

Discover Financial Services  
 Form 424B2  
 August 01, 2016

The information in this preliminary pricing supplement is not complete and may be changed. This preliminary pricing supplement and the accompanying prospectus supplement and prospectus are not offers to sell these securities and are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to completion

Preliminary Pricing Supplement dated August 1, 2016

Filed under Rule 424(b)(2), Registration Statement No. 333-205280

Preliminary Pricing Supplement No. 20 - Dated Monday, August 1, 2016 (to: Prospectus dated June 26, 2015 and Prospectus Supplement Dated: September 8, 2015)

Selling Price	Gross Concession	Net Proceeds	Coupon Type	Coupon Rate	Coupon Frequency	Day Count Basis	Maturity Date	1st Coupon Date	1st Coupon Amount	Survivor s Option	FL Guar
100.00 %	1.800 %	\$	Fixed	3.250 %	Semi-Annual	30/360	08/15/2026	2/15/2017	\$16.61	Yes	M

**Callable in whole or in part, at any time on or after 5/15/2026.**

Discover Financial Services may, at its option, at any time on or after 05/15/2026, redeem these Discover Financial Services InterNotes in full or in part. The issuer will give at least 30 days' prior notice delivered to the holders of these Discover Financial Services InterNotes. These Discover Financial Services InterNotes will be redeemed in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof. If these Discover Financial Services InterNotes are redeemed in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof, the trustee will select the Notes for redemption on a pro rata basis, by lot or by such other method in accordance with the DTC's procedures. The redemption price will be 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest. If fewer than all of these Discover Financial Services InterNotes are redeemed, the trustee will select the Notes for redemption on a pro rata basis, by lot or by such other method in accordance with the DTC's procedures. The redemption price will be 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest. Unless Discover Financial Services defaults in payment of the redemption price, on and after the date of redemption, the redemption price will be 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest. The portions of these Discover Financial Services InterNotes called for redemption will be redeemed in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof. If these Discover Financial Services InterNotes are redeemed in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof, the trustee will select the Notes for redemption on a pro rata basis, by lot or by such other method in accordance with the DTC's procedures. The redemption price will be 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest. Unless Discover Financial Services defaults in payment of the redemption price, on and after the date of redemption, the redemption price will be 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest.

Trade Date: Monday, August 8, 2016 @ 12:00 PM ET	Discover Financial Services
Settlement Date: Thursday, August 11, 2016	Discover Financial Services InterNotes
Minimum Denomination/Increments: \$1,000.00/\$1,000.00	Preliminary Pricing Supplement No. 20 - Dated Monday, August 1, 2016
Initial trades settle flat and clear SDFS: DTC Book Entry only	(to: Prospectus dated June 26, 2015 and Prospectus Supplement No. 20 - Dated Monday, August 1, 2016)

Lead Manager: Incapital LLC

Supplement Dated:  
September 8, 2015)

Agents: BofA Merrill Lynch, Citigroup,  
Morgan Stanley, RBC Capital Markets,  
Wells Fargo Advisors, LLC

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