Credit and Debit Card Interchange Fees Assessed to Merchants in the United States

August 2024 Update[‡]

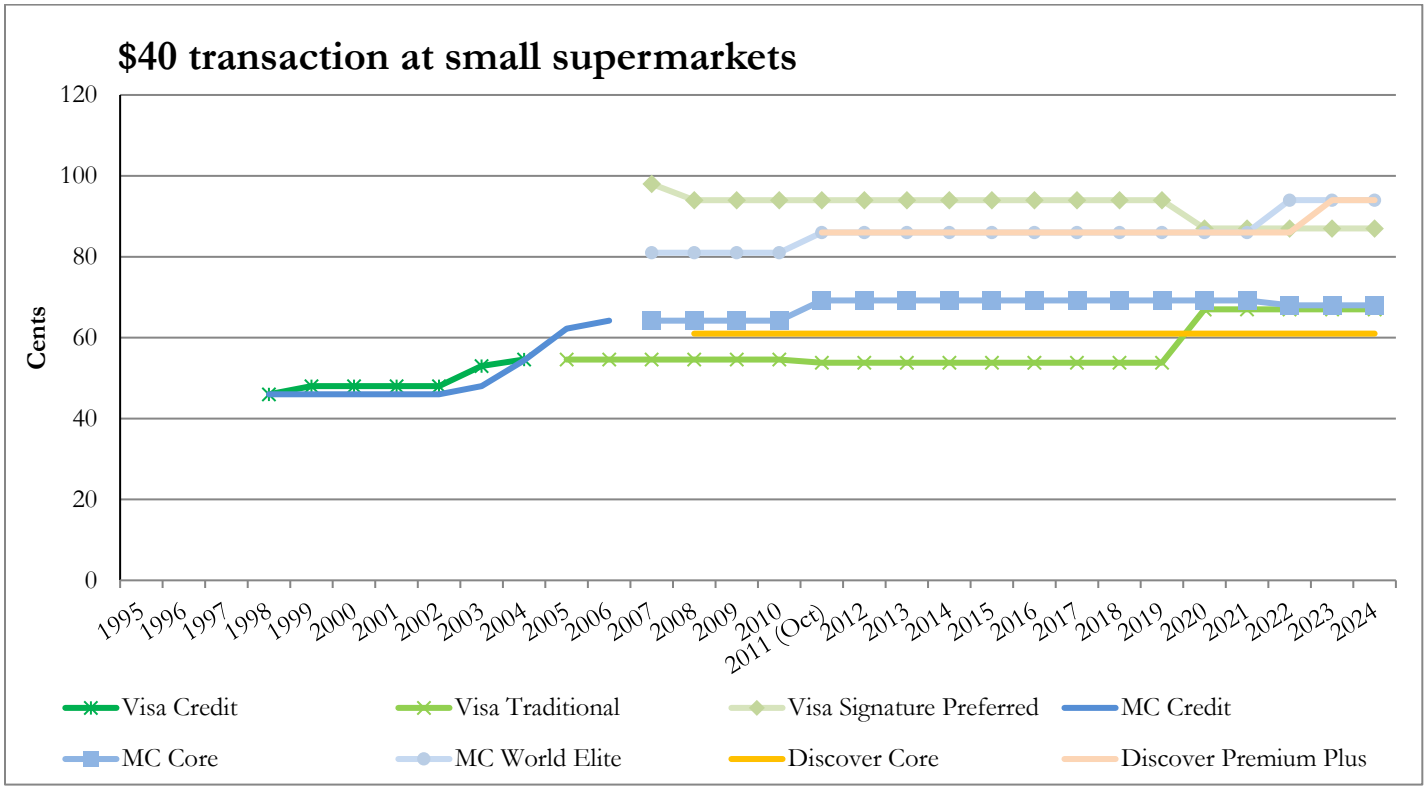
Prepared by Fumiko Hayashi, Aditi Routh, Sam Baird and Kennady A. Schertzer[§]

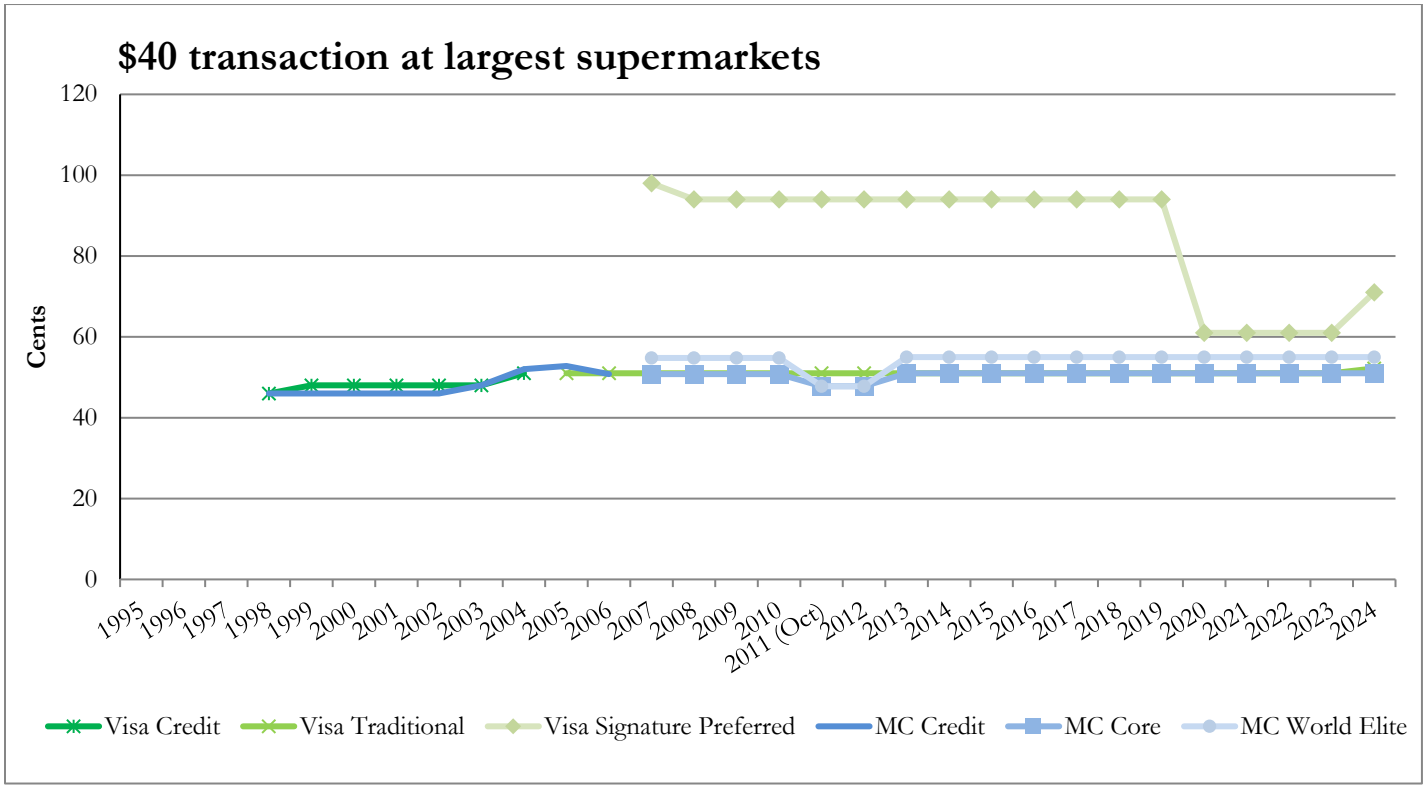
Federal Reserve Bank of Kansas City

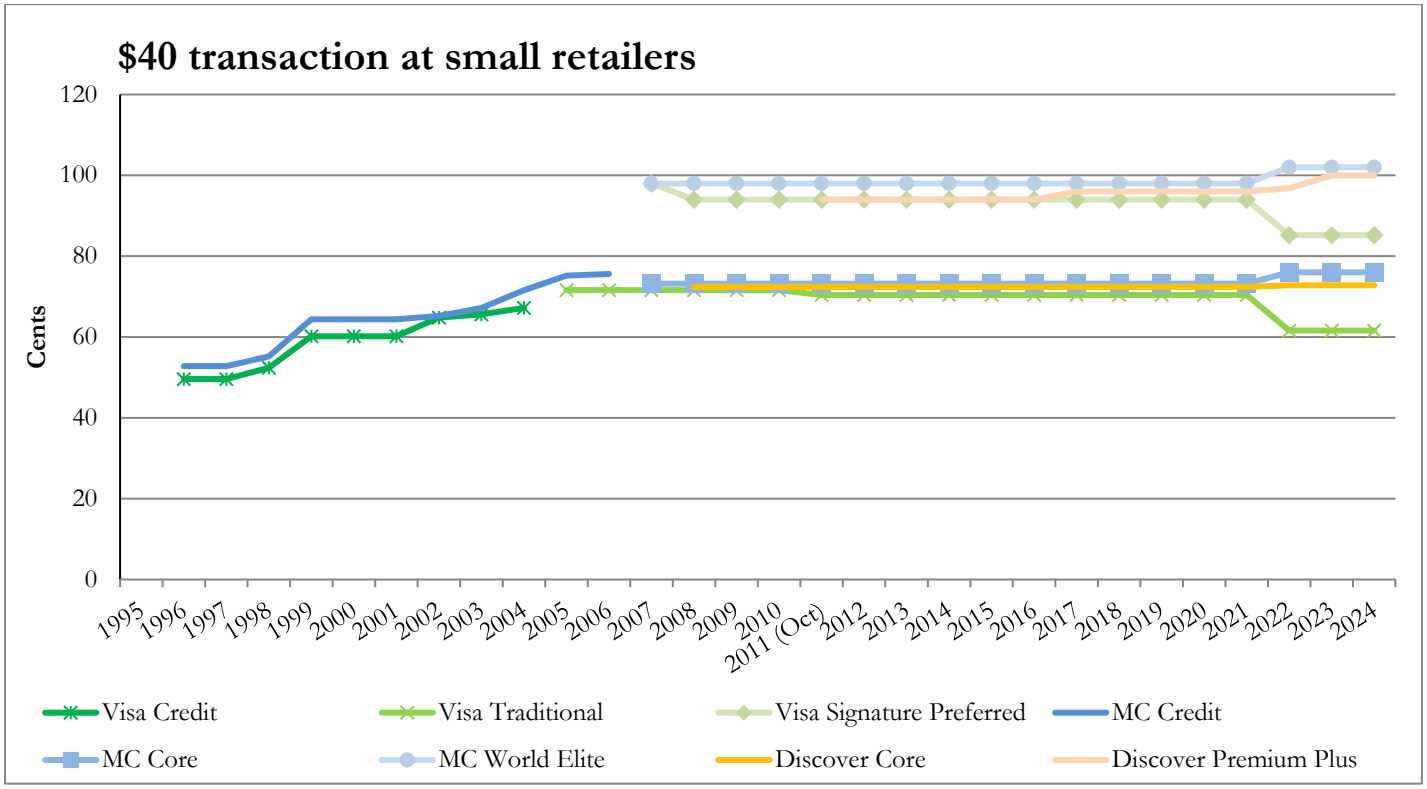
[‡] This update includes regular and "premium issuer" interchange fees for different merchant categories and sizes. In 2010 or after, several PIN-debit networks introduced the "premium issuer" fees, which are assessed on transactions where the cards belong to qualifying issuers that typically commit to a specific level of transaction volume on a given network. Fees shown in this document as assessed to merchants are from individual networks' fee schedules and may not necessarily represent interchange fee revenue issuers earn. Some networks also offer lower interchange fees than represented in the fee schedule to some (large) merchants.

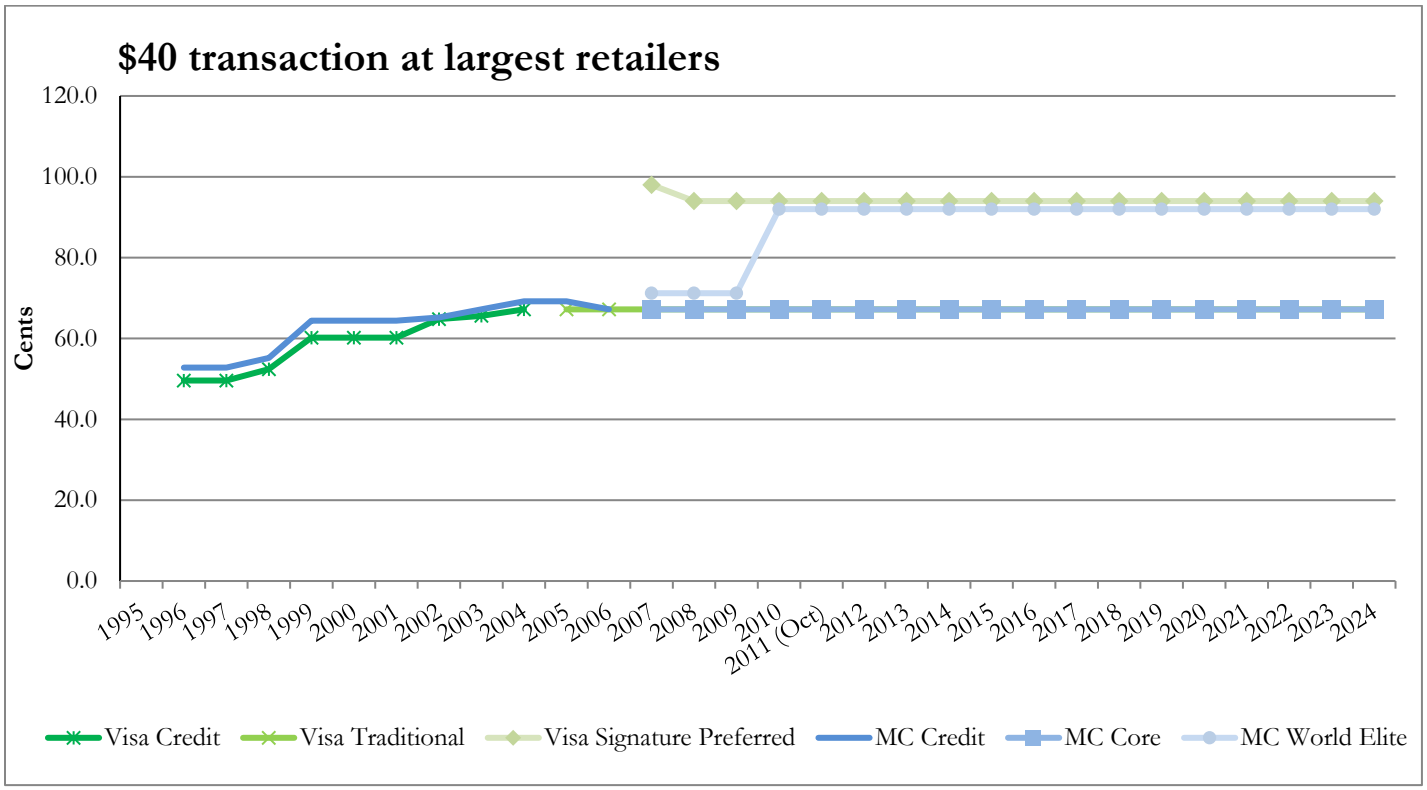
[§] Fumiko Hayashi, Vice President, Aditi Routh, Economist, Sam Baird, Payments Specialist, and Kennady A. Schertzer, Research Associate, compiled this update. Data sources are: *American Banker* (various issues); *ATM & Debit News* (various issues); *Credit Card Management* (April 1999); *Debit Card Directory* (various years); *EFT Data Book* (various years); *Pacificisland.publishpath.com*; *Vantagecard.com*; *Monerisusa.com*; *helcim.com*; FIS; Wells Fargo; Mastercard; and Visa Inc. The original charts appeared in Fumiko Hayashi, Richard J. Sullivan, and Stuart E. Weiner. 2003. *A Guide to the ATM and Debit Card Industry*, Federal Reserve Bank of Kansas City; Fumiko Hayashi, 2006. "A Puzzle of Card Payment Pricing: Why Are Merchants Still Accepting Card Payments?" *Review of Network Economic*, 5(1): 144-174; Fumiko Hayashi, Richard J. Sullivan, and Stuart E. Weiner, 2006. *A Guide to the ATM and Debit Card Industry: 2006 Update*, Federal Reserve Bank of Kansas City; and Fumiko Hayashi, 2009. "Do U.S. Consumers Really Benefit from Payment Card Rewards?" Federal Reserve Bank of Kansas City *Economic Review*, First Quarter: 37-63.

