

# World Outlook – a Tale of D and E

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# Developed versus Emerging

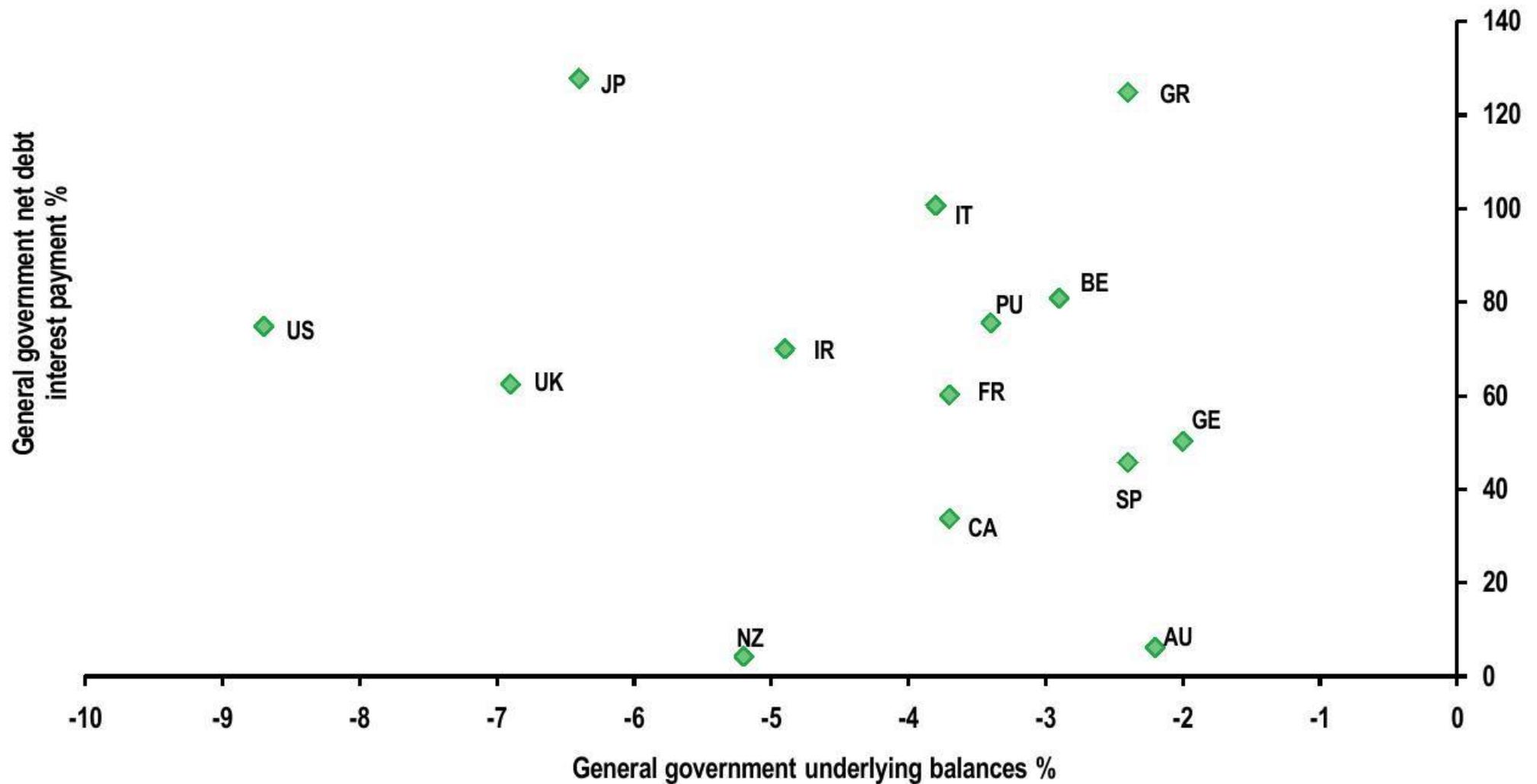
- Developed countries
  - Debt
  - Deleveraging
  - Deflation
  - (Political) Deadlock
- Emerging countries
  - Expansion
  - Empowerment
  - Excitement
  - Exuberance
- So - Who will lead the way?
  - Developed countries' problems could lead to a depression
  - Emerging countries' growth leads us to the Economic Super-cycle
  - It may take a little time, but our bet is on the Super-cycle

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D for debt, deleveraging, deflation and deadlock

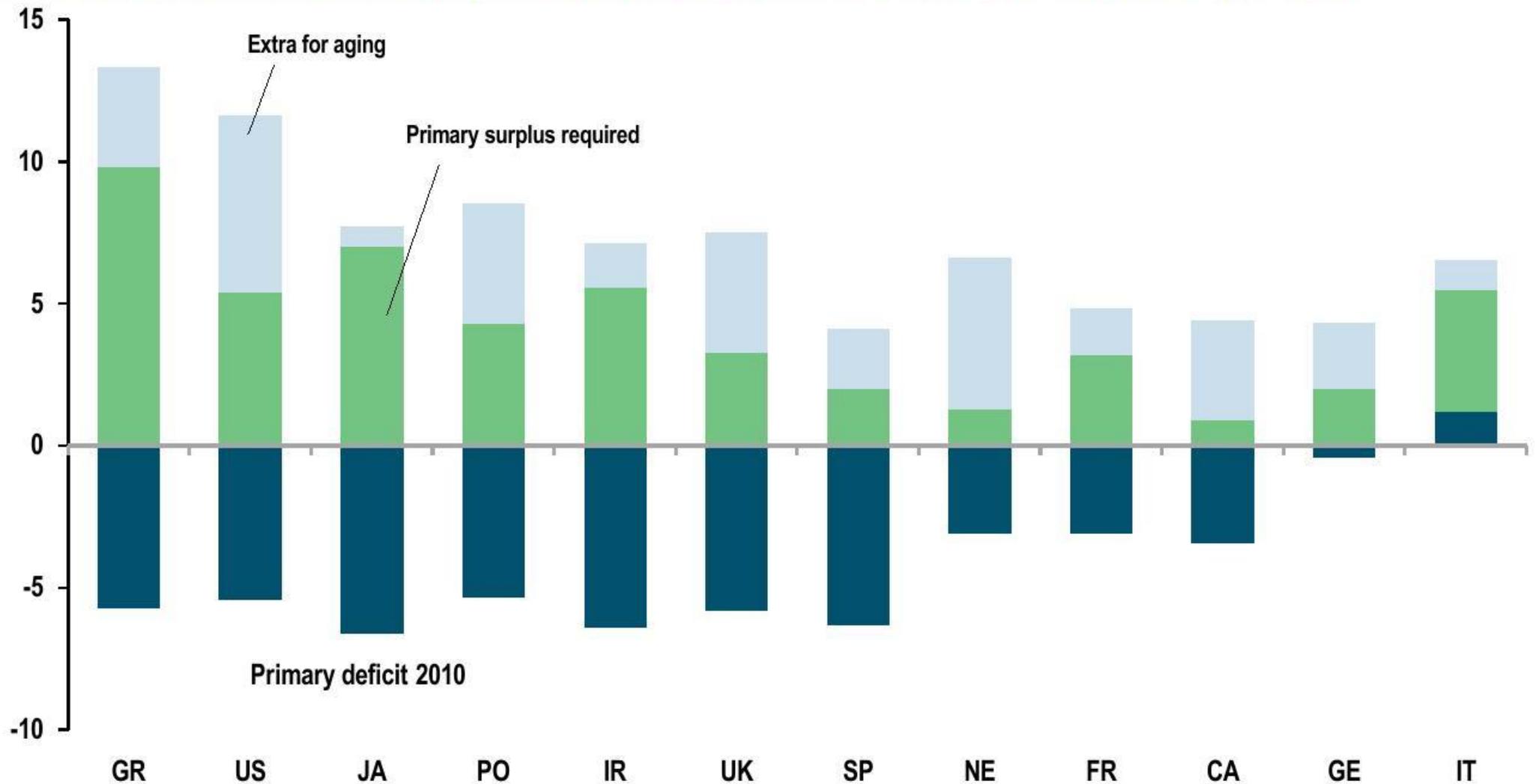
# Developed country debts and deficits

## Net debt/GDP versus OECD 'underlying balance' 2011 (adjusted for the cycle)



# Huge fiscal adjustments needed

The size of the block indicates the IMF's estimate of the improvement required in the underlying primary balance; i.e., before interest payments, to stabilise debt at 60% of GDP long-term (% of GDP)

