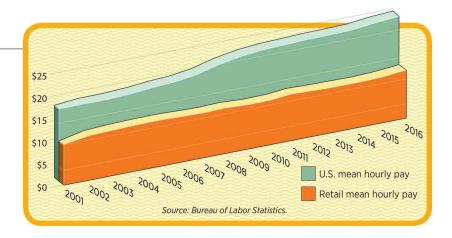




## CHEAP LABOR HAS BECOME A WAY OF LIFE

About 4.5 million people in the U.S. work as retail salespersons. It's a tough way to make a living. These workers earn about 55% of the average U.S. wage. And it's been getting worse: In 2001, that figure was 62%. These are already lousy jobs. Given the decent employment market, struggling retailers won't make up shortfalls by cutting wages.

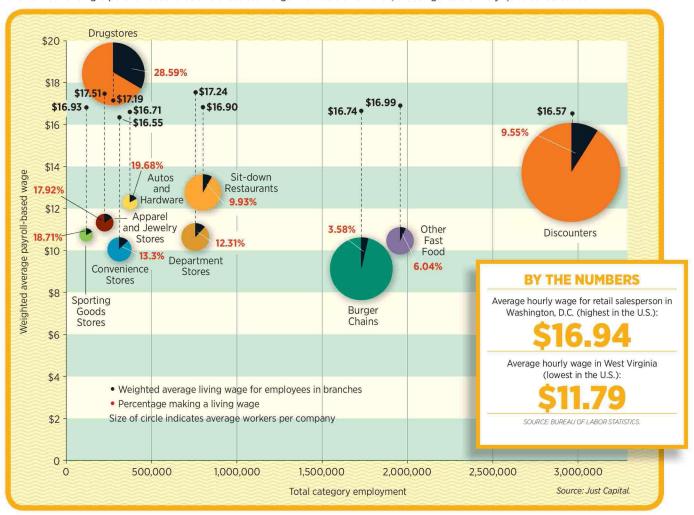


### MANY RETAILERS NOW PAY BELOW A LIVING WAGE

MIT economist Amy Glasmeier has modeled the earnings that different-size families would need to pay for food, housing, transportation, clothing and personal effects on their own, without government help. Her "living wage" model doesn't include vacations, savings or other nonessentials.

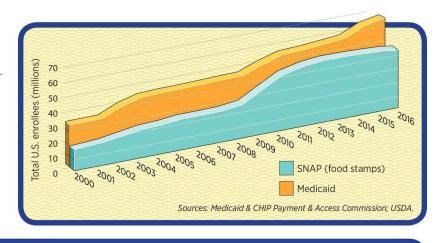
Drawing on salary data from Glassdoor, analysts at New York-based Just Capital tested the degree to which typical pay for different retail sectors compares with Glasmeier's norms. They found that between 71% and 96% of the time, depending on the sector, retail workers failed to earn a living wage on average.

The examples below all assume a family of three, with one adult working full-time, another working part-time and a child to support. Given the number of single-parent households and those with larger numbers of children, these figures are likely guite conservative.



### FAST-GROWING GOVERNMENT AID FILLS THE GAP...

Since 2000, the U.S. population has grown about 15%, but the number of people receiving food stamps (formally known as the Supplemental Nutrition Assistance Program) has climbed 157%. Medicaid enrollment has doubled. Just Capital estimates that the retail industry gets the equivalent of a multibillion-dollar annual subsidy from the federal government because of the income-boosting effects of SNAP, Medicaid and other programs on retail employees' finances.



### BY THE NUMBERS

Current minimum wage in the District of Columbia, highest in the

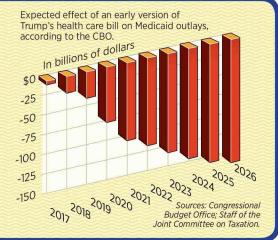
\$11.50

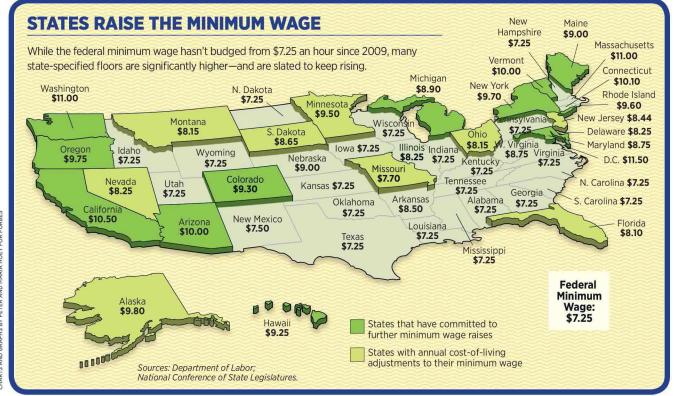
Legislated minimum wage in California for 2022:

