AUTOMATIC DATA PROCESSING INC
Form 5
August 12, 2005

FORM 5

OMB APPROVAL

Check this box if
no longer subject
to Section 16.
Form 4 or Form
5 obligations
may continue.
See Instruction
1(b).
Form 3 Holdings
Reported
Form 4
Transactions
Reported

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

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

OMB Number:	3235-0362
Expires:	January 31, 2005
Estimated average burden hours per response...	1.0

1. Name and Address of Reporting Person [*] BENSON JAMES B	2. Issuer Name **and** Ticker or Trading Symbol AUTOMATIC DATA PROCESSING INC [ADP]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

(Last)	(First)	(Middle)

_____ Director   _____ 10% Owner
__X__ Officer (give title _____ Other (specify
below)   below)
Corporate Vice President

ONE ADP BOULEVARD

(Street)

3. Statement for Issuer's Fiscal Year Ended
(Month/Day/Year)
06/30/2005

4. If Amendment, Date Original
Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

ROSELAND,Â NJÂ 07068

_X_ Form Filed by One Reporting Person
___ Form Filed by More than One Reporting
Person

(City)	(State)	(Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock	06/30/2005	Â	I	8.889	A	$ 0	47,925.832	D	Â
Common Stock	06/30/2005	Â	I	554	A	$ 0	48,479.832	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	2,632	I	By Trust

Reminder: Report on a separate line for each class of
securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information
contained in this form are not required to respond unless
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SEC 2270
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, **puts, calls, warrants, options, convertible securities**)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. of D Se Be O Er Is Fi (I
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BENSON JAMES B ONE ADP BOULEVARD ROSELAND,Â NJÂ 07068	Â	Â	Â Corporate Vice President	Â

Signatures

/s/ Benson, James B.	08/12/2005
**Signature of Reporting Person	Date

Explanation of Responses:

*   If the form is filed by more than one reporting person, see Instruction 4(b)(v).

**   Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.