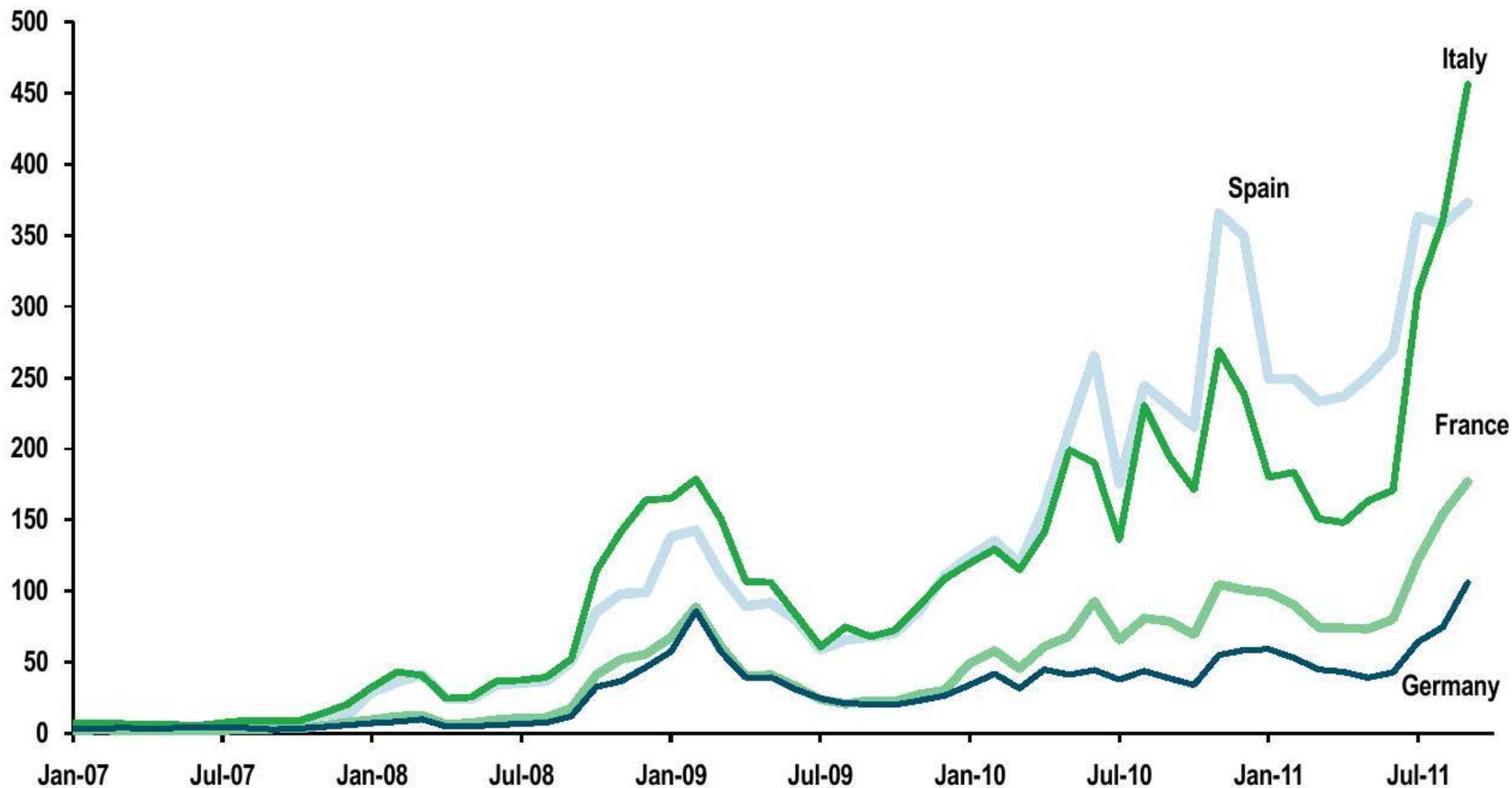


# The euro area has a sovereign, bank and political crisis

- Greece and Italy are key
  - Greece needs at least 50% forgiveness
  - Italy has slow growth, high debt and a weak government
  - Portugal is small, Ireland and Spain are adjusting fast
- Banks need help
  - Capital ratios are low and now threatened by losses
  - Long-term funding markets dead
  - Banks in problem countries depend on ECB funding but good collateral is limited
- The euro was always a political project, but how much is Germany prepared to risk?
  - Germany and ECB insist on keeping up the pressure on Greece and Italy
  - Greece and Italy struggling to reform
  - Europe not ready for full fiscal union - hence the muddling through

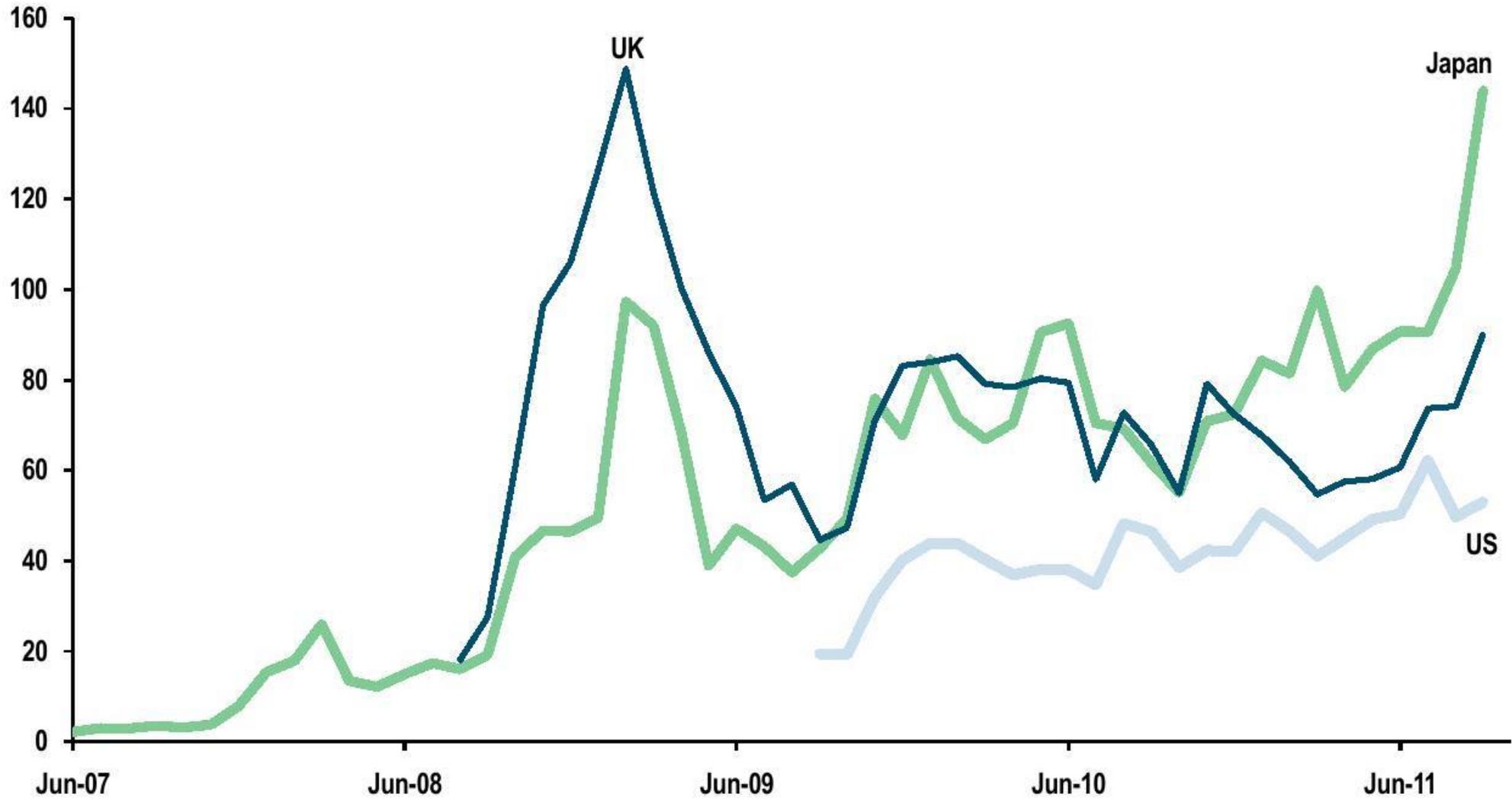
# Surging CDS spreads

CDS spreads in Europe have surged (*credit default swaps, USD senior 5Y*)



# Other countries rising too – Watch Japan

CDS has risen in other developed countries (CDS USD senior 5Y, EUR for United States)



