



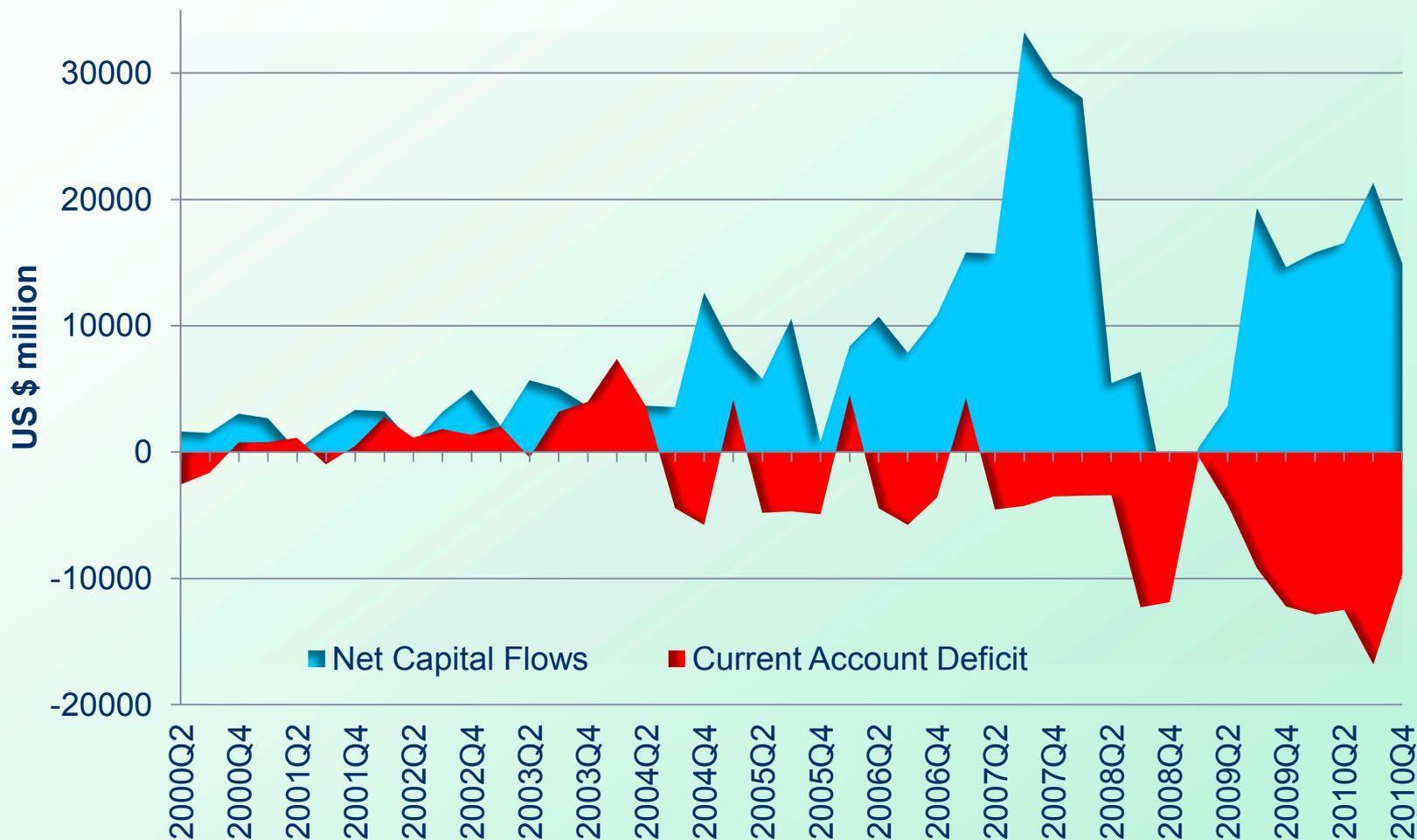
The Indian Experience with Managing Capital Flows

