E1FTOC 10/05/2010 16:50:55 Page 7

## **Contents**

Vİİ

Preface	Xi
Acknowledgments	xvii
List of Contributors	XİX
PART ONE	
Reverse Mortgage Basics	1
CHAPTER 1 Reverse Mortgage Primer	3
Loan Disbursements Overview of Lender Challenges Summary	4 6 6
CHAPTER 2 The History of Reverse Mortgages: An Insider's View	8
Formative Year Private Programs First Lifetime Reverse Mortgages Fannie Mae Stakes a Claim to the Marketplace Roots of the Securitization of Reverse Mortgages Summary Notes	8 9 10 12 13 15
CHAPTER 3 HECM Explained: Reverse Mortgages Originated via the Home Equity Conversion Mortgage (HECM) Program	17
Legislative History and Program Fundamentals Disbursing Funds and Calculating Loans and Interest	18 19
Double and Interest	17

<u>viii</u>	CONTENTS
Changes to the Program Following the 2008 Act Consumer-Focused Elements of the Program Summary Notes	21 24 26 28
DART TIMO	
PART TWO Underwriting and Risk Analysis	33
CHAPTER 4	
Underwriting Reverse Mortgages	35
Underwriting Life Expectancy Life Settlement versus Reverse Mortgage Underwriting Simplicity of the Current Reverse Mortgage	36 37
Underwriting Process Why Does Underwriting Matter? Proposed Elements of Reverse Mortgage Underwriting	37 38 38
Summary	42
CHAPTER 5 Risk Mitigation from Existing and Programmed Financial Products	43
	46
Reverse Mortgage Risks Agency versus Nonconforming Loans	48
Summary	53
Notes	54
CHAPTER 6 Longevity Risk and Fair Value Accounting	55
	-
Longevity Cost Calculator <sup>TM</sup> as a Loan Underwriting and Pricing Tool	61
Reverse Mortgage Loan Pricing Using the Longevity	01
Cost Calculator	74
Existing Accounting Framework	75
Suggested GAAP-Compliant Methodology to Standardize	
Life Settlement Underwriting	77
Summary	78 70
Notes	79

Contents	İΧ
CHAPTER 7	
Risk Mitigation: Available Hedges and Products in	
Development for Risk Transfer	81
Hedging Crossover Components in the Capital Markets	82
Insurance Solutions	86
Summary	90
Note	90
CHAPTER 8	
Criteria for Rating U.K. Reverse Mortgage—Backed Securities	91
Overview of Reverse (Equity Release) Mortgages	91
Reverse Mortgage-Backed Securitization	92
Mortality Assumptions	93
Prepayment Assumptions	94
House Price Increase Assumptions	95
Costs and Sale Period Summary	97 97
Summary	91
Reverse Mortgage-Backed Securitization Mortality Assumptions Prepayment Assumptions House Price Increase Assumptions Costs and Sale Period Summary  PART THREE Tax Treatment	
Tax Treatment	99
CHAPTER 9	
U.S. Federal Income Tax Aspects of Reverse Mortgages	101
What Is a Reverse Mortgage?	102
Deductibility of Interest Payments on Reverse Mortgages	102
Securitization of Reverse Mortgage Loans via REMIC Structures	103
Practical Observations Regarding	
Investment Reverse Mortgage REMIC Securities	105
Summary	106
Notes	107
PART FOUR	
Reverse Mortgages in Context	109
CHAPTER 10	
Unlocking Housing Equity in Japan	111
Implementation in the Japanese Context	112
Feasibility of Reverse Mortgages in Japan	117

16:50:55	Page 10
----------	---------

X	CONTENTS
Summary	121
Notes	124
CHAPTER 11	
The Secondary Market in Home Equity Conversion Mortgages	127
The Reverse Mortgage to Liquidate Home Equity	127
HECM: A Financial Innovation	130
Cash Flows, Risk, and Uncertainty	131
The Secondary Market for HECM	132
HECM Securitization	134
Longevity Risk Embedded in HECM	137
The Constraints of the Underlying Asset	140
Concluding Remarks	145
The Constraints of the Underlying Asset Concluding Remarks Summary  APPENDIX A Housing Wealth Among the Elderly Wealth in Housing Owner-Occupancy Rates How Risky Is Housing Wealth?	146
APPENDIX A	
Housing Wealth Among the Elderly	149
Wealth in Housing	149
Owner-Occupancy Rates	152
How Risky Is Housing Wealth?	153
Do the Elderly Decumulate Their Housing Wealth?	155
Notes	159
APPENDIX B	
Reverse Mortgage Analytics	161
Determining the Payout Values: Practical Considerations	162
Computing Payout Values: An Example	163
Notes	165
Glossary	167
About the Author	171
About the Contributors	173
Index	181