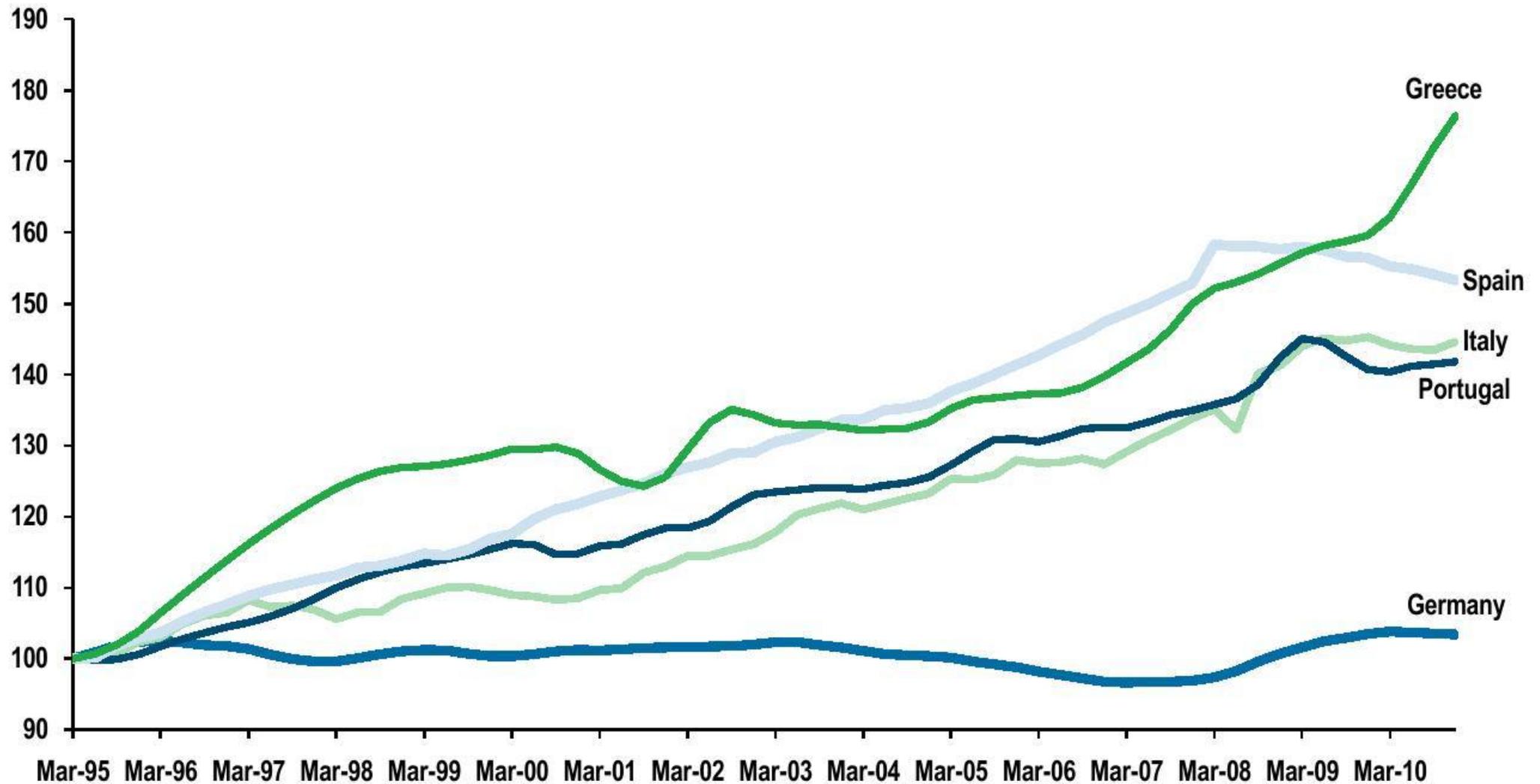
# What to look for in Europe as the new package unfolds

## There is no magic bullet, but major new measures are coming through

- Sovereigns
  - Greece adjustment stays on track, just
  - More reforms in Italy and Spain
- Banks
  - More capital probably from national governments, maybe the EFSF too
  - Guarantees, etc., to support long-term funding
- New money and/or commitment to help sovereigns
  - Leveraging of EFSF
  - New IMF facility or money?
  - ECB agrees to keep buying sovereign bonds?

# Weak sovereigns face a serious competitiveness problem

## Unit labour costs in the business sector

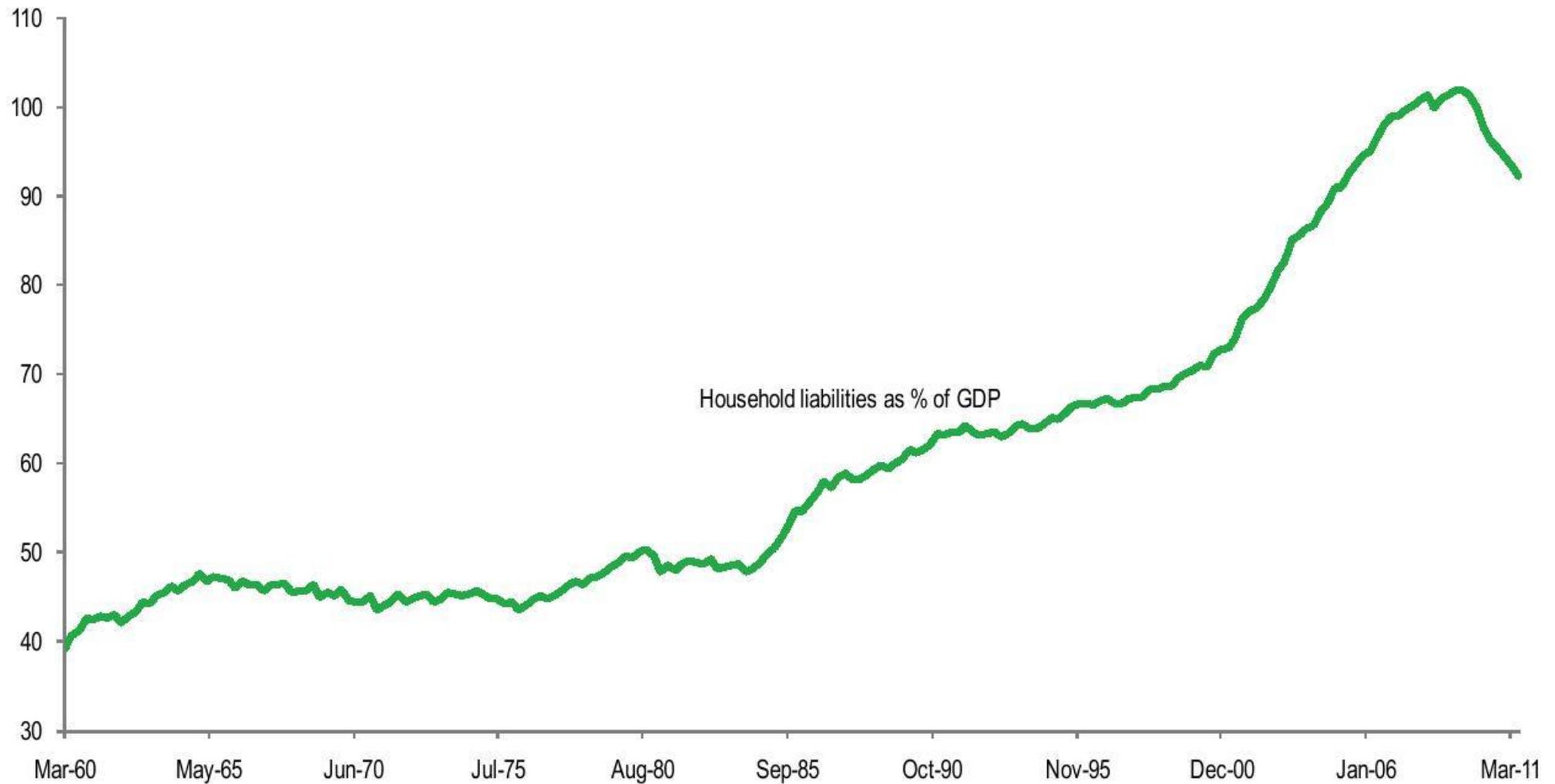


# Europe – Possible outcomes

- Muddling through
  - Banks get enough support to keep lending
  - Sovereign borrowing costs held down by EFSF and ECB
  - Sovereigns adjust enough – likely involving deflation
  - Major European recession avoided
  - Haircuts confined to Greece. Italy and Spain prove their solvency
- Weak countries exit euro
  - Germany and the core remain
  - Losses on Greek and other sovereign debt require massive new bank recapitalisation
  - The leavers devalue and eventually restore growth
  - European recession inevitable unless only Greece leaves – hard to achieve
  - Bank runs would put huge pressure on Portugal, Spain, Italy
  - New world recession probably inevitable too