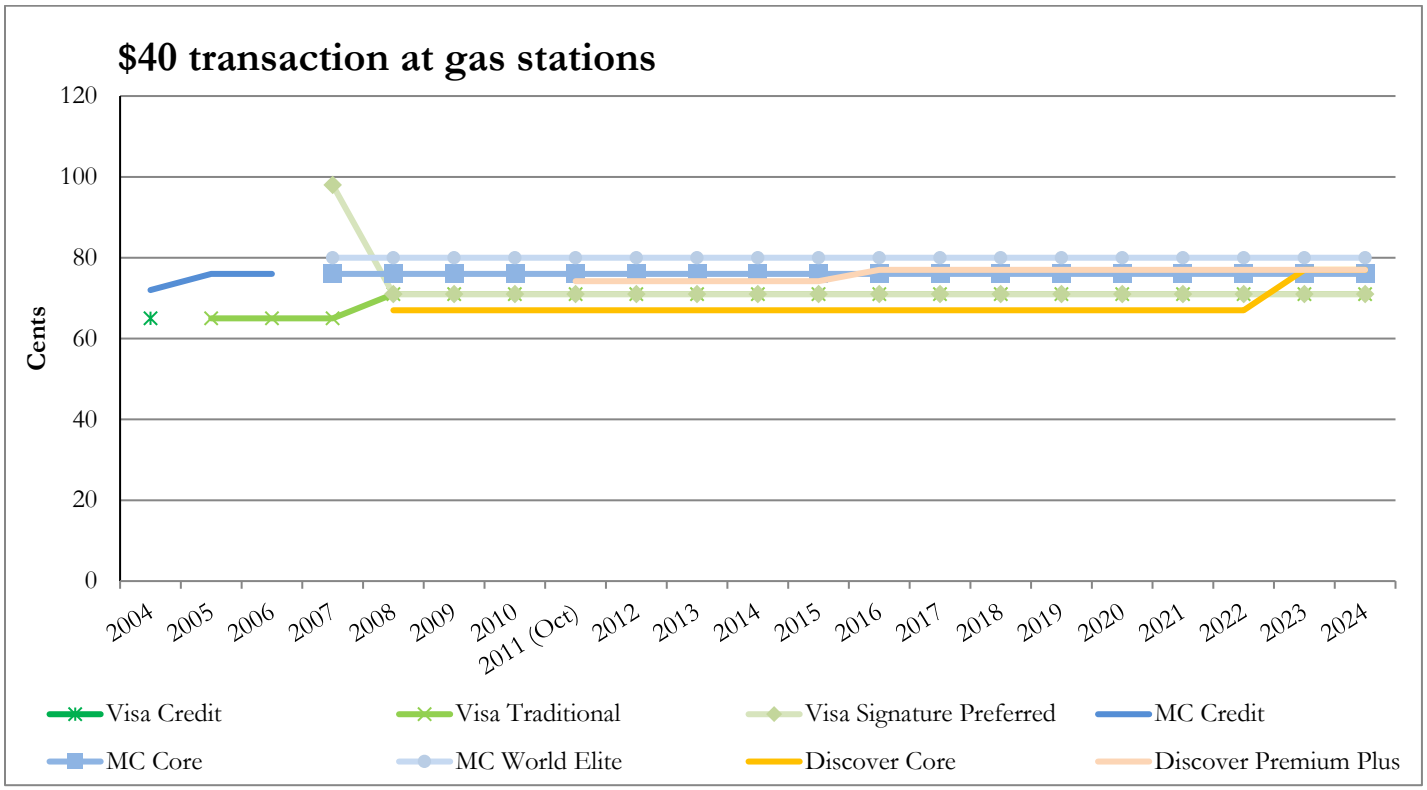
I. Consumer credit card interchange fees

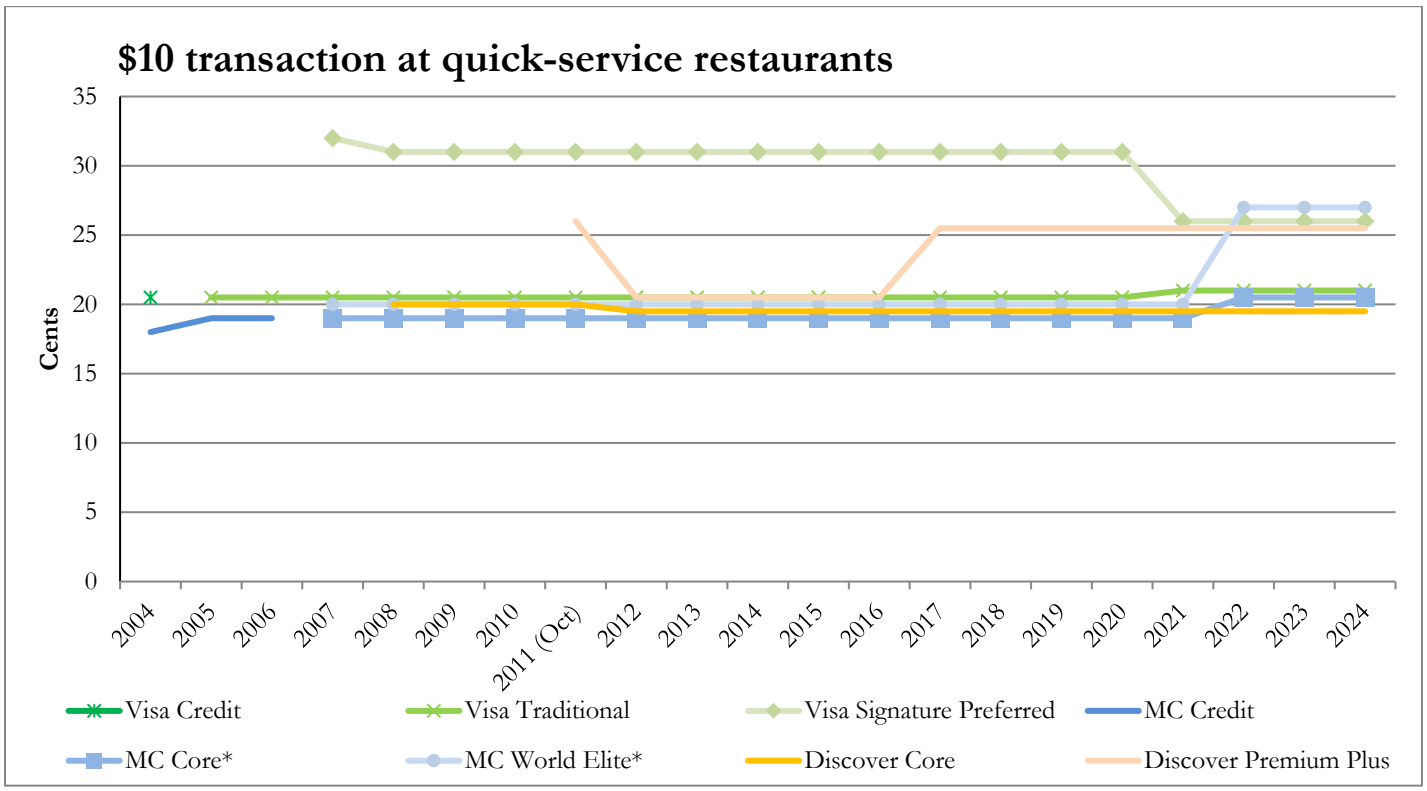




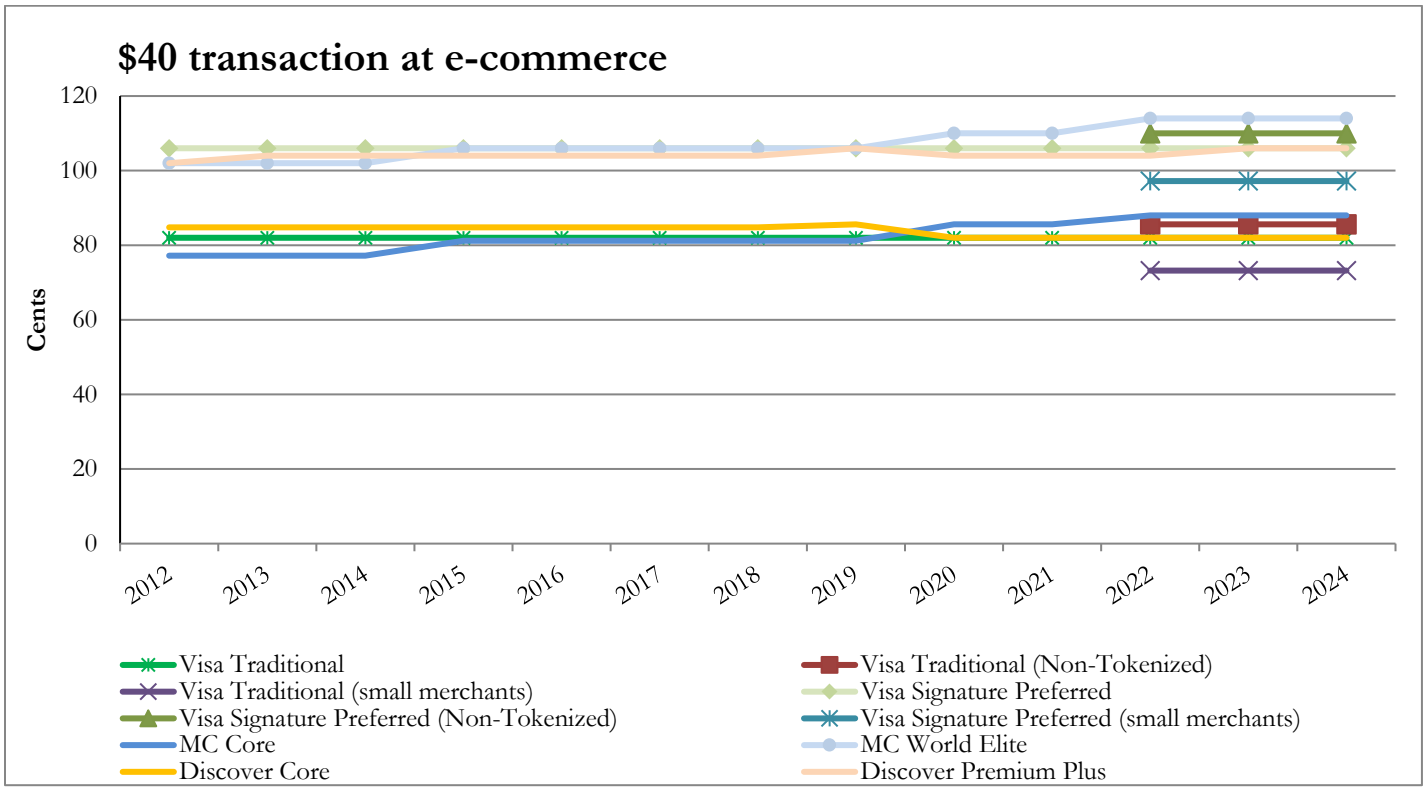

$40 transaction at small retailers
120
100
80
60
40
20
0
Cents
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 (Oct) 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024
Visa Credit
Visa Traditional
Visa Signature Preferred
MC Credit
MC Core
MC World Elite
Discover Core
Discover Premium Plus


$40 transaction at largest retailers
120.0
100.0
80.0
60.0
40.0
20.0
0.0
Cents
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 (Oct) 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024
Visa Credit
Visa Traditional
Visa Signature Preferred
MC Credit
MC Core
MC World Elite

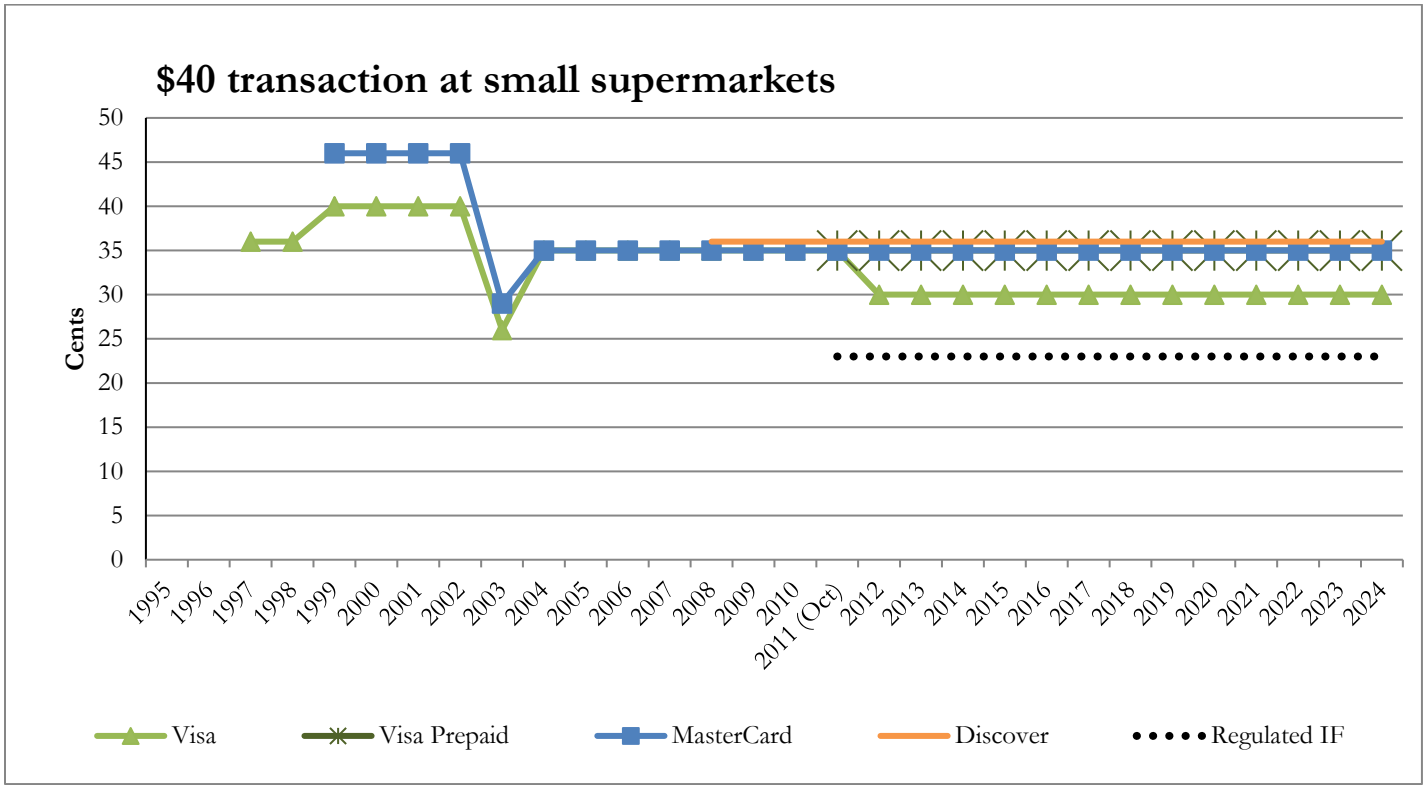


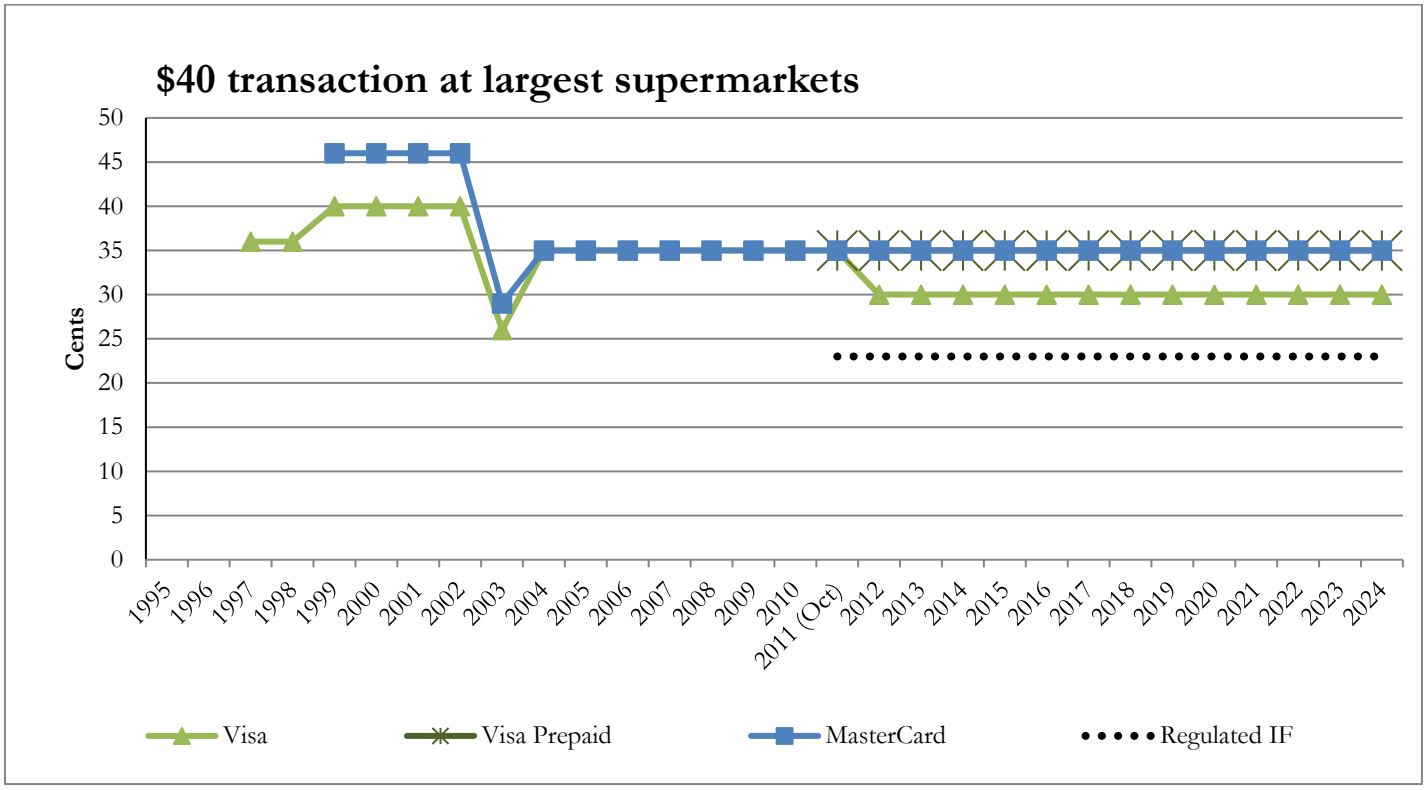


Notes: * indicates products with volume tiered rates. The base rates are shown.

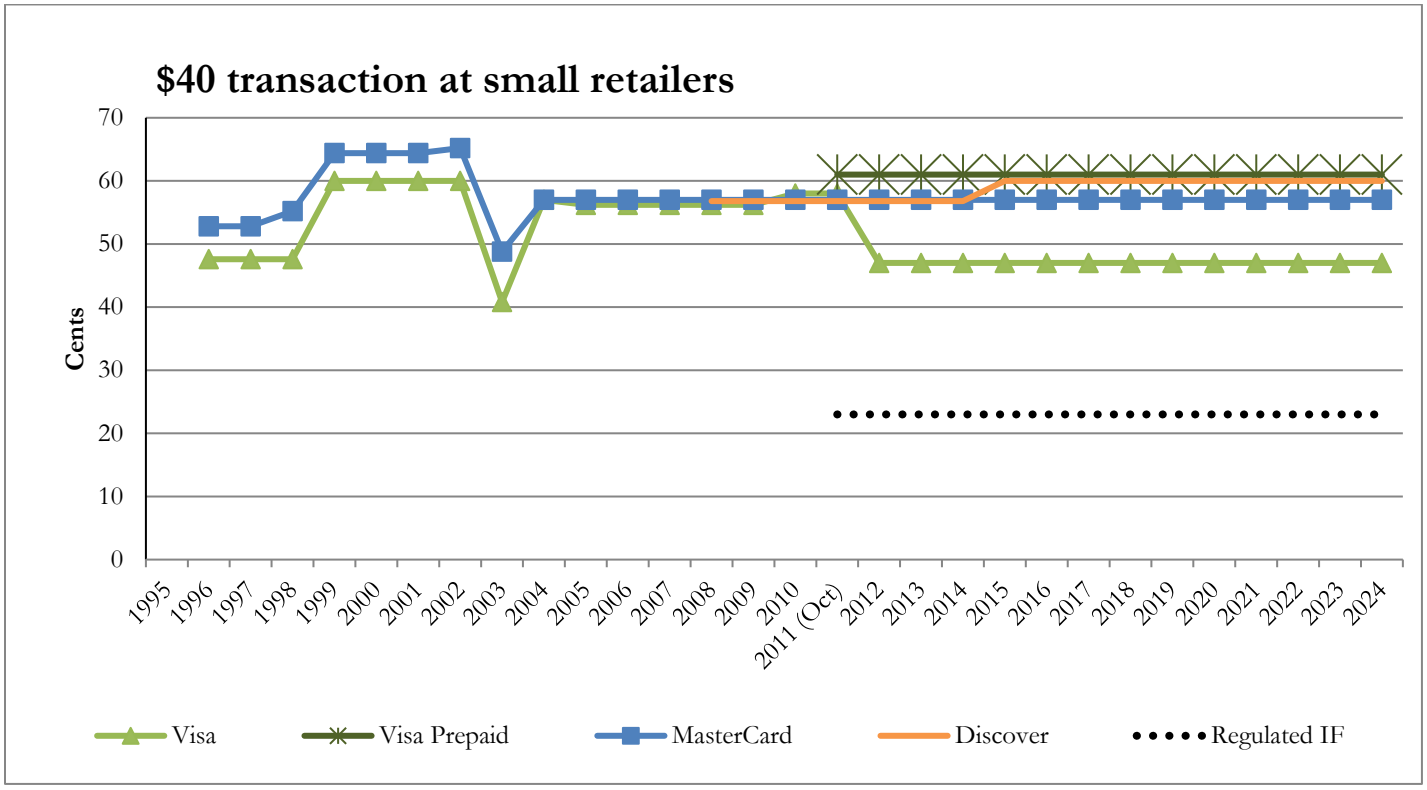

$40 transaction at e-commerce
Cents
120
100
80
60
40
20
0
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
Visa Traditional
Visa Traditional (Non-Tokenized)
Visa Traditional (small merchants)
Visa Signature Preferred
Visa Signature Preferred (Non-Tokenized)
Visa Signature Preferred (small merchants)
MC Core
MC World Elite
Discover Core
Discover Premium Plus

