

Index of charts and tables

Charts

	Overview	5		
1	Asset prices during the recent market turbulence	6	1.19	Comovement between AAA-rated US structured financial instruments
2	Financial market liquidity	6	1.20	US interbank risk premium and declines in US asset-backed commercial paper
3	Global issuance of asset-backed securities	6	1.21	Anomalies in the prices of the ABX sub-prime index (2007 H1 vintage)
4	Market-implied expectations of ultimate loss rates on US sub-prime mortgages	7	1.22	Monthly returns on a hypothetical hedge fund strategy
5	Anomalies in the prices of the ABX sub-prime index (2007 H1 vintage)	7	1.23	Global issuance of asset-backed securities and collateralised debt obligations
6	Losses on sub-prime asset-backed securities	8		
7	Illustrative implied marks on CDO super-senior tranches	9	2	Structure of the financial system
8	Tier 1 capital ratios	9	2.1	Major UK banks' aggregate balance sheet as at end-2007
9	Major UK banks' and LCFIs' credit default swap premia	11	2.2	Major UK banks' funding sources as a share of total liabilities as at end-2007
10	Three-month interbank rates relative to expected policy rates	11	2.3	Types of exposure as a share of major UK banks' total assets as at end-2007
11	Bear Stearns' liquidity pool	11	2.4	Annual growth in major UK banks' lending to UK households
12	Credit availability in the United Kingdom	12	2.5	Major UK banks' contributions to mortgage lending growth
13	Moody's speculative-grade corporate bond default rate and forecast	12	2.6	Major UK banks' net interest margin
14	Judgement on levels of likelihood and impact of key sources of tail risk	13	2.7	Major UK banks' annual write-off rates
			2.8	Annual growth in major UK banks' lending to UK private non-financial corporations
1	Shocks to the financial system	15	2.9	Major UK banks' stock of lending to UK private non-financial corporations
1.1	Three-month interbank rates relative to expected policy rates	15		
1.2	International GDP growth forecasts	16	Box 2	
1.3	Foreign portfolio investment in the United Kingdom and sterling ERI	16	A	Major UK banks' exposures to commercial real estate
1.4	Change in sovereign credit default swap premia versus current account balances for selected emerging market economies	16	2.10	Major UK banks' customer funding gap
1.5	US GDP growth forecast dispersion and option-implied equity market volatility	17	2.11	Sterling intraday liquidity buffers
1.6	Official interest rates	17	2.12	Major UK banks' and LCFIs' outstanding exposures to selected structured credit markets and leveraged loans
1.7	US sub-prime mortgage delinquency rates versus foreclosure rates	17	2.13	Major UK banks' and LCFIs' Value-at-Risk
			2.14	Changes in LCFIs' assets during 2007 H2
Box 1			2.15	Monthly return on hedge fund strategies
A	Projected cumulative credit losses on US sub-prime mortgage-backed securities	18	2.16	Dispersion of hedge funds' returns by strategy
B	Estimated loss of market value of US sub-prime mortgage-backed securities	19	2.17	Outstanding global amounts of credit protection bought by institution
1.8	Market-implied expectations of ultimate loss rates on US sub-prime mortgages	20	2.18	Major UK banks' and LCFIs' credit default swap premia
1.9	Distribution of loan to value ratios among mortgagors	20		
1.10	UK residential property market	21	Box 3	
1.11	UK prime residential mortgage-backed security issuance and spreads	21	A	Monolines' credit default swap premia
1.12	UK commercial property capital values	22	B	Decomposition of monoline insurance by value
1.13	UK property funds net inflows	22	1	Diagrammatic representation of banks' exposures to monolines
1.14	UK commercial mortgage-backed securities issuance	22		
1.15	Survey of PNFC default rates and losses	23	2.19	Incidence of common 'large exposure' counterparts during 2007 Q4
1.16	Annual debt-servicing cost for a hypothetical leveraged buyout	23	2.20	Major UK banks' and LCFIs' equity prices
1.17	UK investment-grade corporate bond spreads and insolvency rate	23	2.21	Major UK banks' and LCFIs' return on common equity
1.18	Decomposition of sterling high-yield corporate bond spreads	24	2.22	LCFIs' major revenue sources
			2.23	Major UK banks' and LCFIs' equity option implied volatility
			Box 4	
			A	Major UK banks' Tier 1 and leverage ratios, end-2007
			B	Major UK banks' core (equity) and regulatory Tier 1 capital ratios
			2.24	Tier 1 capital ratios
			2.25	Major UK banks' and LCFIs' dividend payments and capital raising since end-2007 and total write-downs

3	Prospects for the UK financial system	43
3.1	Asset prices during the recent market turbulence	43
3.2	Financial market liquidity	44
3.3	Losses on sub-prime asset-backed securities	44
3.4	Illustrative implied marks on CDO super-senior tranches	45
3.5	Global issuance of asset-backed securities	45
3.6	Credit availability in the United Kingdom	46
3.7	Bear Stearns' liquidity pool	46
3.8	Spreads on interbank lending and in residential mortgage-backed securities markets	47
3.9	US LCFIs' level 3 assets	47
3.10	Volumes settled in CLS	48
3.11	Six-month implied volatility of credit default swap index spreads	48
3.12	Ratio of household sector debt to annualised post-tax income	48
3.13	UK PNFCs' capital gearing	49
3.14	Moody's speculative-grade corporate bond default rate and forecast	49
Box 5		
A	Stylised transmission map of financial stability risk	50
B	Stylised transmission map of a deterioration of macroeconomic conditions	51
3.15	Judgement on levels of likelihood and impact of key sources of tail risk	52
4	Mitigating risks to the UK financial system	54
Box 6		
A	Proportion of stock of open market operations provided through long-term repos	59
4.1	Sterling liquid assets relative to total asset holdings of UK banking sector	61
4.2	Illustrative example of potential changes to Basel II minimum capital requirements over the economic cycle	64

Tables

	Overview	5
A	Major UK banks' and LCFIs' structured credit and monoline-related write-downs and exposures	8
B	Sources of tail risk in the period ahead: change in assessment since October 2007	12
C	Key actions to rebuild confidence	13
D	Key actions to improve ongoing financial stability	13
1	Shocks to the financial system	15
Box 1		
1	Estimated loss of market value of US sub-prime mortgage-backed securities based on actual and model-implied prices	19
1.A	Mortgage-related collateralised debt obligations event-of-default (EOD) notices	26
2	Structure of the financial system	27
Box 2		
1	Impact of defaults on main UK commercial property lenders	31
2.A	Major UK banks' and LCFIs' structured credit and monoline-related write-downs and exposures	33
Box 3		
1	Current credit ratings for major monolines	36
2.B	LCFIs' market shares as lead arrangers and book runners	39
3	Prospects for the UK financial system	43
3.A	Sources of tail risk in the period ahead: change in assessment since October 2007	49
4	Mitigating risks to the UK financial system	54
4.A	Aspects of good firm-wide risk management identified by the Senior Supervisors Group	57
Box 6		
1	Timeline of central bank operations	59
4.B	Elements of a robust contingency funding plan (CFP)	60
4.C	Diversity in national liquidity regimes	62
4.D	Summary of initial lessons for liquidity risk management and supervision from the current episode of stress	62
4.E	Summary of the key drawbacks to Basel I regime addressed by Basel II	63
Box 8		
1	Proposed elements of a special resolution regime	67
4.F	Proposed measures to improve the Financial Services Compensation Scheme (FSCS)	68