

Depository Institutions

Prof. Salvatore Perdichizzi

Economics of Financial Intermediation

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Specialness of Depository FIs



Products on both sides of the balance sheet

- Loans
 - Business and Commercial
- Deposits

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Depository Institutions

Assets	Liabilities and Equity
Loans	Deposits
Other assets	Other liabilities and equity

Commercial Bank: A bank that **accepts deposits** and **makes consumer, commercial and real estate loans**.

- **Commercial banks** differ from **Savings and loans institutions** and **credit unions** in the **composition** of their **asset** and **liabilities**.
- **Money center banks:** Are the banks with **few retail branches** and rely almost entirely on **wholesale** and **borrowed funds** as sources of **assets** or **liabilities**. Banks that have a heavy reliance on **non-deposit** or **borrowed** source of funds. In fact, they **finance** their lending and **investments** activities through interbank market as federal funds market or wholesale funds (**CDs, Commercial paper..**).

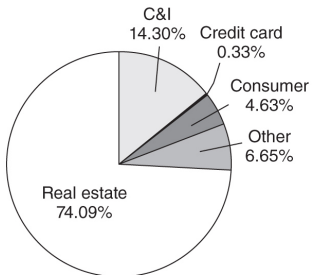
*It is important to note that the asset or lending size does not necessary make a bank a money center bank. (only the composition of the funding, **deposit vs non-deposit funding**)*

Breakdown of Loan Portfolio

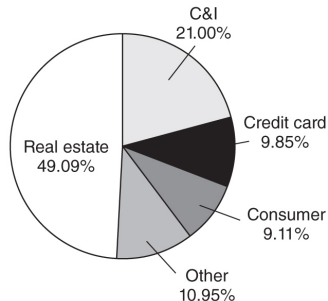


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Small Banks



Large Banks



Note: Small banks are defined as banks with assets less than \$1 billion. Large banks are defined as banks with assets of \$1 billion or more.

Federal Deposit Insurance Corporation, September 2012. www.fdic.gov

- **Large banks:** provide a variety of services to their customers. The **decision** process relies on factual **financial information**, **computer models** and **centralize decision making process**.
- **Small banks:** focus on **relationship banking**, often basis decisions on **personal knowledge** of customers creditworthiness (**soft information**) and an understanding of business conditions in the communities they serve.

Regulation, Functions & Structure



Functions of depository institutions

- Regulatory sources of differences across types of depository institutions

Structural changes generally resulted from changes in regulatory policy

- Example: Changes permitting interstate branching:
Riegle-Neal Act, 1994

Commercial Banks: Asset Concentration



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TABLE 2-4 U.S. Bank Asset Concentration, 1984 versus 2012

	2012				1984			
	Number	Percent of Total	Assets*	Percent of Total	Number	Percent of Total	Assets*	Percent of Total
All FDIC-insured commercial banks	6,168		13,069.9		14,483		\$2,508.9	
1. Under \$100 million	2,034	33.0%	118.0	0.9%	12,044	83.2%	404.2	16.1%
2. \$100 million–\$1 billion	3,608	58.5	1,059.2	8.1	2,161	14.9	513.9	20.5
3. \$1 billion–\$10 billion	437	7.1	1,133.6	8.7	254	1.7	725.9	28.9
4. \$10 billion or more	89	1.4	10,759.1	82.3	24	0.2	864.8	34.5

* In billions of dollars.

FDIC Quarterly Banking Profile, fourth quarter 1984 and third quarter 2012. www.fdic.gov

Structure & Composition of Commercial Banks



- Limited powers to underwrite corporate securities have existed only since 1987;
- Financial Services Modernization Act 1999;
 - Allowed full authority to enter investment banking (and insurance)

Composition of Commercial Banking Sector



- Community Banks;
- Regional and Super-regional;
 - Access to federal funds market to finance their lending and investment activities.
- Money Center Banks;
 - Bank of New York Mellon, Deutsche Bank (Bankers Trust), Citigroup, J.P. Morgan Chase, HSBC Bank USA (Declining in number).