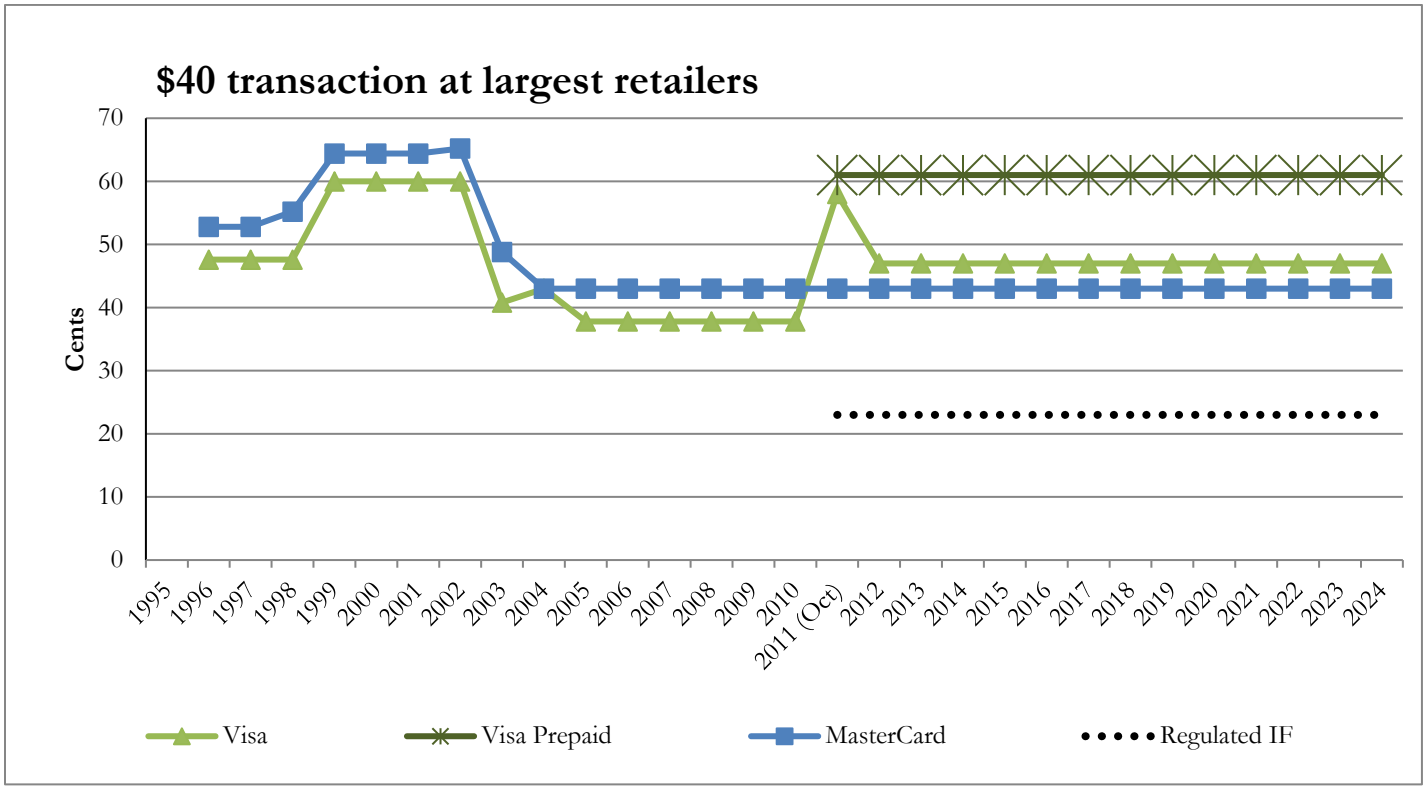
II. Consumer signature debit card interchange fees



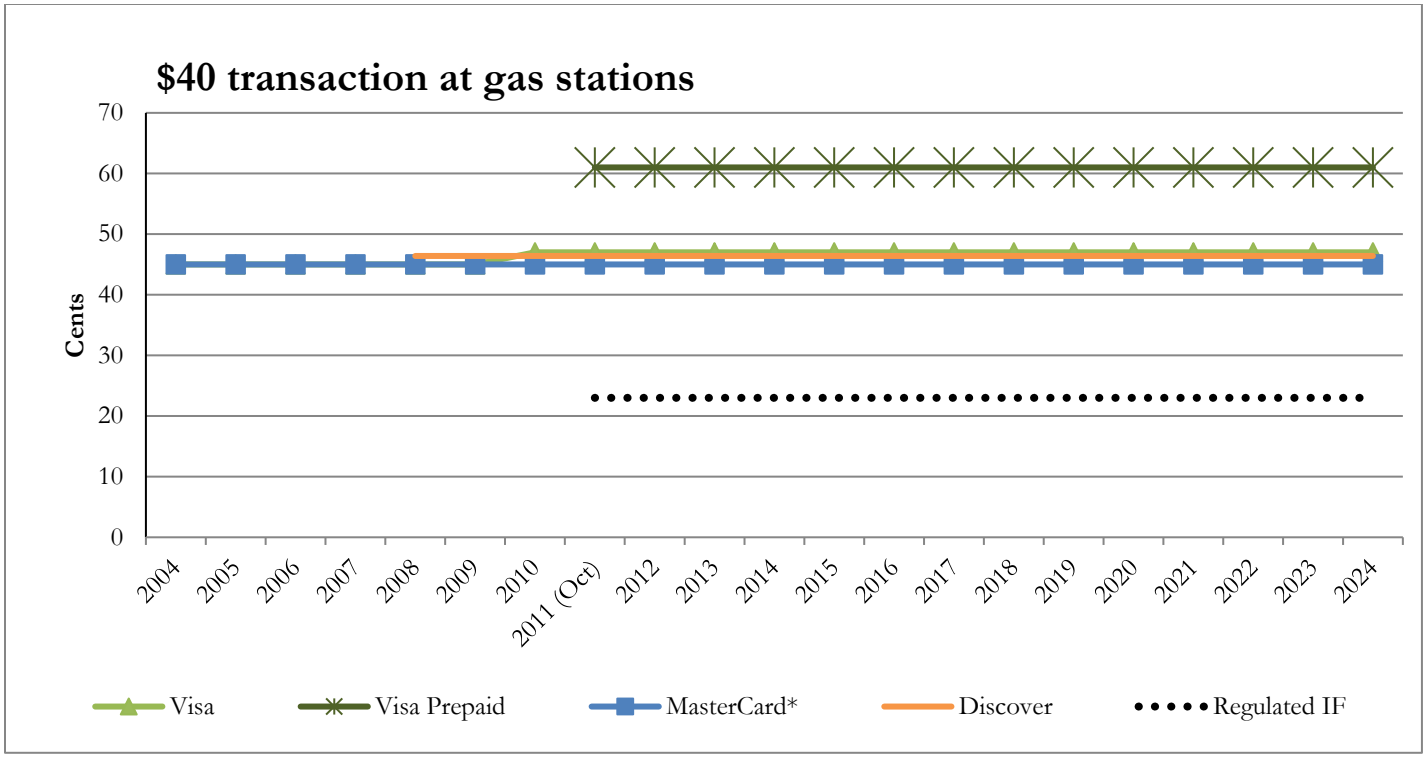


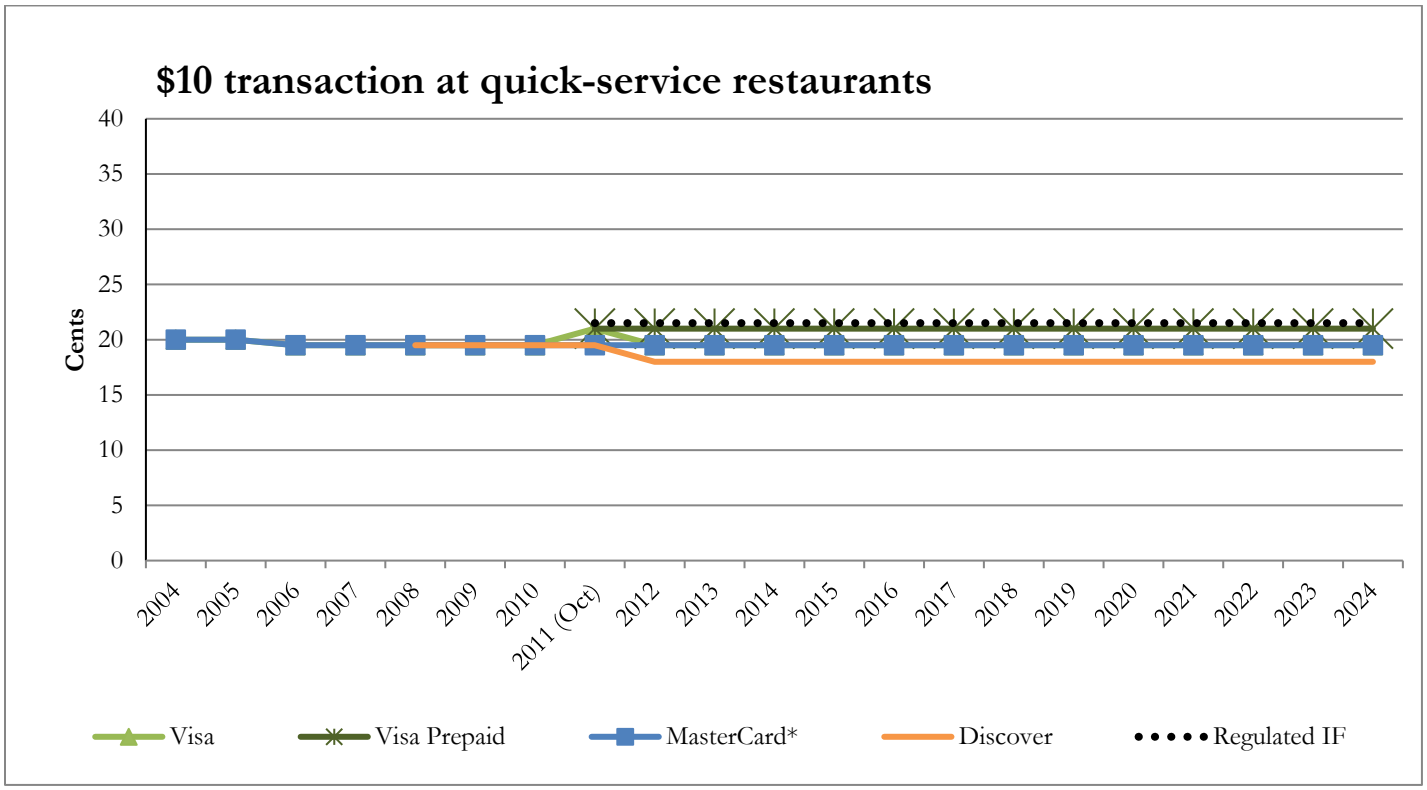
Note: Exempt interchange fees are shown from October 2011 to 2024.



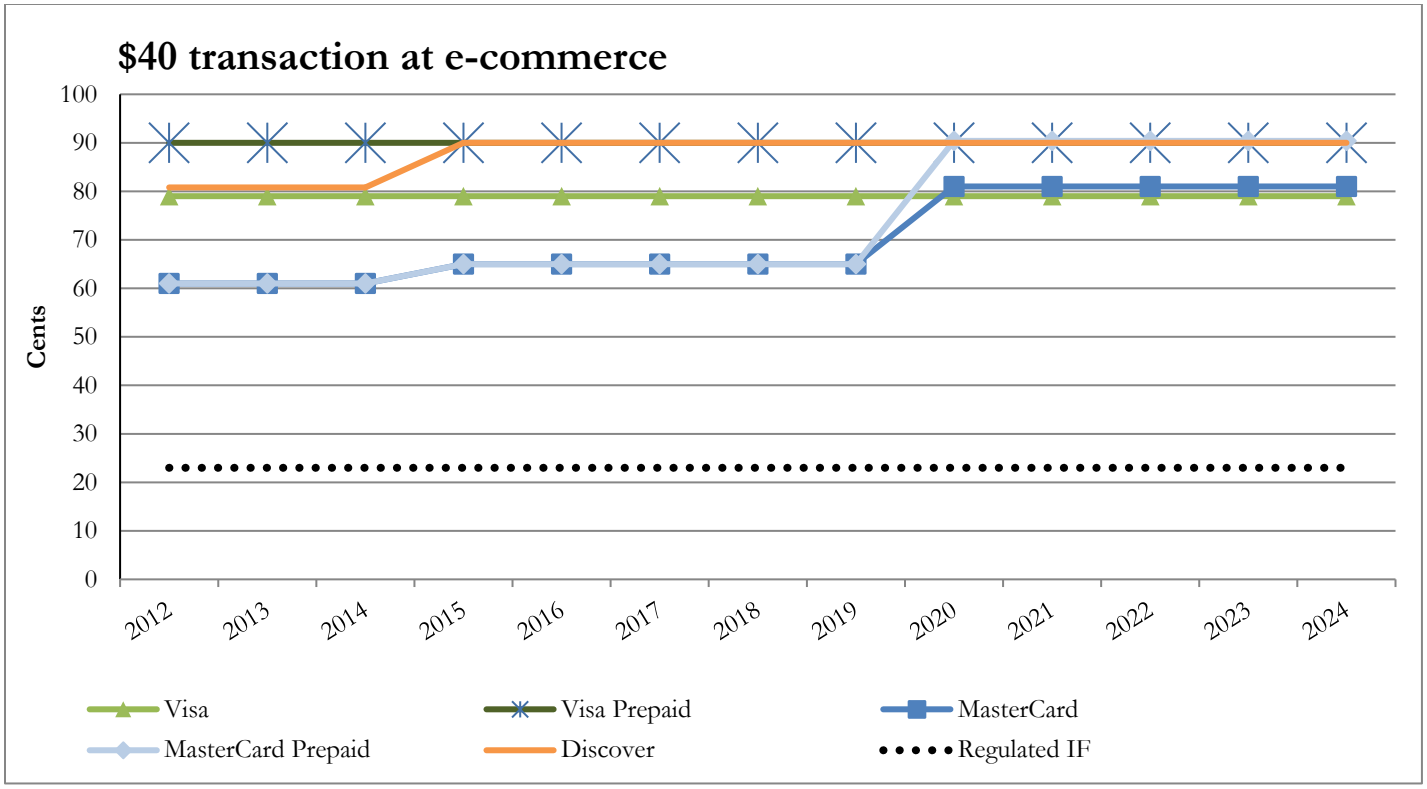


Note: Exempt interchange fees are shown from October 2011 to 2024.



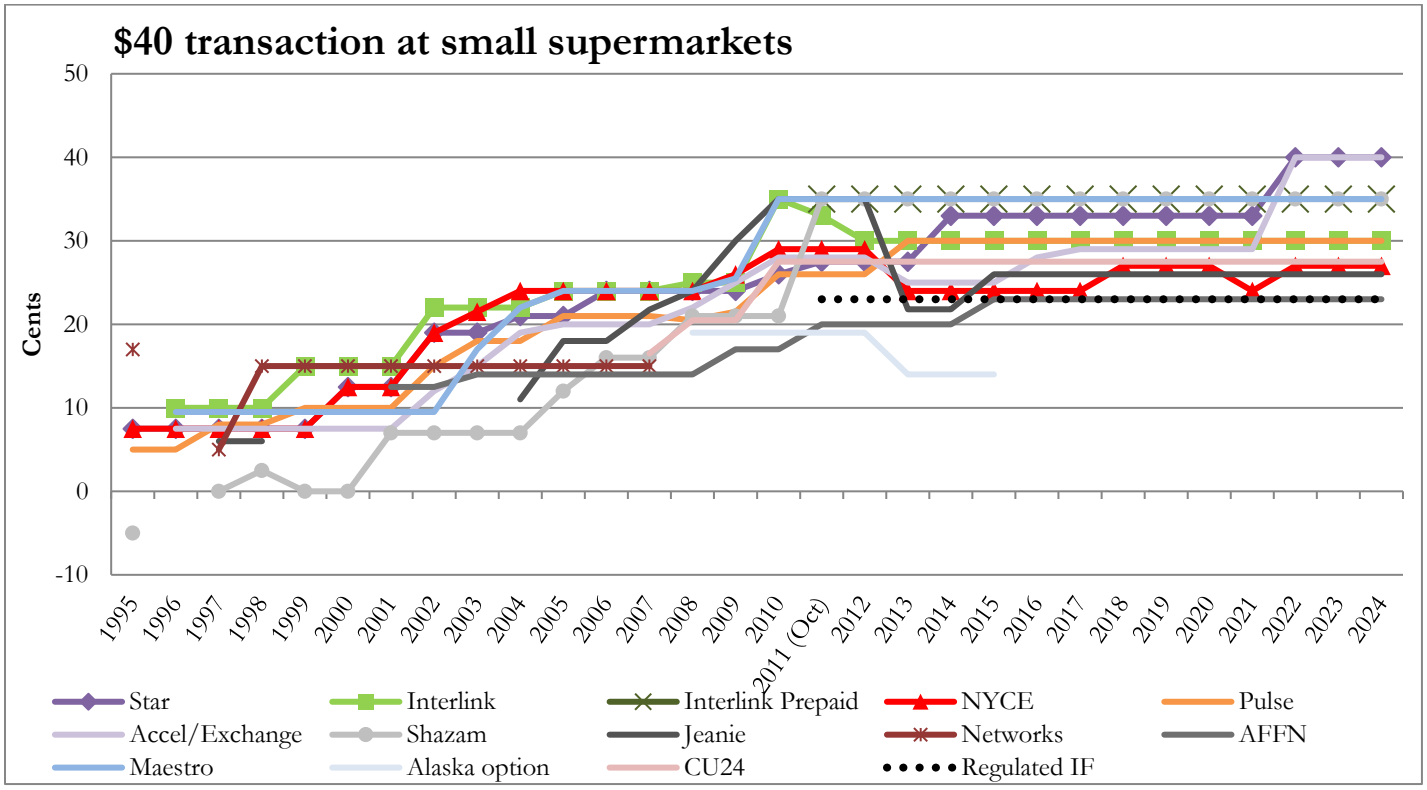


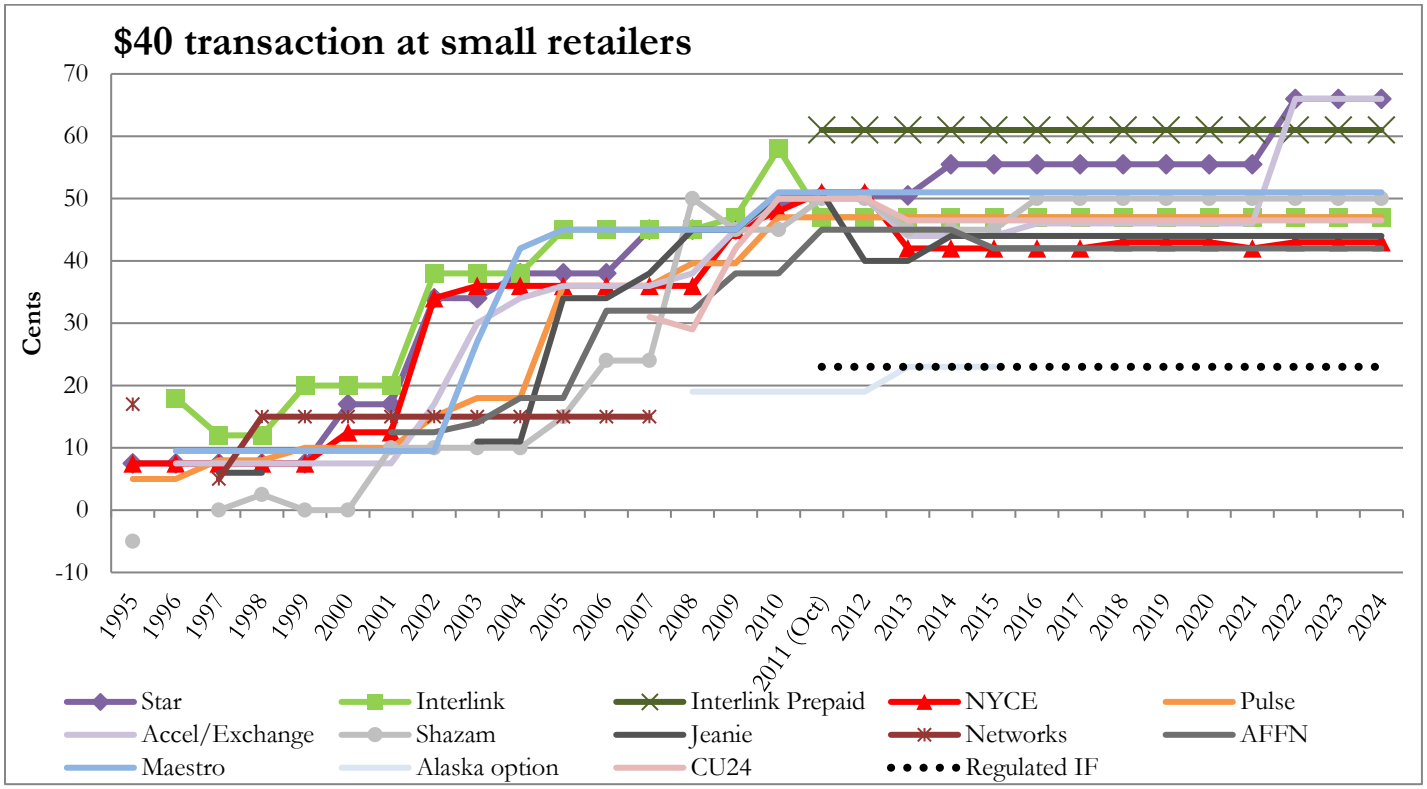
Notes: Exempt interchange fees are shown from October 2011 to 2024.
* indicates networks with volume tiered rates. The base rates are shown.



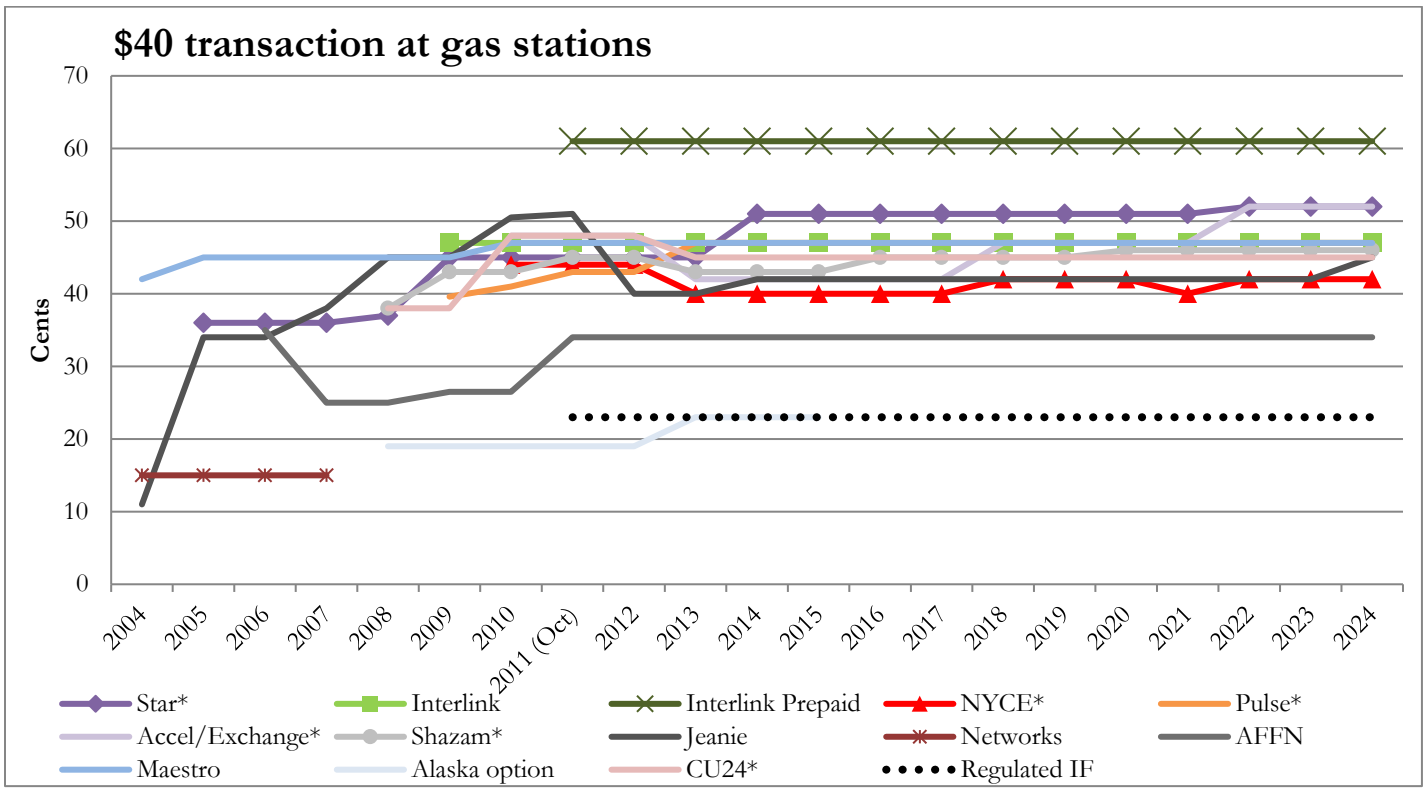
Notes: Exempt interchange fees are shown.

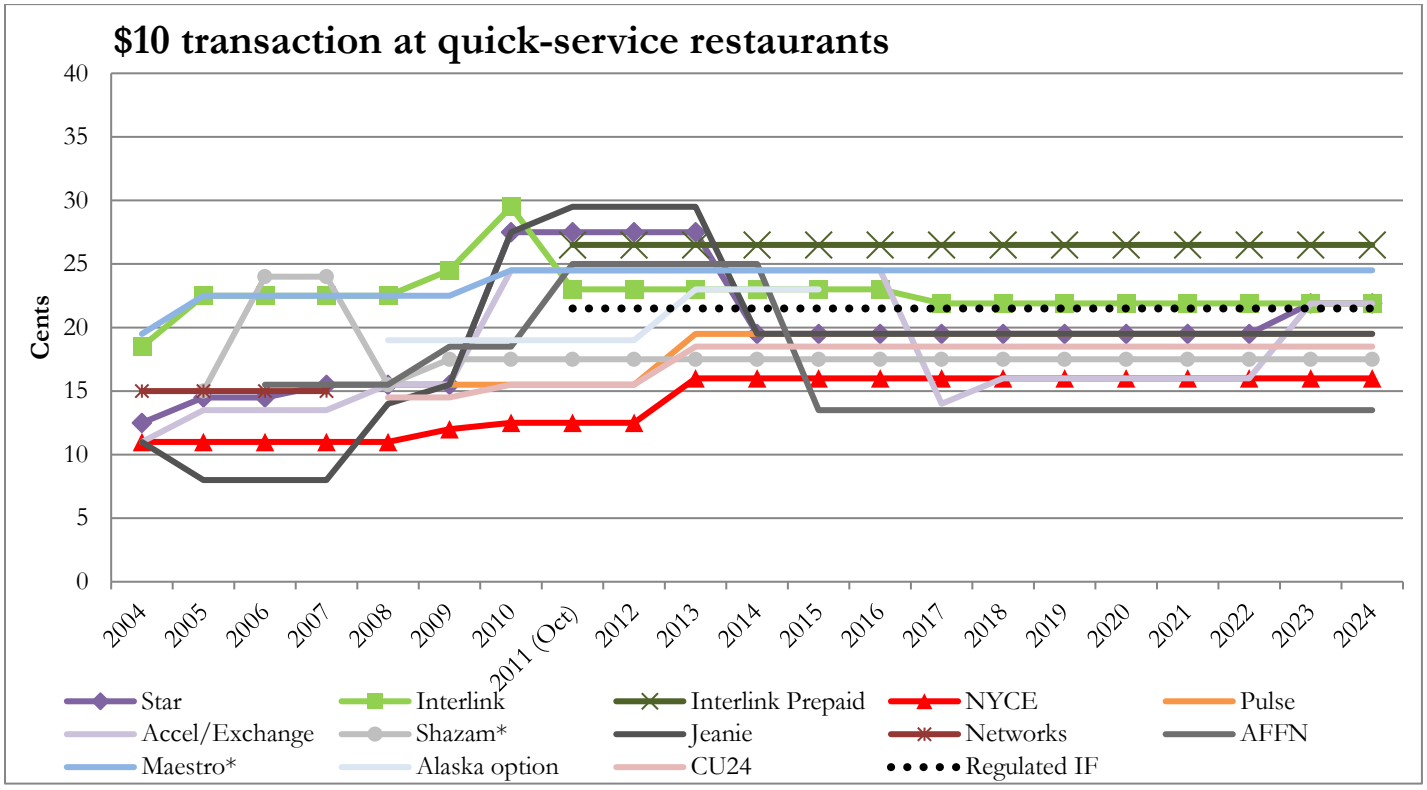
III. Consumer PIN debit card interchange fees



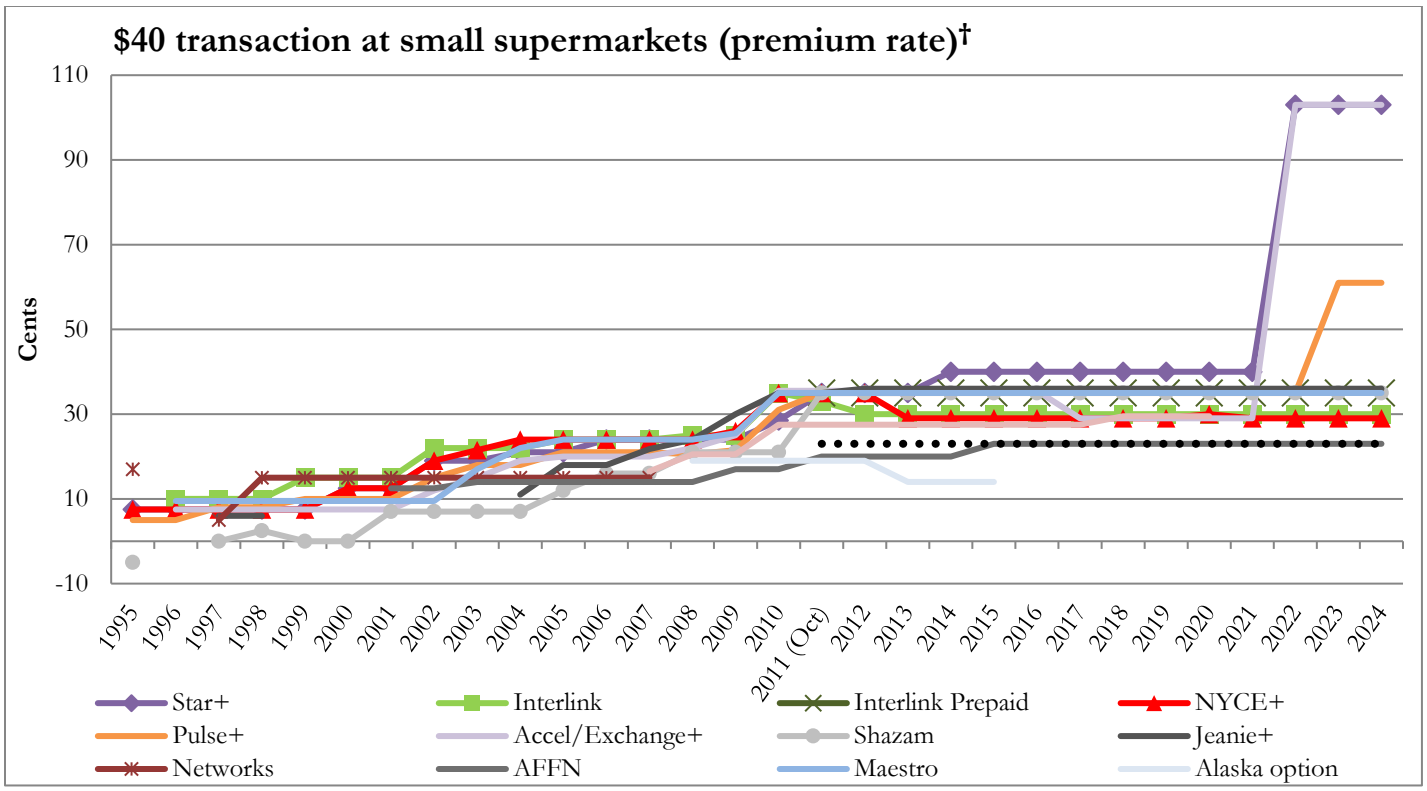


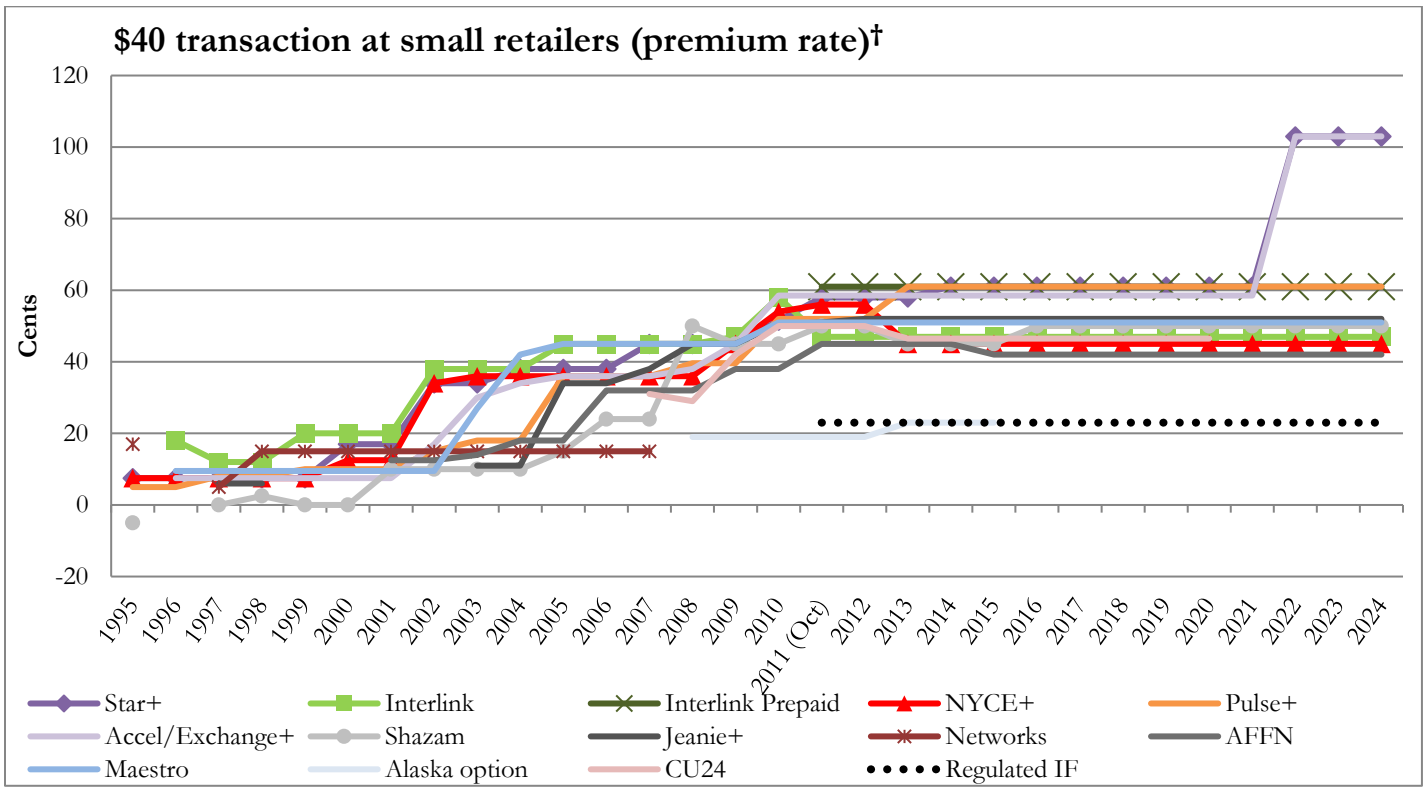
Note: Exempt interchange fees are shown from October 2011 to 2024.



