

INDUSTRY ECONOMICS

After setting new records for production and exports in 2024, the U.S. ethanol industry eclipsed those marks in 2025 and pushed further into record territory. Annual ethanol production reached **16.4 billion gallons**, an increase of **nearly 200 million gallons** over 2024. On a weekly basis, the industry hit record output levels in June and again in the fall, proving the ability to produce **well over 17 billion** gallons.

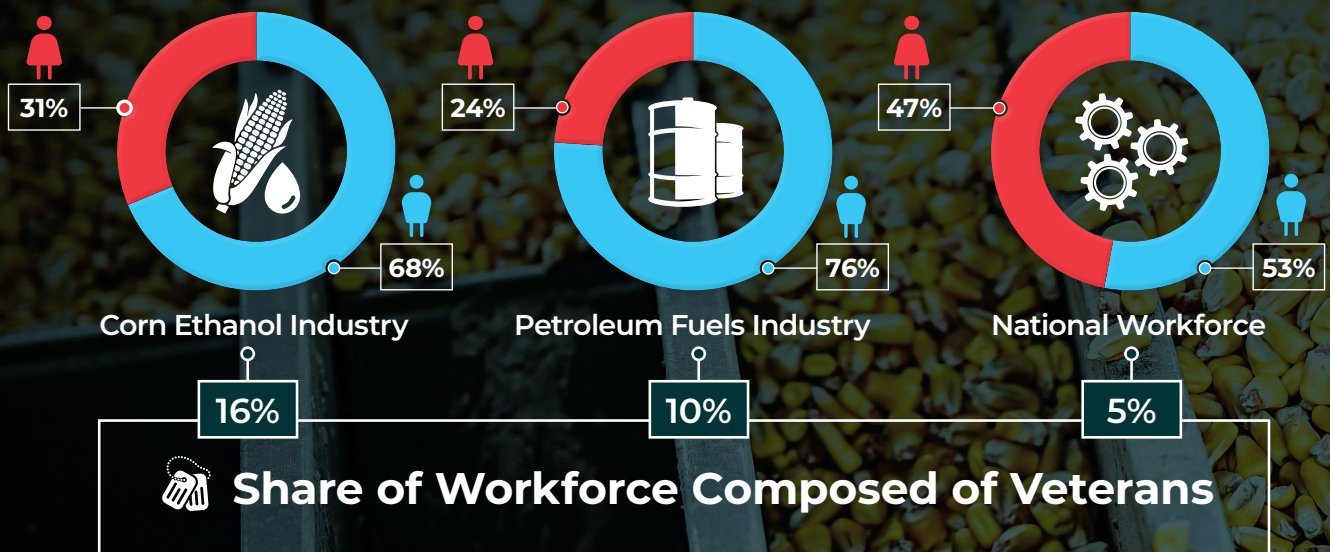
The demand growth that supported this output expansion occurred primarily in the export market. After setting a record in 2024, shipments to foreign destinations increased an additional **200 million**

gallons in 2025 to a new high-water mark of **2.2 billion** gallons. Meanwhile, domestic ethanol consumption was relatively stable, as a higher ethanol blend rate (i.e., the average ethanol content in gasoline) offset lower gasoline consumption.

Ethanol remained competitive in domestic and international fuel markets, as production costs increased only incrementally from the lows of 2024. Corn prices remained subdued, as the U.S. harvested a crop that was **more than a billion** bushels larger than the previous high-water mark.

Although conditions remained challenging for corn growers, record levels of ethanol production and corn exports provided badly needed outlets for large grain supplies. Approximately **5.5 billion** bushels of corn worth **\$24 billion** were processed into ethanol.

WORKFORCE DEMOGRAPHICS



Source: U.S. Department of Energy data

The ethanol industry's contribution to the U.S. economy **increased moderately** from 2024, given rising production and slightly higher prices for most ethanol-related commodities. The industry made substantial contributions to U.S. gross domestic product and household incomes and supported hundreds of thousands of jobs. Its impact was most pronounced in the agriculture sector, providing a vital source of demand in a year when crop growers faced margin pressure and evolving trade policy.

The industry is a natural fit for workers passionate about a strong agriculture sector and in bolstering America's energy security. In fact, veterans account for 16 percent of the ethanol workforce, a higher share than in any other segment of the U.S. energy sector—notably, 60 percent above the petroleum industry—and more than three times the national workforce average.

Moreover, the industry's economic impact can continue to grow. According to an analysis conducted by RFA jointly with the National Corn Growers Association, if E15 were fully adopted in the United States on a nationwide, year-round basis, it would generate an additional \$25.8 billion in GDP and \$10.3 billion in incomes, while supporting an additional 128,000 full-time equivalent jobs.

ETHANOL AND THE 2025 ECONOMY



79,228

Direct Jobs



237,292

Indirect/Induced Jobs



\$28.3 Billion

Household Income



\$50.4 Billion

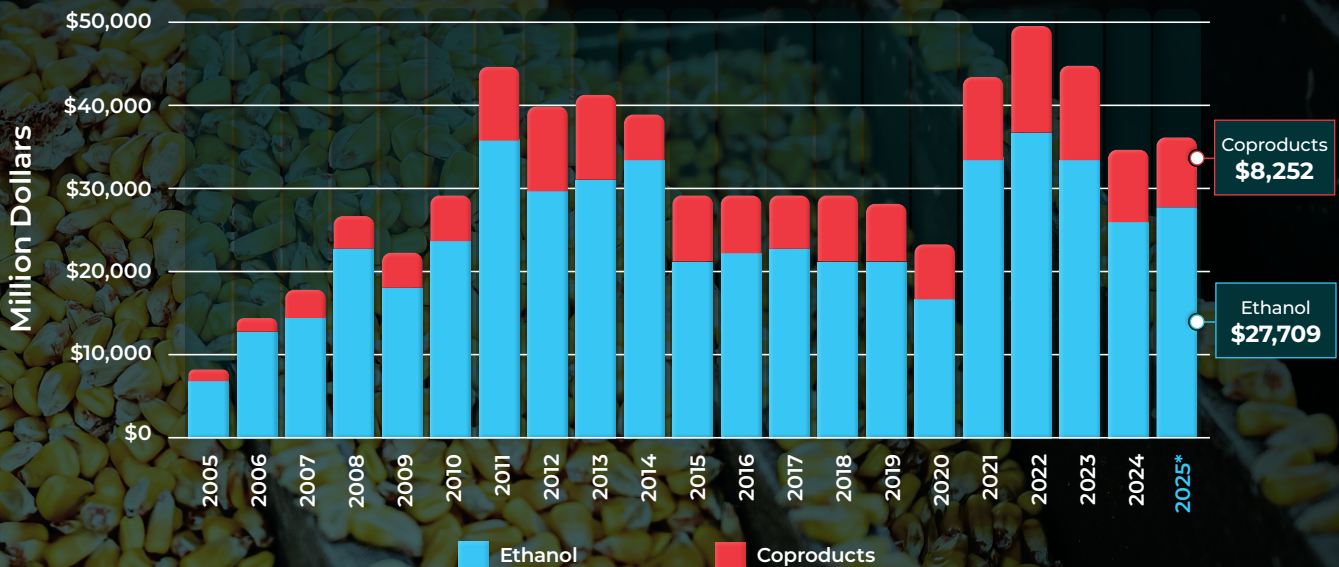
GDP Contribution



\$9.0 Billion

Tax Revenues

GROSS VALUE OF U.S. ETHANOL INDUSTRY OUTPUT



Source: U.S. Department of Energy *Forecast