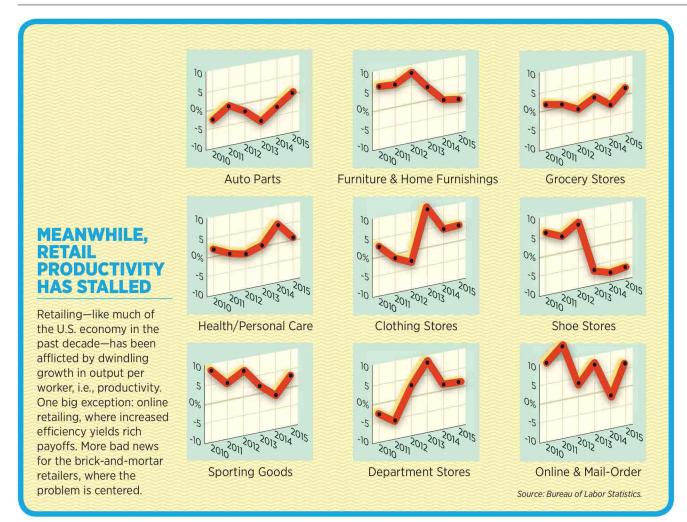
\$15.00

### BUT GOVERNMENT LARGESSE IS IN DOUBT

In April, Agriculture secretary
Sonny Perdue told senators he
wants to see SNAP's food stamps
administered "more efficiently and
effectively." It's anyone's guess
how Congress and the Trump
administration will ultimately
resolve health care debates, but
Medicaid cuts are an important part
of many reform proposals.

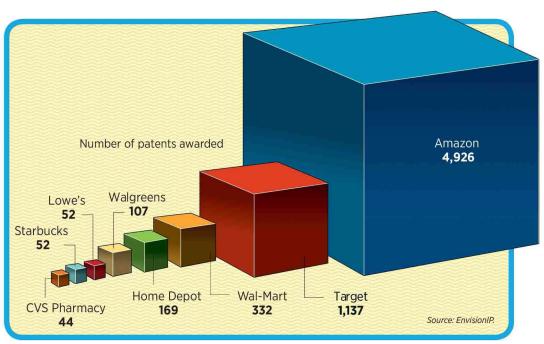






# THERE'S LITTLE INNOVATION OUTSIDE OF AMAZON

Retailers file patents so rarely that the U.S. Patent Office doesn't even publicly track them as a distinct industry. The big exception is Amazon, the onlineretailing pioneer, which has won nearly 5,000 patents since its founding in 1994. Its inventions cover everything from organizing search-engine results to ensuring that warehouse robots don't bump into human workers.



### BY THE NUMBERS

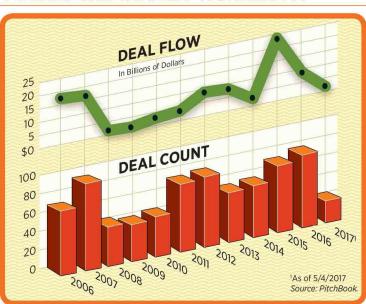
The face value of "distressed" bonds-with credit ratings of triple-C or below-issued by retail and apparel companies, according to Moody's Investors Service:

The number of retail and apparel companies that have issued such bonds. The total is the highest since the recession year of 2009:

An inability to pay distressed retail bond debt could trigger restructurings or default. The amount of distressed retail bond debt obligated to be repaid by year-end 2018:

### PRIVATE EQUITY DEALS CREATE DEBT WORRIES . . .

PetSmart. Neiman Marcus. J. Crew. These retailers and many others have gone private or recapitalized via private equity deals, taking on extra debt in the process. When operating results are strong, debt gets paid down and investors win. But the current climate, in conjunction with the previous lack of investment in innovation, threatens to push numerous retailers into a debtdriven death spiral.



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CHAPTER 11

### **LEADING TO A SURGE IN CHAPTER 11 AND CLOSINGS**

At least 12 retailers have announced sizable store-closing plans since the start of 2017. As of May 5, 19 retailers have sought Chapter 11 bankruptcy protection from