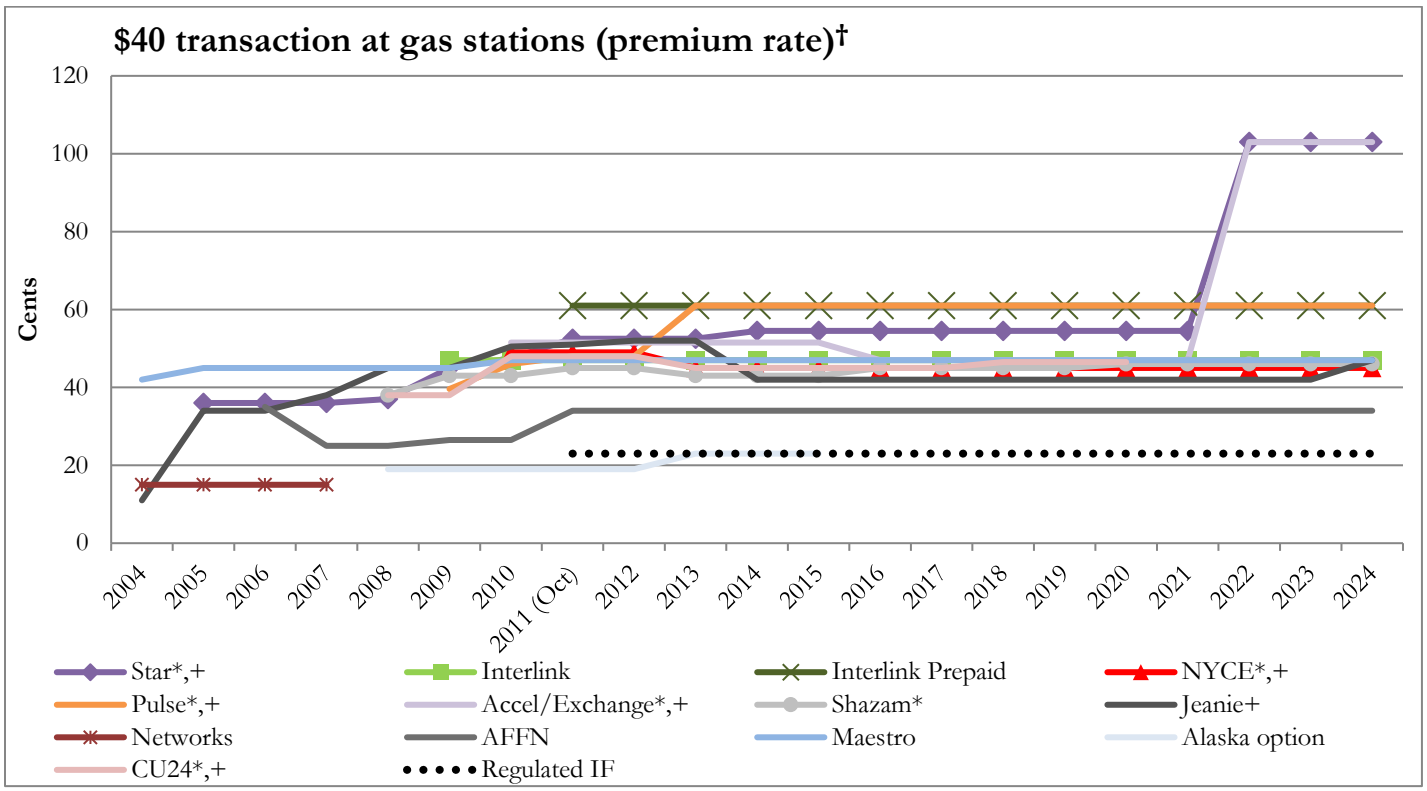


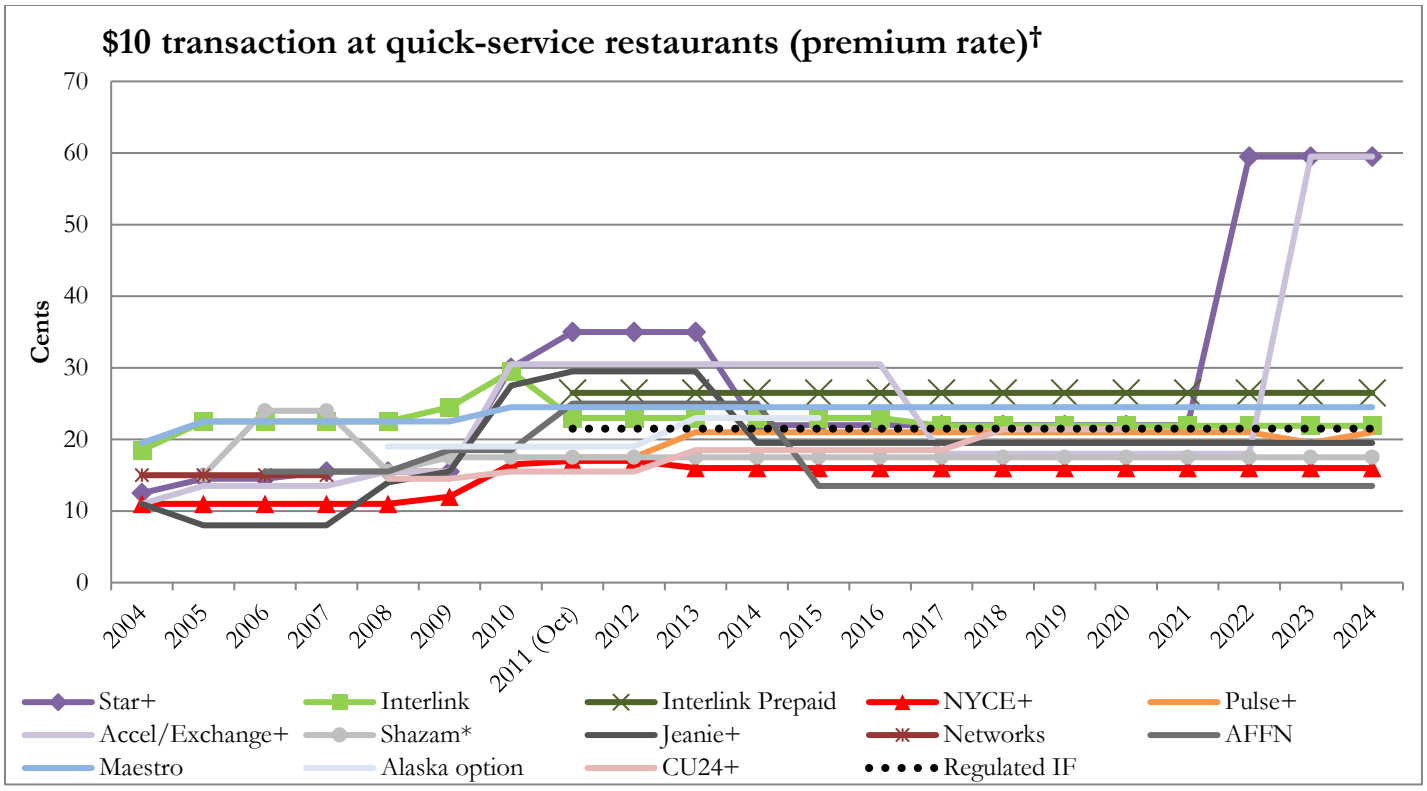
Notes: Exempt interchange fees are shown from October 2011 to 2024.
* indicates networks with volume tiered rates. The base rates are shown.





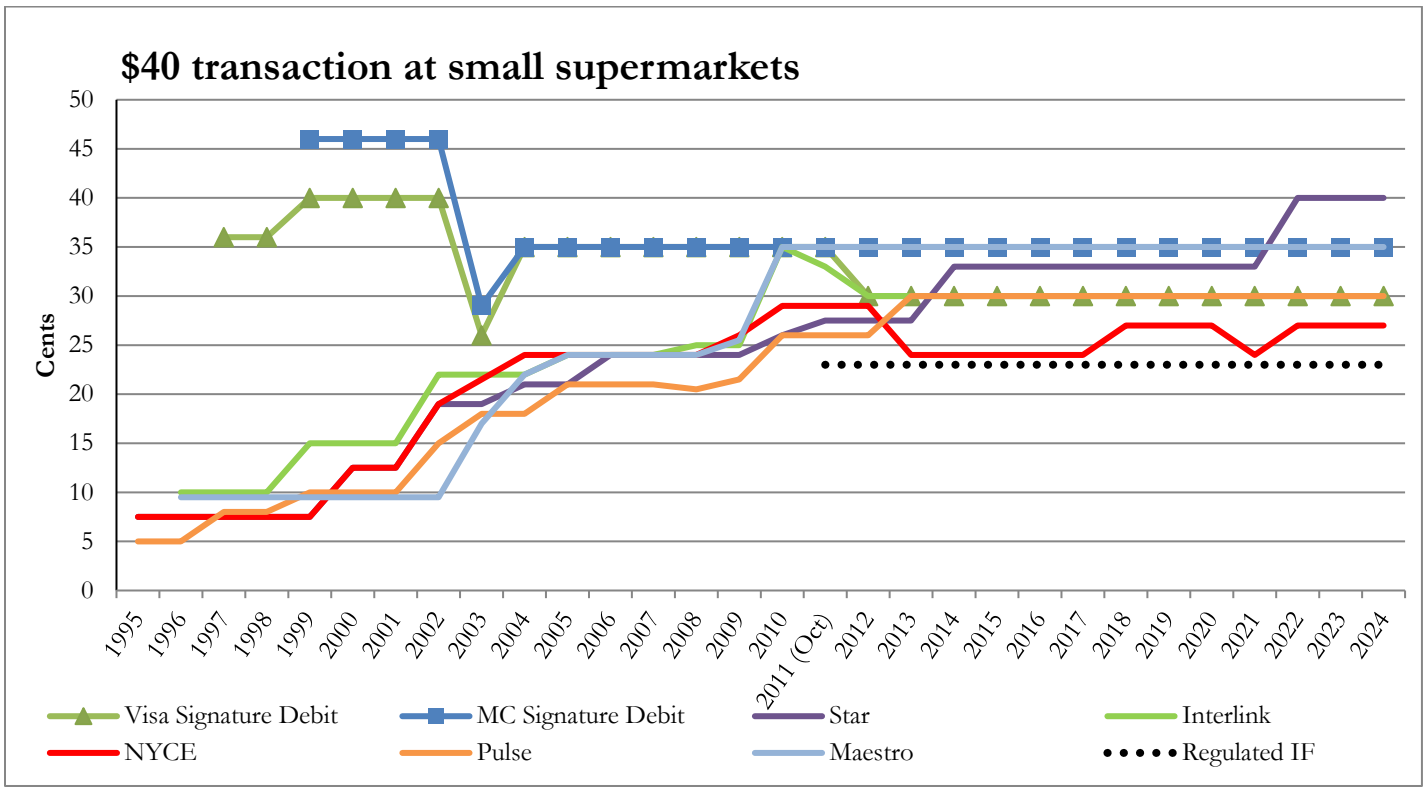
Notes: Exempt interchange fees are shown from October 2011 to 2024.
†See footnote ‡ in the title page for the definition of premium issuer rate.
+ indicates networks with premium issuer rates, which are shown. For other networks, regular rates are shown.
* indicates networks with volume tiered rates. The base rates are shown.

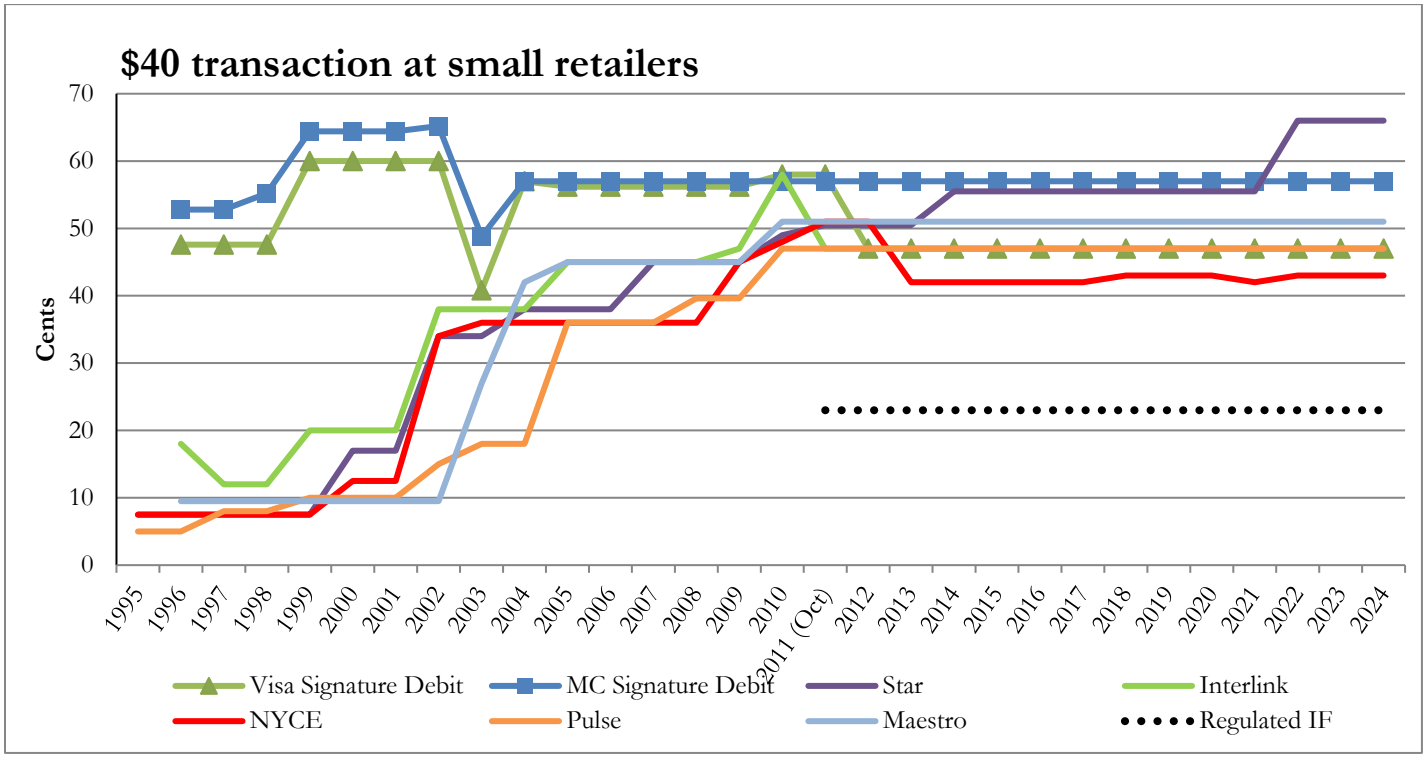




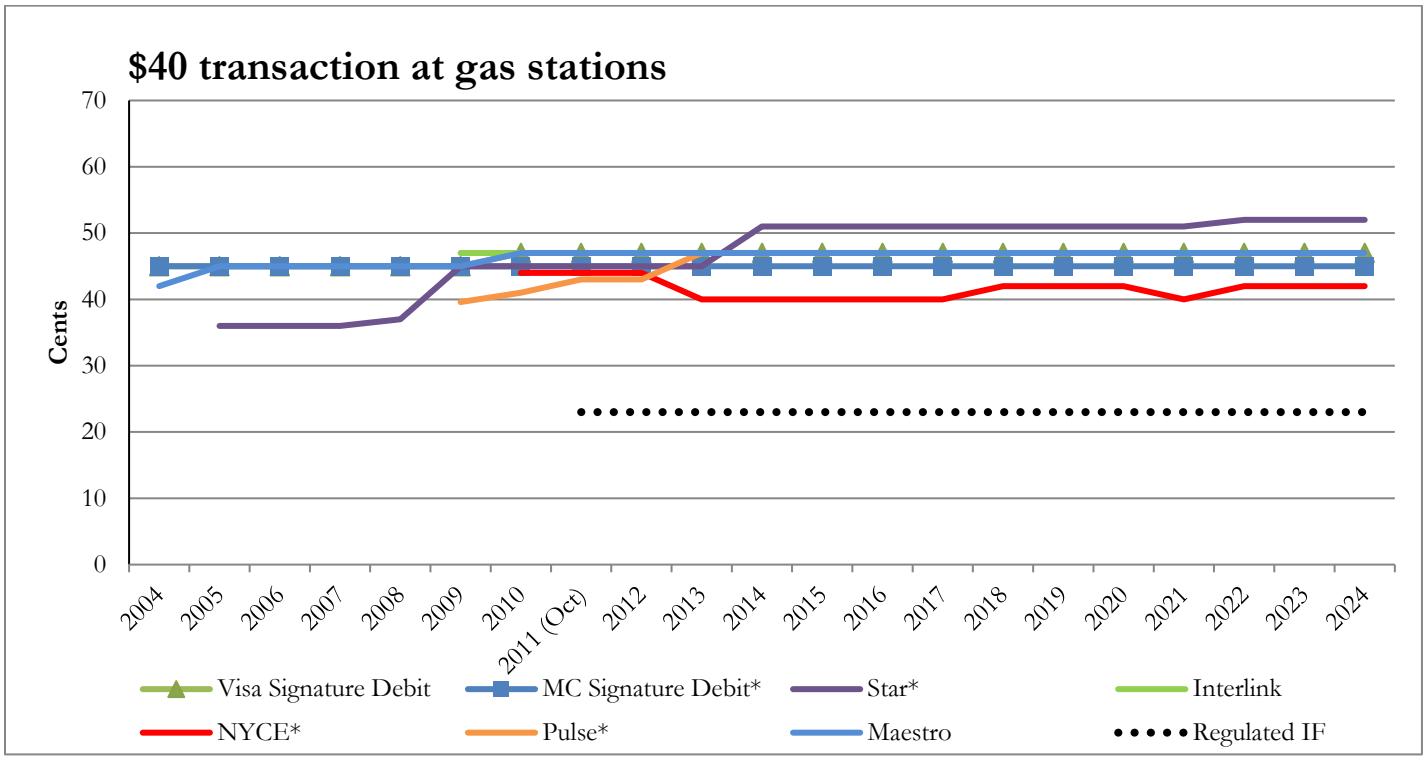
Notes: Exempt interchange fees are shown from October 2011 to 2024.
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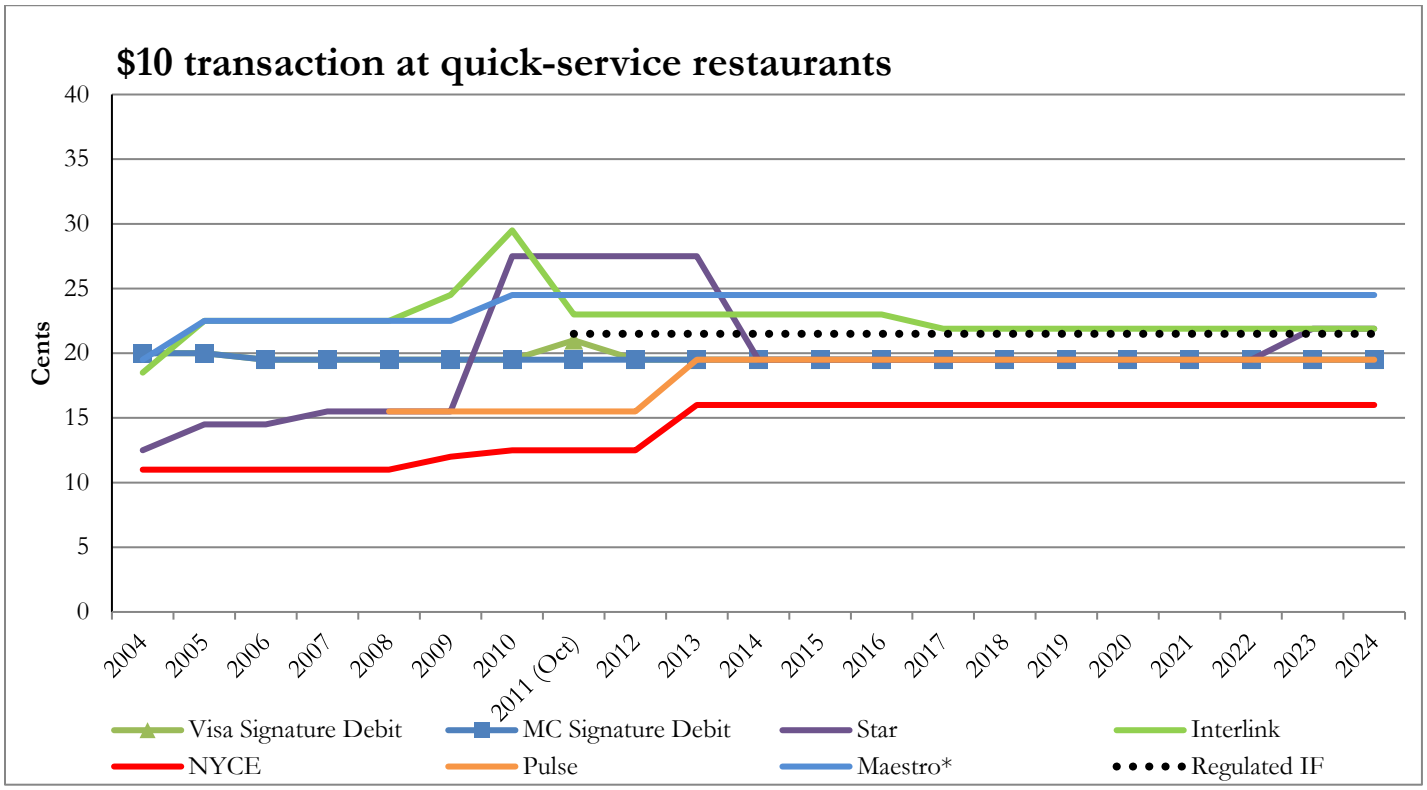
IV. Consumer signature versus PIN debit interchange fees



