GLAXOSMITHKLINE PLC Form 6-K June 02, 2008

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION Washington D.C. 20549

Report of Foreign Issuer

Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

For period ending June 02, 2008

GlaxoSmithKline plc (Name of registrant)

980 Great West Road, Brentford, Middlesex, TW8 9GS (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F

Form 20-F x Form 40-F

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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

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Total Voting Rig hts and Capital

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In conformity with Disclosure and Transparency Rule 5.6.1R, GlaxoSmithKline plc ("the Company") hereby notifies the market of the following:

The Company's issued share capital as at 30 May 2008 consisted of 5,830,641,767 Ordinary shares of 25p each with voting rights, of which 484,194,158 Ordinary shares are held in Treasury.

Therefore, the

total number of voting rights in the Company

is

5,346,447,609

. This figure may be used by shareholders as the denominator for the calculations by which they will determine if they are required

to notify their interest in, or a change to their interest in,

the Company

under the

Financial Services Authority's

Disclosure and Transparency Rules

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S M Bicknell Company Secretary

2 June 2008

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 by the undersigned, thereunto duly authorised.

GlaxoSmithKline plc

(Registrant)

Date: June 02, 2008

By: VICTORIA WHYTE

Victoria Whyte Authorised Signatory for and on behalf of GlaxoSmithKline plc