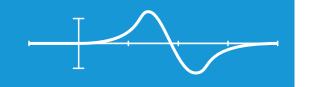
Decision Analyst Economic Index Global Economic Indices

August 2019



Arlington, Texas—The following chart compares the U.S. Economic Index to Decision Analyst's Economic Indices for other countries. In North America, Mexico increased 6 points in the past 12 months, while the United States declined 6 points. In South America, Peru and Argentina, each increased 5 points in the past 12 months, while Chile declined 6 points. In Europe, France declined 2 points in the past 12 months. The European and U.S. economies are increasingly at risk of recession. Some of the major countries tracked by Decision Analyst are shown below.

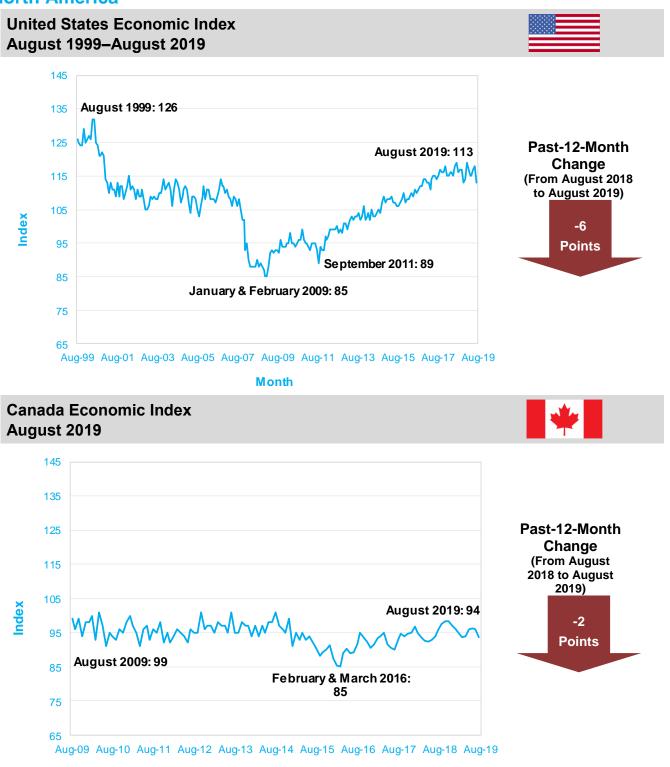
	O	Blobal Economic Indices August 2019	
North America		August 2019 Index	Past-12-Month Change (From August 2018 to August 2019)
	United States	113	₩ -6
*	Canada	94	Ψ -2
*	Mexico*	100	↑ +6
South A	merica		
•	Argentina*	79	↑ +5
	Brazil*	108	↑ +4
*	Chile*	91	Ψ -6
	Colombia*	98	Ψ -4
•	Peru*	105	↑ +5
Europe			
	France	88	Ψ -2
	Germany	107	→ +/-0
	Italy	98	Ψ -1
	Russian Federation*	97	→ +/-0
	Spain*	102	Ψ -1
Asia			
•	India*	123	↑ +1

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

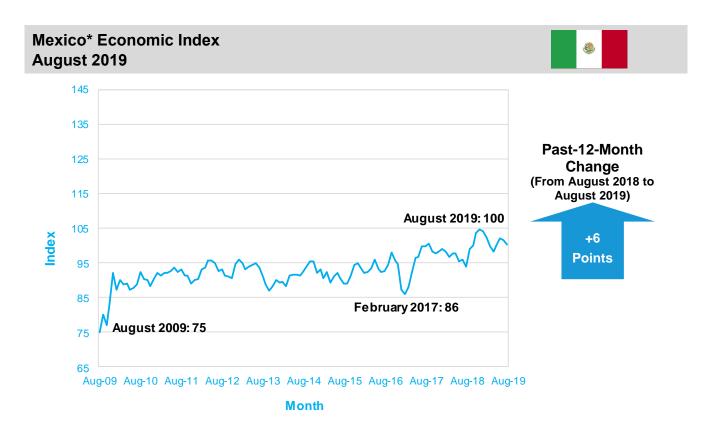


The Decision Analyst Economic Indices are based on monthly online surveys in the respective countries; these surveys provide inputs to Decision Analyst's econometric models that compute the Economic Indices for the different countries.