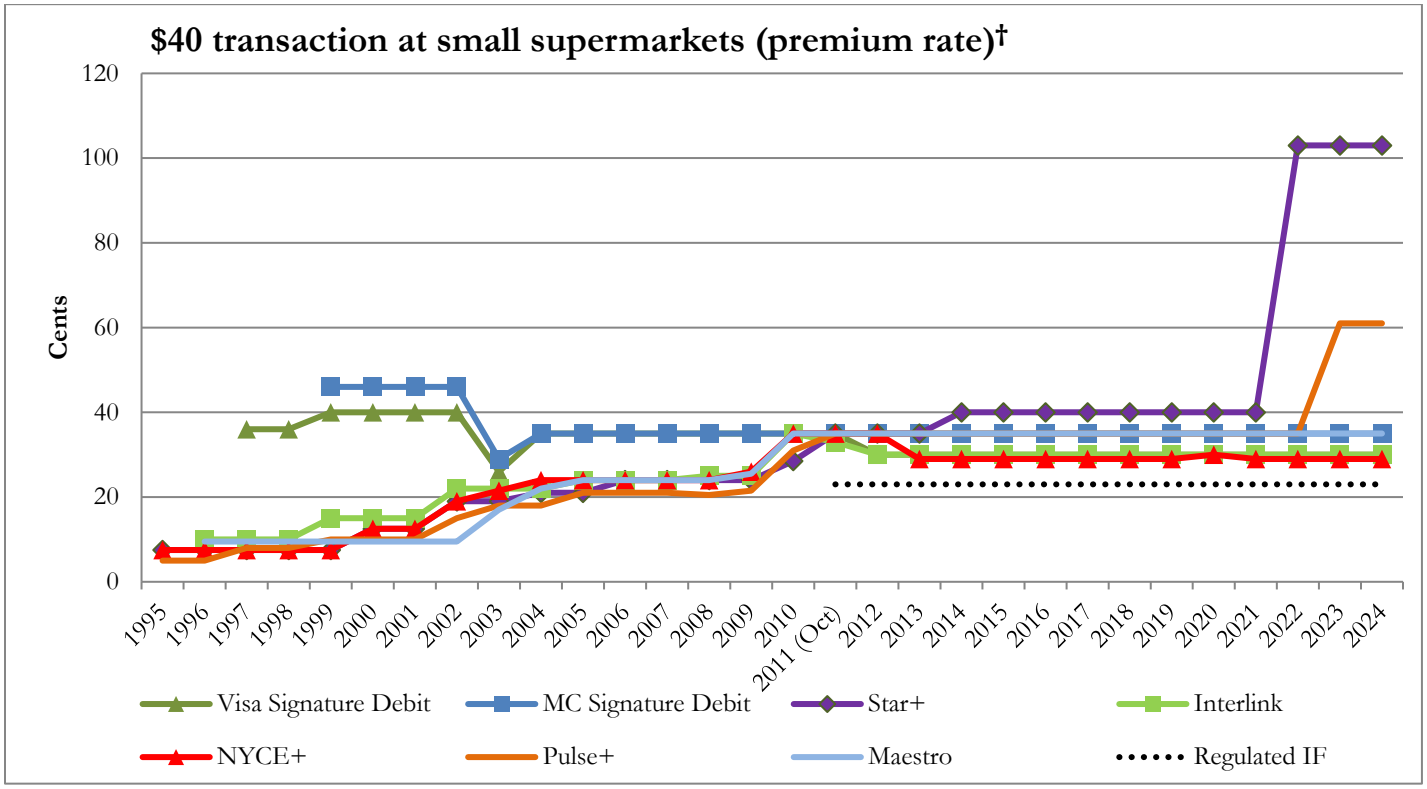


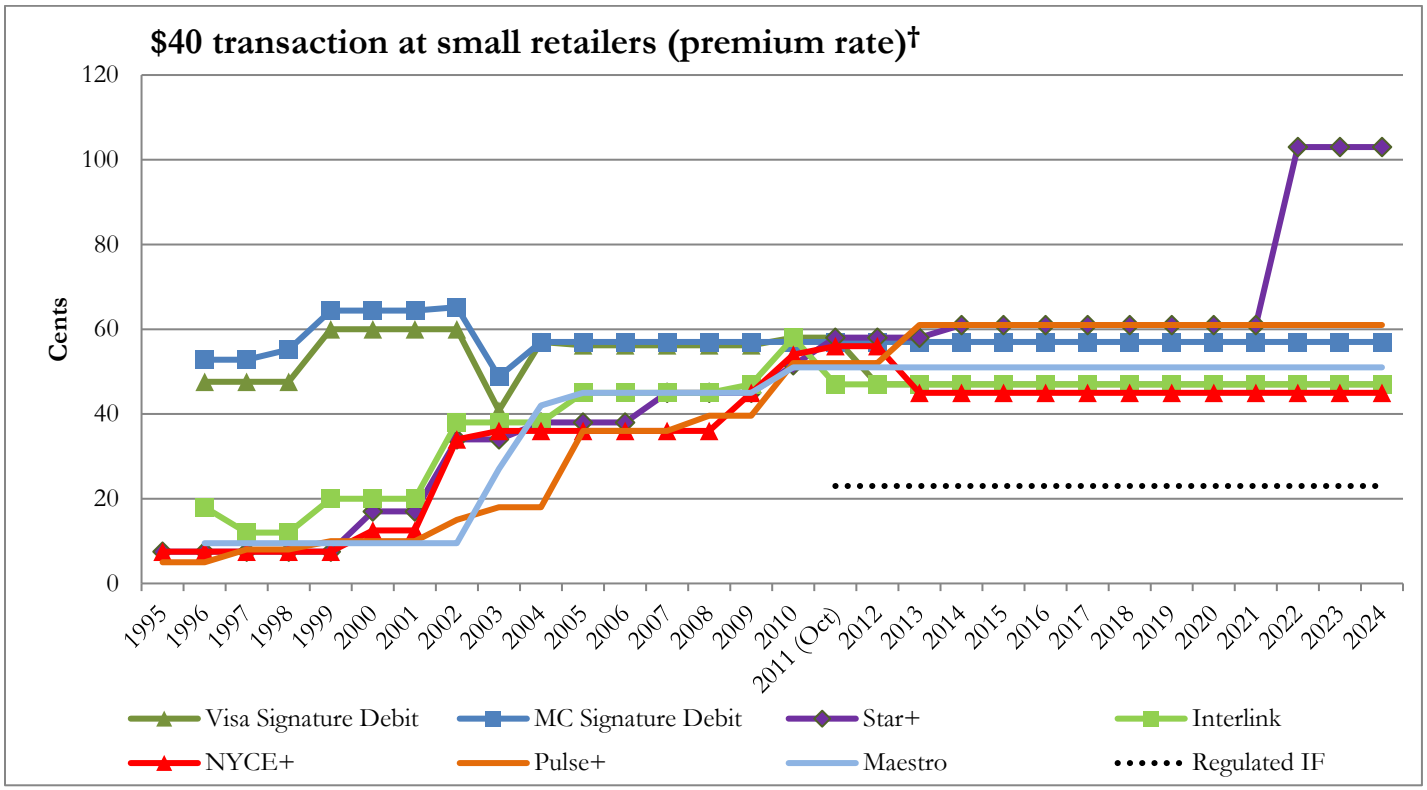
Note: Exempt interchange fees are shown from October 2011 to 2024.



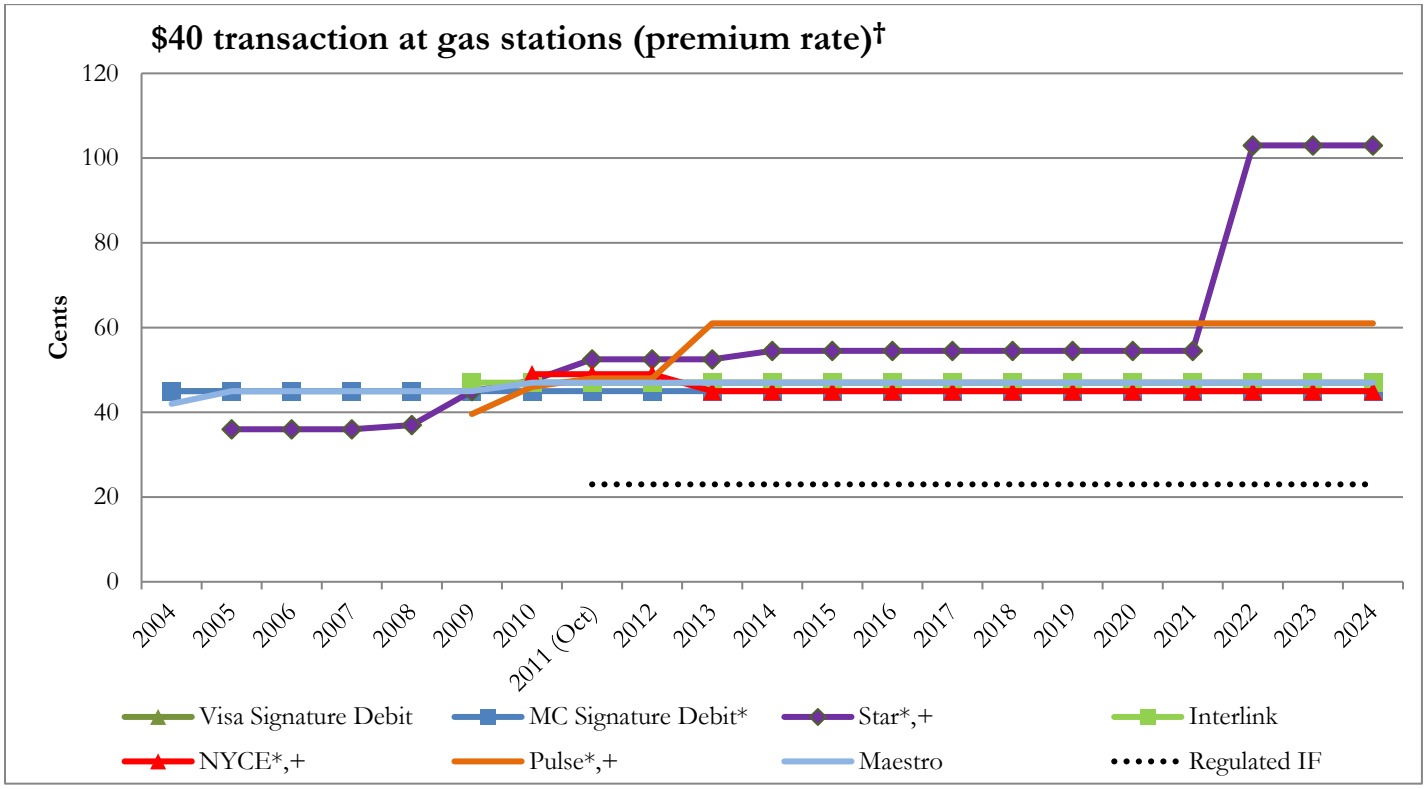


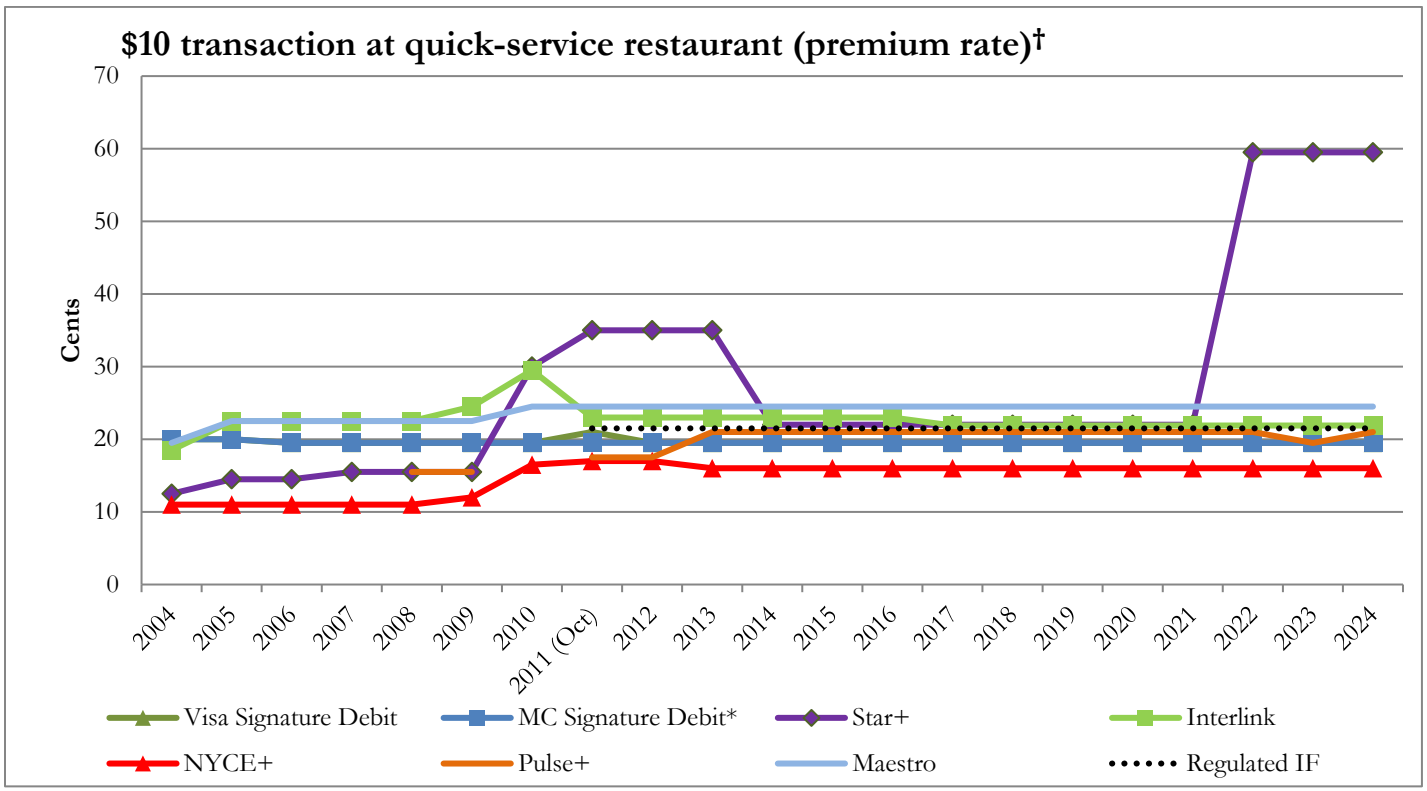
Notes: Exempt interchange fees are shown from October 2011 to 2024.
* indicates networks with volume tiered rates. The base rates are shown.





