



THE INTERLINK ECONOMIC INFORMER

ISSUES AFFECTING THE LABOR MARKET

North Central Texas InterLink, Inc.

U.S. Debt Clock: <http://www.usdebtclock.org/index.html>

America's Fastest Computer Just Got Beat. Again.

The United States has many powerful supercomputers, but since 2013 none of them have been the fastest in the world. As of 2016, the United States also doesn't have the second-fastest supercomputer in the world. And as of today, the U.S. doesn't even have the third-fastest supercomputer in the world. That honor now belongs to Switzerland.

Over the past year, the Swiss National Supercomputing Centre's "Piz Daint" supercomputer has been receiving an upgrade that more than tripled its speed, which moved it from number 8 on the TOP500 list of top supercomputers all the way to number 3. The upgrade increased its speed to around 20 petaflops, slightly faster than the 17 petaflops that the U.S. Titan supercomputer is capable of.



Photo: CSCS

This is still nowhere near fast enough to beat out the two Chinese supercomputers that top the list. The Tianhe-2 computer reaches 33 petaflops, while the Sunway TaihuLight computer, which took the top spot in 2016, reaches a whopping 93 petaflops.

This is the first time since 1996 that a U.S. supercomputer has not made it into the top three spots on the TOP500, likely reflecting the lack of development in supercomputer technology. But that might be about to change. The Department of Energy just awarded over \$250 million in grants to a number of companies to help develop next-generation supercomputer tech, so perhaps the U.S. can reclaim those top spots in the next few years.

Source: <http://spectrum.ieee.org/tech-talk/computing/hardware/us-slips-in-new-tops-500-supercomputer-ranking>

Arlington is releasing a new autonomous shuttle service to help its citizens get around. The shuttles, called "Milo," representing mile zero, the point



where guests arrive at their destination – is part of a year-long transportation pilot program. first demonstrated earlier this year after Arlington was selected as an official test site. The shuttles are red, self-driving, electric vehicles from French based company Navya. There will be a total of two shuttles, and there will always be a certified operator on board. The shuttles will run

along a route that connects AT&T Stadium and Globe Life Park. They will operate about one hour before and one hour after all games, concerts, and other large events. About 12 people will be able to fit on the shuttle, and it will go around 10-12 mph. The start date of the shuttle service begins August 26th, just in time for the first Cowboys home game.

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Industry	July 2017	Month Change	Annual Change	Annual % Change
Total Nonagricultural	12,326,300	19,600	293,400	2.4
Private	10,368,000	20,500	266,000	2.6
Goods-Producing	1,829,000	4,100	66,400	3.8
Mining & Logging	242,000	2,100	26,200	12.1
Construction	713,000	-900	10,400	1.5
Manufacturing	874,000	2,900	29,800	3.5
Service-Providing	10,497,300	15,500	227,000	2.2
Trade, Transportation & Utilities	2,442,000	3,000	17,500	0.7
Information	192,800	-1,200	-9,400	-4.6
Financial Activities	759,100	5,200	26,100	3.6
Professional & Business Services	1,683,300	5,000	51,800	3.2
Education & Health Services	1,687,200	-1,100	50,600	3.1
Leisure & Hospitality	1,327,600	7,000	37,300	2.9
Other Services	447,000	-1,500	25,700	6.1
Government	1,958,300	-900	27,400	1.4

Source Texas Labor Market Review

JULY 2017 EMPLOYMENT

Not Seasonally Adjusted	Civilian Labor Force	Employed	Unemployed	Rate
US	161,911,000	154,470,000	7,441,000	4.6%
TX	13,433,400	12,849,500	584,000	4.3%
D/FW Region	3,838,144	3,694,370	144,774	3.8%

Source: Texas Workforce Commission

U.S. ECONOMIC NUMBERS

Long Term Unemployed (27+ wks) % of unemployed 24.2%	Jul '17	1,802,000
Consumer Price Index	Jul '17	+0.1%
Payroll Employment	Jul '17	+209,000 (p)
Average Hourly Earnings	Jul '17	+\$0.05 (p)
Producer Price Index	Jul '17	-0.1% (p)
Employment Cost Index	2nd Qtr '17	+0.5%
Productivity	2nd Qtr '17	+1.3%
U.S. Import Price Index	Jul '17	+0.1%
U.S. Export Price Index	Jul '17	+0.42%

(p) preliminary; (c) corrected

Source: U. S. Department of Labor. Information is the latest available at printing time.