APPENDIX

CATERPILLAR INC.

GENERAL AND FINANCIAL INFORMATION

1999

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The management of Caterpillar Inc. has prepared the accompanying consolidated financial statements for the years ended December 31, 1999, 1998, and 1997, and is responsible for their integrity and objectivity. The statements were prepared in conformity with generally accepted accounting principles, applying certain estimates and judgments as required.

Management maintains a system of internal accounting controls which has been designed to provide reasonable assurance that: transactions are executed in accordance with proper authorization, transactions are properly recorded and summarized to produce reliable financial records and reports, assets are safeguarded, and the accountability for assets is maintained.

The system of internal controls includes statements of policies and business practices, widely communicated to employees, which are designed to require them to maintain high ethical standards in their conduct of company affairs. The internal controls are augmented by careful selection and training of supervisory and other management personnel, by organizational arrangements that provide for appropriate delegation of authority and division of responsibility, and by an extensive program of internal audit with management follow-up.

The financial statements have been audited by PricewaterhouseCoopers LLP, independent accountants, in accordance with generally accepted auditing standards. They have made similar annual audits since the initial incorporation of our company. Their role is to render an objective, independent opinion on management's financial statements. Their report appears below.

Through its Audit Committee, the Board of Directors reviews our financial and accounting policies, practices, and reports. The Audit Committee consists exclusively of seven directors who are not salaried employees and who are, in the opinion of the Board of Directors, free from any relationship that would interfere with the exercise of independent judgment as a committee member. The Audit Committee meets several times each year with representatives of management, including the internal auditing department, and the independent accountants to review the activities of each and satisfy itself that each is properly discharging its responsibilities. Both the independent accountants and the internal auditors have free access to the Audit Committee and meet with it periodically, with and without management representatives in attendance, to discuss, among other things, their opinions as to the adequacy of internal controls and to review the quality of financial reporting.

Hu Barton

Chairman of the Board

Chief Financial Officer January 21, 2000

REPORT OF INDEPENDENT ACCOUNTANTS

PRICEWATERHOUSE COOPERS 🕅

TO THE STOCKHOLDERS OF CATERPILLAR INC .:

In our opinion, the accompanying consolidated financial statements, in Statements 1 through 4, present fairly, in all material respects, the financial position of Caterpillar Inc. and its subsidiaries at December 31, 1999, 1998, and 1997, and the consolidated results of their operations and their consolidated cash flow for each of the three years in the period ended December 31, 1999, in conformity with accounting principles generally accepted in the United States. These financial statements are the responsibility of the company's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for the opinion expressed above.

nieewaterhouseloopers LLP

Peoria, Illinois January 21, 2000

STATEMENT 1 Consolidated Results of Operations for the Years Ended December 31

(Millions of dollars except per share data)

	Supplemental consolidating data									
	C	onsolidate	d	Machine	ery and En	gines(1)	Financial Products			
	1999	1998	1997	1999	1998	1997	1999	1998	1997	
Sales and revenues:										
Sales of Machinery and Engines (Note 1C)	\$ 18,559	\$19,972	\$18,110	\$ 18,559	\$19,972	\$18,110	\$ —	\$ —	\$ —	
Revenues of Financial Products (Note 1C)		1,005	815				1,277	1,117	839	
Total sales and revenues	. 19,702	20,977	18,925	18,559	19,972	18,110	1,277	1,117	839	
Operating costs:										
Cost of goods sold		15,031	13,374	14,481	15,031	13,374				
Selling, general, and administrative expenses	2,541	2,561	2,232	2,079	2,210	1,932	493	377	324	
Research and development expenses	. 626 . 560	643 489	528 361	626	643	528	585	501	373	
Interest expense of Financial Products	10 200	18,724	16,495	17 106	17,884	15,834	1,078	878	697	
Total operating costs				17,186						
Operating profit		2,253	2,430	1,373	2,088	2,276	199	239	142	
Interest expense excluding Financial Products		264	219	269	264	219	_	—		
Other income (expense) (Note 3)	. 196	185	202	66	46	153	52	65	61	
Consolidated profit before taxes	1,421	2,174	2,413	1,170	1,870	2,210	251	304	203	
Provision for income taxes (Note 6)		665	796	362	554	724	93	111	72	
Profit of consolidated companies	966	1,509	1,617	808	1,316	1,486	158	193	131	
Equity in profit of unconsolidated affiliated companies (Note 10)	. (20)	4	48	(21)	4	48	1	_	_	
Equity in profit of Financial Products' subsidiaries				159	193	131				
Profit	\$ 946	\$ 1,513	\$ 1,665	<u>\$ 946</u>	<u>\$ 1,513</u>	\$ 1,665	\$ 159	<u>\$ 193</u>	\$ 131	
Profit per share of common stock (Note 15)	\$ 2.66	\$ 4.17	\$ 4.44							
Profit per share of common stock — assuming dilution (Note 15)	\$ 2.63	\$ 4.11	\$ 4.37		seante Cata	rnillar Inc. a	ınd its subsi	diarias avon	nt for	
Cash dividends declared per share of common stock	\$ 1.275	\$ 1.15	\$.95				accounted			

The supplemental consolidating data is presented for the purpose of additional analysis. See Note 1B on Page A-7 for a definition of the groupings in these statements. Transactions between Machinery and Engines and Financial Products have been eliminated to arrive at consolidated data.

STATEMENT 2 Changes in Consolidated Stockholders' Equity for the Years Ended December 31

(Dollars in millions)

	1999		1998		1997)7	
Common stock (Note 14):	¢	(002)		¢ (440)		ሱ	50	
Balance at beginning of year Common shares issued, including treasury shares reissued:	\$	(993)		\$ (442)		φ	00	
1999 — 1,535,626; 1998 — 800,315; 1997 — 1,426,532		22		16			26	
Treasury shares purchased:		(050)		(507)			(700)	
1999 — 4,956,100; 1998 — 11,612,300; 1997 — 14,118,412 Issuance of common stock to effect 2-for-1 stock split		(259)		(567)			(706) 188	
Balance at year-end		(1,230)		(993)			(442)	
Profit employed in the business:		(1,200)		(333)			(112)	
Balance at beginning of year		6,123		5,026			3,904	
Profit		946	946	1,513	1,513		1,665	1,665
Dividends declared		(452)		(416)			(355)	
Issuance of common stock to effect 2-for-1 stock split							(188)	
Balance at year-end		6,617		6,123			5,026	
Accumulated other comprehensive income:								
Foreign currency translation adjustment ⁽²⁾ (Note 1F): Balance at beginning of year		65		95			162	
Aggregate adjustment for year		60	60	(30)	(30)		(67)	(67)
Balance at year-end		125		65			95	. ,
Minimum Pension Liability Adjustment: ⁽²⁾								
Balance at beginning of year		(64)			(2.1)		—	
Aggregate adjustment for year		17	17	(64)	(64)			
Balance at year-end		(47)		(64)				
Comprehensive income			1,023		1,419			1,598
Stockholders' equity at year-end	\$	5,465		\$ 5,131		\$	4,679	
(2) No real-againing adjustments to report								

⁽²⁾ No reclassification adjustments to report.

See accompanying Notes to Consolidated Financial Statements.

STATEMENT 3 Financial Position at December 31

				Supplemental consolidating data					
	C	onsolidate	d	Machin	ery and En			ncial Prod	ucts
	1999	1998	1997	1999	1998	1997	1999	1998	1997
Assets									
Current assets:	6 5 6	* 000	* 000	÷	¢ 000	A 0.44	÷ 400	ф г л	ф Г 4
Cash and short-term investments Receivables — trade and other		\$ 360 3.660	\$292 3,331	\$ 440 2,357	\$ 303 2,604	\$ 241 3,346	\$ 108 1.761	\$	\$51 285
Receivables — finance (Note 5)		3,516	2,660	2,007	2,004	5,540	4,206	3,516	2,660
Deferred income taxes (Note 6)		474	428	394	465	425	11	9	3
Prepaid expenses		607	500	765	616	510	3	9	6
Inventories (Notes 1D and 4)		2,842	2,603	2,594	2,842	2,603			
Total current assets	11,734	11,459	9,814	6,550	6,830	7,125	6,089	5,466	3,005
Property, plant, and equipment — net (Notes 1E and 9)		4,866	4,058	4,287	4,125	3,483	914	741	575
Long-term receivables — trade and other	95	85	134	95	85	134			0.001
Long-term receivables — finance (Note 5)		5,058 773	3,881 751	523	773	751	5,588 30	5,058	3,881
Investments in unconsolidated affiliated companies (Notes 1B and 10) Investments in Financial Products' subsidiaries	555	115	751	1.464	1,269	882		_	_
Deferred income taxes (Note 6).		955	1,040	974	980	1,075	9	8	5
Intangible assets (Note 1E)		1,241	228	1,541	1,241	228	2	—	_
Other assets (Note 17)	967	691	850	648	316	510	319	375	340
Total assets	\$ 26.635	\$25,128	\$20,756	\$ 16,082	\$15,619	\$14,188	\$ 12,951	\$11,648	\$ 7,806
Liabilities									
Current liabilities:									
Short-term borrowings (Note 12)		\$809 2.250	\$ 484	\$ 51	\$ 49	\$53 2.136	\$ 1,030 41	\$ 972	\$ 675
Accounts payable Accrued expenses		2,250 928	2,218 828	2,317 758	2,401 659	2,130	337	273 290	133 277
Accrued wages, salaries, and employee benefits	. 1.115	1,217	1,128	1.104	1.208	1.120	11	230	8
Dividends payable		107	92	115	107	92	29	36	_
Deferred and current income taxes payable (Note 6)		15	175	(12)	(19)	46	35	34	129
Other deferred liabilities		0.000		407			190	143	1 000
Long-term debt due within one year (Note 13)		2,239	1,142	167	60	54	2,937	2,179	1,088
Total current liabilities	-, -	7,565	6,067	4,500	4,465	4,073	4,610	3,936	2,310
Long-term debt due after one year (Note 13)		9,404 2.590	6,942 2.698	3,099	2,993 2,590	2,367 2.698	6,829	6,411	4,575
Liability for postemployment benefits (Note 8) Deferred income taxes and other liabilities (Note 6)		2,590	2,090	2,536 482	2,590	2,090	48	32	39
Total liabilities		19,997	16,077	10,617	10,488	9,509	11,487	10,379	6,924
Contingencies (Notes 17 and 18)									
Stockholders' equity (Statement 2)									
Common stock of \$1.00 par value (Note 14):									
Authorized shares: 900,000,000 Issued shares (1999, 1998, and 1997 — 407,447,312)									
at paid-in amount	1.045	1.063	1.071	1.045	1.063	1.071	762	683	403
Profit employed in the business		6,123	5,026	6,617	6,123	5,026	744	615	506
Accumulated other comprehensive income		1	95	78	1	95	(42)	(29)	(27)
Treasury stock (1999 — 53,669,431 shares; 1998 — 50,248,957 shares;	(0.077)	(0.050)		(0.075)	(0.050)				
and 1997 — 39,436,972 shares) at cost	/	(2,056)	(1,513)	(2,275)	(2,056)	(1,513)			
Total stockholders' equity	5,465	5,131	4,679	5,465	5,131	4,679	1,464	1,269	882
Total liabilities and stockholders' equity	\$ 26,635	\$25,128	\$20,756	\$ 16,082	\$15,619	\$14,188	\$ 12,951	\$11,648	\$ 7,806

⁽¹⁾ Represents Caterpillar Inc. and its subsidiaries except for Financial Products, which is accounted for on the equity basis.