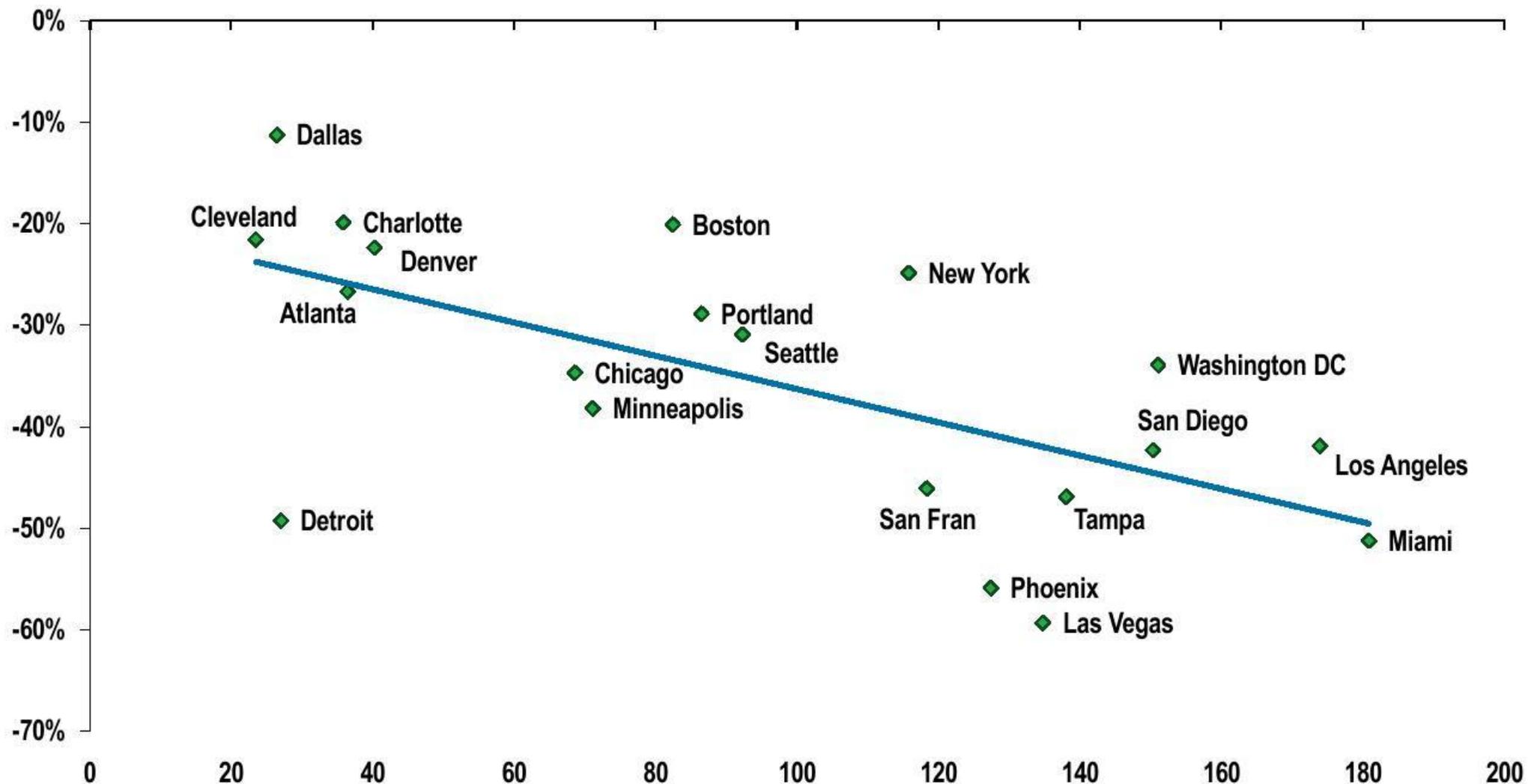
# Deleveraging – US households working down debt

The case for continued deleveraging is strong . . . And it may last for years to come



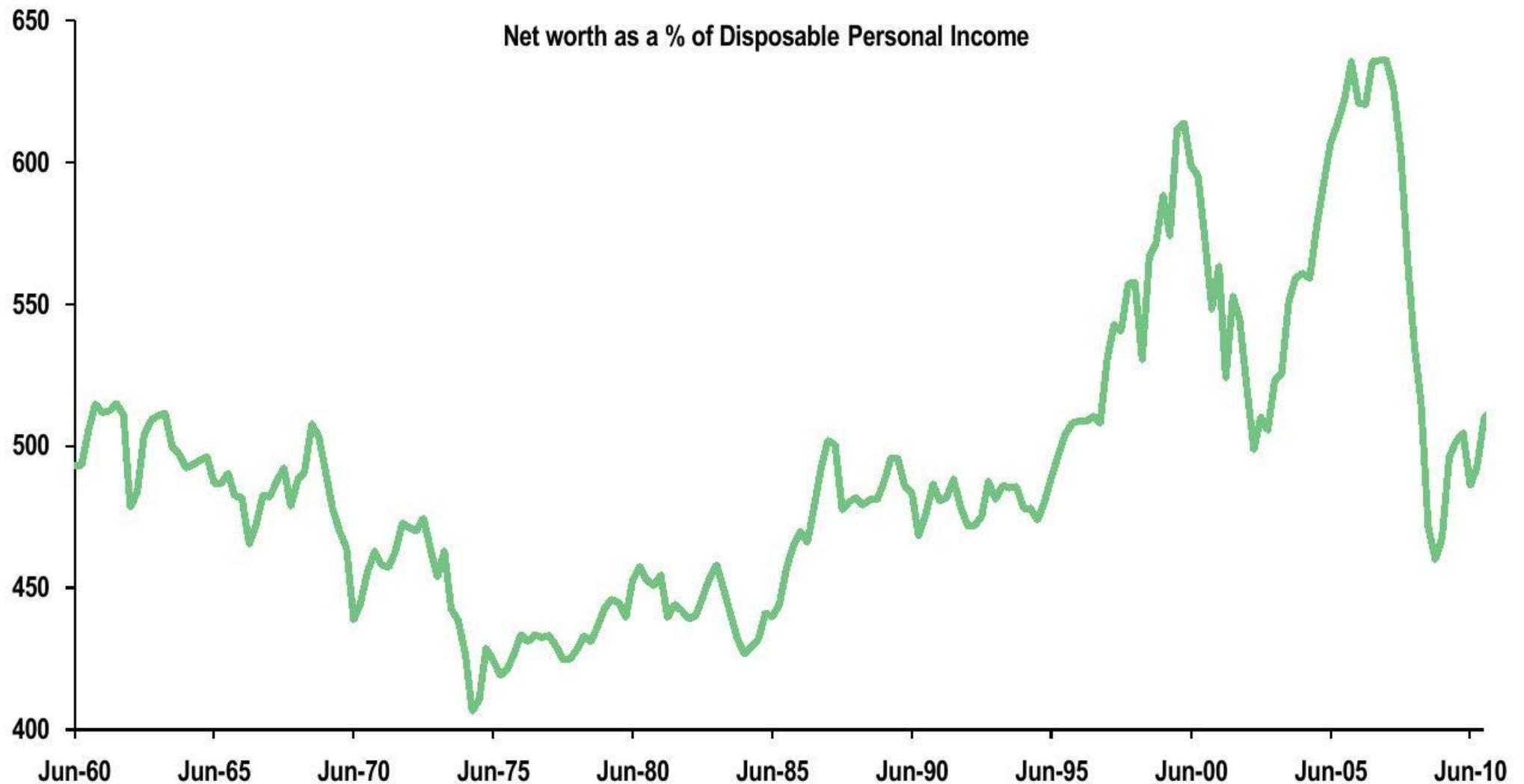
# US housing bubble – Price moves by city

X-axis is the peak in prices since 2000. Y is the maximum decline from the peak.



