

GLAXOSMITHKLINE PLC
Form 6-K
August 21, 2009

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 August 2009

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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Financial Services Authority

GlaxoSmithKline plc received on 21 August 2009 from Legal & General Group plc a notification of interests in GlaxoSmithKline plc Ordinary shares of 25 pence each, dated on 19 August 2009. This notice is given in accordance with DTR 5.8.12.

TR-1: NOTIFICATION OF MAJOR INTEREST IN SHARES

1. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached:

GlaxoSmithKline Plc

2. Reason for the notification (please tick the appropriate box or boxes):

An acquisition or disposal of voting rights

Yes

An acquisition or disposal of qualifying financial instruments which may result in the acquisition of shares already issued to which voting rights are attached.

An acquisition or disposal of instruments with similar economic effect to qualifying financial instruments

An event changing the breakdown of voting rights

Other (please specify):

Legal & General Group Plc (Group)

3. Full name of person(s) subject to the notification obligation:

Legal & General Investment Management Limited (LGIM)

Legal & General Assurance (Pensions Management)

Limited (PMC)

4. Full name of shareholder(s)

(if different from 3.):

Legal & General Group Plc (L&G)

5. Date of the transaction and date on which the threshold is crossed or reached:

19 August 2009

6. Date on which issuer notified:

21 August 2009

7. Threshold(s) that is/are crossed or reached:

Below 5% (Group)

Below 5% (LGIM)

8. Notified details:**A: Voting rights attached to shares**

Class/type of shares	Situation previous to the triggering transaction		Resulting situation after the triggering transaction				
	Number of Shares	Number of Voting Rights	Number of shares	Number of voting rights		% of voting rights	
				Direct	Indirect	Direct	Indirect
if possible using the ISIN CODE							
ORD	260,231,752	260,231,752					
GBP 0.25					Below 5%		

B: Qualifying Financial Instruments**Resulting situation after the triggering transaction**

Type of financial instrument	Expiration date	Exercise/Conversion Period	Number of voting rights that may be acquired if the instrument is exercised/ converted.	% of voting rights
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C: Financial Instruments with similar economic effect to Qualifying Financial Instruments**Resulting situation after the triggering transaction**

Type of financial instrument	Exercise price	Expiration date	Exercise/Conversion period	Number of voting rights instrument refers to	% of voting rights
					Nominal Delta

Total (A+B+C)

Number of voting rights	Percentage of voting rights
	Below 5%

9. Chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held, if applicable:

Legal & General Group Plc (Direct and Indirect) (Group) (Below 5%)

Legal & General Investment Management (Holdings) Limited (LGIMH)
(Direct and Indirect) (Below 5%)

Legal & General Investment Management Limited (Indirect) (LGIM) (Below 5%)

Legal & General Group Plc (Direct) (L&G) (234,245,526 – 4.51% = LGAS, LGPL & PMC)

Legal & General Investment Management (Holdings) Limited Limited (Direct) (LGIMHD) (195,647,164 – 3.77% = PMC)	Legal & General Insurance Holdings (Direct) (LGIH)
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Legal & General Assurance (Pensions Management) Limited Limited (PMC) (195,647,164 – 3.77% = PMC)	Legal & General Assurance Society (LGAS & LGPL)
(Direct)	Legal & General Pensions Limited (LGPL)

Proxy Voting:

10. Name of the proxy holder: N/A

11. Number of voting rights proxy holder will cease to hold: N/A

12. Date on which proxy holder will cease to hold voting rights: N/A

13. Additional information: Notification using the total voting rights figure of
5,188,446,713

14. Contact name: Helen Lewis (LGIM)

15. Contact telephone number: 020 3124 3851

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: August 21 2009

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc