

### Unfair Lending: The Impact of Race and Ethnicity on Loan Pricing in the Subprime Market

Debbie Gruenstein Bocian, Keith Ernst and Wei Li March 29, 2007

### **Background**



- 2004 HMDA Data: What's New?
  - Pricing: APR spread for "higher-rate" loans
  - Race and ethnicity
- The Debate: Are African-American and Latino Borrowers Being Charged More for Mortgages?
  - Consumer and civil rights groups
  - Industry groups
  - Findings of the Fed study

### **CRL Study: Data**



#### Proprietary Data:

- LTV
- FICO
- Prepayment penalties
- Loan type (i.e., ARM/FRM)

#### Matching to HMDA

- Origination amount, loan purpose, lien, property type
- Lender name
- Geography

#### Other Information:

- Prevailing interest rates, state-level information

# **CRL Study: Methodology**



#### Research Question:

- Are African-American and Latino borrowers more likely to receive "higher-rate" loans than similar white non-Hispanic borrowers?

#### Model Specifications:

- Logistical regressions
- Control for differences in risk factors



# **CRL Study: Findings**

### Impact of Race on Pricing: Purchase Loans

 African-American borrowers were more likely to receive "higher-rate" purchase loans than similar white non-Latino, borrowers particularly for loans with PPs.

	Increased Likelihoods (%)	
	FRM	ARM
Purchase loans without PPs	NS	16.3
Purchase loans with PPs	30.8	15.3



# **CRL Study: Findings**

### Impact of Race on Pricing: Refinance Loans

 African-American borrowers are more likely to receive "higher-rate" refinance loans than similar white non-Latino borrowers, for loans with PPs

	Increased Likelihoods (%)		
	FRM	ARM	
Refinance Loans without PPs	NS	NS	
Refinance Loans with PPs	34.3	6.1	

# **CRL Study: Findings**



### **Impact of Ethnicity**

 Latino borrowers are more likely to receive "higher-rate" purchase loans than similar non-Latino whites

	Increased Likelihoods (%)		
	FRM	ARM	
Purchase Loans without PPs	141.9	28.6	
Purchase Loans with PPs	44.6	37.4	

No evidence of impact of ethnicity in the refinance market

#### **Discussion**



- Findings:
  - Disparities persist
- Potential Causes:
  - Disparate loan pricing (discretionary pricing, YSPs)
  - Market segmentation (marketing, targeting)

# **Policy Implications**



- Eliminate discretionary pricing
- Greater disclosure of pricing, risk and channel data in HMDA
- Greater enforcement of fair lending laws
- Enhancing incentives for all lenders to serve communities of color