Balance Sheet and Trends



- Business loans have declined in importance
- Offsetting increase in securities and mortgages
- Increased importance of funding via commercial paper market
- Securitization of mortgage loans
- Temporary effects: credit crunch during recessions of 1989-92 and 2001-02

A Picture of the Balance Sheet of US Commercial Banks



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TABLE 2-6
Balance Sheet (All U.S. Commercial Banks) as of September 30, 2012 (in billions of dollars)

Assets		
Loans and securities		\$10,653.2
Investment securities	\$3,909.3	
U.S. government securities	\$1,705.6	
Other	2,203.7	
Total loans	6,743.9	
Interbank loans	104.6	
Loans excluding interbank	6,639.3	
Commercial and industrial	\$1,401.2	
Real estate	3,569.9	
Individual	1,206.9	
All other	619.8	
Less: Reserve for loan losses	158.5	
Total cash assets		1,228.4
Other assets		1,188.3
Total assets		13,069.9
Liabilities		
Total deposits		\$ 9,622.4
Deposits held in foreign offices	\$1,443.9	
Deposits held in domestic offices	8,178.5	
Transaction accounts	\$1,303.0	
Nontransaction accounts	6,875.5	
Borrowings		1,568.6
Other liabilities		378.2
Total liabilities		11,569.2
Total equity capital		1,500.7

Federal Deposit Insurance Corporation, September 30, 2012. www.fdic.gov

Commercial Banks, 2012



Primary assets:

- Real Estate Loans: 3,569.9 B
- C&I loans: 1,401.2 B
- Loans to individuals: 1,206.9 B
- Investment security portfolio: 3,909.3 B
- Of which, Treasury securities: 1,705.6 B

Inference: **Importance of Credit Risk**

Commercial Banks, 2012



Primary liabilities:

- Deposits: 9,622.4 billion
- Borrowings: 1,568.6 billion
- Other liabilities: 378.2 billion

Inference: **Highly leveraged**

Off-Balance-Sheet Activities



Heightened importance of off-balance-sheet items

- OBS assets, OBS liabilities
- Regulatory incentives
- Risk control and risk producing
- Role of mortgage backed securities
- Toxic assets
- Expansion of oversight

Key Regulatory Legislation



- **1927 McFadden Act:** Controls branching of national banks
- **1933 Glass-Steagall:** Separates securities and banking activities, established FDIC, prohibited interest on demand deposits
- **1956 Bank Holding Company Act** and subsequent amendments specifies permissible activities and regulation by FRS of BHCs
- *1970 Amendments to the Bank Holding Company Act:* Extension to one-bank holding companies
- *1978 International Banking Act:* Regulated foreign bank branches and agencies in US

Savings Institutions: Recent Trends



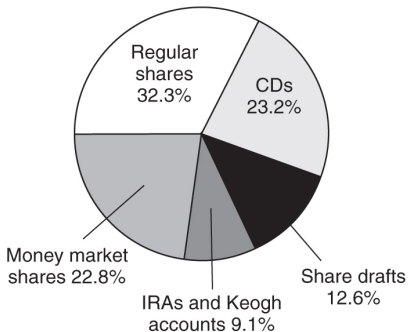
Comprised of:

- Industry is smaller overall
- Intense competition from other FIs
 - Mortgages, for example

Composition of Credit Union Deposits, 2012



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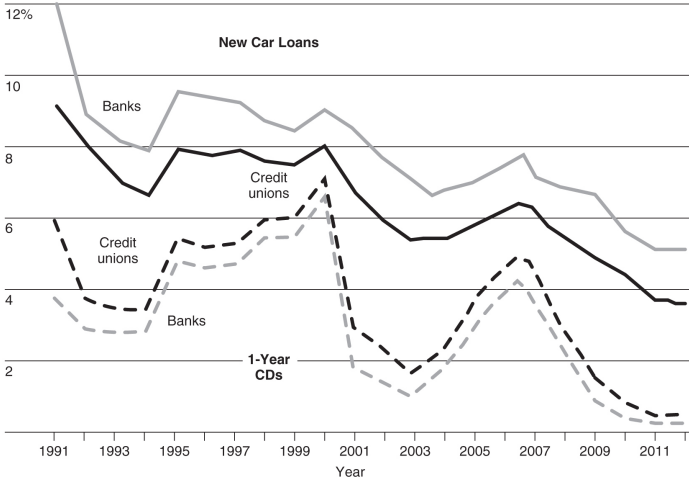


Credit Union National Association, Credit Union Report Mid-Year 2012. www.cuna.org

Composition of Credit Union Deposits, 2012 image



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National Credit Union Administration, December 2012. www.ncua.gov

Global Issues



- Spread of US financial crisis to other countries
- Many European banks saved from bankruptcy through support of governments and central banks
- Interest rates at or below 1 percent
- Links to the macroeconomy