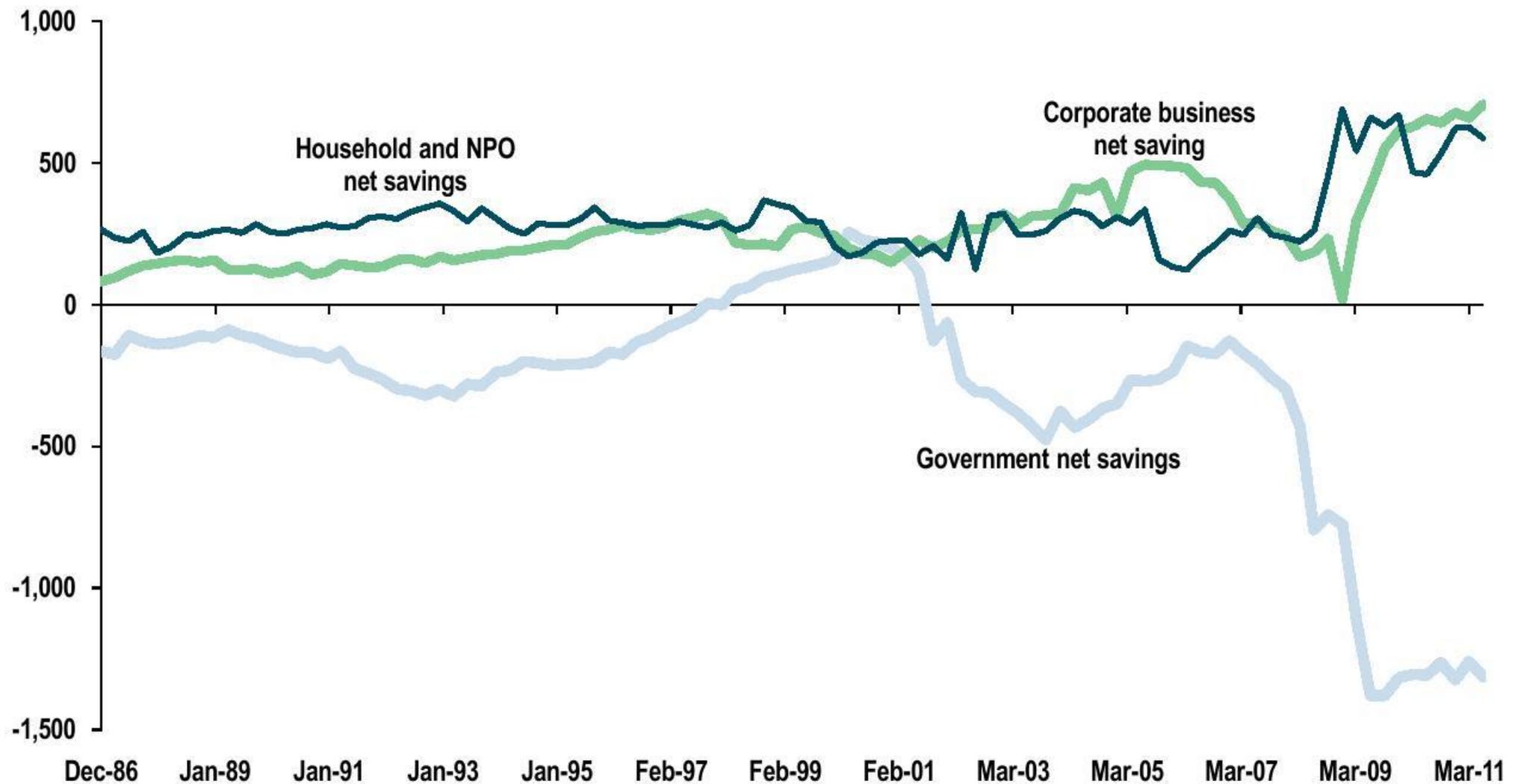
# US household wealth as % of disposable income

