

TELEFONICA S A  
Form 6-K  
April 29, 2011

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**FORM 6-K**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**Report of Foreign Private Issuer**  
**Pursuant to Rule 13a-16 or 15d-16**  
**of the Securities Exchange Act of 1934**  
**For the month of April, 2011**  
**Commission File Number: 001-09531**  
**Telefónica, S.A.**  
(Translation of registrant's name into English)  
**Distrito C, Ronda de la Comunicación s/n,**  
**28050 Madrid, Spain**  
**3491-482 85 48**  
(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  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes  No

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes  No

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes  No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

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<b>Item</b>	<b>Sequential Page Number</b>
<u>1.</u> <u>Telefónica Filing of 2010 Annual Report on Form 20-F</u>	

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**TELEFÓNICA: FILING OF 2010 ANNUAL REPORT ON FORM 20-F**

**Madrid, April 29, 2011.-** Telefónica, S.A. filed today with the U.S. Securities and Exchange Commission its annual report on form 20-F for the year ended December 31, 2010. A copy of this report is available on the Company's website at the shareholders and investors section:

[http://www.telefonica.com/en/shareholders\\_investors/html/financyreg/20f.shtml](http://www.telefonica.com/en/shareholders_investors/html/financyreg/20f.shtml)

Moreover, Telefónica's shareholders -and holders of Telefónica's American Depositary Shares-may obtain, free of charge, a printed copy of the Company's complete audited financial statements for the period ended December 31, 2010. For a copy, requests should be addressed to:

**Shareholders Office**

Ronda de la Comunicación, s/n  
28050 Las Tablas Madrid  
SPAIN

Toll free number (calls within Spain):  
900 111 004  
Fax: + 334 91 482 7987  
Email: [accion.telefonica@telefonica.es](mailto:accion.telefonica@telefonica.es)

**Investors Relations Department**

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28050 Las Tablas Madrid  
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Email: [ir@telefonica.es](mailto:ir@telefonica.es)

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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 authorized.

**Telefónica, S.A.**

Date: April 29<sup>th</sup>, 2011

By: /s/ Ramiro Sánchez de Lerín García- Ovies  
Name: Ramiro Sánchez de Lerín  
García-Ovies  
Title: General Secretary and Secretary to the  
Board of Directors