasolines & blendstocks	79	80	81	85	83	89	78	89	81	136
Distillates	78	89	86	86	82	89	92	83	86	138
Petrochemicals	-	-	1	1	1	2	2	1	2	3
Asphalts	1	-	-	-	-	-	-	-	-	-
No. 6 fuel oil	22	20	27	25	20	26	27	16	13	30
Vacuum gas oil	-	-	2	6	5	-	2	1	9	2
Petroleum coke	-	-	-	-	-	-	-	-	-	-
Other products	5	8	6	5	5	4	4	5	4	6
Total yields	185	197	203	208	196	210	205	195	195	315
Total Refining (1) (2) (3)										
Throughput volumes:										
Feedstocks:										
Heavy sour crude	122	208	470	546	663	626	588	457	458	454
Medium/light sour crude	424	460	458	437	394	421	460	417	386	442
Acidic sweet crude	106	98	92	102	65	79	79	64	60	116
Sweet crude	452	530	513	595	724	687	592	616	668	745
Residuals	68	78	133	178	210	205	189	170	204	282
Other feedstocks	92	103	124	124	129	159	130	136	110	122
Total feedstocks	1,264	1,477	1,790	1,982	2,185	2,177	2,038	1,860	1,886	2,161
Blendstocks and other	160	179	195	214	258	261	272	264	243	273
Total throughput volumes	1,424	1,656	1,985	2,196	2,443	2,438	2,310	2,124	2,129	2,434
Yields:										
Gasolines & blendstocks	794	898	962	1,043	1,186	1,121	1,040	1,040	1,048	1,120
Distillates	388	476	590	665	764	798	805	692	712	834
Petrochemicals	42	58	68	67	76	77	67	65	72	82
Asphalts	45	50	48	43	37	31	31	30	31	29
No. 6 fuel oil	65	66	82	96	87	98	90	61	50	76
Vacuum gas oil	20	25	120	144	143	168	139	120	127	177
Petroleum coke	20	32	74	84	100	97	89	72	70	84
Other products	61	62	54	62	62	55	52	54	45	46
Total yields	1,435	1,667	1,998	2,204	2,455	2,445	2,313	2,134	2,155	2,448

(1) The Gulf Coast Region and Total Refining include the throughput volumes and yields of the Meraux Refinery commencing on October 1, 2011, the date of acquisition from Murphy Oil Corporation.

(2) For all periods presented, throughput volumes and yields for the North Atlantic region (formerly known as Northeast) and Total Refining have been restated to exclude throughput volumes and yields of the Delaware City and Paulsboro refineries, which were sold in June 2010 and December 2010, respectively.

(3) The North Atlantic Region and Total Refining include the throughput volumes and yields of the Pembroke Refinery commencing on August 1, 2011, the date of acquisition from Chevron Corporation.