Overall wealth is back to more 'normal' long-term levels

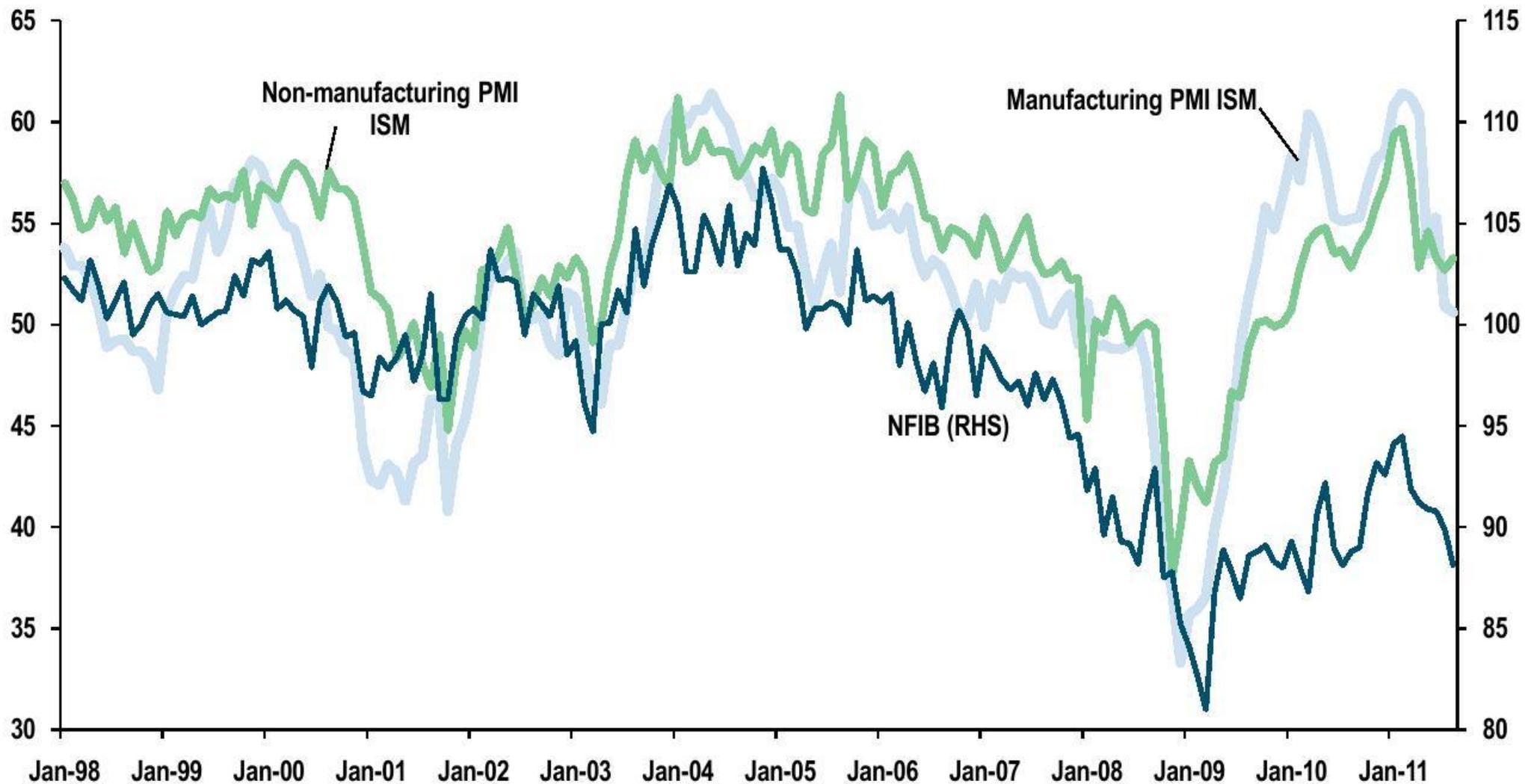


# US households and businesses are saving hard

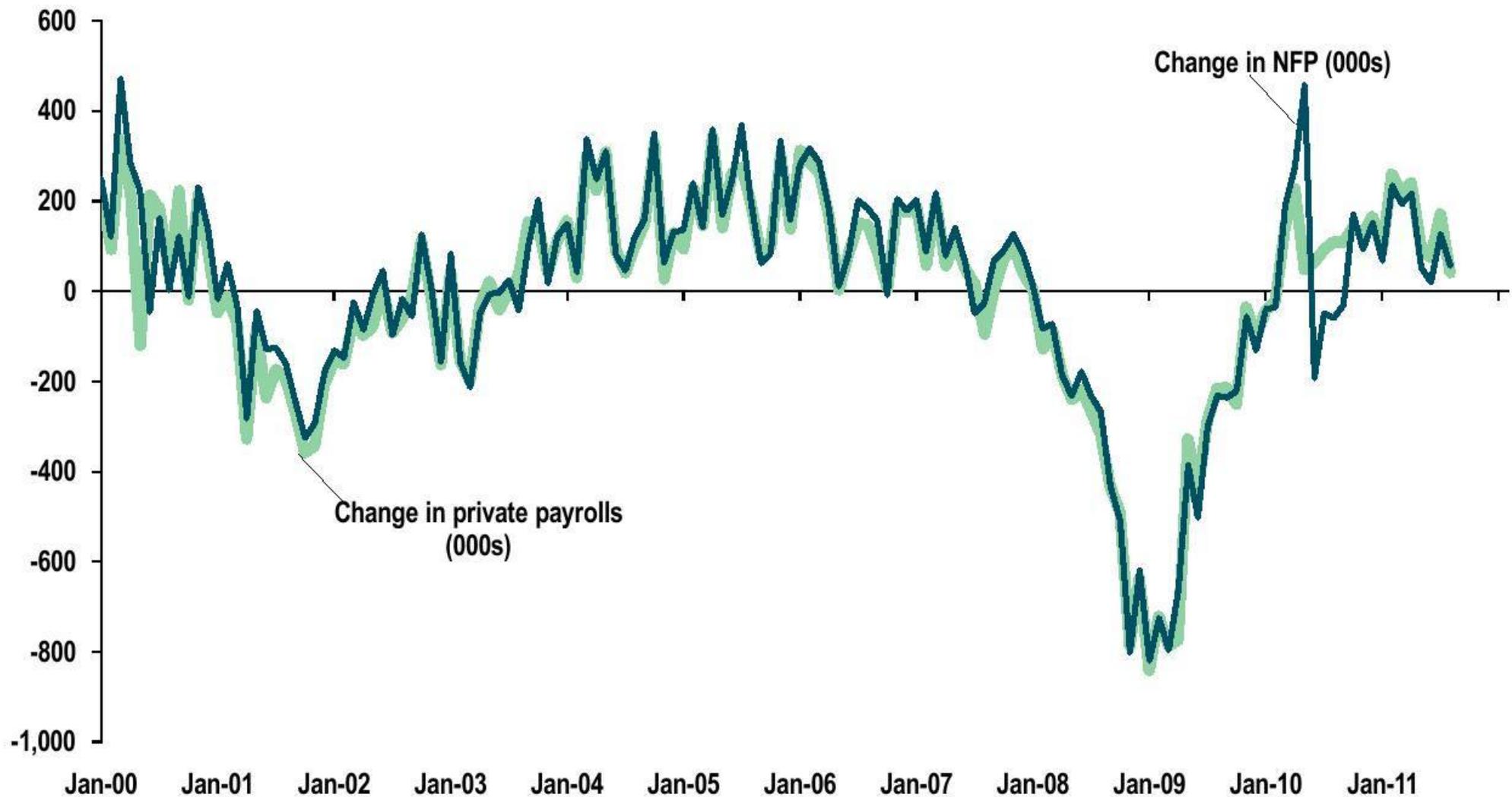
Corporate and personal savings are offset by government borrowing (USD bn)



# US large firms are still doing OK

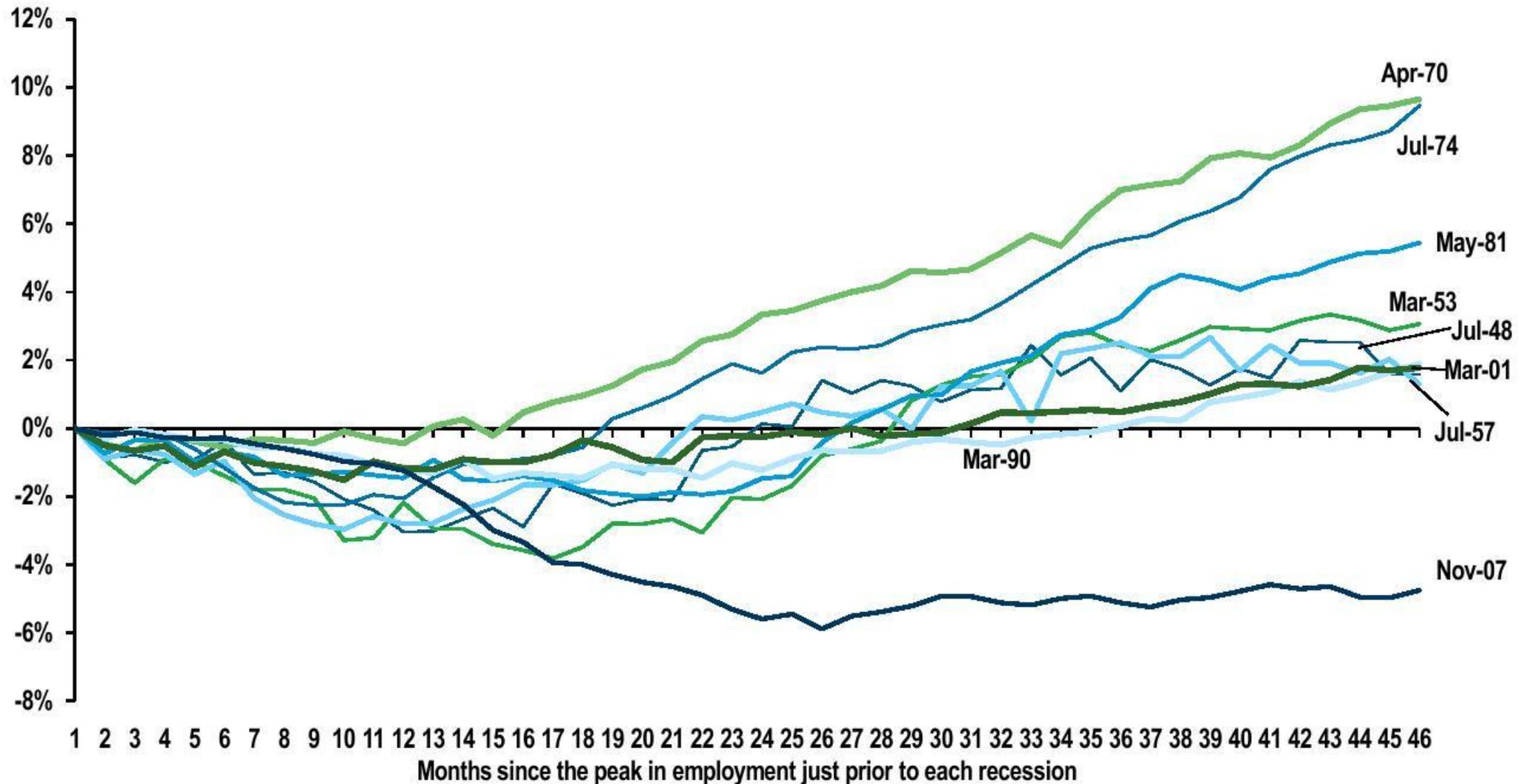


# US is not in recession (yet, at least) – Non-farm payrolls



# Employment change since peak, by recession

The most recent experience is by far the worst for job losses in post WWII history



# Political deadlock

## ■ Europe

- Largely about who will pay for the fiscal excesses in Greece and the credit busts in Spain and Ireland
- Continuing reform is a key concern

## ■ US

- Republicans resist all tax increases
- Democrats still have strong spending agenda (e.g., healthcare)
- Tea Party and “Occupy Wall Street” reflect distrust of politicians, but complicate policy
- US presidential election is still wide open

