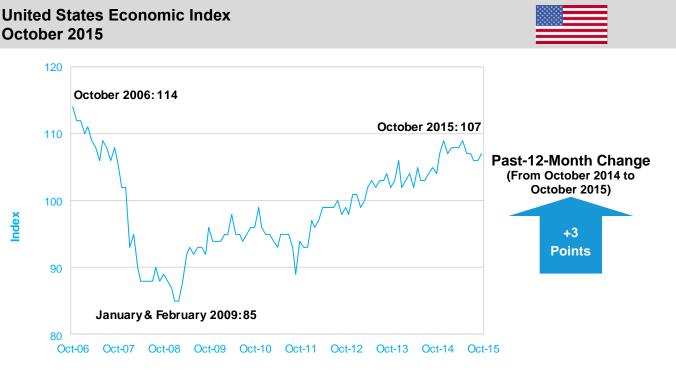
U.S. Economy Facing Increased Risks of Recession, According to Decision Analyst's Economic Index

Arlington, Texas—The Decision Analyst U.S. Economic Index registered **107 in October 2015**, a 1-point increase from September 2015. Over the past few months the U.S. Economic Index has trended downward, suggesting that the risk of a recession is growing. The Economic Index tends to lead U.S. economic activity by 6 to 12 months. Below is the past-10-year history of the U.S. Economic Index.



Month

"The U.S. economy continues to muddle along, and the U.S. Economic Index forecasts more of the same slow growth in coming months. One of the fundamental problems in the U.S. economy is the stagnation of median household incomes since the year 2000. A majority of U.S. households are earning less in real dollars than they were 15 years ago, and this is creating a *demand deficit*. The mass retailers, such as Walmart and Target, are finding it extremely difficult to grow nominal sales (actual sales in current dollars). A declining share of U.S. adults are participants in the workforce, another factor reducing average household incomes," said Jerry W. Thomas, President/CEO of Decision Analyst. "The U.S. appears to be locked in a pattern of slow to no growth. Weaknesses in the European Union's economy and the Chinese economy add more



Cristi Allen, Publicity, callen@decisionanalyst.com 604 Avenue H East, Arlington, Texas 76011-3100 Phone: 1-817-640-6166 • www.decisionanalyst.com uncertainty to future economic prospects. China, in particular, is a major risk factor, since its great real estate and construction bubble is coming to a close. An extended period of economic stagnation looms ahead for the world economy and the U.S.," said Thomas.

Global Indices

The following table compares Decision Analyst's U.S. Economic Index to its Economic Indices for other countries.

In Europe, the UK has regained its footing, with an increase of 6 points from 103 in October 2014 to 109 in October 2015. In South America, Argentina is the only bright spot; its Economic Index increased 8 points in the past 12 months, increasing from 82 in October 2014 to 90 in October 2015. Meanwhile, Brazil's economy is collapsing; it declined 22 points from an Index of 110 in October 2014 to 88 in October 2015.

Decision Analyst Global Economic Indices October 2015			
North America		October 2015 Index	Past-12-Month Change (From October 2014 to October 2015)
	United States	107	↑ +3
*	Canada	89	↓ -7
٠	Mexico*	91	↓ -4
South America			
•	Argentina*	90	+ +8
	Brazil*	88	↓ -22
*	Chile*	95	↓ -8
	Colombia*	105	↓ -4
۲	Peru*	103	⊎ -9
Europe			
	France	88	↓ -1
	Germany	104	↑ +3
	Italy	95	↑ +10
	Russian Federation*	91	↓ -9
· · · · · · · · · · · · · · · · · · ·	Spain*	96	↑ +5
	United Kingdom	109	↑ +6
Australia/Asia			
*	Australia*	94	→ +/-0
۲	India*	121	↓ -6

* The Index numbers for Argentina, Australia, Brazil, Chile, Colombia, India, Mexico, Peru, the Russian Federation, and Spain are 3-month moving averages to smooth out month-to-month fluctuations. The reported Index number averages the current month with the previous 2 months.

Census Divisions

In the past 12 months the West North Central Division has gained the most of all the U.S. Census Divisions, increasing 6 points from 103 in October 2014 to **109 in October 2015**. The East North Central Census Division is the only division to decline in the past 12 months, decreasing from 106 in October 2014 to **105 in October 2015**. **2015**.

October 2015* Past-12-Month Pacific Mountain West North Middle Fast New 106 109 Central North Central Atlantic England Change 109 105 105 106 (From Oct. 2014 to NH WA Oct. 2015) ME ND ΜТ → +/-0 OR New England MA MN RI WI SD ID CT MI Middle Atlantic +5 WY IA NF OH NV J IN -1 IL East North Central MD DE UT co CA DC KS MO VA KY +6 West North Central NC TN AZ NM OK +4South Atlantic SC AR AL GA MS +1 East South Central HI AK FL +/-0 West South Central +3 Mountain South West East South Central Atlantic South Central +2 106 99 109 Pacific

The Index numbers for the Census Divisions are 3-month moving averages to smooth out fluctuations due to smaller sample sizes. The reported Index number averages the current month with the previous 2 months.

Methodology

The Decision Analyst Economic Index is based on a monthly online survey of several thousand households balanced by gender, age, and geography. The scientific survey is conducted in the last 10 days of each month. The Economic Index is calculated from 9 different economic measurements using a sophisticated econometric model. The result is a snapshot of coming economic activity in each country surveyed, as seen through the eyes of representative consumers living in the respective countries.

Decision Analyst conducts its concurrent economic surveys each month in Argentina, Australia, Brazil, Canada, Chile, Colombia, France, Germany, India, Italy, Mexico, Peru, the Russian Federation, Spain, United Kingdom, and the United States. Whenever the Decision Analyst Economic Index is greater than 110, it tends to signal an expanding economy. An Index value of 90 to 110 suggests a no-growth or slow-growth economy, and near or below 90 generally indicates economic contraction. These guidelines vary by country, however.

About Decision Analyst

Decision Analyst (<u>www.decisionanalyst.com</u>) is a global research and analytical consulting firm specializing in strategy research, new product development, advertising testing, and advanced modeling for marketing decision optimization. For more than 35 years the firm has delivered competitive advantage to clients throughout the world in consumer packaged goods, high technology, retail, medical, automotive, and other industries.

United States Census Divisions Economic Index October 2015*