The supplemental consolidating data is presented for the purpose of additional analysis. See Note 1B on Page A-7 for a definition of the groupings in these statements. Transactions between Machinery and Engines and Financial Products have been eliminated to arrive at consolidated data.

STATEMENT 4 Statement of Cash Flow for the Years Ended December 31

(Millions of dollars)

					Supp	lemental c	onsolidatir	10 data	
	C	onsolidated	ł	Machir	nery and Er			ancial Prod	ucts
	1999	1998	1997	1999	1998	1997	1999	1998	1997
Cash flow from operating activities: Profit	\$ 946	\$ 1.513	\$ 1.665	\$ 946	\$ 1,513	\$ 1.665	\$ 159	\$ 193	\$ 131
Adjustments for noncash items:	φ 540	φ Ι,ΟΙΟ	φ 1,005	φ 940	φ 1,010	φ 1,005	φ 139	φ 190	φισι
Depreciation and amortization.		865	738	745	697	599	200	168	139
Profit of Financial Products Other	168	(4)	23	(159) 84	(193) 102	(131) (16)	84	(137)	41
Changes in assets and liabilities:		()				(- /		(-)	
Receivables — trade and other		(104)	(396)	368	993	(341)	294	(1,258)	(82)
Inventories Accounts payable and accrued expenses		(104) (60)	(375) 562	312 (45)	(104) (182)	(375) 529	(180)	284	37
Other — net		(328)	(121)	(205)	(102)	(129)	(100)	(72)	57
Net cash provided by (used for) operating activities		1,778	2,096	2,046	2,649	1,801	560	(822)	323
Oral flam from investige estivities									
Cash flow from investing activities: Capital expenditures — excluding equipment leased to others	(790)	(925)	(824)	(770)	(918)	(819)	(20)	(7)	(5)
Expenditures for equipment leased to others	(490)	(344)	(282)	(21)	(9)	(5)	(469)	(335)	(277)
Proceeds from disposals of property, plant, and equipment		141	138	30	17	15	185	124	123
Additions to finance receivables Collections of finance receivables		(8,537) 4,635	(6,644) 3.605	_	_	_	(8,526) 5,676	(8,537) 4.635	(6,644) 3,605
Proceeds from sale of finance receivables	1,324	1,705	1,833	_	_	_	1,324	1,705	1,833
Net intercompany borrowings			—	(100)	29	(94)	(87)	(244)	· —
Investments and acquisitions Other — net	(302) (127)	(1,428) 173	(59) (308)	(275) (263)	(1,428) (111)	(59) (290)	(27) 57	4	(68)
Net cash used for investing activities		(4,580)	(2,541)	(1,399)	(2,420)	(1,252)	(1,887)	(2,655)	(1,433)
				(1,000)			(1,001)		
Cash flow from financing activities:	(445)	(400)	(220)	(445)	(400)	(220)	(26)	(40)	(00)
Dividends paid Common stock issued, including treasury shares reissued	(445) 11	(400)	(338) 11	(445) 11	(400)	(338) 11	(36) 79	(49) 280	(28) 50
Treasury shares purchased	(260)	(567)	(706)	(260)	(567)	(706)			_
Net intercompany borrowings				87	244		100	(29)	94
Proceeds from long-term debt issued Payments on long-term debt		4,590 (1,153)	2,284 (1,237)	306 (109)	627 (65)	462 (177)	3,464 (2,179)	3,963 (1,088)	1,822 (1,060)
Short-term borrowings — net		388	258	(71)	(23)	17	(2,175)	411	241
Net cash provided by (used for) financing activities		2,864	272	(481)	(178)	(731)	1,372	3,488	1,119
Effect of exchange rate changes on cash		6	(22)	(29)	11	(22)	6	(5)	
Increase (decrease) in cash and short-term investments		68	(195)	137	62	(204)	51	6	9
Cash and short-term investments at the beginning of the period	360	292	487	303	241	445	57	51	42
Cash and short-term investments at the end of the period	\$ 548	\$ 360	\$ 292	\$ 440	\$ 303	\$ 241	\$ 108	\$ 57	\$ 51

⁽¹⁾ Represents Caterpillar Inc. and its subsidiaries except for Financial Products, which is accounted for on the equity basis.

All short-term investments, which consist primarily of highly liquid investments with original maturities of three months or less, are considered to be cash equivalents.

The supplemental consolidating data is presented for the purpose of additional analysis. See Note 1B on Page A-7 for a definition of the groupings in these statements. Transactions between Machinery and Engines and Financial Products have been eliminated to arrive at consolidated data.

(Dollars in millions except per share data)

1. Operations and summary of significant accounting policies

A. Nature of operations

We operate in three principal lines of business:

(1) *Machinery* — design, manufacture, and marketing of construction, mining, agricultural, and forestry machinery — track and wheel tractors, track and wheel loaders, pipelayers, motor graders, wheel tractor-scrapers, track and wheel excavators, backhoe loaders, mining shovels, log skidders, log loaders, offhighway trucks, articulated trucks, paving products, telescopic handlers, skid-steer loaders, and related parts.

(2) *Engines* — design, manufacture, and marketing of engines for Caterpillar *Machinery*, on-highway trucks and locomotives; marine, petroleum, construction, industrial, agricultural, and other applications; electric power generation systems; and related parts. Reciprocating engines meet power needs ranging from 5 to over 21,000 horsepower (4 to over 15 660 kilowatts). Turbines range from 1,340 to 18,000 horsepower (1000 to 13 500 kilowatts).

(3) *Financial Products* — financing to customers and dealers for the purchase and lease of Caterpillar and noncompetitive related equipment, as well as some financing for Caterpillar sales to dealers. Also provides various forms of insurance to customers and dealers to help support the purchase and lease of our equipment. This line of business consists primarily of Caterpillar Financial Services Corporation (Cat Financial) and its subsidiaries and Caterpillar Insurance Services Corporation.

Our products are sold primarily under the marks "Caterpillar," "Cat," "Solar," "Barber-Greene," "MaK," "Perkins," "F.G. Wilson," and "Olympian."

We conduct operations in our *Machinery* and *Engines*' lines of business under highly competitive conditions, including intense price competition. We place great emphasis upon the high quality and performance of our products and our dealers' service support. Although no one competitor is believed to produce all of the same types of machines and engines, there are numerous companies, large and small, which compete with us in the sale of each of our products.

Machines are distributed principally through a worldwide organization of dealers, 63 located in the United States and 144 located outside the United States. Worldwide, these dealers have more than 1,800 places of business and serve 172 countries. Reciprocating engines are sold principally through the worldwide dealer organization and to other manufacturers for use in products manufactured by them. Some of the reciprocating engines manufactured by Perkins are also sold through their worldwide distributor network. Our dealers do not deal exclusively with our products; however, in most cases sales and servicing of our products are our dealers' principal business. Turbines and large marine reciprocating engines are sold through sales forces employed by Solar and MaK, respectively. Occasionally, these employees are assisted by independent sales representatives.

Manufacturing activities of the *Machinery* and *Engines*' lines of business are conducted in 41 plants in the United States; nine in the United Kingdom; five in Italy and Mexico; four in China; three each in France, Germany, and Northern Ireland; two each in Australia, Canada, India, and Japan; and one each in Belgium, Brazil, Hungary, Indonesia, Netherlands, Poland, Russia, South Africa, and Sweden. Fourteen parts distribution centers are located in the United States and twelve are located outside the United States. The *Financial Products'* line of business also conducts operations under highly competitive conditions. Financing for users of Caterpillar products is available through a variety of competitive sources, principally commercial banks and finance and leasing companies. We emphasize prompt and responsive service to meet customer requirements and offer various financing plans designed to increase the opportunity for sales of our products and generate financing income for our company. *Financial Products'* activity is primarily conducted in the United States, with additional offices in Asia, Australia, Canada, Europe, and Latin America.

B. Basis of consolidation

The financial statements include the accounts of Caterpillar Inc. and its subsidiaries. Investments in companies that are owned 20% to 50% are accounted for by the equity method (see Note 10 on Page A-12).

The accompanying financial statements and supplemental consolidating data, where applicable, have been grouped as follows:

Consolidated — Caterpillar Inc. and its subsidiaries.

Machinery and Engines — primarily our manufacturing, marketing, and parts distribution operations, with the *Financial Products*' subsidiaries on an equity basis.

Financial Products — our finance and insurance subsidiaries, primarily Cat Financial and Caterpillar Insurance Services Corporation.

Certain amounts for prior years have been reclassified to conform with the current-year financial statement presentation.

C. Sales and revenue recognition

Sales of machines and engines are generally unconditional sales that are recorded when product is shipped and invoiced to independently owned and operated dealers or customers.

Revenues primarily represent finance and lease revenues of Cat Financial, a wholly-owned subsidiary. Finance revenues are recognized over the term of the contract at a constant rate of return on the scheduled uncollected principal balance. Lease revenues are recognized in the period earned. Recognition of income is suspended when collection of future income is not probable. Income recognition is resumed if the receivable becomes contractually current and collection doubts are removed; previously suspended income is recognized at that time.

D. Inventories

Inventories are valued principally by the LIFO (last-in, first-out) method. The value of inventories on the LIFO basis represented approximately 80% of total inventories at December 31, 1999, and 85% at December 31, 1998 and 1997.

If the FIFO (first-in, first-out) method had been in use, inventories would have been \$2,000, \$1,978, and \$2,067 higher than reported at December 31, 1999, 1998, and 1997, respectively.

E. Depreciation and amortization

Depreciation of plant and equipment is computed principally using accelerated methods. Amortization of purchased intangibles is computed using the straight-line method, generally over a period of 20 years or less. Accumulated amortization was \$150, \$84, and \$51, at December 31, 1999, 1998, and 1997, respectively.

The increases in intangible assets in 1999 and 1998 were primarily related to the acquisitions of F.G. Wilson in 1999 and Perkins in 1998 (see Note 22 on Page A-19).

F. Foreign currency translation

The functional currency for most of our *Machinery and Engines*' consolidated companies is the U.S. dollar. The functional currency for most of our *Financial Products*' and equity basis companies is the respective local currency. Gains and losses resulting from the translation of foreign currency amounts to the functional currency are included in the results of operations. Gains and losses resulting from translating assets and liabilities from the functional currency to U.S. dollars are included in "Accumulated other comprehensive income," which is part of stockholders' equity.

G. Derivative financial instruments

We use derivative financial instruments (derivatives) to manage foreign currency, interest rate, and commodity price exposures that arise in the normal course of business. Derivatives that we use are primarily foreign currency contracts (forward and option), interest rate swaps, and commodity contracts (swap and option). Derivatives are not used for speculative purposes.

Please refer to Note 2 for more information on derivatives, including the methods used to account for them.

H. Estimates in financial statements

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect reported amounts. Examples of the more significant estimates include: accruals and reserves for warranty and product liability losses, postemployment benefits, environmental costs, income taxes, and plant closing costs.

