

## A comparison of central bank actions during the crisis

	<b>Fed</b>	<b>ECB</b>	<b>BoE</b>
<b>Interest rates charged to banks</b>	- Rate lowered to between 0% and 0.25%.	- Rate lowered to 1%.	- Rate lowered to 0.5%.
<b>Increase in lending maturity</b>	- Maturity of reserves provided in OMOs increased. - Longer-term auction facility (Jul 08).	- Longer-term auction facility (Jul 08). - Introduction of longer-term refinancing operations (LTRO) with a 12-month maturity (May 09).	- Longer-term auction facility (Jul 08).
<b>Expansion of the list of assets eligible as collateral</b>	- Creation of the Term Securities Lending Facility (TSLF) to lend Treasuries against broader range of collateral (Mar 08).	- Expansion of the list of assets eligible as collateral in Eurosystem credit operation.	- Broader range of collateral accepted, including mortgage collateral (Sep 07). - Special Liquidity Scheme to enable banks and building societies to swap illiquid assets for U.K. Treasury bills (Apr 08). - Asset Protection Scheme (Jan 09).
<b>Capital injections and help with troubled assets</b>	- Capital injections into eligible banks (\$198 billion) under TARP. - Public-Private Investment Program (PPIP) to help banks sell troubled assets (Mar 09).	- Capital injections in a number of banks. Dexia receives (€6.4 billion) equity capital injection from Belgian, French, and Luxemburg governments (Sep 08). - Dutch government acquires Fortis Bank Nederland (Oct 08). The rest of Fortis went to BNP. Injection of €10 billion into ING. - In Germany bailout of Hypo Real Estate (Oct 08), then nationalization (Oct 09).	- Protection of £457 billion of risky assets for RBS and Lloyd Banking Group. Provision of £13 billion capital for RBS. - Liquidity support facility to Northern Rock, then guarantee for Northern Rock's existing deposits (Sep 07). - Nationalization of Northern Rock (Feb 08) and Bradford & Bingley (Sep 08).
<b>Providing funds and rescue to broader range of institutions</b>	- Primary Dealer Credit facility (Mar 08). - Establishment of a Term Auction Facility (Dec 07). - Rescue of Bear Stearns (Mar 08), Fannie Mae and Freddie Mac, AIG (Sep 08). - Transformation of Goldman Sachs and Morgan Stanley into bank holding companies (Sep 08). - AIG receives \$30 billion of additional capital (Mar 09).		
<b>Central bank liquidity insurance and liquidity injections into the markets</b>	- Swap lines with foreign central banks (Sep 08). - Creation of the Commercial Paper Funding Facility and Money Market Investor Funding Facility (Oct 08). - Term Asset-backed Securities Loan Facilities (TALF) set up with the aim of extending loans to investors in order to help them buy eligible ABSs (Mar 09). - Fed announced an expansion of over \$1 trillion in its planned asset purchases for 09 (Mar 09).	- Swap agreement with the Fed to provide U.S. dollars to ECB counterparties. - Injection of €95 billion into the market (Aug 07). - ECB announces its intention to purchase €60 billion of covered bonds (May 09).	- Central bank swap lines (Sep 08). - Purchases of commercial paper and corporate bonds. £75 billion asset purchase program (Mar 09). - Asset-backed Securities Guarantee Scheme providing guarantee on residential mortgage-backed securities issued by U.K. banks and building societies (Apr 09). - BoE increases size of asset purchase program to £125 billion (May 09).