

FIRST INDUSTRIAL REALTY TRUST INC  
 Form 424B7  
 May 21, 2008

Filed pursuant to Rule 424(b)(7)  
 Registration Statement No. 333-142472

**PROSPECTUS SUPPLEMENT NO. 10**  
 (to prospectus dated April 30, 2007)  
**3,927,120 Shares**  
**First Industrial Realty Trust, Inc.**  
**Common Stock**

This prospectus supplement supplements the prospectus dated April 30, 2007 (the Prospectus ), relating to the potential offer and sale from time to time of up to 3,927,120 shares of common stock of First Industrial Realty Trust, Inc.

The table under the Selling Stockholders Section of the Prospectus is amended to add the party listed below to the list of Selling Stockholders:

| Name  | Number of Shares owned before the offering | Number of shares offered hereby | Number of Shares owned after the offering (2) | Percentage of shares owned after the offering (2)(3) |
|---|--|---------------------------------|---|--|
| Merrill Lynch, Pierce, Fenner and Smith Inc. (39) | 8,836                                      | 8,836*                          | 0   | +  |

(39) Merrill Lynch, Pierce, Fenner and Smith Inc. is a subsidiary of Merrill Lynch & Co., Inc., a publicly held entity.

This prospectus supplement is not complete without, and may not be delivered or used except in connection with, the Prospectus dated April 30, 2007, including any supplements or amendments to such prospectus. The date of this prospectus supplement is May 21, 2008.