I. Future accounting changes

In June 1998, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards No. 133 (SFAS 133), "Accounting for Derivative Instruments and Hedging Activities." SFAS 133 requires that an entity record all derivatives in the statement of financial position at their fair value. It also requires changes in fair value to be recorded each period in current earnings or other comprehensive income depending upon the purpose for using the derivative and/or its qualification, designation, and effectiveness as a hedging transaction. In June 1999, the FASB issued Statement of Financial Accounting Standards No. 137 (SFAS 137), "Accounting for Derivative Instruments and Hedging Activities - Deferral of the Effective Date of SFAS 133." This statement defers the effective date of SFAS 133 to fiscal years beginning after June 15, 2000. We will adopt the new standard for the fiscal year beginning January 1, 2001. We are currently analyzing the impact of SFAS 133. Due to the inherent complexities of this standard and the fact that certain issues remain unresolved by the FASB, we have not yet determined the full impact that the adoption of SFAS 133 will have on our financial position, results of operations, or cash flow. However, at this time, we do not believe that the impact will be material.

2. Derivative financial instruments and risk management

A. Foreign exchange derivative instruments — forward exchange and option contracts

Our *Machinery and Engines*' operations are subject to foreign exchange risk. Currency exchange rates impact the U.S. dollar amount of sales made and costs incurred in foreign currencies.

Our *Financial Products*' operations are subject to foreign exchange risk when the currency of debt obligations does not match the currency of the receivables portfolio.

Forward exchange contracts and certain foreign currency option contracts are used to hedge our foreign exchange risks. Other than the up-front premiums that we pay on foreign currency option contracts, all cash flow related to these contracts occurs when the contracts mature.

Our accounting treatment of foreign currency contracts depends upon the nature of the contracts:

- 1. Forward contracts designated as hedges of firm future foreign currency commitments and purchased foreign currency option contracts designated as hedges of probable foreign currency transactions:
 - No gains or losses are reported until the hedged transaction occurs, even if the contracts are terminated or mature prior to the time of the hedged transaction.
 - Gains and losses are recognized and reported on the same financial statement line as the hedged transaction when the hedged transaction occurs.
 - Gains and losses are immediately recognized in current income ("Other income (expense)" in Statement 1) in those unusual instances when the hedged transaction is no longer expected to occur, or a foreign currency contract is no longer effective as a hedge.
- 2. All other foreign currency contracts (those used to hedge net balance sheet exposures and anticipated net cash flow exposures for the next 12 months):
 - All gains or losses are recognized in current income ("Other income (expense)") as currency exchange rates change.
 - Net gains are reflected as an asset ("Receivables trade and other" in Statement 3) until cash is actually received. Conversely, net losses are shown as a liability ("Accrued expenses" in Statement 3) until cash is actually paid.

The notional amounts of outstanding contracts to buy and sell foreign currency were:

	December 31,							
	1999 1			1998		1998		997
Hedges of firm commitments and/or probable foreign currency transactions	\$	250	\$	222	\$	166		
Hedges of balance sheet exposure and/or anticipated cash flow exposure for the next 12 months	\$2	2,405	\$1	,802	\$1	1,294		

The company also had \$90 of written foreign currency options open at December 31, 1999. These written options were originally entered into as a part of a combination option strategy. The related purchased options were either sold or terminated prior to the maturity date. The maturity dates of the outstanding written options are within the first quarter of 2000. The company has applied mark-to-market accounting treatment to these written options.

The maturity dates for our outstanding contracts are primarily less than six months.

Please refer to Note 16 and Table IV on Page A-15 for fair value information on foreign currency contracts.

B. Interest rate derivative instruments

We primarily use interest rate swap contracts to manage our exposure to interest rate changes and to lower the cost of borrowed funds.

Interest rate swap contracts are linked to debt instruments and, in effect, change the characteristics of the debt (e.g., from fixed rate to floating rate). Interest rate swap contracts are not reflected in the financial statements at fair market value. The notional amounts of outstanding interest rate swap contracts were \$4,997, \$3,083, and \$2,595 at December 31, 1999, 1998, and 1997, respectively.

The difference between the interest payable and the interest receivable on each interest rate swap contract is recorded each reporting period as an adjustment to current income ("Interest expense excluding Financial Products" or "Interest expense of Financial Products" in Statement 1, as applicable). Interest rate swap contracts that are in a payable position are shown as interest payable ("Accrued expenses" in Statement 3); those in a receivable position are shown as an asset ("Receivables - trade and other" in Statement 3). The actual cash settlement on these interest rate swap contracts occurs at times specified in the agreement. If an interest rate swap contract is terminated prior to its maturity, no immediate gain or loss is recognized in the financial statements, except in those cases where the debt instrument to which the contract is linked is also terminated.

Please refer to Note 16 and Table IV on Page A-15 for fair value information of interest rate swap contracts.

C. Commodity related derivative instruments

Our Machinery and Engines' operations are also subject to commodity price risk (i.e., potential price increases of our production material as a result of price increases in raw materials). We make limited use of commodity swap and/or option contracts to manage the risk of unfavorable price movement. The use of these types of derivative financial instruments has not been material.

3. Other income (expense)

	Years ended December 31,						
	_1	999	_1	998	_1	997	
Investment and interest income	\$	61	\$	101	\$	115	
License fees		14		18		25	
Foreign exchange (losses) gains		(10)		(23)		(10)	
Miscellaneous income		131		89		72	
	\$	196	\$	185	\$	202	
	_		_		_		

4. Inventories

	December 31,						
	1999	1998	1997				
Raw materials and work-in-process	\$ 969	\$ 1,041	\$1,013				
Finished goods	1,430	1,605	1,404				
Supplies	195	196	186				
	\$2,594	\$ 2,842	\$2,603				

5. Finance receivables

Finance receivables are receivables of Cat Financial, which generally can be repaid or refinanced without penalty prior to contractual maturity. Total finance receivables reported in Statement 3 are net of an allowance for credit losses.

Please refer to Table I below for additional finance receivables information and Note 16 and Table IV on Page A-15 for fair value information.

			TAB	LE I —	Finance l	Receivabl
Contractual maturities (of outstandi	ng receivab	les:			Allov
		December	r 31, 1999			
Amounts Due In 2000 2001 2002 2003 2004 Thereafter Residual value. Less: Unearned income Total	Installment <u>Contracts</u> \$1,121 794 509 242 69 <u>18</u> 2,753 <u>220</u> <u>\$2,533</u>	Financing Leases \$1,295 979 626 329 136 128 3,493 979 544 \$3,928	4 2 1	64 \$ 663 \$ 16	Total 3,980 2,436 1,603 840 399 471 9,729 979 780 5,9,928	Balan Provis Less: Balan Cat F
Impaired loans and leas	ses:					Total
Average recorded investme			1999 <u>\$ 106</u>	1998 <u>\$74</u>	<u>1997</u> <u>\$ 47</u>	Estim Gua Unç
At December 31: Recorded investment Less: Fair value of underly Potential loss	ying collateral		\$95 41 \$54	\$ 61 35 <u>\$ 26</u>	\$ 30 <u>18</u> <u>\$ 12</u>	Less: Net in

oles Information

wance for credit loss activity:

	1999		-	1998	1	1997
Balance at beginning of year	\$	110	\$	84	\$	74
Provision for credit losses		60		70		39
Less: Net credit losses		31		38		19
Less: Other — net		5		6		10
Balance at end of year	\$	134	\$	110	\$	84

Financial's net investment in financing leases:

	December 31,						
	1999	1998	1997				
Total minimum lease payments receivable	\$3,493	\$ 3,161	\$2,784				
Estimated residual value of leased assets:							
Guaranteed	261	229	206				
Unguaranteed	718	667	519				
	4,472	4,057	3,509				
Less: Unearned income	544	487	478				
Net investment in financing leases	\$3,928	\$3,570	\$ 3,031				

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6. Income taxes

The components of profit before taxes were:

1999	1998	1997				
\$1,050	\$1,880	\$2,071				
371	294	342				
\$1,421	\$ 2,174	\$2,413				
	<u>1999</u> \$1,050 371	1999 1998 \$1,050 \$1,880 371 294 \$1,421 \$2,174				

Vears ended December 31

December 31

The components of the provision for income taxes were:

	Years ended December 31,						
•	_1	999	1998		_1	997	
Current tax provision: U.S. Federal Non-U.S. State (U.S.)	\$	179 190 21	\$	471 102 45	\$	571 103 54	
Deferred tax provision (credit):	<u>\$</u>	390	<u>\$</u>	618	<u>\$</u>	728	
U.S. Federal		81 (25)		93 (55)		60 7	
State (U.S.)		<u> </u>		<u>9</u>		1	
		65		47		68	
Total provision	\$	455	\$	665	\$	796	

Reconciliation of the U.S. federal statutory rate to effective rate:

	Years ended December 31,						
	1999	1998	1997				
U.S. statutory rate	35.0 %	35.0 %	35.0 %				
(Decreases) increases in taxes resulting from: Net operating loss carryforwards Benefit of Foreign Sales Corporation	(0.4)%	(2.1)%	(1.0)%				
Non-U.S. subsidiaries taxed at other than 35% Other — net Provision for income taxes			0.4 %				

We paid income taxes of \$306, \$714, and \$709 in 1999, 1998, and 1997, respectively.

We have recorded income tax expense at U.S. tax rates on all profits, except for undistributed profits of non-U.S. companies which are considered permanently invested. Determination of the amount of unrecognized deferred tax liability related to permanently invested profits is not feasible.

Deferred tax assets and liabilities:

		December 2	Ι,
	1999	1998	1997
Deferred tax assets:			
Postemployment benefits other than pensions	\$1.044	\$ 1,032	\$1.107
Warranty reserves	237	194	159
Unrealized profit excluded			
from inventories	167	179	201
Net operating loss carryforwards	170	83	76
Inventory valuation method	93	78	62
Other	205	230	233
	1,916	1,796	1,838
Deferred tax liabilities:	(000)	(000)	(177)
Capital assets Pension	(383) (138)	(263) (83)	(1/7)
rension	/	/	(99)
	(521)	(346)	(276)
Valuation allowance for deferred tax assets	(72)	(61)	(129)
Deferred taxes — net	\$1,323	\$ 1,389	\$1,433

A valuation allowance has been recorded at certain non-U.S. subsidiaries that have not yet demonstrated consistent and/or sustainable profitability to support the recognition of net deferred tax assets. Circumstances could change in the future which would allow us to reduce the remaining valuation allowance and recognize additional net deferred tax assets.

In 1998, circumstances changed at certain of our European subsidiaries which allowed us to reduce the valuation allowance and recognize additional net deferred tax assets.

As of December 31, 1999, amounts and expiration dates of net operating loss carryforwards in various non-U.S. taxing jurisdictions were:

2000	2001	2002	2003	2004	2005	2006	Unlimited	Total
\$1	\$4	\$8	\$18	\$15	\$45	\$45	\$482	\$618

7. Operating leases

We lease certain computer and communications equipment, transportation equipment, and other property through operating leases. Total rental expense for operating leases was \$246, \$224, and \$176 for 1999, 1998, and 1997, respectively.

Minimum payments for operating leases having initial or remaining non-cancelable terms in excess of one year are:

Years ended December 31,									
2000	2001	2002	2003	2004	After 2004	Total			
2000	2001	2002	2000	2004	2004	τυιαι			
\$155	\$106	\$73	\$57	\$49	\$187	\$627			

8. Postemployment benefit plans

A. Pension plans

We have both U.S. and non-U.S. pension plans covering substantially all of our employees. The defined benefit plans provide a benefit based on years of service and/or the employee's average earnings near retirement.