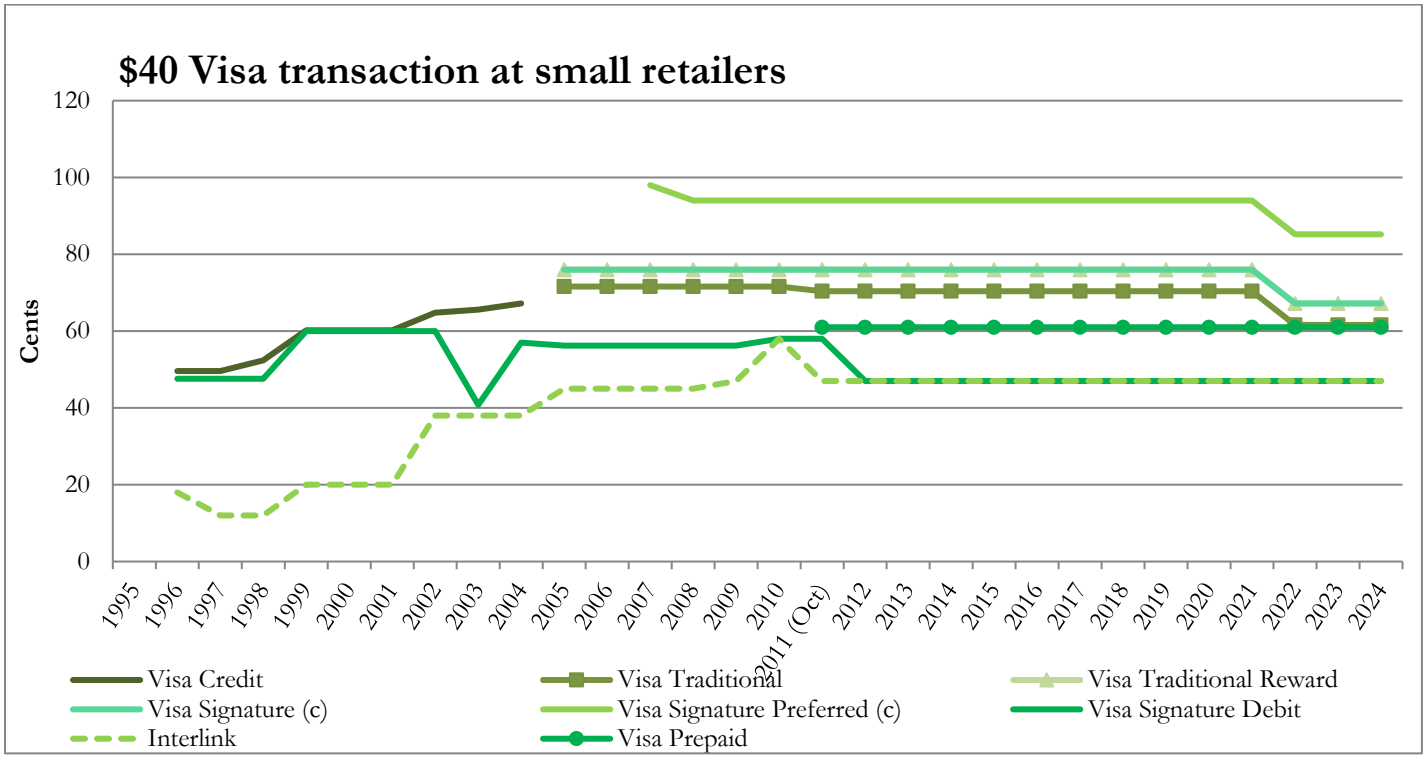
Notes: Exempt interchange fees are shown from October 2011 to 2024.
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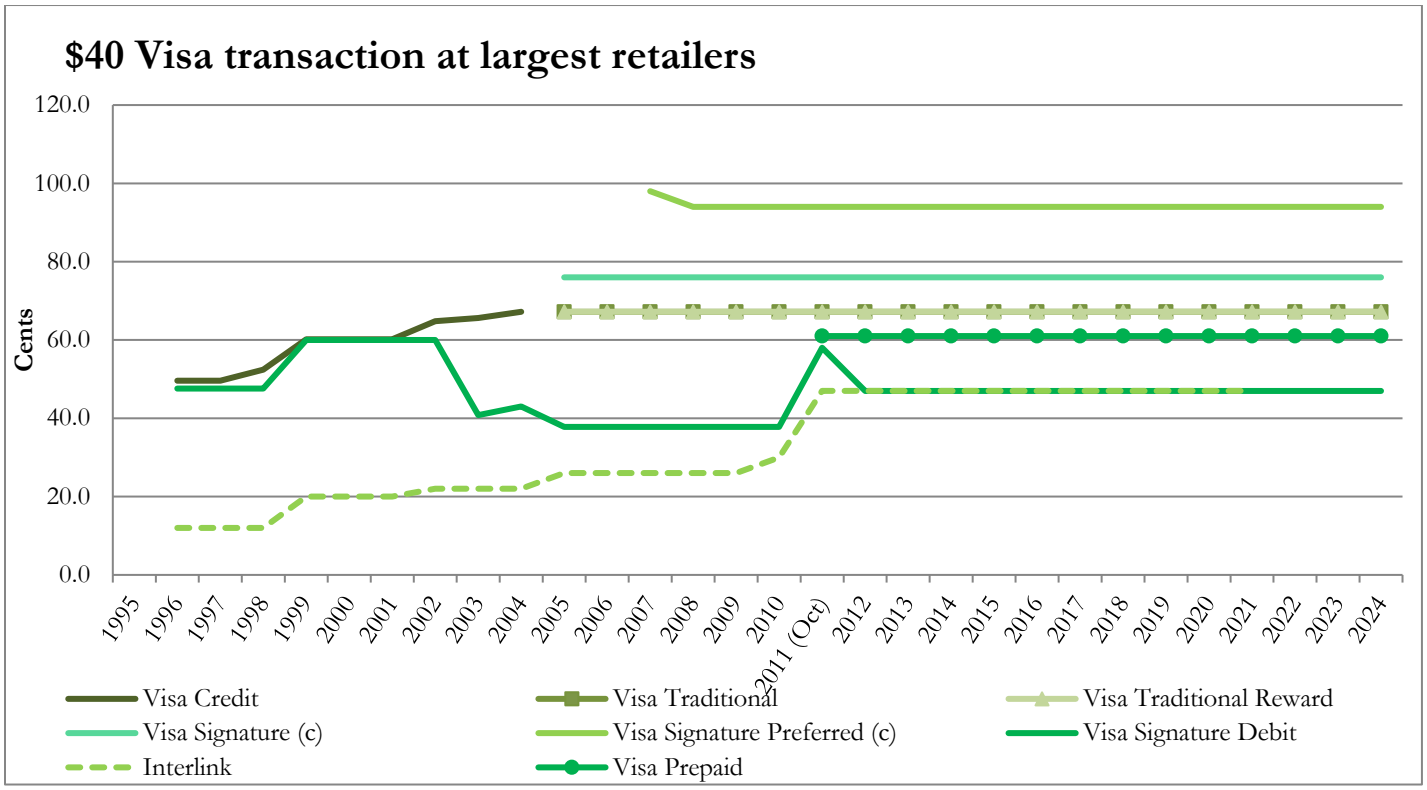




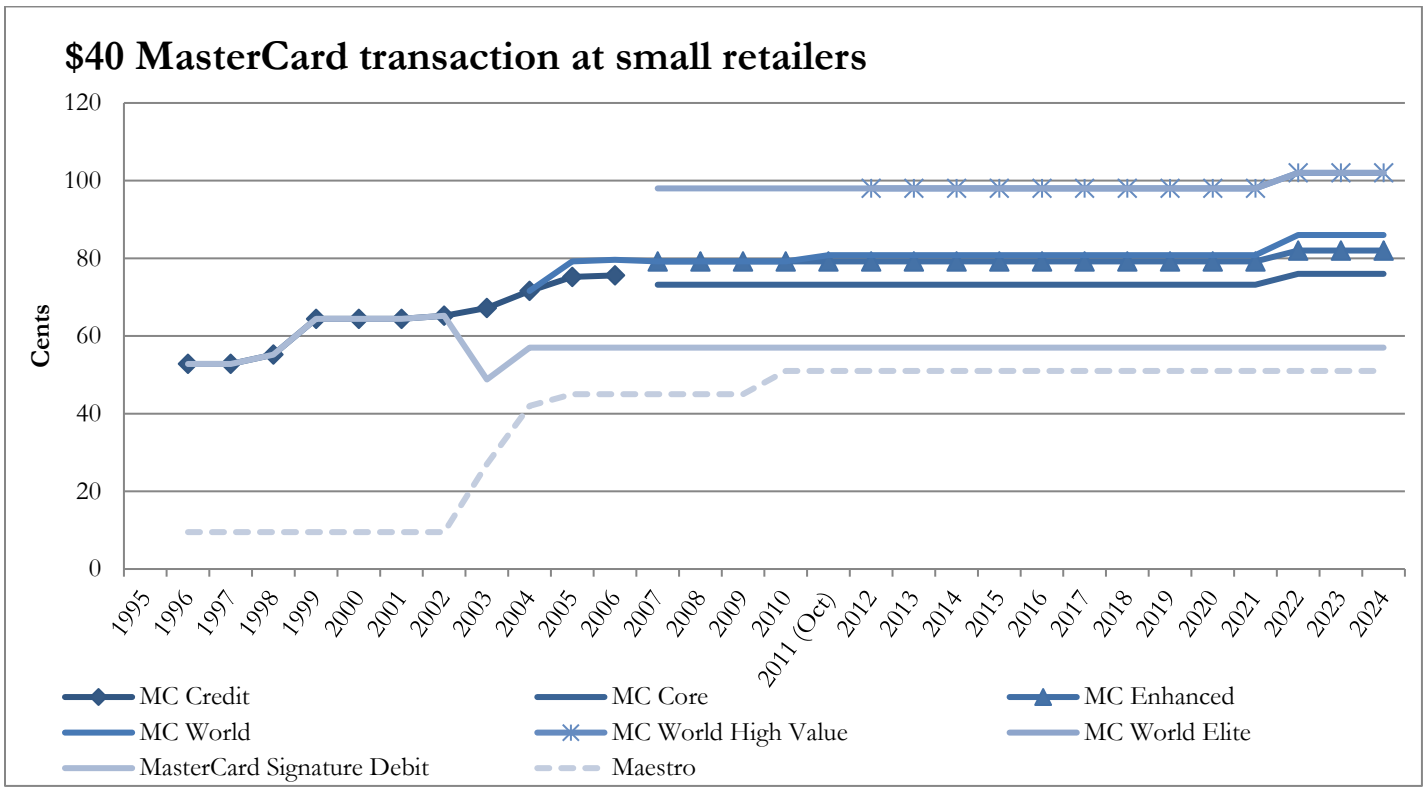
Notes: Exempt interchange fees are shown from October 2011 to 2024.
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* indicates networks with volume tiered rates. The base rates are shown

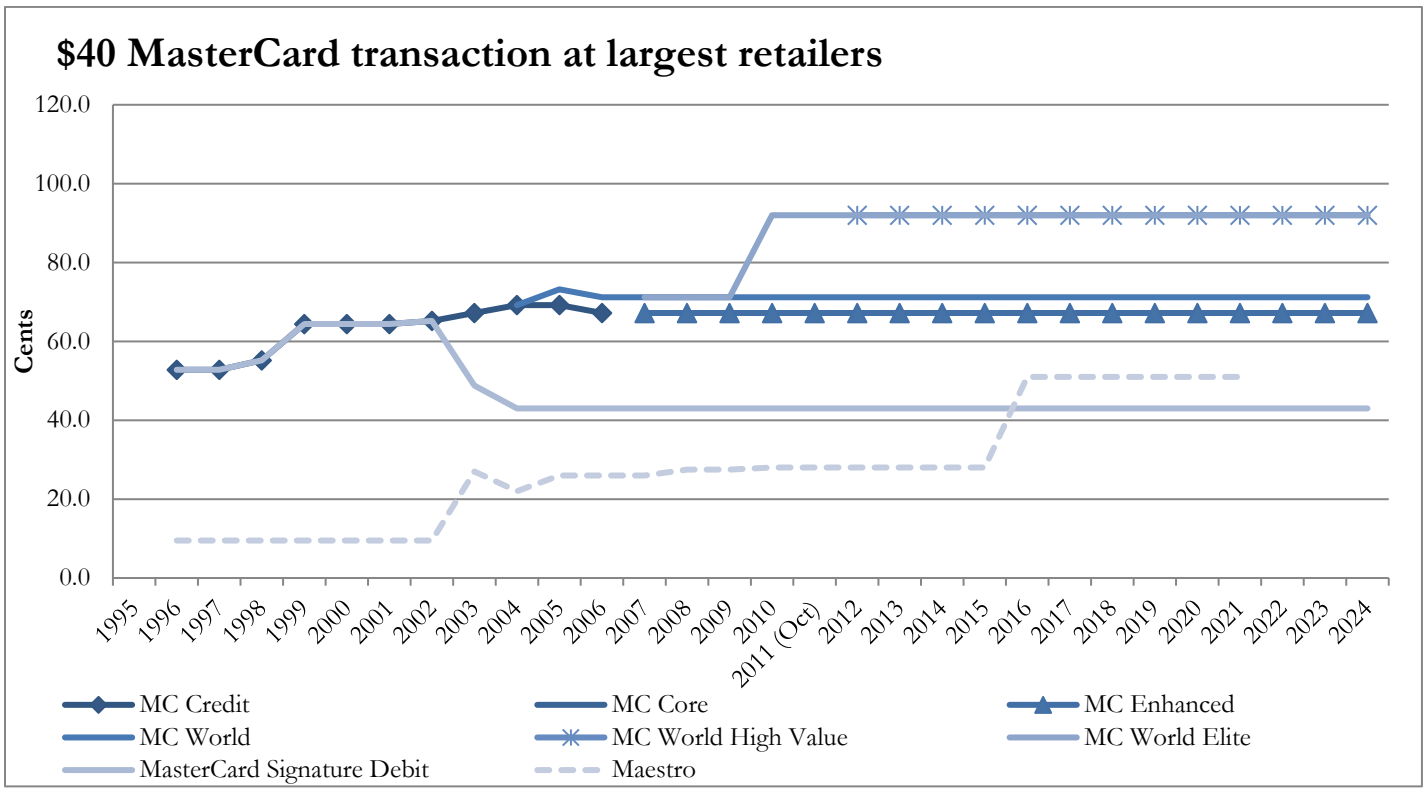
V. Visa, Mastercard, and Discover consumer card interchange fees

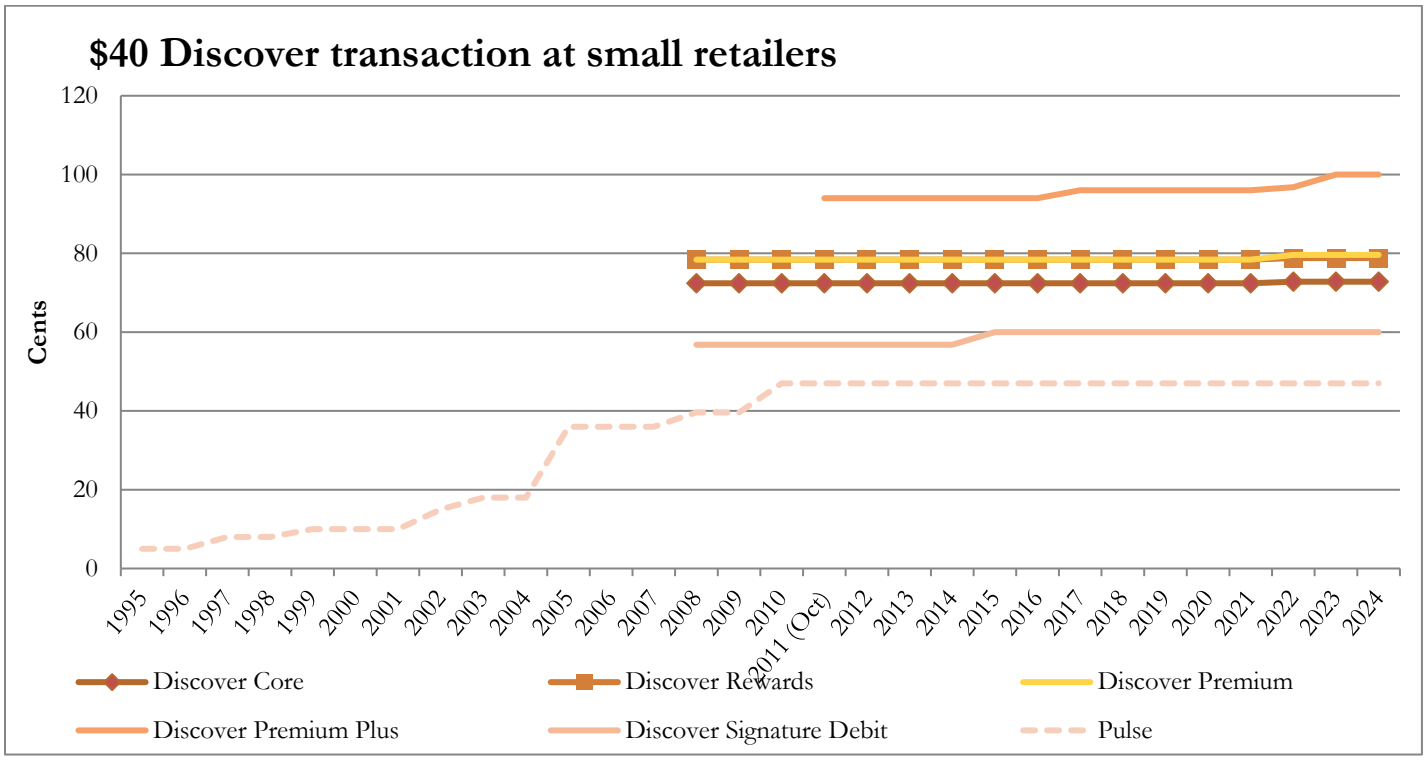




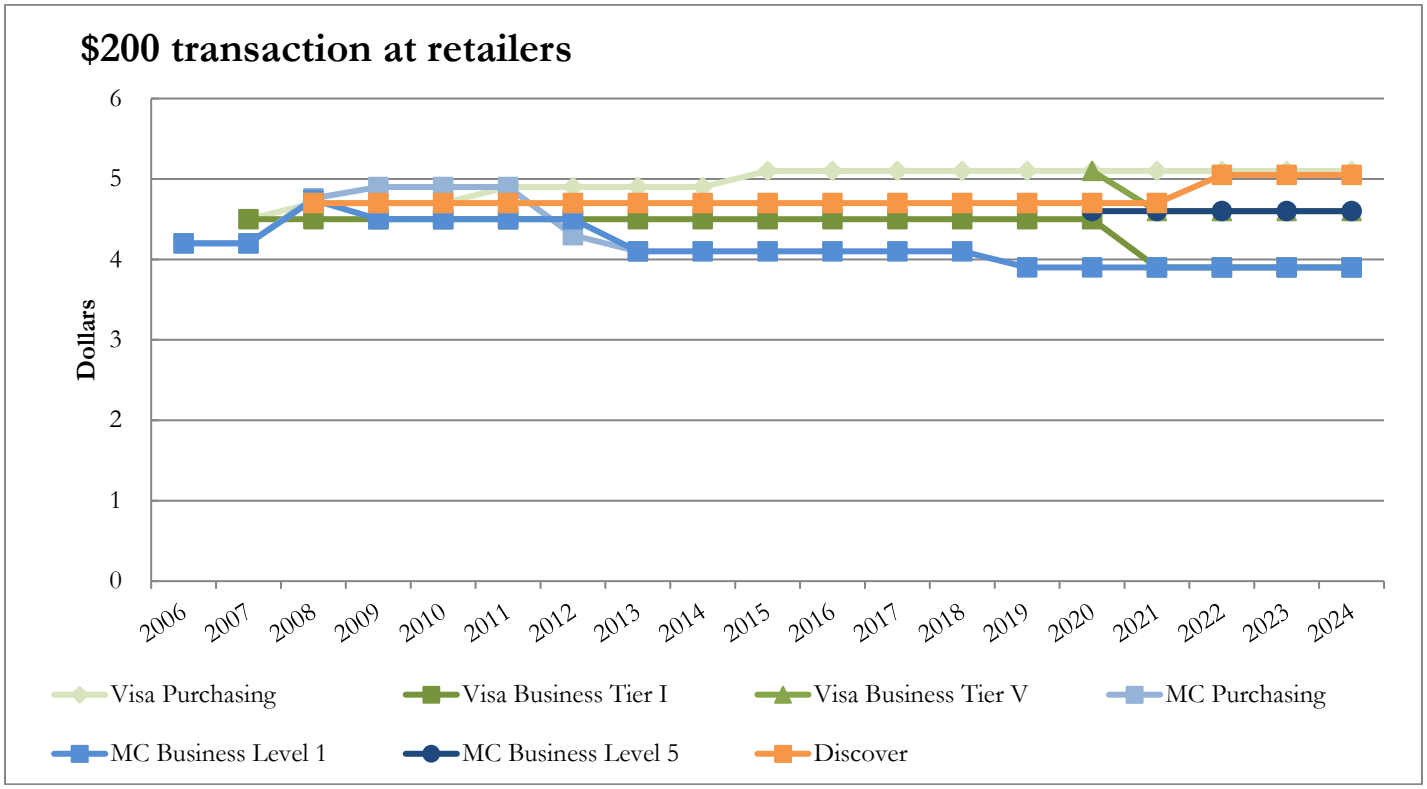
Note: (c) indicates credit card.

