

SCHEDULE 13G

Amendment No. 1
USANA Health Sciences Inc
Common Stock
Cusip #90328M107

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Item 1: Reporting Person - FMR LLC
Item 4: Delaware
Item 5: 1,638,900
Item 6: 0
Item 7: 1,638,900
Item 8: 0
Item 9: 1,638,900
Item 11: 10.053%
Item 12: HC

Cusip #90328M107
Item 1: Reporting Person - Edward C. Johnson 3d
Item 4: United States of America
Item 5: 0
Item 6: 0
Item 7: 1,638,900
Item 8: 0
Item 9: 1,638,900
Item 11: 10.053%
Item 12: IN

SCHEDULE 13G - TO BE INCLUDED IN
STATEMENTS
FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)

Item 1(a). Name of Issuer:

USANA Health Sciences Inc

Item 1(b). Name of Issuer's Principal Executive Offices:

3838 West Parkway Blvd
Salt Lake City, UT 84120-6336

Item 2(a). Name of Person Filing:

FMR LLC

Item 2(b). Address or Principal Business Office or, if None,
Residence:

82 Devonshire Street, Boston,
Massachusetts 02109

Item 2(c). Citizenship:

Not applicable

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

90328M107

Item 3. This statement is filed pursuant to Rule 13d-1(b) or 13d-2(b) and the person filing, FMR LLC, is a parent holding company in accordance with Section 240.13d-1(b)(ii)(G). (Note: See Item 7).

Item 4. Ownership

(a) Amount Beneficially Owned: 1,638,900

(b) Percent of Class: 10.053%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote: 1,638,900

(ii) shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of: 1,638,900

(iv) shared power to dispose or to direct the disposition of: 0

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Various persons have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Common Stock of USANA Health Sciences Inc. The interest of one person, Fidelity Northstar Fund, an open-end, Canadian mutual fund trust formed by declaration of trust on October 8, 2002, in the Common Stock of USANA Health Sciences Inc, amounted to 1,638,900 shares or 10.053% of the total outstanding Common Stock at August 31, 2008.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

See attached Exhibit A.

Item 8. Identification and Classification of Members of the Group.

Not applicable. See attached Exhibit A.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement

is true, complete and correct.

September 09, 2008

Date

/s/ Scott C. Goebel

Signature

Scott C. Goebel

Duly authorized under Power of Attorney

effective as of June 1, 2008 by and on behalf of FMR LLC

and its direct and indirect subsidiaries

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Pyramis Global Advisors, LLC ("PGALLC"), 53 State Street, Boston, Massachusetts, 02109, an indirect wholly-owned subsidiary of FMR LLC and an investment adviser registered under Section 203 of the Investment Advisers Act of 1940, is the beneficial owner of 1,638,900 shares or 10.053% of the outstanding Common Stock of USANA Health Sciences Inc as a result of its serving as investment adviser to institutional accounts, non-U.S. mutual funds, or investment companies registered under Section 8 of the Investment Company Act of 1940 owning such shares.

The ownership of one Canadian mutual fund, Fidelity Northstar Fund, amounted to 1,638,900 shares or 10.053% of the Common Stock outstanding. Fidelity Northstar Fund has its principal business office at 483 Bay Street, Suite 200, Toronto, Ontario M5G 2N7, Canada.

Edward C. Johnson 3d and FMR LLC, through its control of PGALLC, each has sole dispositive power over 1,638,900 shares and sole power to vote or to direct the voting of 1,638,900 shares of Common Stock owned by the institutional accounts or funds advised by PGALLC as reported above.

Members of the family of Edward C. Johnson 3d, Chairman of FMR LLC, are the predominant owners, directly or through trusts, of Series B voting common shares of FMR LLC, representing 49% of the voting power of FMR LLC. The Johnson family group and all other Series B shareholders have entered into a shareholders' voting agreement under which all Series B voting common shares will be voted in accordance with the majority vote of Series B voting common shares. Accordingly, through their ownership of voting common shares and the execution of the shareholders' voting agreement, members of the Johnson family may be deemed, under the Investment Company Act of 1940, to form a controlling group with respect to FMR LLC.

SCHEDULE 13G - TO BE INCLUDED IN
STATEMENTS

FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)

RULE 13d-1(f)(1) AGREEMENT

The undersigned persons, on September 10, 2008, agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of the Common Stock of USANA Health Sciences Inc at August 31, 2008.

FMR LLC

By /s/ Scott C. Goebel
Scott C. Goebel
Duly authorized under Power of Attorney effective as
of June 1, 2008, by and on behalf of FMR LLC and its direct
and indirect subsidiaries

Edward C. Johnson 3d

By /s/ Scott C. Goebel
Scott C. Goebel
Duly authorized under Power of Attorney effective as
of June 1, 2008, by and on behalf of Edward C. Johnson 3d

Fidelity Northstar Fund

By /s/ Scott C. Goebel
Scott C. Goebel
Secretary

Pyramis Global Advisors, LLC

By /s/Claire S. Walpole
Claire S. Walpole
Duly authorized under Power of Attorney
dated August 8, 2007, by William E. Dailey
Senior Vice President
and Chief Administrative Officer
Duly authorized under Board of
Directors resolution dated
September 26, 2005.