Please refer to Table II on Page A-11 for additional financial information.

B. Other postretirement benefit plans

We have defined-benefit retirement health care and life insurance plans for substantially all of our U.S. employees.

Please refer to Table II on Page A-11 for additional financial information.

C. Other postemployment benefit plans

We offer long-term disability benefits, continued health care for disabled employees, survivor income benefits insurance, and supplemental unemployment benefits to substantially all eligible U.S. employees.

D. Summary of long-term liability:

	1999	1998	1997				
Pensions	\$ 3	\$ 66	\$ 3				
Postretirement benefits other than pensions	2,465	2,457	2,628				
Other postemployment benefits	68	67	67				
	\$2,536	\$ 2,590	\$2,698				

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TABLE II — Financial Information Related to Pension and Other Postretirement Benefit Plans

	_	Pension Benefits		Other Postretirement Benefits								
		1999	_	1998		1997		1999		1998		1997
Change in benefit obligation: Benefit obligation, January 1. Service cost Interest cost Business combinations. Plan amendments. Actuarial (gains) losses Foreign currency exchange rates Benefits paid Benefit obligation, December 31	\$	8,034 147 514 4 15 (408) (39) (531) 7,736	\$	6,713 148 484 504 335 272 49 (471) 8,034	\$	6,082 114 434 	\$	4,020 93 270 (329) (233) 3,821	\$	3,603 82 256 226 43 (190) 4,020	\$	3,346 72 249 117 (181) 3,603
Change in plan assets: Fair value of plan assets, January 1 Actual return on plan assets. Business combinations. Foreign currency exchange rate changes. Voluntary employer contributions Benefits paid Employer funding of benefits paid. Fair value of plan assets, December 31	\$	8,756 1,416 6 (31) (531) 84 9,700	\$ \$	7,718 983 448 34 (471) 44 8,756	\$	6,930 1,188 (24) (427) 51 7,718	\$	1,098 183 — (228) 238 1,291	\$ \$	804 104 200 (185) <u>175</u> 1,098	\$	547 76 200 (176) 157 804
Over (under) funded, December 31 Unrecognized prior service cost Unrecognized net actuarial (gain) loss Unrecognized net asset existing at adoption of SFAS 87 Net amount recognized in financial position	\$	1,964 491 (2,078) (18) 359	\$ \$	722 577 (1,074) (42) 183	\$ \$	1,005 332 (1,058) (59) 220	\$ \$	(2,530) 189 (355) (2,696)	\$ \$	(2,922) 208 51 (2,663)	\$	(2,799) (98) 38 (2,859)
Components of net amount recognized in financial position: Prepaid benefit costs Accrued benefit liabilities Intangible assets Adjustment for minimum pension liability Accumulated other comprehensive income Net asset (liability) recognized	\$	731 (372) (3) 3 359	\$	501 (318) 2 (66) <u>64</u> 183	\$	404 (184) 3 (3) 220	\$	(2,696) (2,696)	\$	(2,663)	\$	(2,859)
Components of net periodic benefit cost: Service cost Interest cost Expected return on plan assets.	\$	147 514 (798)	\$	148 484 (689)	\$	114 434 (580)	\$	93 270 (107)	\$	82 256 (74)	\$	72 249 (47)
Ammortization of: Net asset existing at adoption of SFAS 87 Prior service cost ⁽¹⁾		(23) 101		(23) 88		(23) 62		 19		(80)		(190)
Net actuarial (gain) loss Total benefit cost included in results of operations	\$	(26) (85)	\$	(4) 4	\$	(1)	\$	<u>1</u> 276	\$	184	\$	84
Rate assumptions as of December 31: Assumed discount rate ⁽²⁾ Expected rate of compensation increase ⁽²⁾ Expected long-term rate of return on plan assets ⁽²⁾		7.4% 4.0% 9.6%	==	6.6% 4.0% 9.6%		7.0% 4.0% 9.5%	=	7.8% 4.0% 10.0%		6.8% 4.0% 10.0%	=	7.0% 4.0% 9.5%

For measurement purposes, a 5.8% annual rate of increase in the per capita cost of covered health care benefits was assumed for 2000. This rate was assumed to decrease gradually to 4.5% in 2002.

⁽¹⁾ Prior service costs are amortized using a straight-line method. For our pension plans, the straight-line method is used over the average remaining service period of employees expected to receive benefits from the plan amendment. For our other postretirement benefit plans, the straight-line method is used over the average remaining service period of employees impacted by the plan amendment.

⁽²⁾ Weighted-average rates.

(continued on next page)

TABLE II Continued — Financial Information Related to Pension and Other Postretirement Benefit Plans

Effects of a one-percentage-point change	in the
assumed health care cost trend rates for 1	

	One-percentage- _point increase	One-percentage- _point decrease
Approximate effect on the total of service and interest cost components of other postretirement benefit cost Approximate effect on accumulated	\$ 39	\$ (32)
postretirement benefit obligation	\$320	\$(216)

9. Property, plant, and equipment

	December 31,						
	1999	1998	1997				
Land — at original cost	\$ 141	\$ 140	\$ 121				
Buildings and land improvements	2,925	2,949	2,773				
Machinery, equipment, and other	6,271	5,871	5,309				
Equipment leased to others	1,288	1,063	843				
Construction-in-process	<u> </u>	372	357				
	10,929	10,395	9,403				
Less: Accumulated depreciation	5,728	5,529	5,345				
Property, plant, and equipment — net	\$5,201	\$ 4,866	\$4,058				

We had commitments for the purchase or construction of capital assets of approximately \$230 at December 31, 1999.

Assets recorded under capital leases(1):

Assets recorded under capital leases .	December 31,					
	1	999	1	998	1	997
Gross capital leases ⁽²⁾		688	\$	703	\$	717
Less: Accumulated depreciation	_	529		547		561
Net capital leases	\$	159	\$	156	\$	156

⁽¹⁾ Included in Property, plant, and equipment table above.

⁽²⁾ Consists primarily of machinery and equipment.

Equipment leased to others (primarily by Financial Products):

	December 31,					
	1999	1998	1997			
Equipment leased to others — at original cost Less: Accumulated depreciation	408	328	\$ 843 <u>272</u>			
Equipment leased to others — net	<u>\$ 880</u>	<u>\$ 735</u>	<u>\$ 571</u>			

Scheduled minimum rental payments to be received for equipment leased to others:

			December 31,			
2000	2001	2002	2003	2004	After 2004	
\$251	\$194	\$107	\$50	\$15	\$12	

10. Unconsolidated affiliated companies

Combined financial information of the unconsolidated affiliated companies, accounted for by the equity method, was as follows:

	Years ended September 30,				
	1999	1998	1997		
Results of Operations					
Sales	\$2,814	\$ 2,909	\$ 3,613		
Cost of Sales		2,249			
Gross Margin	567	660	859		
Profit (Loss)	\$ (37)	\$ 6	\$ 104		

The following amounts relate to our pension plans with accumulated benefit obligations in excess of plan assets:

	At December 31,				
	1999		1998	_1	997
Accumulated benefit obligation	\$	(84)	\$(3,546)	\$	(69)
Projected benefit obligation	\$	(92)	\$(3,593)	\$	(92)
Fair value of plan assets	\$	(12)	\$ 3,239	\$	41
			a		

	September 30,			
	1999	1998	1997	
Financial Position				
Assets:				
Current assets	\$1,641	\$ 1,569	\$1,949	
Property, plant, and equipment — net	978	788	792	
Other assets	415	351	331	
	3,034	2,708	3,072	
Liabilities:				
Current liabilities	1.306	1.259	1.610	
Long-term debt due after one year	512	274	203	
Other liabilities	318	94	129	
	2,136	1,627	1,942	
Ownership	\$ 898	\$1,081	\$ 1,130	

At December 31, 1999, consolidated "Profit employed in the business" in Statement 2 included \$135 representing undistributed profit of the unconsolidated affiliated companies. In 1999, 1998, and 1997, we received \$8, \$10, and \$36, respectively, in dividends from unconsolidated affiliated companies.

In prior years and through June of this year, our investment in F.G. Wilson was accounted for using the equity method and reported as an unconsolidated affiliated company. In June, we acquired the remaining interest in F.G. Wilson. Beginning in July, all elements of its financial reporting are included in the appropriate lines of the consolidated financial statements.

11. Credit commitments

	Consolidated	December 31, 1999 Machinery	Financial
	Consolidated	and Engines	Products
Credit lines available: U.S Non-U.S. Intercompany	\$3,400 ⁽¹⁾ 1,642	\$3,400 ⁽¹⁾ 171 <u>673⁽²⁾</u>	\$2,600 ⁽¹⁾ 1,471 <u>835⁽²⁾</u>
Total credit lines available	5,042	4,244	4,906
Utilized credit: Backup for bank borrowings Unused credit	<u>139</u> \$4,903	<u>51</u> \$4,193	<u>88</u> \$4.818
	φ4,300	ψ +, 135	φ+,010

⁽¹⁾ A U.S. line of credit of \$2,900 is available to both *Machinery and Engines* and *Financial Products* (Cat Financial). Cat Financial may use up to 90% of the available line subject to a maximum debt to equity ratio. *Machinery and Engines* may use up to 100% of the available line subject to a minimum level of net worth. Based on these restrictions, and the allocating decisions of available credit made by management, the line of credit available to Cat Financial at December 31, 1999, was \$2,600. An additional line of credit of \$500 is available to *Machinery and Engines*.

⁽²⁾ Represents variable lending agreements between Caterpillar Inc. and Cat Financial.

Based on long-term credit agreements, \$2,244, \$2,353, and \$2,301 of commercial paper outstanding at December 31, 1999, 1998, and 1997, respectively, were classified as long-term debt due after one year.

12. Short-term borrowings

	December 31,					
Mashingan and Engineer	19	99	9 1998		_1	997
Machinery and Engines: Notes payable to banks	<u>\$</u>	51	<u>\$</u>	49	<u>\$</u>	53
Financial Products: Notes payable to banks Commercial paper Other		88 534 408		189 497 286		145 235 295
Less: Intercompany borrowings	1,	030 311		972 212		675 244
Total short-term borrowings	\$	770	\$	809	\$	484
The weighted eveness interest rotes on	orto		a b	ant to		hor

The weighted average interest rates on external short-term borrowings outstanding were: December 31.

	1999	1998	1997
Notes payable to banks Commercial paper Other	5.5%		5.2%

Please refer to Note 16 and Table IV on Page A-15 for fair value information on short-term borrowings.

13. Long-term debt

	December 31,			
	1999	1998	1997	
Machinery and Engines:				
Notes — 93/8% due 2000	\$ —	\$ 150	\$ 150	
Notes — 93/8% due 2001	184	184	184	
Notes — 6% due 2003	252	253		
Debentures — 9% due 2006	203	202	202	
Debentures — 6% due 2007	154		141	
Debentures — 7¼% due 2009	300			
Debentures — 9 ³ % due 2011	123	. = +	123	
Debentures — 9¾% due 2000-2019	184		199	
Debentures — 93/8% due 2021	236		236	
Debentures — 8% due 2023	199		199	
Debentures — 65% due 2028	299			
Debentures — 7 ³ / ₈ % due 2097	297	=0.	297	
Medium-term notes	96		153	
Capital lease obligations	508		438	
Other	64		45	
	3,099	2,993	2,367	
Financial Products:				
Commercial paper supported by revolving		0.050	0.004	
credit agreements (Note 11)	2,244		2,301	
Medium-term notes	4,524		2,241	
Other	61		33	
Total Financial Products	6,829	6,411	4,575	
Total long-term debt due after one year	\$9,928	\$ 9,404	\$ 6,942	

Other than the debt of the *Financial Products*' subsidiaries, all outstanding notes and debentures itemized above are unsecured direct obligations of Caterpillar Inc. The capital lease obligations are collateralized by leased manufacturing equipment and/or security deposits.

