



# Valero Energy Corporation (VLO)

Updated April 27<sup>th</sup>, 2022 by Aristofanis Papadatos

## Key Metrics

<b>Current Price:</b>	\$105	<b>5 Year CAGR Estimate:</b>	-0.8%	<b>Market Cap:</b>	\$42.8 B
<b>Fair Value Price:</b>	\$99	<b>5 Year Growth Estimate:</b>	-4.0%	<b>Ex-Dividend Date:</b>	5/13/2022 <sup>1</sup>
<b>% Fair Value:</b>	106%	<b>5 Year Valuation Multiple Estimate:</b>	-1.1%	<b>Dividend Payment Date:</b>	6/7/2022
<b>Dividend Yield:</b>	3.7%	<b>5 Year Price Target</b>	\$81	<b>Years Of Dividend Growth:</b>	0
<b>Dividend Risk Score:</b>	D	<b>Retirement Suitability Score:</b>	D	<b>Rating:</b>	Sell

## Overview & Current Events

Valero, a \$42.8 billion market cap business, is the largest petroleum refiner in the U.S. It owns 15 refineries in the U.S., Canada and the U.K. and has a total capacity of about 3.2 million barrels/day. It also produces renewable diesel and has a midstream segment, Valero Energy Partners LP, but its contribution to total earnings is under 10%. Valero should be viewed as a nearly pure refiner.

U.S. refiners faced a severe downturn in 2020-2021 due to the pandemic, which caused a collapse in oil consumption. Refining margins plunged and hence all the U.S. refiners incurred hefty losses in 2020. However, thanks to the vaccine rollout, the pandemic has subsided and global oil demand is expected to recover to its pre-pandemic level this year.

In late April, Valero reported (4/26/22) its financial results for the first quarter of fiscal 2022. Thanks to a strong recovery in the demand for oil products, Valero enhanced its refinery throughput from 2.4 million barrels per day in last year's quarter to 2.8 million barrels per day and enjoyed much higher refining margins. As a result, the refining segment switched from an operating loss of -\$506 million in last year's quarter to operating income of \$1.5 billion and Valero switched from an adjusted loss of -\$1.64 per share to a profit of \$2.31 per share, thus exceeding analysts' consensus by an impressive \$0.67. Even better, refining margins are currently at multi-year highs thanks to strong demand for oil products, the permanent shutdown of some refineries around the globe in the last two years due to the pandemic and tight supply of oil products due to the ongoing war between Russia and Ukraine. Given all these tailwinds, we have raised our forecast for the earnings-per-share of Valero in 2022 from \$6.20 to \$9.20.

## Growth on a Per-Share Basis

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2027
<b>EPS</b>	\$3.75	\$4.37	\$6.85	\$7.99	\$4.94	\$4.96	\$7.37	\$5.70	-\$3.12	\$2.81	<b>\$9.20</b>	<b>\$7.50</b>
<b>DPS</b>	\$0.65	\$0.85	\$1.05	\$1.70	\$2.40	\$2.80	\$3.20	\$3.60	\$3.92	\$3.92	<b>\$3.92</b>	<b>\$3.92</b>
<b>Shares<sup>2</sup></b>	556	548	530	500	464	444	422	410	407	408	<b>408</b>	<b>360</b>

Valero was severely hurt by the pandemic in 2020-2021 and it has frozen its dividend for 9 consecutive quarters, thus putting an end to its 10-year dividend growth streak. However, the company is thriving right now thanks to the aforementioned tailwinds. Moreover, Valero has a promising pipeline of growth projects for the next three years. These projects aim to lower carbon intensity and improve refining margins. Nevertheless, as refining margins are highly cyclical, we expect a -4.0% average annual decline of earnings-per-share off this year's high comparison base.

## Valuation Analysis

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Now	2027
<b>Avg. P/E</b>	7.2	9.2	7.5	7.7	11.9	14.3	13.8	14.9	---	25.5	<b>11.4</b>	<b>10.8</b>
<b>Avg. Yld.</b>	2.4%	2.1%	2.0%	2.8%	4.1%	4.0%	3.1%	4.2%	6.7%	5.5%	<b>3.7%</b>	<b>4.8%</b>

<sup>1</sup> Estimated date.

<sup>2</sup> In millions.

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Valero is currently trading at a price-to-earnings ratio of 11.4. This earnings multiple is slightly higher than the 10-year average P/E ratio of 10.8. If the stock trades at its average valuation level in five years, it will incur a -1.1% annualized drag due to the contraction of its price-to-earnings ratio.

## Safety, Quality, Competitive Advantage, & Recession Resiliency

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2027
Payout	17.3%	19.5%	15.3%	21.3%	48.6%	56.5%	43.4%	63.2%	---	140%	42.6%	52.3%

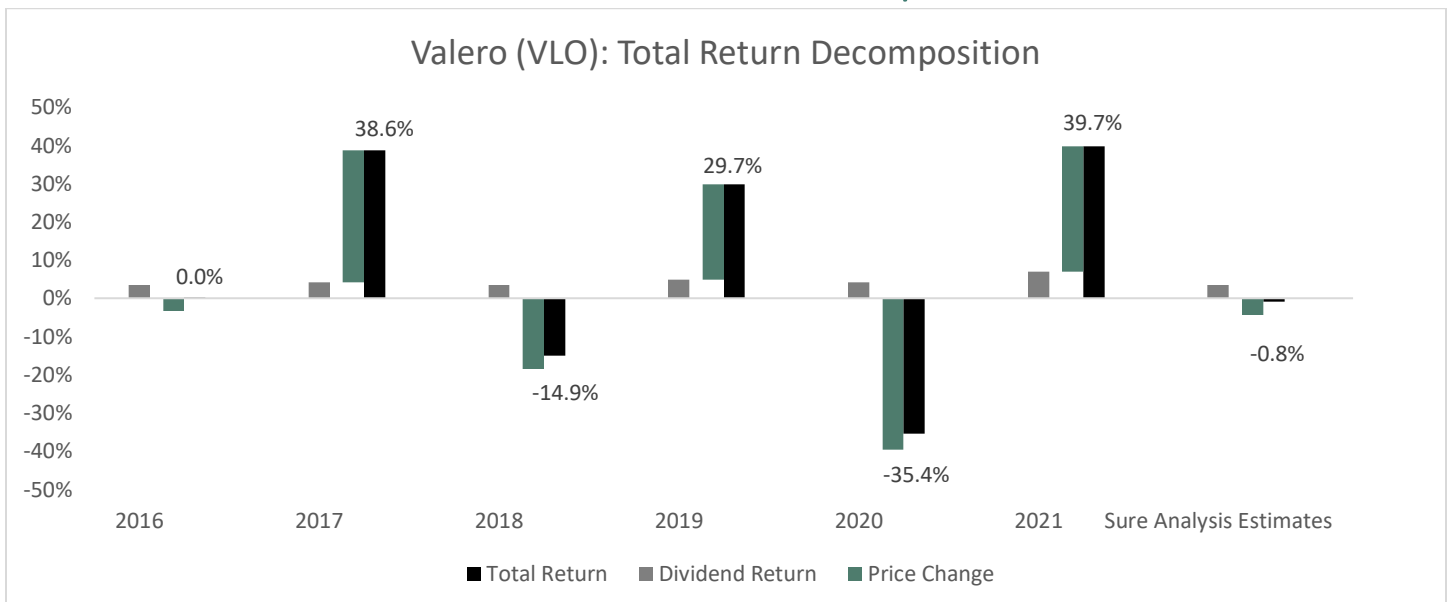
Refining is a highly cyclical business and hence all the refiners are vulnerable to declining crack spreads. Crack spreads tightened significantly during the Great Recession, when the demand for oil products greatly deteriorated and gasoline became cheaper than crude oil for almost three months. As a result, Valero posted operating losses. A similar picture was evident in 2020-2021 due to the pandemic, as the prices of refined products fell more than the price of crude oil, thus exerting pressure on refining margins. On the bright side, Valero has a competitive advantage over its peers, namely the high complexity of its refineries, which enables the company to benefit from the gyrations of oil prices and refined products by optimizing its blend of feedstock and products.

Nevertheless, investors should note that U.S. refiners have now lost a significant past advantage. During the fierce downturn of the refining sector within 2011-2013, about 20% of refineries worldwide went out of business. The domestic refiners were not affected, as they were protected thanks to the ban on oil exports that prevailed back then. However, now that the ban has been lifted, they are more vulnerable and thus they all incurred material losses in 2020. Whenever the next downturn of the energy sector shows up, the 3.7% dividend of Valero may come under pressure.