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*High-level Seminar on Managing Capital Flows
to Emerging Markets, Rio de Janeiro
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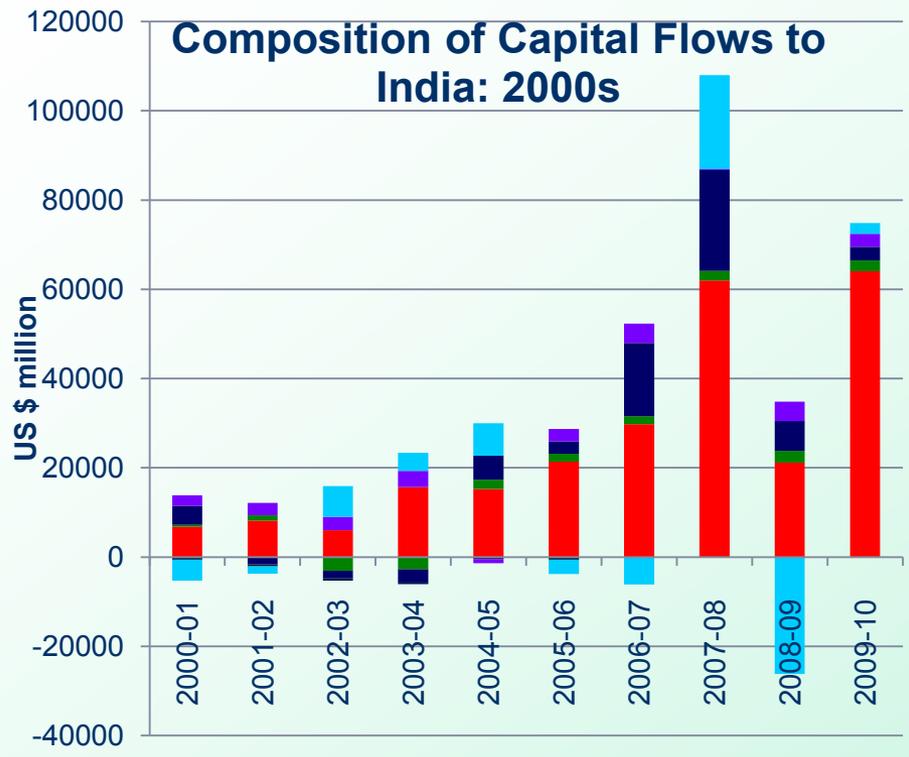
Slide 1: Balance of Payments





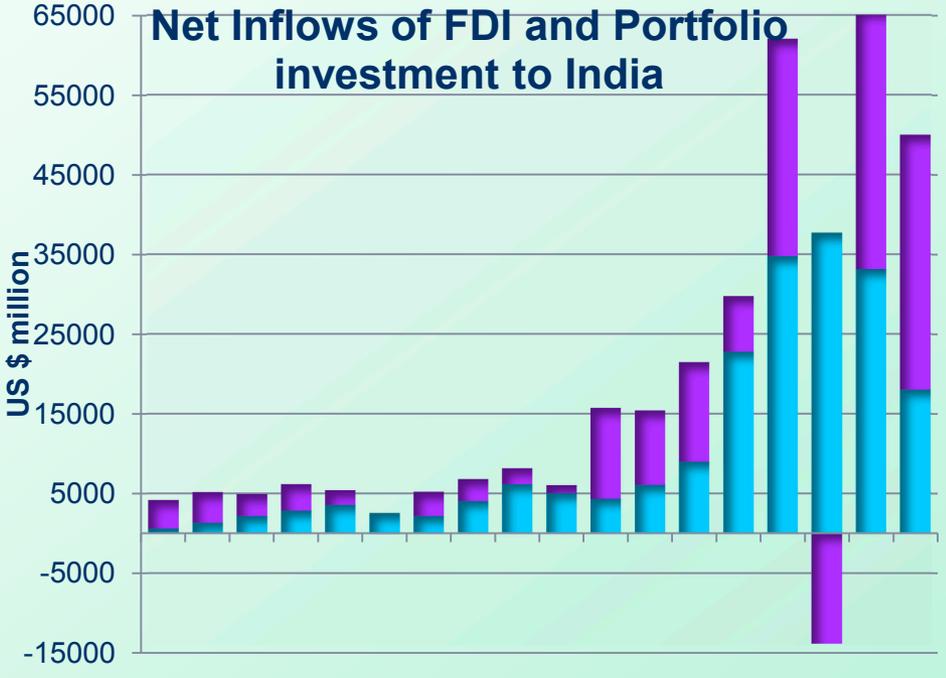
Slide 2: Composition of Capital Flows

Composition of Capital Flows to India: 2000s



- Foreign investment
- Commercial Borrowings
- NRI Deposits
- External Assistance
- Rupee debt service
- Other capital