The 6% notes may be redeemed in whole at their principal amount if we are required to pay additional taxes or duties as a result of a change in tax law and that obligation cannot be reasonably avoided. In addition, if the identity of beneficial owners of the notes must be disclosed in certain circumstances, we would be required either to redeem the notes or satisfy the information disclosure requirement through the payment of certain taxes or charges. We may also purchase the 6% notes at any time in the open market.

The 6% debentures were sold at significant original issue discounts (\$144). This issue is carried net of the unamortized portion of its discount, which is amortized as interest expense over the life of the issue. These debentures have a principal at maturity of \$250 and an effective annual cost of 13.3%. We may redeem them, at our option, at an amount equal to the respective principal at maturity.

We may redeem annually, at our option, an additional amount for the $9\frac{3}{4}\%$ sinking fund debenture issue, without premium, equal to 200% of the amount of the sinking fund requirement. Also, we may redeem additional portions of the sinking fund debentures by the payment of premiums which, starting in 1999, decrease periodically.

We may redeem the $7^{1}/_{4}$ %, $6^{5}/_{8}$ %, and the $7^{3}/_{8}$ % debentures in whole or in part at our option at any time at a redemption price equal to the greater of 100% of the principal amount of the debentures to be redeemed or the sum of the present value of the remaining scheduled payments.

The terms of other notes and debentures do not specify a redemption option prior to maturity.

The medium-term notes are offered on a continuous basis through agents and are primarily at fixed rates. *Machinery and Engines*' medium-term notes have maturities from nine months to 30 years. At December 31, 1999, these notes had a weighted average interest rate of 8.1% with two years to four years remaining to maturity. *Financial Products*' medium-term notes have a weighted average interest rate of 6.1% with remaining maturities up to seven years at December 31, 1999.

The aggregate amounts of maturities and sinking fund requirements of long-term debt during each of the years 2000 through 2004, including that due within one year and classified as current are:

December 31,						
2000	2001	2002	2	003	2	004
\$ 167	\$ 208	\$ 92	\$	217	\$	43
2,937	2,198	1,389	_	383		530
\$3,104	\$ 2,406	\$ 1,481	\$	600	\$	573
	\$ 167 2,937	$\begin{array}{c c} \frac{2000}{\$ \ 167} & \frac{2001}{\$ \ 208} \\ \underline{2,937} & \underline{2,198} \end{array}$	$ \begin{array}{c c} \underline{2000} \\ \hline \$ \\ \underline{2,937} \\ \underline{2,937} \end{array} \begin{array}{c} \underline{2001} \\ \hline \$ \\ \underline{2,198} \\ \underline{2,198} \end{array} \begin{array}{c} \underline{2002} \\ \hline \$ \\ \underline{92} \\ \underline{1,389} \end{array} $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Interest paid on short-term and long-term borrowings for 1999, 1998, and 1997 was \$796, \$669, and \$508, respectively.

Please refer to Note 16 and Table IV on Page A-15 for fair value information on long-term debt.

14. Capital stock

A. Stock options

In 1996, stockholders approved a plan providing for the granting of options to purchase common stock to officers and other key employees, as well as non-employee directors. This plan reserves 22,000,000 shares of common stock for issuance. Options vest at the rate of one-third per year over the three year period following the date of grant, and have a maximum term of ten years. Common shares issued under stock options, including treasury shares reissued, totaled 1,449,797; 676,113; and 1,264,539; in 1999, 1998, and 1997, respectively. Our plan grants options which have exercise prices equal to the average market price on the date of grant. We account for our stock options in accordance with Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees." Therefore, no compensation expense is recognized in association with these options. As required by Statement of Financial Accounting Standard (SFAS) No. 123, "Accounting for Stock-Based Compensation," a summary of the pro forma net income and profit per share amounts are shown in Table III below. Consistent with the requirements of SFAS 123, compensation expense related to grants made prior to 1995 have not been taken into consideration. Therefore, the pro forma amounts for 1997 are not representative of the impact of future disclosures. The fair value of each option grant is estimated at the date of grant using the Black-Scholes option-pricing model.

Please refer to Table III below for additional financial information on our stock options.

B. Restricted stock

The 1996 Stock Option and Long-Term Incentive Plan permits the award of restricted stock to officers and other key employees, as well as non-employee directors. During 1999, 76,131 shares of restricted stock were awarded to officers and other key employees as Performance Awards, and 8,650 shares of restricted stock were granted to non-employee directors.

TABLE III — Financial Information Related to Capital Stock

Changes in the status of common shares subject to issuance under options:

	1999		1998			1997		
	Shares	Weighted- Average Exercise Price	Shares	Weighted- Average Exercise sPrice		Shares	Av Ex	eighted- verage kercise Price
Fixed Options								
Outstanding at beginning of year	18,439,777	\$ 38.50	15,056,412	\$	31.89	13,874,114	\$	25.31
Granted to officers and key employees	4,937,132	\$ 62.34	4,695,495	\$	55.69	3,491,650	\$	51.66
Granted to outside directors	52,000	\$ 57.56	44,000	\$	54.38	40,000	\$	39.19
Exercised	(2,752,448)	\$ 25.20	(1,237,010)	\$	23.22	(2,274,474)	\$	22.16
Lapsed	(272,285)	\$ 54.39	(119,120)	\$	45.74	(74,878)	\$	32.61
Outstanding at end of year	20,404,176	\$ 45.90	18,439,777	\$	38.50	15,056,412	\$	31.89
Options exercisable at year-end Weighted-average fair value of options granted during the year		\$ 36.12	10,443,515 \$13.01	\$	28.48	8,386,814 \$16.15	\$	23.58

Stock options outstanding and exercisable:

		Options Outstanding		Options Exercisable			
Exercise Prices	# Outstanding at 12/31/99	Weighted-Average Remaining Contractual Life (Years)	Weighted-Average Exercise Price	# Outstanding at 12/31/99	Weighted-Average Exercise Price		
\$11.78 - \$16.44	1,275,941	1.8	\$14.79	1,275,941	\$14.79		
\$18.77 - \$26.77	1,920,120	4.1	\$24.25	1,920,120	\$24.25		
\$27.91 - \$39.19	4,454,332	6.0	\$31.75	4,441,002	\$31.73		
\$51.66 - \$62.34	12,753,783	8.6	\$57.21	4,018,605	\$53.40		
	20,404,176	7.2	\$45.90	11,655,668	\$36.12		

Voora anded December 21

SFAS 123 pro forma net income and earnings per share:

	Years ended December 31,			
	1999	1998	1997	
Net Income: As reported Pro forma Profit per share of common stock: As reported:	\$946 \$910	\$ 1,513 \$ 1,481	\$1,665 \$1,640	
As reported. Basic Assuming dilution Pro forma:	\$ 2.66 \$ 2.63	\$ 4.17 \$ 4.11	\$ 4.44 \$ 4.37	
Basic Assuming dilution	\$ 2.56 \$ 2.55	\$ 4.08 \$ 4.04	\$ 4.37 \$ 4.32	

Weighted-average assumptions used in determining fair value of option grants:

		GIAIIL TEAL	
	1999	1998	1997
Dividend yield	2.07 %	1.91%	1.94%
Expected volatility	24.4%	19.8%	25.5%
Risk-free interest rates	5.80 %	5.55%	6.42%
Expected lives	5 years	5 years	4 years

Grant Vear

C. Stockholders' rights plan

We are authorized to issue 5,000,000 shares of preferred stock, of which 2,000,000 shares have been designated as Series A Junior Participating Preferred Stock of \$1.00 par value. None of the preferred shares have been issued.

Stockholders would receive certain preferred stock purchase rights if someone acquired or announced a tender offer to acquire 15% or more of outstanding Caterpillar stock. In essence, those rights would permit each holder (other than the acquiring person) to purchase one share of Caterpillar stock at a 50% discount for every share owned. The rights, designed to protect the interests of Caterpillar stockholders during a takeover attempt, expire December 11, 2006.

15. Profit per share

	199	Years ended December 31, 99 1998 1997					
Profit (A)			_	1,513	_	1,665	
Determination of shares:							
Weighted-average common shares outstanding (B) Assumed conversion	. 355,39	2,423	363,	189,005	375	,124,745	
of stock options	3,97	4,862	4,	941,357	5	,416,215	
Weighted-average common shares outstanding — assuming dilution (C)	. 359,36	7,285	368,	130,362	380	,540,960	
Profit per share of common stock (A+B) Profit per share of common	.\$	2.66	\$	4.17	\$	4.44	
stock — assuming dilution (A÷C)	.\$	2.63	\$	4.11	\$	4.37	

Stock options to purchase 12,953,783; 8,143,885; and 3,521,250 shares of common stock at a weighted-average price of \$56.99, \$53.98, and \$51.66 were outstanding during 1999, 1998 and, 1997 respectively, but were not included in the computation of diluted profit per share, because the options' exercise price was greater than the average market price of the common shares.

16. Fair values of financial instruments

We used the following methods and assumptions to estimate the fair value of our financial instruments:

Cash and short-term investments — carrying amount approximated fair value.

Long-term investments (other than investments in unconsolidated affiliated companies) — fair value was estimated based on quoted market prices.

Foreign currency contracts (forwards and options) — fair value was estimated based on quoted market prices of comparable instruments.

Finance receivables — fair value was estimated by discounting the future cash flow using current rates, representative of receivables with similar remaining maturities. Historical bad debt experience was also considered.

Short-term borrowings — carrying amount approximated fair value.

Long-term debt — for *Machinery and Engines*' notes and debentures, fair value was estimated based on quoted market prices. For *Financial Products*, fair value was estimated by discounting the future cash flow using our current borrowing rates for similar types and maturities of debt, except for floating rate

TABLE IV — Fair Values of Financial Instruments

Asset (Liability)	19	99	19	98	19	97			
At December 31	Carrying Amount	Fair Value	Carrying Amount	Fair Value	Carrying Amount	Fair Value	Reference #		
Cash and short-term investments	\$ 548	\$ 548	\$ 360	\$ 360	\$ 292	\$ 292	Statement 3, Note 17		
Long-term investments	667	667	450	450	701	701	Note 17		
Foreign currency contracts	69	82	8	9	41	47	Note 2		
Finance receivables — net (excluding operating and finance type leases and currency swaps ⁽¹⁾) Short-term borrowings	8,774 (770)	8,753 (770)	7,709 (809)	7,770 (809)	5,788 (484)	5,815 (484)	Note 5 Note 12		
Long-term debt (including amounts due within one year) Machinery and Engines Financial Products	(3,266) (9,766)	(3,285) (9,688)	(3,053) (8,590)	(3,417) (8,634)	(2,421) (5,663)	(2,785) (5,721)	Note 13 Note 13		
Interest rate swaps Machinery and Engines — in a net receivable position in a net payable position Financial Products —	2 (8)	1 (24)	1 (6)	22	1 (3)	10 (1)	Note 2 Note 2		
in a net receivable position in a net payable position	22 (1)	29 (7)	14 (2)	19 (24)	(3)	20 (12)	Note 2 Note 2		

notes and commercial paper supported by revolving credit agreements for which the carrying amounts were considered a reasonable estimate of fair value.