## Final Thoughts & Recommendation

Valero currently enjoys multi-year high refining margins thanks to strong demand for oil products and low global inventories of oil products due to the war in Ukraine and the permanent shutdown of some refineries due to the pandemic. However, the stock has rallied 75% in about 6 months and hence it has become much less attractive from a long-term perspective. Valero is thriving right now but investors should never forget the high cyclicality of the refining business. We expect Valero to offer poor returns over a 5-year period and thus we rate the stock as a sell.

## Total Return Breakdown by Year



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## Income Statement Metrics

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Revenue (\$B)</b>	138.39	138.07	130.84	87.80	75.66	93.98	117.03	108.3	64.9	114.0
<b>Gross Profit</b>	5,828	4,715	6,626	7,068	4,299	4,453	5,542	4,725	-788	3,082
<b>Gross Margin</b>	4.2%	3.4%	5.1%	8.0%	5.7%	4.7%	4.7%	4.4%	-1.2%	2.7%
<b>SG&amp;A Exp.</b>	698	758	724	710	709	829	925	868	756	865
<b>D&amp;A Exp.</b>	1,574	1,720	1,690	1,842	1,894	1,986	2,069	2,255	2,351	2,405
<b>Operating Profit</b>	5,130	3,957	5,902	6,358	3,590	3,563	4,572	3,836	-1,579	2,130
<b>Operating Margin</b>	3.7%	2.9%	4.5%	7.2%	4.7%	3.8%	3.9%	3.5%	-2.4%	1.9%
<b>Net Profit</b>	2,083	2,720	3,630	3,990	2,289	4,065	3,122	2,422	-1,421	930
<b>Net Margin</b>	1.5%	2.0%	2.8%	4.5%	3.0%	4.3%	2.7%	2.2%	-2.2%	0.8%
<b>Free Cash Flow</b>	2,339	3,443	2,088	3,993	3,542	4,103	2,619	3,537	-840	4,304
<b>Income Tax</b>	1,626	1,254	1,777	1,870	765	-949	879	702	-903	255

## Balance Sheet Metrics

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Total Assets</b>	44,477	47,260	45,550	44,227	46,173	50,158	50,155	53,864	51,774	57,888
<b>Cash &amp; Equivalents</b>	1,723	4,292	3,689	4,114	4,816	5,850	2,982	2,583	3,313	4,122
<b>Acc. Receivable</b>	8,061	8,582	5,509	4,105	5,687	6,784	6,984	8,058	4,807	9,968
<b>Inventories</b>	5,973	5,758	6,623	5,898	5,709	6,384	6,532	7,013	6,038	6,265
<b>Goodwill &amp; Int.</b>	213	---	154	156	148	142	567	543	508	478
<b>Total Liabilities</b>	26,382	27,314	24,306	22,873	25,319	27,258	27,424	31,328	32,132	38,071
<b>Accounts Payable</b>	9,348	9,931	6,760	4,907	6,357	8,348	8,594	10,205	6,082	12,495
<b>Long-Term Debt</b>	7,049	6,564	6,386	7,335	8,001	8,872	9,109	9,672	13,013	11,950
<b>Total Equity</b>	18,032	19,460	20,677	20,527	20,024	21,991	21,667	21,803	18,801	18,430
<b>D/E Ratio</b>	0.39	0.34	0.31	0.36	0.40	0.40	0.42	0.44	0.69	0.65

## Profitability & Per Share Metrics

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<b>Return on Assets</b>	4.8%	5.9%	7.8%	8.9%	5.1%	8.4%	6.2%	4.7%	-2.7%	1.7%
<b>Return on Equity</b>	12.1%	14.5%	18.1%	19.4%	11.3%	19.4%	14.3%	11.1%	-7.0%	5.0%
<b>ROIC</b>	8.4%	10.5%	13.4%	14.2%	8.0%	13.4%	9.8%	7.6%	-4.4%	2.9%
<b>Shares Out.</b>	556	548	530	500	464	444	422	410	407	408
<b>Revenue/Share</b>	248.91	251.96	246.88	175.61	163.06	211.67	273.44	261.65	159.49	280.04
<b>FCF/Share</b>	4.21	6.28	3.94	7.99	7.63	9.24	6.12	9.09	-1.45	10.57

Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.

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