

Contents

Abstract	v
1. Introduction	1
2. Overview of the Polish Pension System	3
The Polish Pension System after the 1998 Reform	3
Coverage of the Pension System	4
Fiscal Impact of the Pension Reform	6
3. Structure and Performance of the Second Pillar	9
Structure	9
Performance of the Pension System	11
4. Main Regulatory and Supervisory Issues	25
An Overview of the Regulatory Framework	25
An Overview of the Supervisory Framework	31
5. The Domestic Capital Market	33
The Market for Government Debt	33
The Equity Market	34
Other Fixed Income Instruments	35
6. Recommendations for Improving the Performance of the Second Pillar	37
Recommendations for Improvements in the Accumulation Phase	37
Preparing the Regulatory Framework for the Payout Phase	41
Developing Financial Instruments for the Two Phases	44
APPENDIX	
An Analysis of Price Competition in the Pension Sector	47
References	51
LIST OF TABLES	
1. Coverage Ratios and Covered Wage Bill, 1999–2005	5
2. Selected Macroeconomic and Fiscal Indicators, 1999–2005	7
3. Number of Second Pillar Pension Funds in Latin America and Central Europe	10
4. Market Structure in Poland’s Second Pillar, 2005	10

5. Pension Fund Assets, 1999–2005.....	11
6. Pension Assets in Poland and Other Reforming Countries	12
7. Pension Fund Portfolios, 1999–2005	12
8. Pension Fund Portfolios: Poland and Other Selected Countries.....	13
9. Characteristics of the Equity Portfolio of Polish Pension Funds.....	13
10. Pension Fund Returns, Inflation Rate, GDP Growth and Indexation of NDC ...	16
11. Rates of Return of Second Pillar Pension Funds in Reforming Countries.....	17
12. Operational Costs of Pension Funds in Selected Countries, 2005.....	20
13. Projected Fees	23
14. Annual Nominal Return on Equity of Polish PTEs and Banks	23
15. ROEs of Pension Fund Managers in Selected Countries	24
16. Ceilings on Investment in Fixed Income Instruments	29
17. Design of the Minimum Return Guarantee in Poland and Other Countries ...	30
18. Stocks and Holders of Financial Instruments, 2005	34
A1. Panel Data Estimates	49

LIST OF FIGURES

1. Coverage Ratio and Per Capita Income	5
2. Covered Wage Bill and Per Capita Income	6
3. Balance of the PAYG System	8
4. Monthly Contributions to the Fully Funded System	11
5. Coefficient of Variation of the Equity Share in Pension Fund Portfolios.....	14
6. Coefficient of Variation of Equity Holdings, 2005	15
7. Coefficient of Variation of Fixed Income, 2005.....	16
8. Poland Yield Curves	17
9. Convergence of Returns of Polish Pension Funds.....	18
10. Convergence of Returns of Chilean Pension Funds	18
11. Rates of Return of Polish Funds and the MRG.....	19
12. Sharpe Ratios	19
13. Modigliani Ratios.....	20
14. Ceilings on Asset Management Fees.....	21
15. Ratio of Total Fees over Assets in 2005.....	22
16. Total Fees over Assets, Poland and Other Countries.....	22
17. Return on Equity of PTEs, 2002–05.....	24
18. Duration of Government Bonds by Holder.....	35
A1. Sharpe Ratios and Growth in Market Shares.....	48
A2. Quarterly Switchovers and OFE’s Rate of Return (t–1)	48