Interest rate swaps — fair value was estimated based on the amount that we would receive or pay to terminate our agreements as of year end.

Please refer to Table IV on Page A-15 for the fair values of our financial instruments.

17. Concentration of credit risk

Financial instruments with potential credit risk consist primarily of trade and finance receivables and short-term and long-term investments. Additionally, to a lesser extent, we have a potential credit risk associated with counterparties to derivative contracts.

Trade receivables are primarily short-term receivables from independently owned and operated dealers which arise in the normal course of business. We perform regular credit evaluations of our dealers. Collateral is generally not required, and the majority of our trade receivables are unsecured. We do however, when deemed necessary, make use of various devices such as security agreements and letters of credit to protect our interests. No single dealer represents a significant concentration of credit risk.

Finance receivables primarily represent receivables under installment sales contracts, receivables arising from leasing transactions and notes receivable. Receivables from customers in construction-related industries made up approximately one-third of total finance receivables at December 31, 1999, 1998, and 1997, respectively. We generally maintain a secured interest in the equipment financed. No single customer or region represents a significant concentration of credit risk.

Short-term and long-term investments are held with high quality institutions and, by policy, the amount of credit exposure to any one institution is limited. Long-term investments are comprised of investments which collateralize capital lease obligations (see Note 13 on Page A-13) and investments of Caterpillar Insurance Co. Ltd. supporting insurance reserve requirements. Long-term investments are a component of "Other assets" in Statement 3.

At December 31, 1999, 1998, and 1997, Cat Financial was contingently liable under guarantees totaling \$390, \$254, and \$261, respectively, of which \$133, \$119, and \$109, respectively, were outstanding. These guarantees have terms ranging up to two years and are fully secured. No loss has been experienced nor is any anticipated under these agreements.

Outstanding derivative instruments, with notional amounts totaling \$7,795, \$5,143, and \$4,079 and terms generally ranging up to five years, were held at December 31, 1999, 1998, and 1997, respectively. Collateral is not required of the counterparties or of our company. We do not anticipate nonperformance by any of the counterparties. Our exposure to credit loss in the event of nonperformance by the counterparties is limited to only those gains that we have recorded, but have not yet received cash payment. At December 31, 1999, 1998, and 1997, the exposure to credit loss was \$75, \$22, and \$49, respectively.

Please refer to Note 16 and Table IV on Page A-15 for fair value information.

18. Environmental matters

The company is regulated by federal, state, and international environmental laws governing our use of substances and control of emissions. Compliance with these existing laws has not had a material impact on our capital expenditures, earnings, or competitive position.

We are cleaning up hazardous waste at a number of locations, often with other companies, pursuant to federal and state laws. When it is likely we will pay clean-up costs at a site and those costs can be estimated, the costs are charged against our earnings. In doing that estimate, we do not consider amounts expected to be recovered from insurance companies and others.

The amount set aside for environmental clean-up is not material and is included in "Accrued expenses" in Statement 3. If a range of liability estimates is available on a particular site, we accrue the lower end of that range.

We cannot estimate costs on sites in the very early stages of clean-up. Currently, we have five of these sites and there is no more than a remote chance that a material amount for clean-up will be required.

19. Plant closing costs

The reserve for plant closing costs includes the following:

	December 31,					
	19	<u>999</u>	19	998	1	997
Write-down of property, plant, and equipment Employee severance benefits	\$	70 16	\$	78 37	\$	103 95
Rearrangement, start-up costs, and other		3		5	_	47
Total reserve	\$	89	\$	120	\$	245

December 01

The write-down of property, plant, and equipment establishes a new cost basis for assets that have been permanently impaired.

Employee severance benefits (e.g., pension, medical, and supplemental unemployment benefits) are provided to employees affected by plant closings. The reserve for such benefits is reduced as the benefits are provided.

20. Segment information

A. Basis for segment information

The company is organized based on a decentralized structure that has established accountabilities to continually improve business focus and increase our ability to react quickly to changes in both the global business cycle and competitors' actions. Our current structure uses a product, geographic matrix organization comprised of multiple profit and service center divisions.

Caterpillar is a highly integrated company. The majority of our profit centers are product focused. They are primarily responsible for the design, manufacture, and on-going support of their products; however, some of these product-focused profit centers also have marketing responsibilities. We also have geographically-based profit centers that are primarily focused on marketing; however, most of these profit centers also have some manufacturing responsibilities. One of our profit centers provides various financial services to our customers and dealers. The service center divisions perform corporate functions and provide centralized services.

We have developed an internal measurement system to evaluate performance and to drive continuous improvement. This measurement system, which is not based on generally accepted accounting principles (GAAP), is intended to motivate desired behavior of employees and drive performance. It is not intended to measure a division's contribution to enterprise results. The sales and cost information used for internal purposes varies significantly from our consolidated, externally-reported information resulting in substantial reconciling items. Each division has specific performance targets and is evaluated and compensated based on achieving those targets. Performance targets differ from division to division; therefore, meaningful comparisons cannot be made among the profit or service center divisions. It is the comparison of actual results to budgeted results that makes our internal reporting valuable to management. Consequently, we feel that the financial information required by Statement of Financial Accounting Standards No. 131 (SFAS 131) "Disclosures about Segments of an Enterprise and Related Information" has limited value for our external readers.

Due to Caterpillar's high level of integration and our concern that segment disclosures based on SFAS 131 requirements have limited value to external readers, we are continuing to disclose GAAP-based financial results for our three lines of business (Machinery, Engines, and Financial Products) in our Management's Discussion and Analysis beginning on Page A-21.

B. Description of segments

The profit center divisions meet the SFAS 131 definition of "operating segments"; however, the service center divisions do not. Several of the profit centers have similar characteristics and have been aggregated. The following is a brief description of our seven reportable segments and the business activities included in the "All other" category.

Asia/Pacific Marketing: Primarily responsible for marketing products through dealers in Australia, Asia (excluding Japan), and the Pacific Rim. Also includes the regional manufacturing of some products which are also produced by *Construction & Mining Products*.

Construction & Mining Products: Primarily responsible for the design, manufacture, and on-going support of small, medium, and large machinery used in a variety of construction and mining applications. Also includes the design, manufacture, procurement, and marketing of components and control systems that are primarily consumed in the manufacturing of our machinery.

EAME Marketing: Primarily responsible for marketing products through dealers in Europe, Africa, the Middle East, and the Commonwealth of Independent States. Also includes the regional manufacturing of some products which are also produced by *Construction & Mining Products* and *Power Products*.

Financing & Insurance Services: Provides financing to customers and dealers for the purchase and lease of Caterpillar and noncompetitive related equipment, as well as some financing for Caterpillar sales to dealers. Also provides various forms of insurance to customers and dealers to help support the purchase and lease of our equipment.

Latin America Marketing: Primarily responsible for marketing products through dealers in Latin America. Also includes the regional manufacturing of some products which are also produced by *Construction & Mining Products* and *Power Products*.

Power Products: Primarily responsible for the design, manufacture, marketing, and ongoing support of reciprocating and turbine engines along with related systems. These engines and related systems are used in products manufactured in other segments, on-highway trucks, and locomotives; and in a variety of construction, electric power generation, marine, petroleum, and industrial applications.

North America Marketing: Primarily responsible for marketing products (excluding *Power Products*) through dealers in the United States and Canada.

All other: Primarily includes activities such as: service support and parts distribution to Caterpillar dealers worldwide; the design, manufacture, and ongoing support of agricultural machinery and paving products; logistics services for other companies; service tools for Caterpillar dealers; preventive maintenance products (filters and fluids); and the remanufacturing of Caterpillar engines and components.

C. Segment measurement and reconciliations

Please refer to Table V on Pages A-18 and A-19 for financial information regarding our segments. There are several accounting differences between our segment reporting and our GAAP-based external reporting. Our segments are measured on an accountable basis; therefore, only those items for which divisional management is directly responsible are included in the determination of segment profit/(loss) and assets. The following is a list of the more significant accounting differences:

- Generally, liabilities are managed at the corporate level and are not included in segment operations. Segment accountable assets generally include inventories, receivables, property, plant, and equipment.
- We account for intersegment transfers using a system of market-based prices. With minor exceptions, each of the profit centers either sells or purchases virtually all of its products to or from other profit centers within the company. Our high level of integration results in our internally-reported sales being approximately double that of our consolidated, externally-reported sales.
- Segment inventories and cost of sales are valued using a current cost methodology.
- Timing differences occur between our internal reporting and our external reporting such as: postretirement benefit expenses and profit that is recognized on intersegment transfers.
- Interest expense is imputed (i.e., charged) to profit centers based on their level of accountable assets. This calculation takes into consideration the corporate debt to debt plus equity ratio and a weighted-average corporate interest rate.
- In general, foreign currency fluctuations are neutralized for segment reporting.
- Accountable profit is determined on a pre-tax basis.

Reconciling items are created based on accounting differences between segment reporting and our consolidated, external reporting. Please refer to Table V on Pages A-18 and A-19 for financial information regarding significant reconciling items. Most of our reconciling items are self-explanatory given the above explanations of accounting differences. However, for the reconciliation of profit, we have grouped the reconciling items as follows:

- Corporate costs: Certain corporate costs are not charged to our segments. These costs are related to corporate requirements and strategies that are considered to be for the benefit of the entire organization.
- Methodology differences: See previous discussion of significant accounting differences between segment reporting and consolidated, external reporting.
- Methodology changes in segment reporting: Estimated restatements of prior periods to reflect changes in our internal-reporting methodology.

