



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

DIVISION OF  
CORPORATION FINANCE

**Via fax (301) 718-2444**

August 31, 2010

Mr. Andrew C. Florance  
President and Chief Executive Officer  
CoStar Group, Inc.  
2 Bethesda Metro Center  
10th Floor  
Bethesda, Maryland 20814

**Re: CoStar Group, Inc.  
Form 10-K for Fiscal Year Ended December 31, 2009  
Filed February 26, 2010  
File No. 000-24531**

Dear Mr. Florance,

We have completed our review of your Form 10-K and related filings and have no further comments at this time on the specific issues raised.

Sincerely,

Kathleen Collins  
Accounting Branch Chief