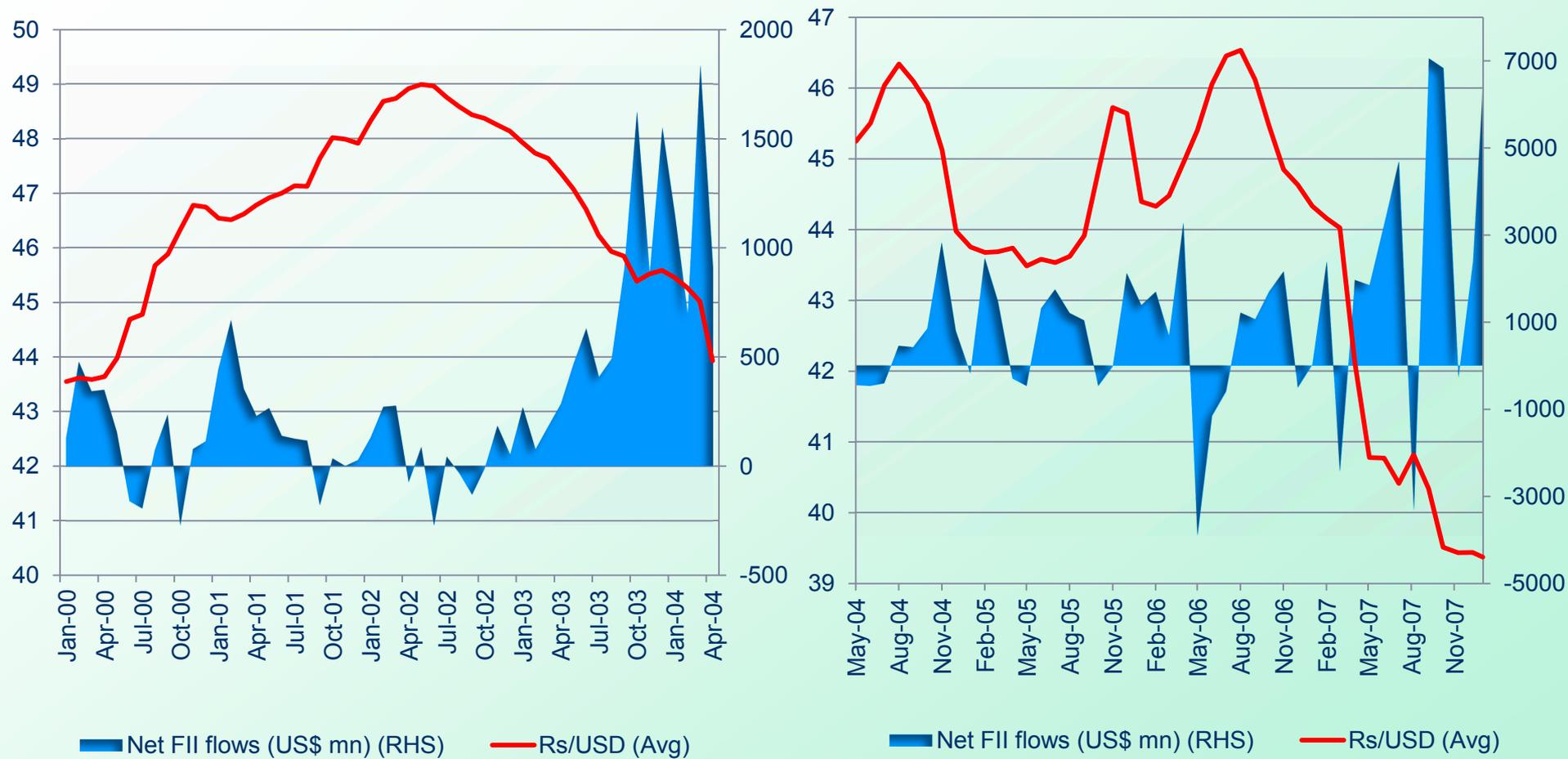
Net Inflows of FDI and Portfolio investment to India



- Direct investment
- Portfolio investment

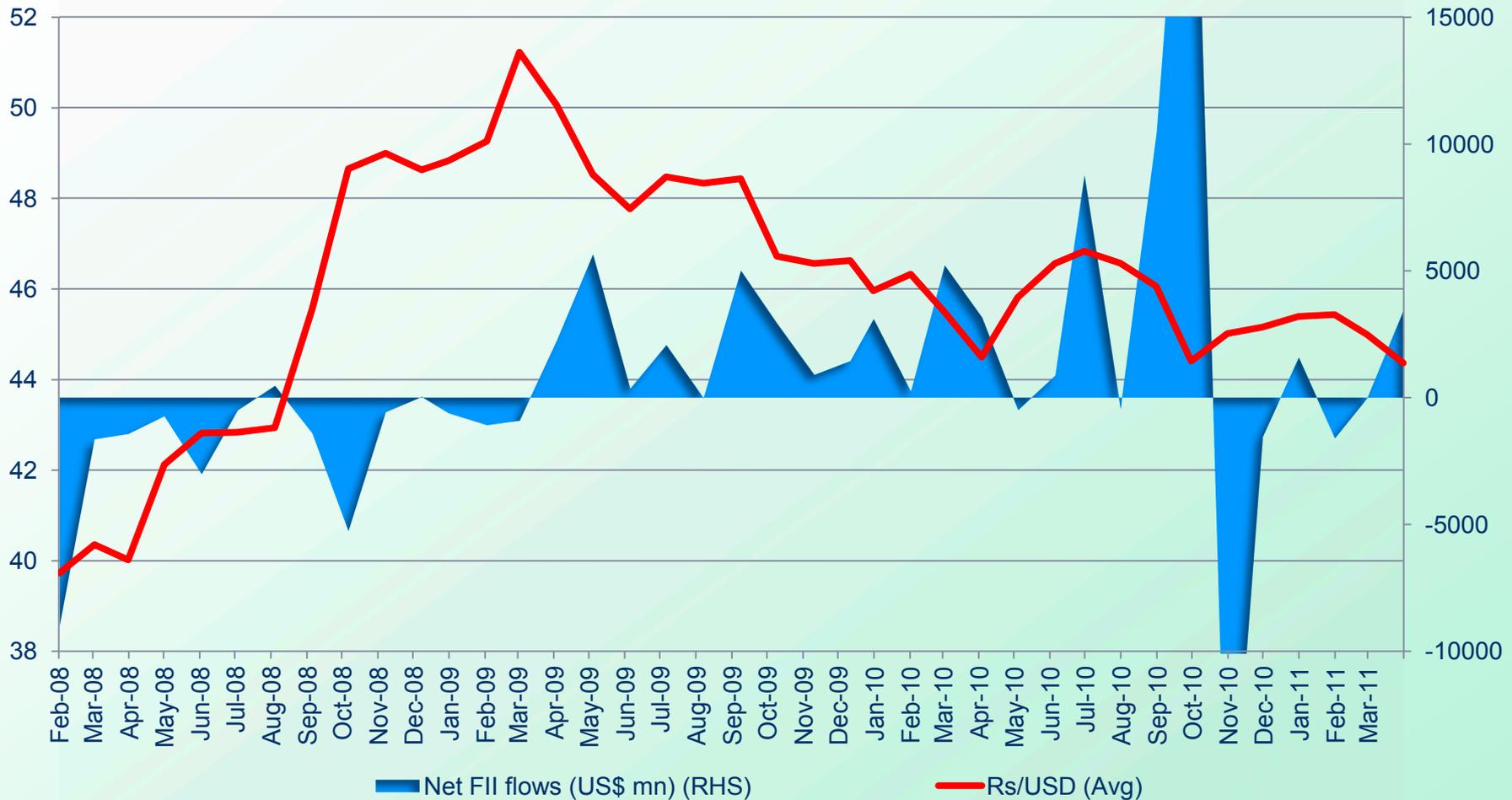


Slide 3: Exchange Rate Dynamics..1





Slide 4: Exchange Rate Dynamics..2





Slide 5: An Evolving Approach: The Exchange Rate

- Transition from balance to net surplus in the early 2000s
- Phase 1 Response (until Jan 2007):
Intervention with sterilization
 - *Design and use of Market Stabilization Bonds*
- Phase 2 Response (Feb 2007 onwards):
Essentially no intervention



Slide 6: An Evolving Approach: Capital Controls

◆ Preference Ordering

- Foreign Direct Investment
- Foreign Portfolio Investment in Equities
- Long-term Debt
- Short-term Debt

- ◆ Barring some sector-specific constraints, FDI flows are unconstrained
- ◆ Equity investments are unconstrained for institutions; new channels have been created for individuals
- ◆ Debt flows are subject to approval relating to end-use
- ◆ Some quantitative and pricing controls are in effect on debt flows



Slide 7: A Conceptual View...1

- ◆ Co-existence between capital controls and effectively floating exchange rate since 2007

Strategic vs. Tactical Controls

- ◆ Preference Ordering reflects a **strategic** view of macroeconomic benefits and risks of different channels
- ◆ Once controls are in place, they stay for some time, making rules of the game stable and predictable
- ◆ “**Reform**” then implies a change in the risk-benefit assessment of specific channels
- ◆ Intervention and controls such as URR are **tactical** in nature
- ◆ Issues of predictability and monetary management



Slide 8: A Conceptual View...2

- ◆ Intervention and controls such as URR are **tactical** in nature
- ◆ Issues of predictability and monetary management

Assessment

- ◆ Non-intervention has facilitated monetary policy operations
- ◆ It has made stakeholders sensitive to exchange rate risk, resulting in more effective hedging
- ◆ “**Reform**” implies development of market-based hedging instruments and better regulation of OTC instruments



Slide 9: Concluding Thoughts

- ◆ The Indian capital flow management framework has evolved in response to challenges in maintaining macroeconomic stability
- ◆ Even as intervention has been stopped, controls on some forms of inflows are still considered necessary
- ◆ A balance has been sought through the conceptual distinction between **strategic** and **tactical** controls
- ◆ Country circumstances differ and should determine the approach
- ◆ However, this distinction might provide a useful input into the thought process