	TABLE V — Segment Information (unaudited)										
Business Segments:	Asia/ Pacific Marketing	Construction & Mining Products	EAME Marketing	Financing & Insurance Services	Latin America Marketing	Power Products	North America Marketing	All Other	Total		
External sales and revenues Intersegment sales and revenues Total sales and revenues Depreciation and amortization Imputed interest expense Accountable profit (loss) Accountable assets at Dec. 31 Capital Expenditures	\$1,332 \$4 \$1,336 \$7 \$15 \$47 \$361 \$23	206 7,169 7,375 223 72 576 2,389 237	3,095 701 3,796 60 25 150 856 76	1,413 10 1,423 194 569 207 12,776 431	1,229 104 1,333 28 6 72 582 20	5,653 4,514 10,167 327 108 354 3,926 316	5,941 179 6,120 39 31 852 2	1,003 1,710 2,713 60 60 187 2,077 60	\$19,872 \$14,391 \$34,263 \$ 899 ⁽¹⁾ \$ 894 \$ 1,624 \$23,819 \$ 1,165 ⁽¹⁾		
1998 External sales and revenues Intersegment sales and revenues Total sales and revenues Depreciation and amortization Imputed interest expense Accountable profit (loss) Accountable assets at Dec. 31 Capital Expenditures	\$ 1,093 \$ 2 \$ 1,095 \$ 6 \$ 8 \$ (49) \$ 289 \$ 26	197 8,678 8,875 224 72 1,090 2,349 292	3,289 937 4,226 64 25 211 862 72	1,296 11 1,307 165 505 199 11,451	1,627 145 1,772 28 21 73 717 19	5,300 4,122 9,422 258 118 410 3,479 349	7,233 198 7,431 64 120 1,475	1,001 1,830 2,831 54 57 203 2,054 88	\$ 21,036 \$ 15,923 \$ 36,959 \$ 799 ⁽¹⁾ \$ 870 \$ 2,257 \$ 22,676 \$ 846 ⁽¹⁾		
1997 External sales and revenues Intersegment sales and revenues Total sales and revenues Depreciation and amortization Imputed interest expense Accountable profit Accountable assets at Dec. 31 Capital Expenditures	\$ 1,947 \$ 1 \$ 1,948 \$ 5 \$ 13 \$ 12 \$ 402 \$ 23	294 8,763 9,057 228 70 1,299 2,238 243	3,022 857 3,879 67 24 121 937 67	949 949 136 381 160 7,628 7	1,598 147 1,745 28 19 80 803 18	3,693 3,645 7,338 165 68 442 2,460 287	6,497 206 6,703 57 201 1,314	987 1,719 2,706 48 58 207 1,964 106	\$ 18,987 \$ 15,338 \$ 34,325 \$ 677 ⁽¹⁾ \$ 690 \$ 2,522 \$ 17,746 \$ 751 ⁽¹⁾		

⁽¹⁾ Amount differs from our consolidated, external reporting amount primarily because of service centers, which are not included in business segments.

Reconciliations:

Reconciliations:						December 31,	
	1999	1998	1997		1999	1998	1997
Sales & Revenues				Assets			
Total external sales and revenues from business segments Methodology differences	\$19,872 (170)	\$21,036 (59)	\$18,987 (62)	Total accountable assets from business segments Items not included in segment assets:	\$23,819	\$22,676	\$17,746
Total consolidated sales and revenues	\$19,702	\$20,977	\$18,925	Deferred income taxes & prepaids	2,107	2,036	1,968
	<u> </u>	<u>\</u>	<u>\</u>	Intangible assets & other assets	1,748	1,663	847
Profit before taxes				Investments in affiliated companies	452	534	539
Total accountable profit from				Cash and short-term investments	548	360	292
business segments	\$ 1.624	\$ 2,257	\$ 2,522	Service center assets	442	429	352
Corporate costs		(316)	(317)	Liabilities included in segment assets	558	596	643
Methodology differences	(43)	168	14	Inventory methodology differences	(1,679)	(1,769)	(1,700)
Methodology changes in	(10)			Intercompany trade receivables	(, ,	(, ,	
segment reporting	_		119	double counted in segment assets	(958)	(1,217)	
Other	58	65	75	Other	(402)	(180)	69
Total consolidated profit before taxes		\$ 2,174	\$ 2,413	Total consolidated assets	\$26,635	\$25,128	\$20,756
					Сс	ontinued on	Page A-19

TABLE V Continued — Segment Information (unaudited)

Enterprise-Wide Disclosures:

External sales and revenues from products and services:

	1999	1998	1997
Machinery	\$11,705	\$13,448	\$13,350
Engines	6,854	6,524	4,760
Financial Products	1,143	1,005	815
Total consolidated	<u>\$19,702</u>	\$20,977	\$18,925

Information about Geographic Areas:

	S	ales & Revenue	S ⁽¹⁾	Net property, plant, and equipment			
					December 31,		
	1999	1998	1997	1999	1998	1997	
Inside United States	\$ 10,171	\$ 10,870	\$ 9,492	\$ 3,223	\$ 3,038	\$ 2,830	
Outside United States	9,531	10,107	9,433	1,978 ⁽²⁾	1,828(2)	1,228(2)	
Total	\$ 19,702	\$ 20,977	\$ 18,925	\$ 5,201	\$ 4,866	\$ 4,058	

⁽¹⁾Sales of machinery and engines are based on dealer location. Revenues from services provided are based on where service is rendered. ⁽²⁾Amount includes \$614, \$531, and \$189 of net property, plant, and equipment located in the United Kingdom as of December 31, 1999, 1998, and 1997, respectively.

21. Selected quarterly financial results (unaudited)

		1999 (Jua	1999 Quarter								
	1st	2nd		3rd		4th						
Sales and revenues	\$ 4,867 269	\$ 5,101 280	\$	4,715 293	\$	5,019 301						
Sales Cost of goods sold	4,598 3,578	4,821 3,743		4,422 3,470		4,718 3,690						
Gross margin Profit	1,020 205	1,078 283		952 219		1,028 239						
Profit per share of common stock Profit per share of common stock	\$.58	\$.80	\$.62	\$.67						
— assuming dilution	\$.57	\$.78	\$.61	\$.67						
		1998 (Jua	arter								
	 1st	 1998 (2nd	Jua	arter 3rd		4th						
Sales and revenues Less: Revenues	\$ 1st 4,794 221	\$ 2nd	<u>גער</u> \$		\$	4th 5,406 270						
	\$ 4,794	\$ 2nd 5,604		3rd 5,173	\$	5,406						
Less: Revenues Sales	\$ 4,794 221 4,573	\$ 2nd 5,604 247 5,357		3rd 5,173 267 4,906	\$	5,406 270 5,136						
Less: Revenues Sales Cost of goods sold Gross margin	\$ 4,794 221 4,573 3,334 1,239	\$ 2nd 5,604 247 5,357 3,978 1,379		3rd 5,173 267 4,906 3,748 1,158	\$	5,406 270 5,136 3,971 1,165						

22. Acquisitions

During the second quarter of 1999 we acquired the remaining 51% interest in F.G. Wilson. F.G. Wilson is a leading packager of diesel-powered generator sets. During the first quarter of 1998 we acquired the net assets of Perkins Ltd. and the stock of several related subsidiaries for \$1,328. Perkins is a leading manufacturer of small- to medium-sized diesel engines. Both acquisitions were accounted for using the purchase method of accounting.

Five-year Financial Summary (Dollars in millions except per share data)

Years ended December 31,	1999	1998	1997	1996	1995
Sales and revenues	\$19,702	20,977	18,925	16,522	16,072
Sales	\$18,559	19,972	18,110	15,814	15,451
Percent inside the United States	50%	51%	49%	49%	48%
Percent outside the United States	50%	49%	51%	51%	52%
Revenues	\$ 1,143	1,005	815	708	621
Profit	\$ 946	1,513	1,665	1,361	1,136
Profit per share of common stock ⁽¹⁾	\$ 2.66	4.17	4.44	3.54	2.86
Profit per share of common stock — assuming dilution ⁽¹⁾	\$ 2.63	4.11	4.37	3.50	2.84
Dividends declared per share of common stock	\$ 1.275	1.15	.95	.775	.65
Return on average common stock equity	17.9%	30.9%	37.9%	36.3%	36.1%
Capital expenditures:					
Property, plant, and equipment	\$ 790	925	824	506	464
Equipment leased to others	\$ 490	344	282	265	215
Depreciation and amortization	\$ 945	865	738	696	682
Research and engineering expenses	\$814	838	700	570	532
As a percent of sales and revenues	4.1%	4.0%	3.7%	3.4%	3.3%
Wages, salaries, and employee benefits	\$ 4,044	4,146	3,773	3,437	2,919
Average number of employees	66,225	64,441	58,366	54,968	54,263
December 31,					
Total assets:					
Consolidated	\$26,635	25,128	20,756	18,728	16,830
Machinery and Engines ⁽²⁾	\$16,082	15,619	14,188	13,066	12,375
Financial Products	\$12,951	11,648	7,806	6,681	5,712
Long-term debt due after one year:					
Consolidated	\$ 9,928	9,404	6,942	5,087	3,964
Machinery and Engines ⁽²⁾	\$ 3,099	2,993	2,367	2,018	2,049
Financial Products	\$ 6,829	6,411	4,575	3,069	1,915
Total debt:					
Consolidated	\$13,802	12,452	8,568	7,459	6,400
Machinery and Engines ⁽²⁾	\$ 3,317	3,102	2,474	2,176	2,219
Financial Products	\$10,796	9,562	6,338	5,433	4,657
Percent of total debt to total debt and stockholders' equity (Machinery and Engines)	37.8%	37.7%	34.6%	34.6%	39.6%

⁽¹⁾ Computed on weighted-average number of shares outstanding. ⁽²⁾ Represents Caterpillar Inc. and its subsidiaries except for Financial Products, which is accounted for on the equity basis.

Transactions between Machinery and Engines and Financial Products have been eliminated to arrive at the consolidated data.

MANAGEMENT'S DISCUSSION AND ANALYSIS

It is our objective to provide the most meaningful disclosures in our Management's Discussion and Analysis in order to explain significant changes in our company's results of operations and liquidity and capital resources. As discussed in Note 20A, "Basis for segment information" on Page A-16, our segment financial information is not based on generally accepted accounting principles and it is not intended to measure contributions to enterprise results. Therefore, it is impractical for us to try to discuss our company's results of operations and liquidity and capital resources solely based on segment information. Where practical, we have linked our discussions to segment information provided in Table V on Pages A-18 and A-19 (see Reconciliation of Machinery and Engine Sales by Geographic Region to External Sales by Marketing Segment on Page A-22). Our discussions will focus on consolidated results and our three principal lines of business as described below:

Consolidated — represents the consolidated data of Caterpillar Inc. and all its subsidiaries (affiliated companies that are more than 50% owned).

Machinery — design, manufacture, and marketing of construction, mining, agricultural, and forestry machinery — track and wheel tractors, track and wheel loaders, pipelayers, motor graders, wheel tractor-scrapers, track and wheel excavators, backhoe loaders, mining shovels, log skidders, log loaders, offhighway trucks, articulated trucks, paving products, telescopic handlers, skid-steer loaders, and related parts.

Engines — design, manufacture, and marketing of engines for Caterpillar *Machinery*, on-highway trucks and locomotives; marine, petroleum, construction, industrial, agricultural, and other applications; electric power generation systems; and related parts. Reciprocating engines meet power needs ranging from 5 to over 21,000 horsepower (4 to over 15 660 kilowatts). Turbines range from 1,340 to 18,000 horsepower (1000 to 13 500 kilowatts).

Financial Products — financing to customers and dealers for the purchase and lease of Caterpillar and noncompetitive related equipment, as well as some financing for Caterpillar sales to dealers. Also provides various forms of insurance to customers and dealers to help support the purchase and lease of our equipment. This line of business consists primarily of Caterpillar Financial Services Corporation (Cat Financial) and its subsidiaries and Caterpillar Insurance Services Corporation.

Machinerv	and	Engines	Sales	Table b	v Geogra	aphic Regior	า
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Machinery and Engines Sales Table by Geographic Region											
(Millions of dollars)	Total	North America	EAME*	Latin America	Asia/Pacific						
1999											
Machinery	\$11,705	\$ 6,725	\$ 2,955	\$ 851	\$ 1,174						
Engines**	6,854	3,690	1,899	621	644						
	\$18,559	\$10,415	\$ 4,854	\$ 1,472	\$ 1,818						
1998											
Machinery	\$13,448	\$ 8,352	\$ 2,871	\$ 1,252	\$ 973						
Engines**	6,524	3,097	2,134	666	627						
	\$19,972	\$11,449	\$ 5,005	\$ 1,918	\$ 1,600						
1997											
Machinery	\$13,350	\$ 7,606	\$ 2,714	\$ 1,252	\$ 1,778						
Engines**	4,760	2,526	1,088	450	696						
	\$18,110	\$10,132	\$ 3,802	\$ 1,702	\$ 2,474						

*Europe, Africa & Middle East, and Commonwealth of Independent States.

