

Securities and Exchange Commission
Washington, D. C. 20549

Schedule 13-G/A
Under the Securities and Exchange Act of 1934

Republic Services, Inc.
Common Stock
CUSIP Number 760759100

Check the following box if a fee is being paid with this statement. []

CUSIP No. 760759100

- 1) Name of reporting person:
Legg Mason, Inc.
Tax Identification No:
52-1200960
- 2) Check the appropriate box if a member of a group:
a) n/a
b) n/a
- 3) SEC use only
- 4) Place of organization:
Baltimore, Maryland

Number of shares beneficially owned by each reporting person with:

- 5) Sole voting power: 15,569,400
- 6) Shared voting power: 2,077,948
- 7) Sole dispositive power: - 0 -
- 8) Shared dispositive power: 17,647,348
- 9) Aggregate amount beneficially owned by each reporting person:
17,647,348
- 10) Check if the aggregate amount in row (9) excludes certain shares:
n/a
- 11) Percent of class represented by amount in row (9):
10.18%
- 12) Type of reporting person:
HC

Item 1a) Name of issuer:
Republic Services, Inc.

Item 1b) Address of issuer's principal executive offices:
110 SE 6th Street, 28th Floor
Ft. Lauderdale, FL 33301

Item 2a) Name of person filing:
Legg Mason, Inc.

Item 2b) Address of principal business office:
100 Light Street
Baltimore, Maryland 21202

Item 2c) Citizenship:
Maryland Corporation

Item 2d) Title of class of securities:
Common Stock

Item 2e) CUSIP number: 760759100

- Item 3) If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a:
- (a) [] Broker or dealer under Section 15 of the Act.
 - (b) [] Bank as defined in Section 3(a)(6) of the Act.
 - (c) [] Insurance Company as defined in section 3(a)(19) of the Act.
 - (d) [] Investment Company registered under Section 8 of the Investment Company Act.
 - (e) [] Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.
 - (f) [] Employee Benefit Plan, Pension Fund which is subject to ERISA of 1974 or Endowment Fund; see 240.13d-1(b)(ii)(F).
 - (g) [X] Parent holding company, in accordance with 240.13d-1(b)(ii)(G).

(h) [] Group, in accordance with 240.13d-1(b)(1)(ii)(H).

Item 4) Ownership:

(a) Amount beneficially owned: 17,647,348

(b) Percent of Class:

10.18%

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

(i) sole power to vote or to direct the vote:

15,569,400

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

2,077,948

(iii) sole power to dispose or to direct the disposition of:

- 0 -

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

17,647,348

Item 5) Ownership of Five Percent or less of a class:

n/a

Item 6) Ownership of more than Five Percent on behalf of another person:

n/a

Item 7) Identification and classification of the subsidiary which acquired the security being reported on by the parent holding company:

- LMM, LLC, as investment adviser with discretion
- Legg Mason Funds Management, Inc., as investment adviser with discretion
- Bingham Legg Advisers LLC, as investment adviser with discretion
- Legg Mason Capital Management, Inc., as investment adviser with discretion
- Legg Mason Trust, fsb, as investment adviser with discretion
- Legg Mason Wood Walker, Inc., as broker/dealer and investment adviser with discretion

Item 8) Identification and classification of members of the group:

n/a

Item 9) Notice of dissolution of group:

n/a

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 purposes or effect.

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.

Date: 3/14/01

Signature

Timothy C. Scheve, Executive Vice President, Legg Mason, Inc.

Name/Title

Addendum to Schedule 13G/A filed by Legg Mason, Inc.
Tax Identification No. 52-1200960

Shares of Republic Services, Inc. owned a/o 12/31/00

CUSIP 760759100

Name	Class	Shares Owned	Sole V P	Shared V P	Sole D P	Shared D P
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LMM, LLC	IA	5,000,000	5,000,000	5,000,000
Legg Mason Funds Management, Inc.	IA	10,569,400	10,569,400	10,569,400
Bingham Legg Advisers, LLC	IA	5,000	5,000	5,000
Legg Mason Capital Management, Inc.	IA	1,804,950	1,804,950	1,804,950
Legg Mason Trust, fsb	IA	7,645	7,645	7,645
Legg Mason Wood Walker, Inc.	BD, IA	260,353	260,353	260,353

Shares Outstanding 173,323,000

% Owned 10.18%