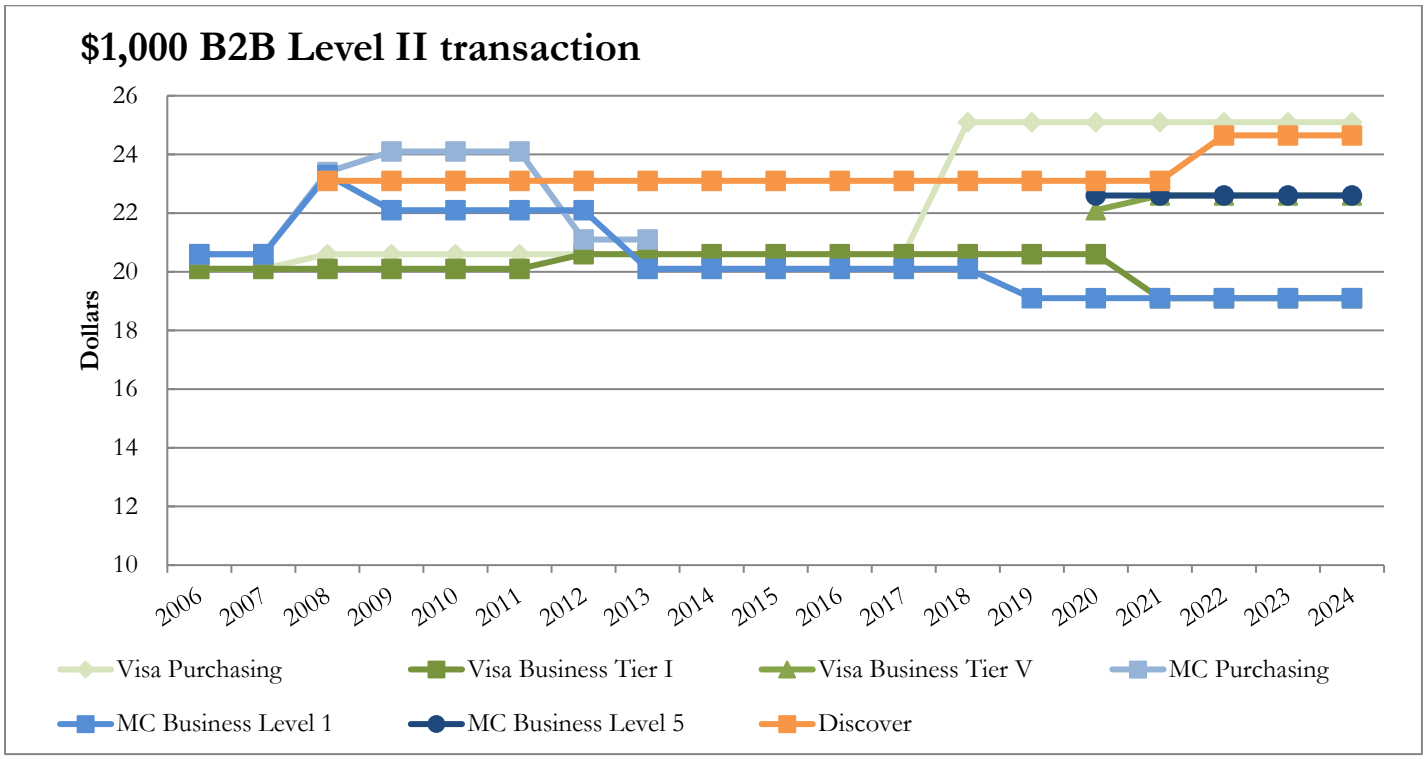

$40 MasterCard transaction at small retailers
Cents
120
100
80
60
40
20
0
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011 (Oct)
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
MC Credit
MC Core
MC Enhanced
MC World
MC World High Value
MC World Elite
MasterCard Signature Debit
Maestro


$40 MasterCard transaction at largest retailers
Cents
120.0
100.0
80.0
60.0
40.0
20.0
0.0
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011 (Oct)
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
MC Credit
MC Core
MC Enhanced
MC World
MC World High Value
MC World Elite
MasterCard Signature Debit
Maestro

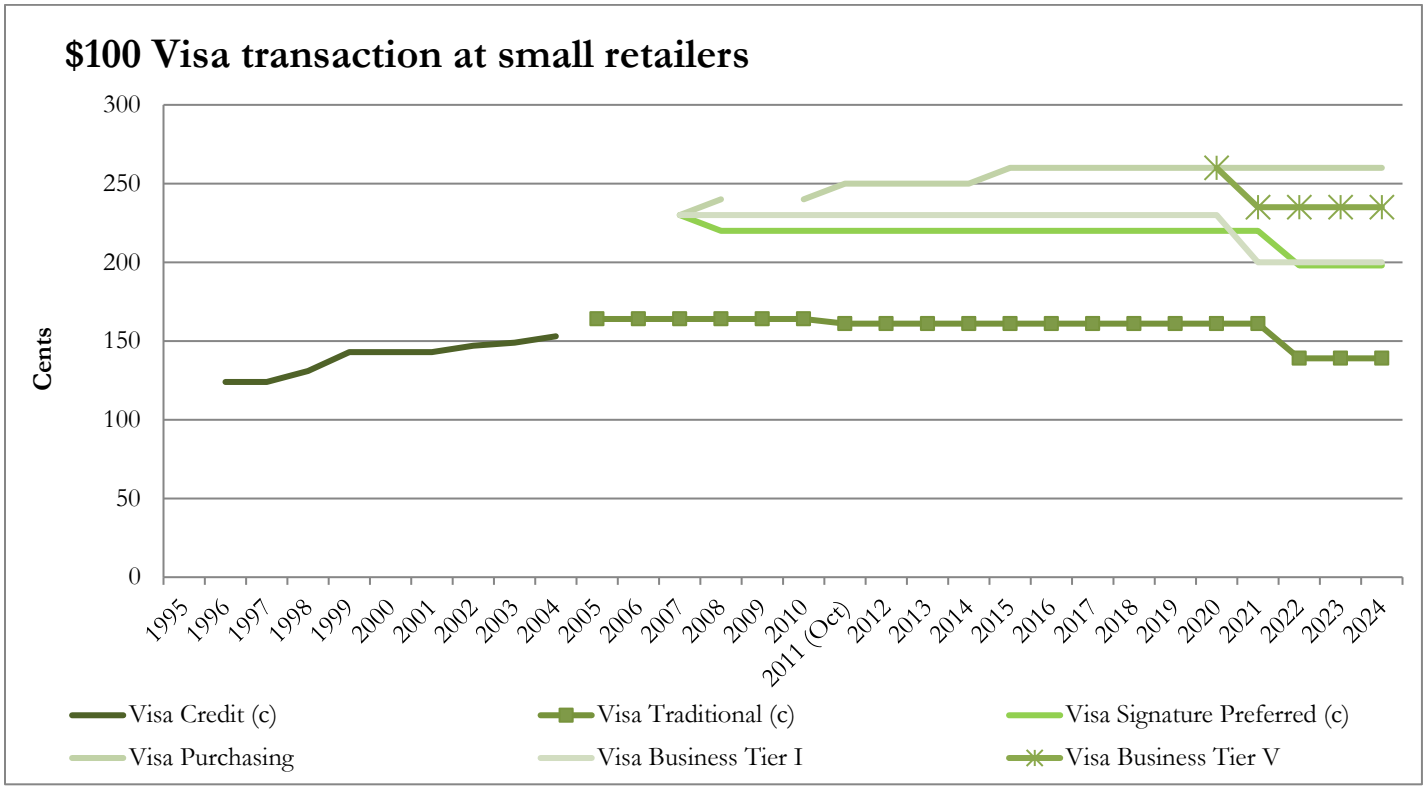

$40 Discover transaction at small retailers
Cents
120
100
80
60
40
20
0
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011 (Oct)
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
Discover Core
Discover Rewards
Discover Premium
Discover Premium Plus
Discover Signature Debit
Pulse

VI. Commercial credit card interchange fees



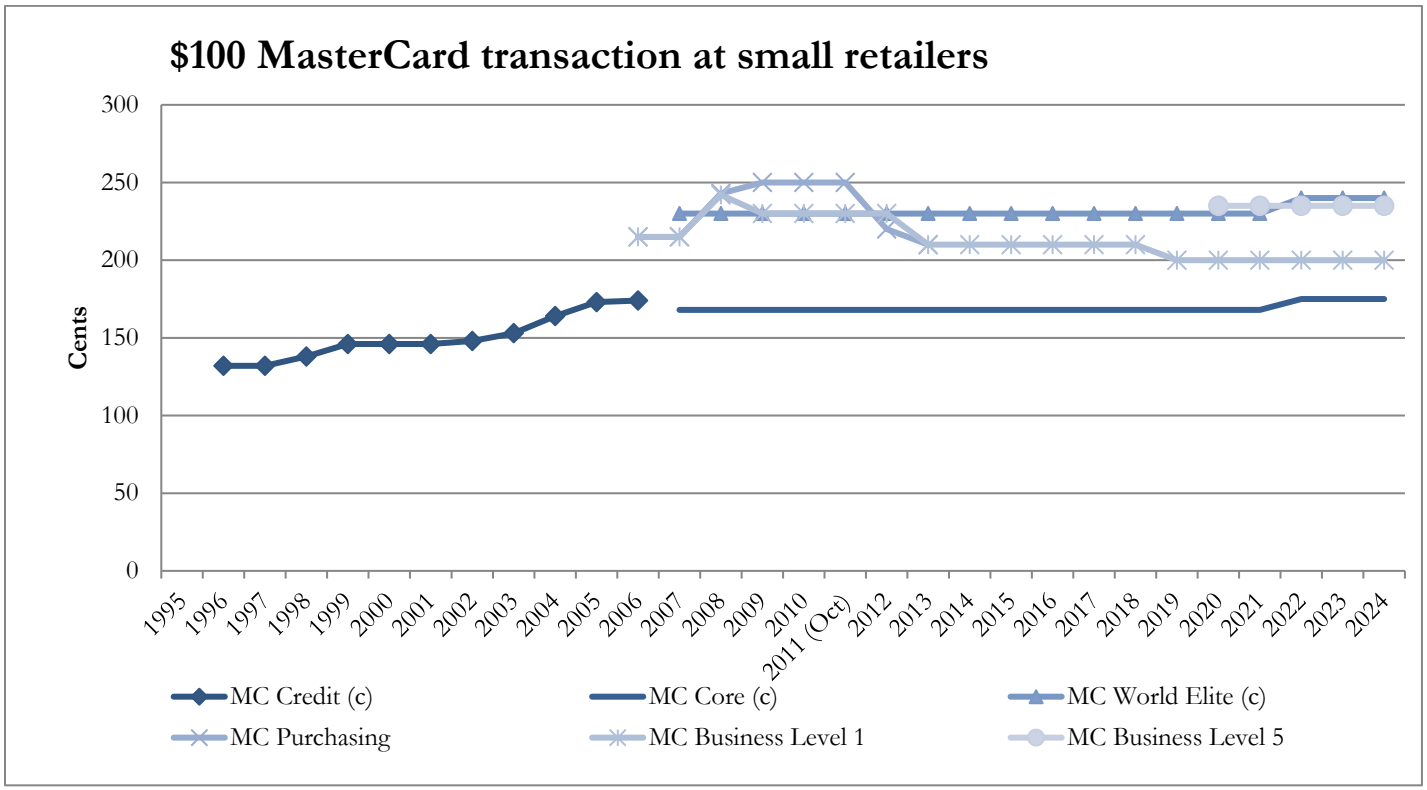


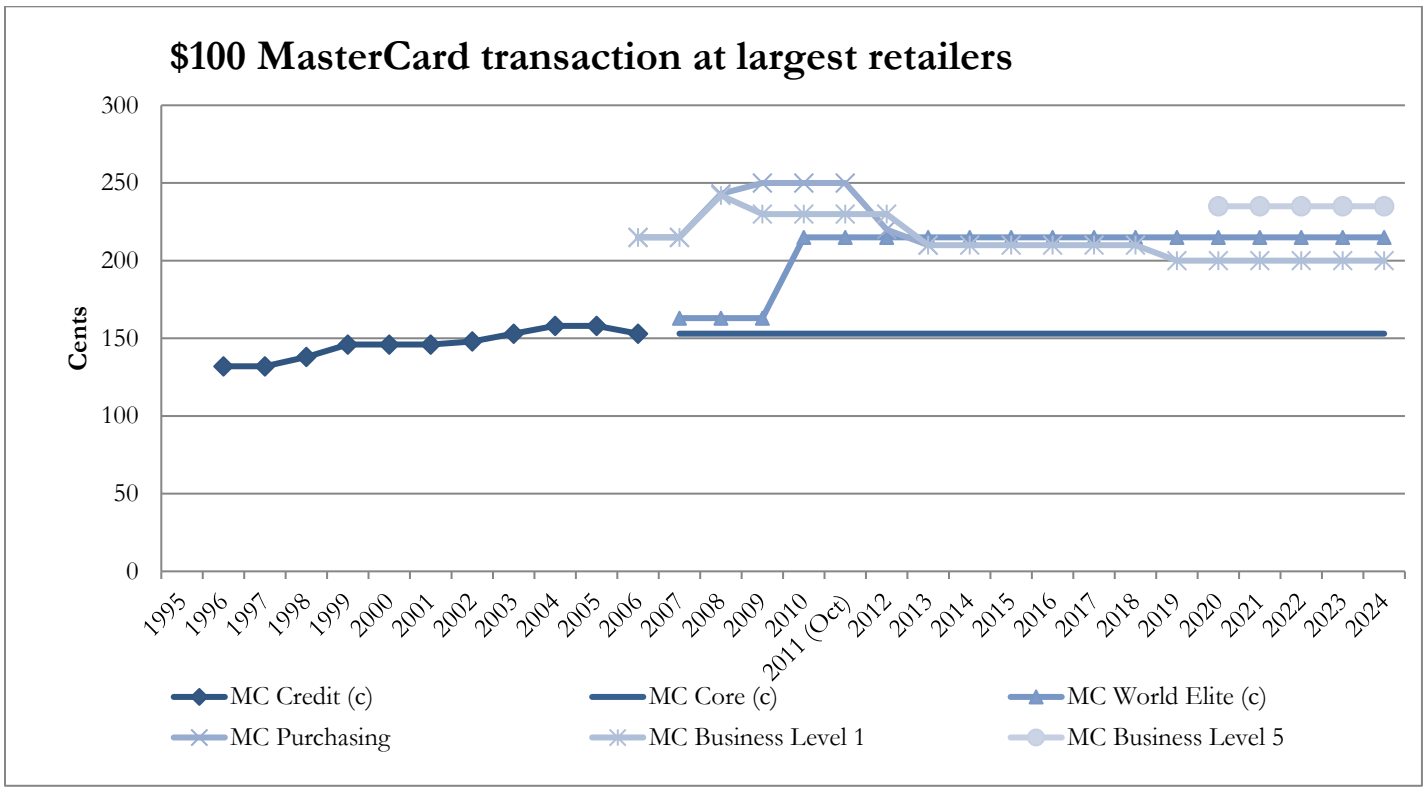
VII. Consumer versus commercial credit card interchange fees



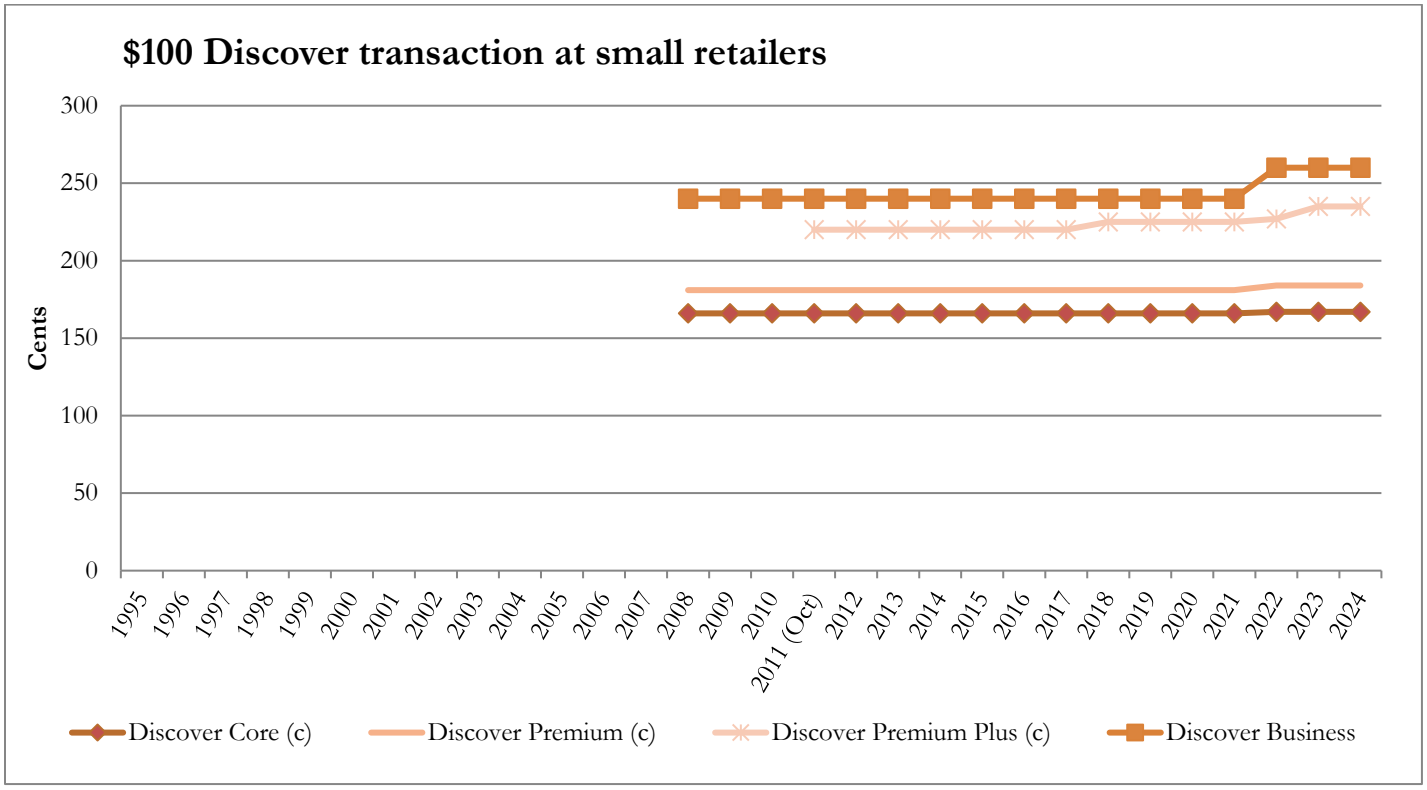


Note: (c) indicates consumer card.





Note: (c) indicates credit card.



Note: (c) indicates consumer card.