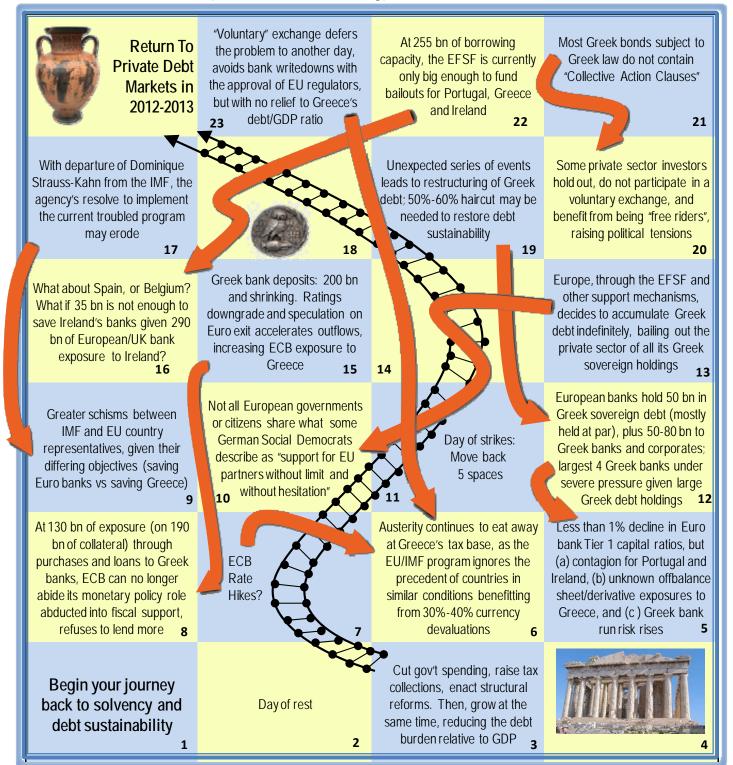
Eye on the Market May 10, 2011

J.P.Morgan

Snakes and Ladders. A year ago, Europe announced a framework for providing bridge loans to tide countries over until reform, austerity and renewed growth would allow them to come back to the capital markets in 2012. In the case of Greece, Ireland and Portugal, this does not appear to be working. If anything, as shown on page 2, austerity without an exchange rate adjustment is strangling Greece. As a result, we now enter a complex end-game best explained using a modified version of the ancient Indian board game "Snakes and Ladders", applied to Greece. The game is complex, since the IMF appears focused on saving Greece, while European policymakers appear mostly focused on saving European banks (see charts on page 3). Rumors this morning about another IMF-led package of an additional 30-60 billion Euros for Greece (perhaps collateralized by utility privatization proceeds) may push the problem out a year or so, but the game theory remains the same, since Greece is nowhere

Snakes and Ladders (Φιδάκια και Σκάλες)

all figures in Euros

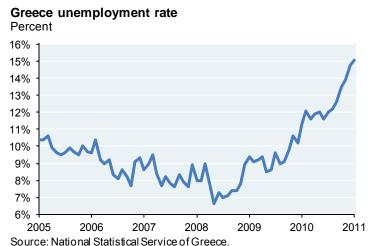


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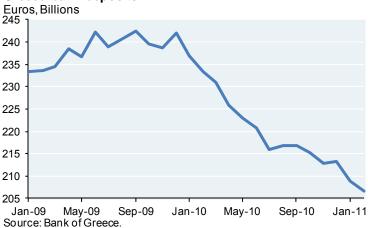
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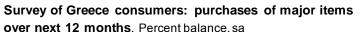
near a trajectory of economic sustainability. Biggest risks which could accelerate the end-game: political cohesion breaking down, or a run on Greek banks. When the European debt crisis first broke, I was informed by some European colleagues that "*Greece is not Argentina*". They were right, although not in the way intended: when comparing budget deficits, current account deficits and debt ratios to Argentina 2001, Greece 2009 was twice as bad [*note: Argentina received 70% debt forgiveness*]. While it rarely makes sense to accelerate recognition of losses during a financial crisis, the austerity quid pro quos for sustaining the illusion of solvency may be deepening social, economic and political problems in the periphery. Despite their cheapness relative to the US, we remain underweight European equities; we generally do not own peripheral European sovereign debt in our core bonds funds, despite their currently depressed prices; and are focused for now on acquiring distressed portfolios of corporate, commercial and residential real estate loans from over-leveraged European banks.

Status Report on Greek austerity program



Greece bank deposits



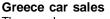




Jan-90 Jan-93 Jan-96 Jan-99 Jan-02 Jan-05 Jan-08 Jan-11 Source: European Commission.

Debt burden by issuer category 400% Greece Euro Greece US 350% 2010 Financials 2014F U.S Financials 300% **Debt to Revenue** Italv Ireland 250% Portugal Canada 200% EM Local 150% US Munis 100% U.K. Spain Germany France 50% 0% 0% 5% 10% 15% 20% 25% Interest Expense to Revenue

Source: J.P. Morgan Securities LLC, OECD, Eurostat, IMF. Japan's debt burden too high to be shown.

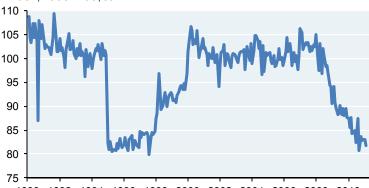




1980 1983 1986 1989 1992 1995 1998 2001 2004 2007 2010 Source: National Statistical Service of Greece, J.P. Morgan Securities LLC.

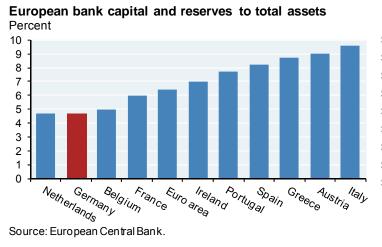
Greece Industrial Production

Index, 2005=100, sa

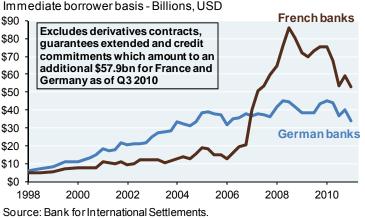


1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 Source: National Statistical Service of Greece, J.P. Morgan Securities LLC.

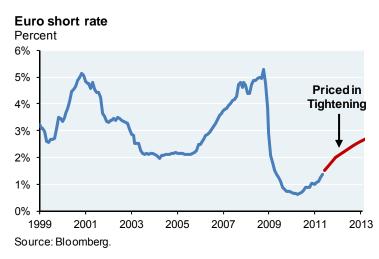
Two charts on European bank capitalization and exposure to Greece



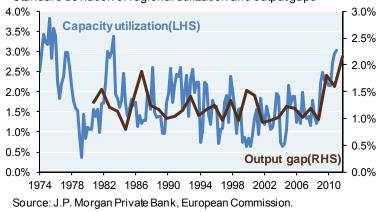
Bank claims on Greece



Will the ECB really raise interest rates when economic conditions are more divergent than they have been in decades?



Measure of European economic dispersion Standard deviation of regional utilization and output gaps



Michael Cembalest Chief Investment Officer

ECB = European Central Bank; EFSF = European Financial Stability Facility; IMF = International Monetary Fund; SA = Seasonally Adjusted

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