NOVO NORDISK A S Form 6-K October 10, 2017					
UNITED STATES					
SECURITIES AND EXCHANGE COMMISSION					
Washington, D.C. 20549					
FORM 6-K					
REPORT OF FOREIGN PRIVATE ISSUER					
Pursuant to Rule 13a-16 or 15d-16					
of the Securities Exchange Act of 1934					
October 9, 2017					
NOVO NORDISK A/S					
(Exact name of Registrant as specified in its charter)					
Novo Allé					
DK- 2880, Bagsvaerd					

Denmark

(Address of principal executive offices)					
Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F					
Form 20-F [X] Form 40-F []					
Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934					
Yes [] No [X]					
If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g-32(b):82					
Novo Nordisk A/S – Share repurchase programme					
Bagsværd, Denmark, 9 October 2017 – On 2 February 2017, Novo Nordisk initiated a share repurchase programme					
in accordance with Article 5 of Regulation No. 596/2014 of the European Parliament and Council of 16 April 2014 (MAR), also referred to as the Safe Harbour rules. This programme is part of the overall share repurchase programme of up to DKK 16 billion to be executed during a 12-month period beginning 2 February 2017.					
Under the programme initiated 9 August 2017, Novo Nordisk will repurchase B shares for an amount up to DKK 3.9 billion in the period from 9 August 2017 to 30 October 2017.					
Since the announcement as of 2 October 2017, the following transactions have been made under the programme:					

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	Number of B shares	Average purchase price	Transaction value, DKK
Accumulated, last announcement	8,569,590		2,531,211,974
2 October 2017	210,000	308.18	64,717,849
3 October 2017	200,000	309.12	61,823,977
4 October 2017	205,000	309.96	63,541,611
5 October 2017	210,000	311.34	65,381,714
6 October 2017	240,000	311.47	74,753,144
Accumulated under the programme	9,634,590		2,861,430,269

The details for each transaction made under the share repurchase programme are published on novonordisk.com.

With the transactions stated above, Novo Nordisk owns a total of 42,686,113 B shares of DKK 0.20, corresponding to 1.7% of the share capital, as treasury shares. The total amount of A and B shares in the company is 2,500,000,000 including treasury shares.

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Novo Nordisk expects to repurchase B shares for an amount up to DKK 16 billion during a 12-month period beginning 2 February 2017. As of 6 October 2017, Novo Nordisk has repurchased a total of 41,582,561 B shares equal to a transaction value of DKK 11,161,402,261.

Novo Nordisk is a global healthcare company with more than 90 years of innovation and leadership in diabetes care. This heritage has given us experience and capabilities that also enable us to help people defeat other serious chronic conditions: haemophilia, growth disorders and obesity. Headquartered in Denmark, Novo Nordisk employs approximately 42,000 people in 77 countries and markets its products in more than 165 countries. Novo Nordisk's B shares are listed on Nasdaq Copenhagen (Novo-B). Its ADRs are listed on the New York Stock Exchange (NVO). For more information, visit novonordisk.com, Facebook, Twitter, LinkedIn, YouTube

Further information

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Novo Allé

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Company announcement No 77 / 2017

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf of the undersigned, thereunto duly authorized.

NOVO NORDISK A/S

Date: October 10, 2017

Lars Fruergaard Jørgensen

Chief Executive Officer