## ■ Japan

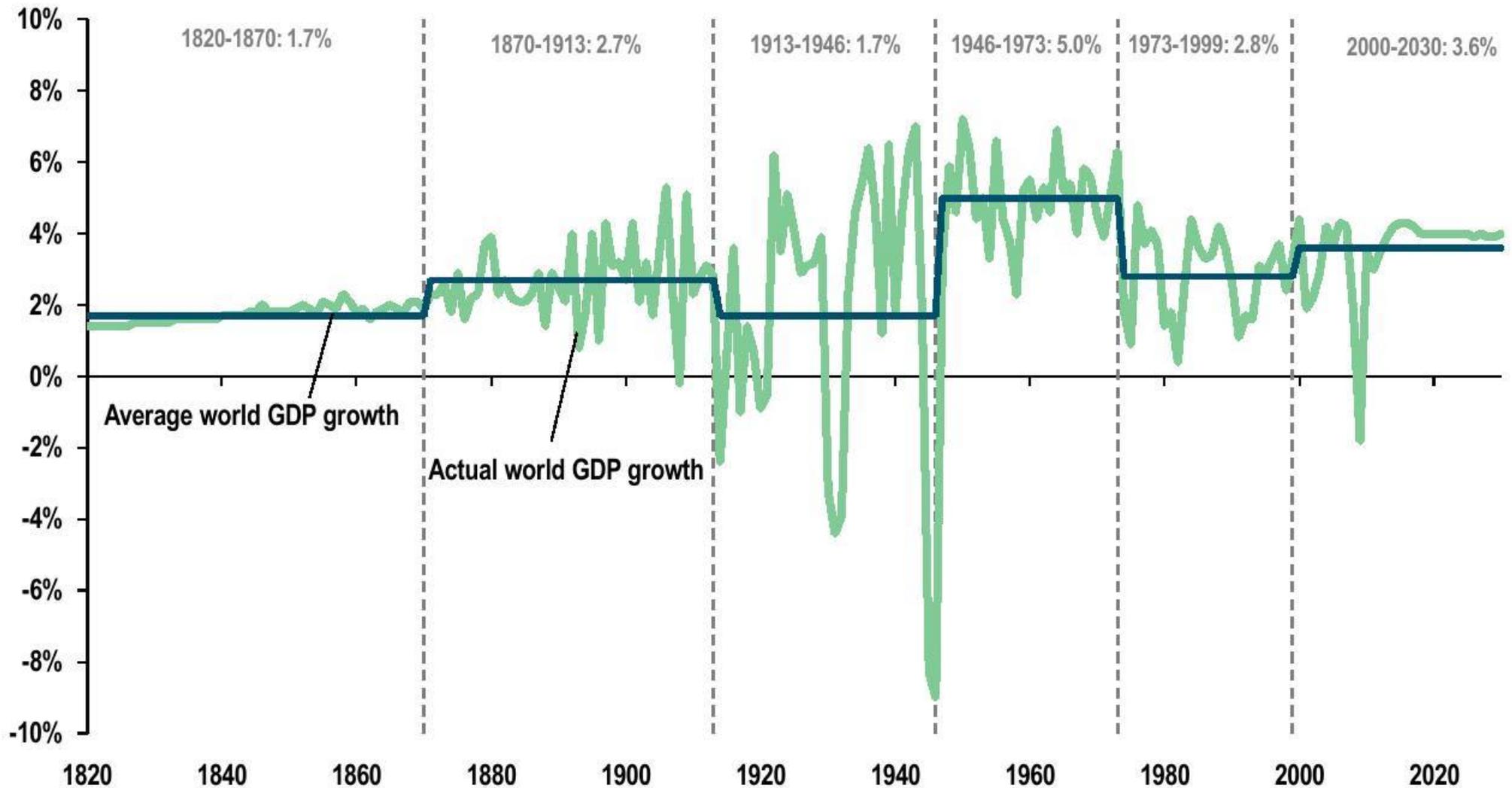
- So hard to deliver reform
- Bank of Japan scared to pursue QE as vigorously as it should

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E for expansion, empowerment,  
excitement and exuberance

# Three Super-cycles

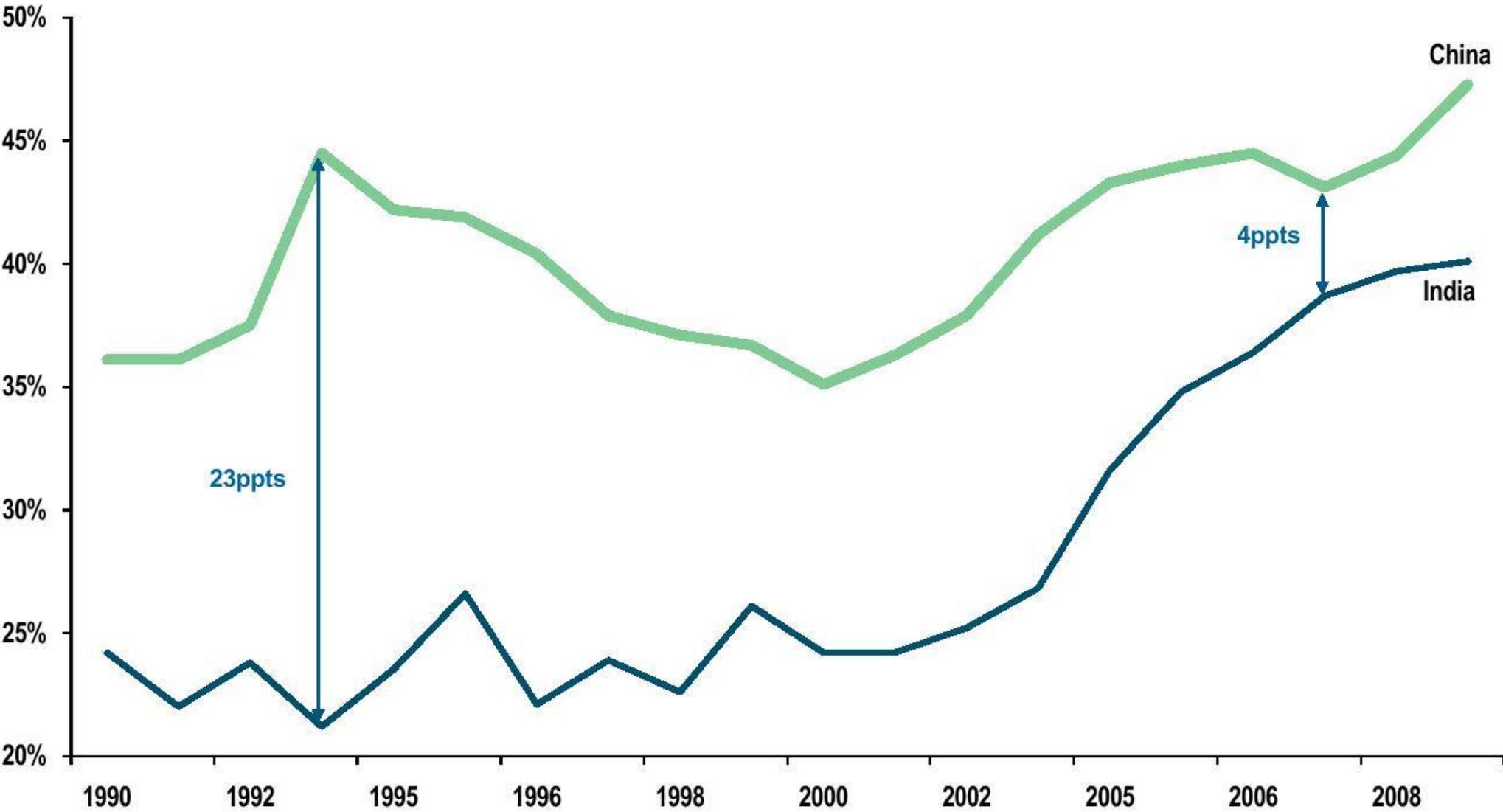
## Real world GDP growth since 1820 (%)



# Drivers of super-cycles

- Fast growth as new countries open up and gain scale
  - 1870-1913 – US
  - 1946-73 – Japan, (plus European recovery)
  - 2000-30 – China, India, Indonesia, Africa
- Network technologies
  - 1870-1913 – Railways, telegraph,
  - 1946-73 – Roads, telephones
  - 2000-30 – Internet, cell-phones
- Peace
- Stable monetary environment
- Trade opening