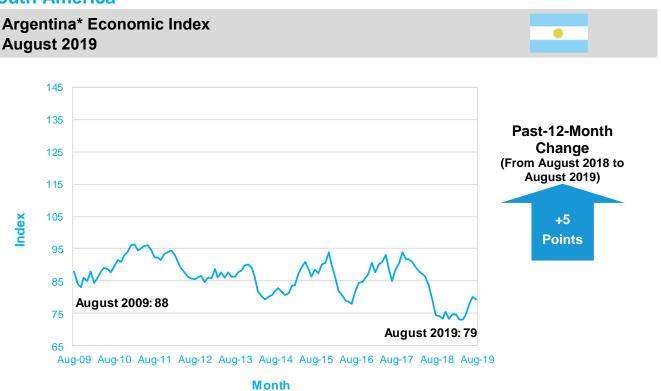
North America



Month

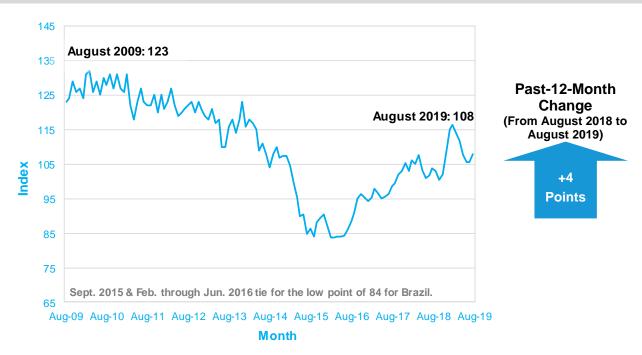


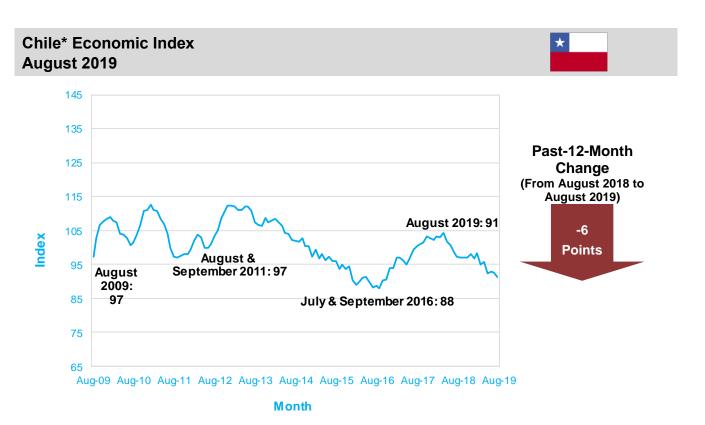
South America

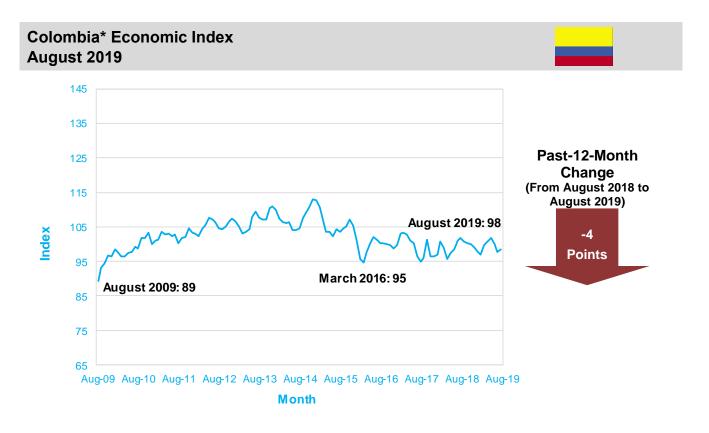


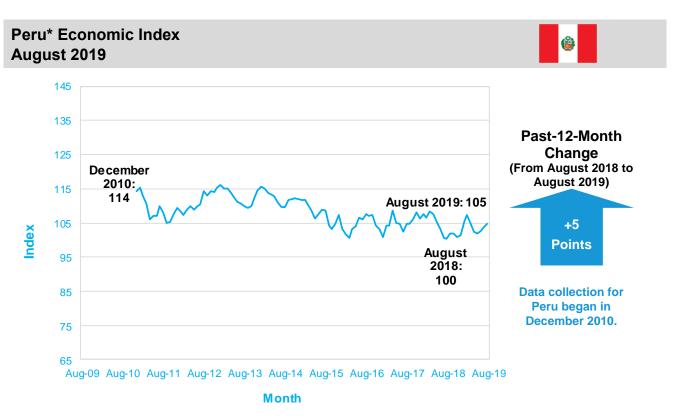
Brazil* Economic Index August 2019



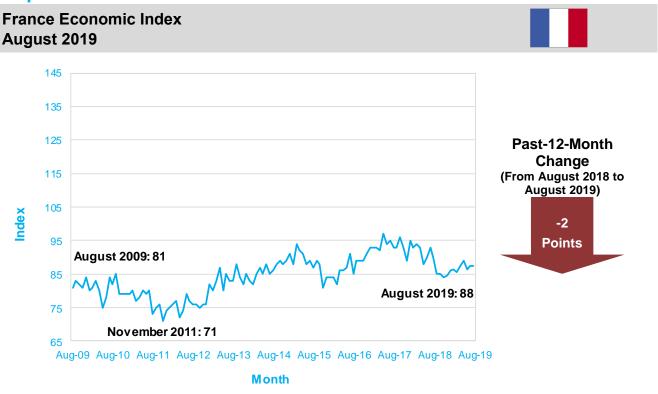




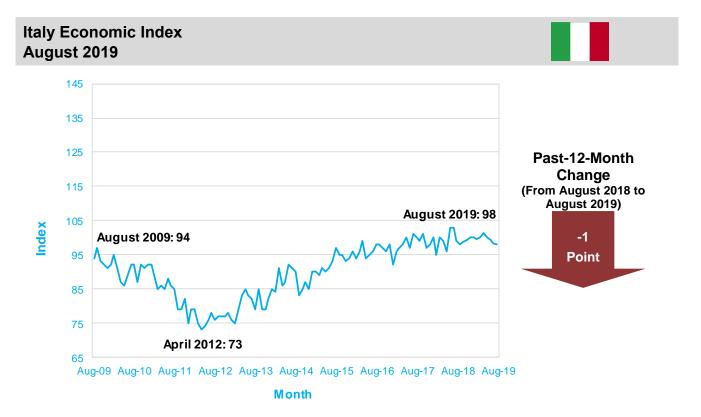


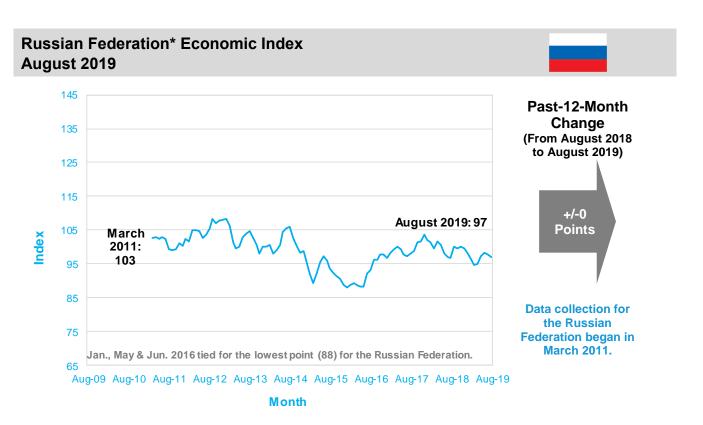


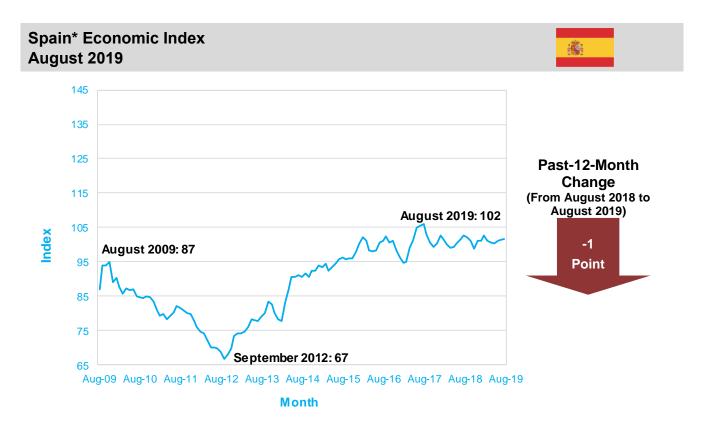
Europe



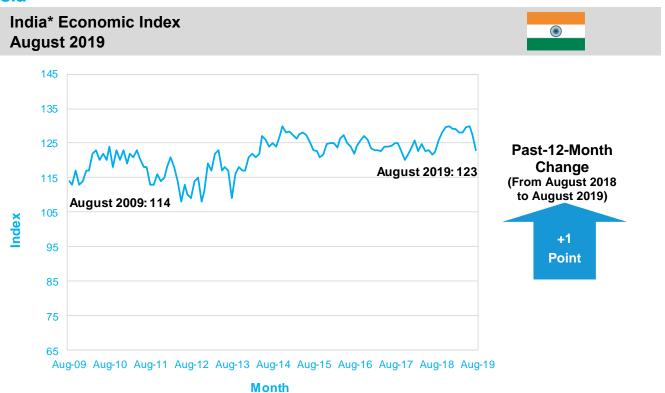








Asia



*Three-Month Moving Average

The Index numbers for Argentina, Brazil, Chile, Colombia, India, Mexico, Peru, the Russian Federation, and Spain are 3-month moving averages to smooth out month-to-month fluctuations. Each reported Index number averages the current month with the 2 previous months. Prior to July 2013, the Index numbers reported for Germany were a 3-month moving average. Starting in July 2013, the Index numbers reported for Germany are the actual monthly numbers.

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, Brazil, Canada, Chile, Colombia, France, Germany, India, Italy, Mexico, Peru, the Russian Federation, Spain, 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 (www.decisionanalyst.com) 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 40 years the firm has delivered competitive advantage to clients throughout the world in consumer packaged goods, high technology, retail, medical, automotive, and other industries.