# China and India both investing for rapid growth



# What changed in about 2000 to start the current super-cycle?

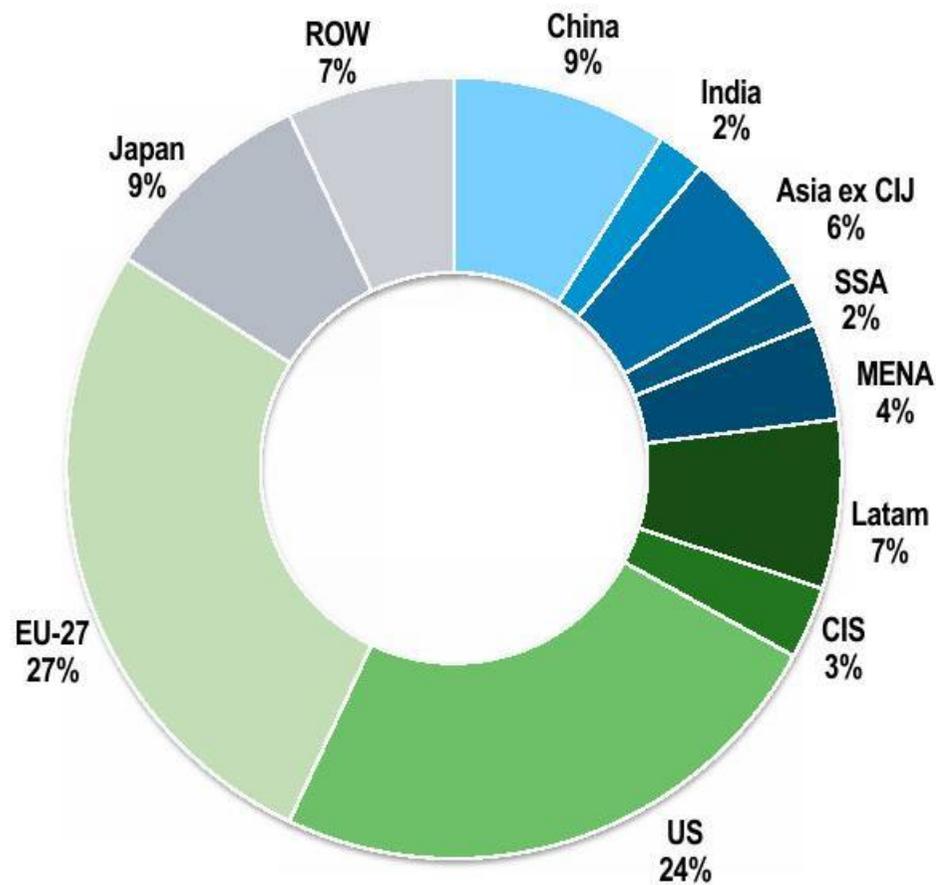
- Scale – China is 10% of world economy now, large enough to affect global figures
- Tough times for emerging countries ended
  - Two decades of Latam inflation and debt crises ended with Argentina 2001
  - Asia crisis over
  - Ex- Soviet bloc turning up after post-Communist slump
  - Africa began to show more widespread reforms and helped by commodities
- Commodity cycle began to turn up – new investments in infrastructure
- Trade opening – Uruguay Round 1994; China joined WTO 2001
- Internet and trade opening gave huge boost to “globalisation”
- Acceleration in US productivity growth

NB. We are not forecasting that 2030 will be the end. Only for data comparison

# The shift in the balance of power towards emerging countries

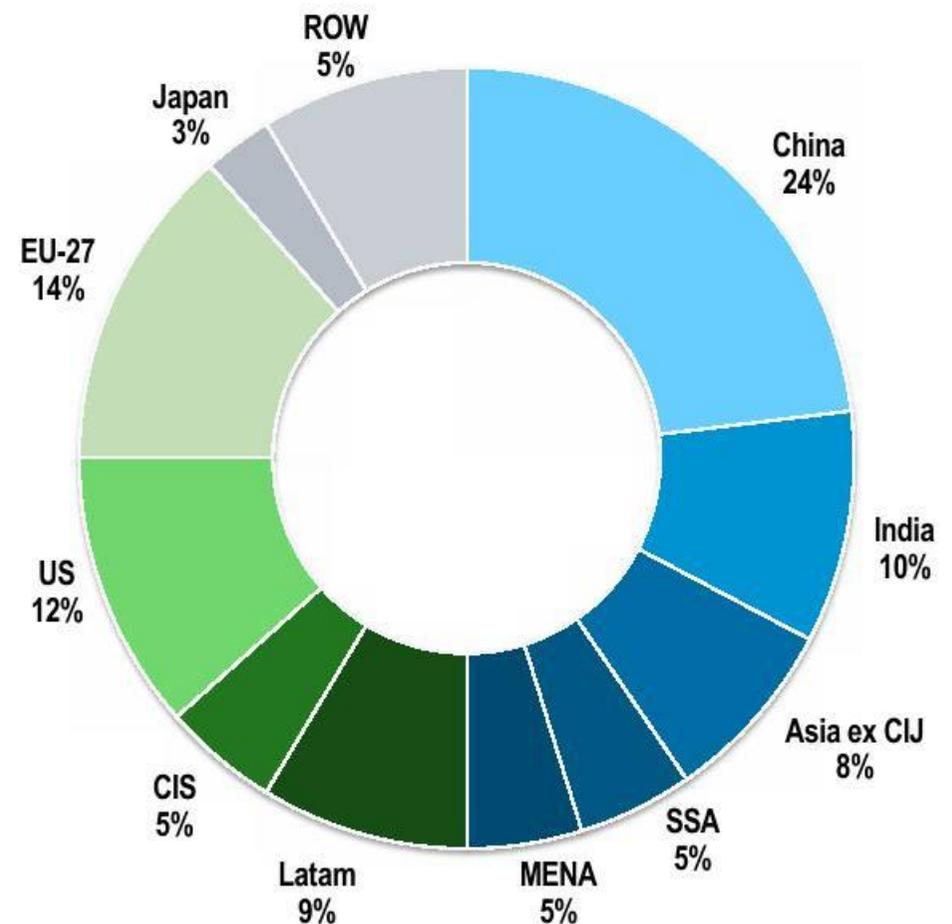
## Nominal GDP 2010, USD 62trn

% of global



## Nominal GDP 2030, USD 308trn

% of global



# The New World Order

	1990	USD trn	2000	USD trn	2010	USD trn	2020	USD trn	2030	USD trn
1	US	5.8	US	10.0	US	14.6	China	24.6	China	73.5
2	Japan	3.0	Japan	4.7	China	5.9	US	23.3	US	38.2
3	Germany	1.5	Germany	1.9	Japan	5.6	India	9.6	India	30.3
4	France	1.2	UK	1.5	Germany	3.3	Japan	6.0	Brazil	12.2
5	Italy	1.1	France	1.3	France	2.6	Brazil	5.1	Indonesia	9.3
6	UK	1.0	China	1.2	UK	2.3	Germany	5.0	Japan	8.4
7	Canada	0.6	Italy	1.1	Italy	2.0	France	3.9	Germany	8.2
8	Spain	0.5	Canada	0.7	Brazil	2.0	Russia	3.5	Mexico	6.6
9	Brazil	0.5	Brazil	0.6	Canada	1.6	UK	3.4	France	6.4
10	China	0.4	Mexico	0.6	Russia	1.5	Indonesia	3.2	UK	5.6

# Empowerment means lots of different things

- Global politics
  - G20 is now the key global talking shop for economics
  - Rise of China and other Asian countries is redefining international relations
  - “Failure” of US “free market” model is encouraging other views – not always good
- Growth + internet/cell phone connectivity is transforming business and politics
  - SMEs more easily able to trade
  - Information flows more readily
  - “Arab Spring” is partly a result
- The numbers of highly educated people are exploding around the world
  - A challenge and an opportunity

## Implications for commodity prices bullish but . . .

- Huge demand as emerging countries catch up, urbanise
- Low prices in 1990s constrained search and development for new sources
- High prices needed to get the investment required
- But many prices now well above marginal cost. In time, increasing supply could bring downward pressure
- Commodity upswings usually last 20 years or so
- 8-10 years in, implying further to go
- But not a permanent change
- Nor a one-way bet – always volatility as we see now

# Risks to the Super-cycle – (1) Euro crisis leads to world recession

- If the recession is mild the Super-cycle story is still intact
- If it is severe, that is harder to argue, begins to seem like a depression
- The private sector is better prepared for recession now
  - Stronger balance sheets
  - Higher savings rate
- But governments have less room for stimulus
- And the politics could get ugly

## Risks to the Super-cycle – (2) US another Japan?

- Arithmetic effect – US is one-fourth of world economy
- Slow locomotive effect? But:
  - US cannot be the locomotive any more, since imbalances have to close
  - Slower US growth means lower world interest rates and lower commodity prices, which could help other countries
- Bottom line – we will not call it a Super-cycle in retrospect if the US is another Japan; but the shift in relative power to the East could go even faster.

## Risks – (3) Hard landing in China

- China's economy “unstable, unbalanced, unco-ordinated and ultimately unsustainable” - Premier Wen Jiabao
- Very high investment-to-GDP ratio at about 46%
  - Building tomorrow's infrastructure and improving the housing stock?
  - Or inevitably threatening over-capacity and declining returns?
- Risk is that some kind of crisis/recession leaves massive overcapacity
  - But strong fiscal and FX position, so China could spend its way out again
  - Policy is to boost consumption and slow investment over time.
  - Right now, China is on course for a soft landing

# Conclusion: We are worried, but optimistic!

## The Super-cycle will return soon!

- The euro area has the capacity to solve its problems
  - Total euro-area debt ratios are better than in Japan, US and UK
  - Significant reforms are in progress – pensions, labour markets, product markets
  - Leaders in Europe are still strongly committed to integration
- Both the US and Europe are still growing – no recession yet
  - Confidence is low but there is less shock and panic now than in 2008
  - Private-sector deleveraging and bank capital re-building has made significant progress
- The emerging-market story is still intact
  - Savings and investment are high
  - Reforms are progressing – albeit at variable speeds

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