**Does not include internal engine transfers of \$1,234 million, \$1,268 million, and \$1,162 million in 1999, 1998, and 1997, respectively. Internal engine transfers are valued at prices comparable to those for unrelated parties.

(Millions of dollars)	1999	1998	1997
North America Geographic Region	\$10,415	\$11,449	\$10,132
Engine sales included in the Power Products segment	(3,690)	(3,097)	(2,526)
Company owned dealer sales included in the All Other segment	(389)	(389)	(411)
North America Geographic Region sales which are included			
in the All Other segment	(133)	(135)	(132)
Other*	(262)	(595)	(566)
North America Marketing external sales	\$ 5,941	\$ 7,233	\$ 6,497
	* * • • * •	ф т оо т	* • • • • • •
EAME	\$ 4,854	\$ 5,005	\$ 3,802
Power Products sales not included in the EAME Marketing segment	(1,352)	(1,448)	(587)
Other*	<u>(407</u>)	(268)	(193)
EAME Marketing external sales	\$ 3,095	\$ 3,289	\$ 3,022
Latin America Geographic Region	\$ 1,472	\$ 1.918	\$ 1,702
Power Products sales not included in the Latin America Marketing segment	(328)	(385)	(237)
Other	85	94	133
Latin America Marketing external sales	\$ 1,229	\$ 1,627	\$ 1,598
Laun Anterica Warkening external sales	φ 1,227	<u> </u>	
Asia/Pacific Geographic Region	\$ 1,818	\$ 1,600	\$ 2,474
Power Products sales not included in the Asia/Pacific Marketing segment	(283)	(370)	(343)
Other	(203)	(137)	(184)
Asia/Pacific Marketing external sales	\$ 1,332	\$ 1,093	\$ 1,947
*Mostly represents external sales of the Construction & Mining Products and the All Other segments.			

Reconciliation of Machinery and Engine Sales by Geographic Region to External Sales by Marketing Segment

1999 COMPARED WITH 1998

Sales and revenues for 1999 were \$19.70 billion, \$1.28 billion lower than 1998. The decrease was primarily due to a 6 percent decrease in physical sales volume, partially offset by a 14 percent increase in Financial Products revenues. Profit of \$946 million was \$567 million less than 1998. The decrease was due primarily to lower sales volume, an unfavorable change in product sales mix and slightly lower price realization (primarily geographic mix and the impact of the stronger U.S. dollar on sales denominated in currencies other than U.S. dollars). Lower selling, general and administrative (SG&A) and research and development (R&D) costs partially offset these unfavorable items. Profit per share of \$2.63 was down \$1.48 from 1998.

MACHINERY AND ENGINES

Machinery sales were \$11.71 billion, a decrease of \$1.74 billion or 13 percent from 1998. The lower sales resulted primarily from an 11 percent decrease in physical sales volume. Price realization also declined primarily due to unfavorable geographic mix and the continued effect of the stronger U.S. dollar on sales denominated in currencies other than U.S. dollars.

Sales were lower in North America and Latin America, which more than offset higher sales in Asia/Pacific and EAME. Sales in North America were lower reflecting reductions in dealer inventory, especially in the last half of the year, and declines in industry demand. Sales were down in both the United States and Canada. In EAME, sales were higher in Europe due to improved industry demand. This was partially offset by significantly lower sales in Africa & Middle East, where industry demand declined due to weak commodity prices. Sales in Asia/Pacific improved because of higher sales to developing Asia as dealers began rebuilding inventories in response to improved retail demand. This improvement in developing Asia more than offset lower sales in Australia. Latin American sales fell sharply in 1999 due to recessions in a number of countries and low commodity prices.

Engine sales were \$6.85 billion, an increase of \$330 million or 5 percent from 1998. This increase was primarily due to 4 percent higher physical sales volume resulting from improved end user and Original Equipment Manufacturer (OEM) demand. Price realization also improved slightly in 1999.

Sales increased in North America and Asia/Pacific, which more than offset declines in EAME and Latin America. Sales in

the power generation segment were up in every region of the world, while sales in the petroleum segment declined in every region. Sales in North America also benefited from extremely strong sales in the truck segment.

Operating Profit Table

(Millions of dollars)	1999	1998	1997
Machinery Engine	\$ 867 506	\$1,584 504	\$1,808 468
	\$1,373	\$2,088	\$2,276

Caterpillar operations are highly integrated; therefore, we use a number of allocations to determine lines of business operating profit.

Machinery operating profit decreased \$717 million, or 45 percent from 1998. Margin (sales less cost of goods sold) declined primarily due to the lower sales volume, an unfavorable change in product sales mix, the impact of lower production volumes on manufacturing efficiencies and lower price realization. SG&A and R&D expenses were lower reflecting the impact of ongoing cost reduction actions.

Total pension and other postretirement benefit costs were about the same in 1999 as in 1998. However, SG&A and R&D expenses were favorably impacted by approximately \$60 million due to favorable returns on plan assets, and cost of sales was unfavorably impacted by a like amount due to plan amendments.

Engine operating profit increased \$2 million from 1998 due to the higher sales volume and slightly better price realization, partially offset by an unfavorable sales mix. Sales into the petroleum segment declined 35 percent, while sales into the lower margin truck engine market increased 40 percent. SG&A and R&D expenses were slightly higher.

Interest expense was \$5 million higher than a year ago.

Other income/expense reflects a net increase in income of \$20 million primarily related to currency exchange.

Table of Supplemental Inform	nati	on				
(Millions of dollars)		1999		1998	1	997
Identifiable Assets						
Machinery	\$	9,112	\$	9,199	\$	9,463
Engines		6,970		6,420		4,725
Total	\$	16,082	\$ 1	15,619	\$	14,188
Capital Expenditures						
Machinery	\$	415	\$	511	\$	481
Engines		375		416		343
Total	\$	790	\$	927	\$	824
Depreciation and						
Amoritization						
Machinery	\$	386	\$	414	\$	392
Engines		359		283		207
Total	\$	745	\$	697	\$	599
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Caterpillar operations are highly integrated; therefore, we use a number of allocations to determine lines of business financial data.

FINANCIAL PRODUCTS

Revenues for 1999 were a record \$1.28 billion, up \$160 million or 14 percent compared with 1998. The increase resulted primarily from continued growth in Cat Financial's portfolio.

Before tax profit decreased \$53 million or 17 percent from 1998. Profit at Caterpillar Insurance Co. Ltd. (Cat Insurance) was lower due to less favorable reserve adjustments. This was partially offset by record profits at Cat Financial as a result of portfolio growth.

INCOME TAXES

1999 tax expense reflects an effective tax rate of 32 percent. The 1998 effective tax rate was 31 percent and included a favorable adjustment to recognize deferred tax assets at certain European subsidiaries.

UNCONSOLIDATED AFFILIATED COMPANIES

The company's share of unconsolidated affiliated companies' results declined \$24 million from a year ago, primarily due to weaker results at Shin Caterpillar Mitsubishi Ltd. and the conversion of F.G. Wilson from an affiliated company to a consolidated subsidiary effective June 1999.

SUPPLEMENTAL INFORMATION

Dealer Machine Sales to End Users and Deliveries to Dealer Rental Operations

Sales (including both sales to end users and deliveries to rental operations) in North America were down in 1999 due to weaker industry demand in both the United States and Canada. Sales fell in all eight key market segments. Sales in mining, forestry and agriculture were depressed by low commodity prices. Sales of paving related equipment were up considerably, but total machine sales in the heavy construction segment (primarily highways and pipelines) were lower because of delays in getting major highway capital projects underway. Sales also were lower in the other segments including general construction (residential, commercial and public), quarry & aggregates, waste and industrial.

Sales in the EAME region remained near 1998 levels as higher sales in Europe were offset by lower sales to Africa & Middle East and the Commonwealth of Independent States (CIS). Stronger industry demand in Europe resulted in higher sales to most European countries, with significant increases in the United Kingdom, Germany, France and Italy. In Africa & Middle East, low commodity prices reduced industry demand and sales in 1999. Sales to users were lower in most countries with significant sales declines in Turkey, Saudi Arabia and South Africa. In the CIS, sales were sharply lower due to the continued weakness in Russia. For the EAME region as a whole, sales were higher in heavy construction, general construction and quarry & aggregates, which offset lower sales in mining, agriculture and industrial segments.

Sales in Asia/Pacific were down slightly in 1999 as higher sales in developing Asia and Japan were offset by declines in Australia. For the region, sales increased in the forestry and quarry & aggregates segments, and declined in mining, heavy construction and industrial segments. Sales in Latin America were significantly lower in 1999 due to recessions in a number of countries and low commodity prices. Sales were down in most major countries with sharp declines in Brazil, Argentina and Chile. For the region, sales were down in all segments, particularly heavy construction, general construction and industrial.

Dealer Inventories of New Machines

Worldwide dealer new machine inventories at year end were down compared to year-end 1998 and at normal levels relative to current selling rates. Higher inventories in Asia/Pacific were more than offset by declines in North America, Latin America and EAME.

At year end, North American dealer inventories were normal compared to current selling rates. EAME dealer inventories were slightly below normal and Asia/Pacific dealer inventories were moderately below normal when compared to current selling rates. Dealer inventories in Latin America ended the year significantly above levels needed to support current selling rates.

Engine Sales to End Users and OEMs

Sales in North America were up primarily due to very strong demand for on-highway truck engines and higher share of industry sales, which strengthened Caterpillar's position as the industry leader for combined medium and heavy-duty truck engine sales. Sales were also significantly higher in the power generation segment. These offset significantly lower sales in the petroleum segment and lower sales in the marine segment. Sales in the industrial segment were flat with 1998. Sales were up in Canada as well as the United States.

Sales in EAME were lower as weaker sales in petroleum and industrial segments more than offset higher sales in power generation and marine segments.

Sales in Latin America were down primarily due to weaker petroleum and truck segment sales, which more than offset gains in power generation sales.

Sales in Asia/Pacific were down as sales gains in marine and power generation segments were more than offset by declines in the petroleum segment.

Machinery and Engines Sales Table

Machinery and Engines Sales Table					
(Millions of dollars)	Total	North America	EAME	Latin America	Asia/Pacific
Fourth-Quarter 1999	\$ 2,537	\$ 1,260	\$ 734	\$ 241	\$ 302
Machinery	2,181	1,076	676	235	194
Engines***	\$ 4,718	\$ 2,336	\$ 1,410	\$ 476	\$ 496
Fourth-Quarter 1998	\$ 3,111	\$ 1,942	\$ 674		\$ 228
Machinery	2,025	<u>858</u>	662		243
Engines***	\$ 5,136	\$ 2,800	\$ 1,336		\$ 471

***Does not include internal engine transfers of \$323 million and \$304 million in 1999 and 1998, respectively. Internal engine transfers are valued at prices comparable to those for unrelated parties.

FOURTH-QUARTER 1999 COMPARED WITH FOURTH-QUARTER 1998

Sales and revenues for fourth-quarter 1999 were \$5.02 billion, \$387 million lower than fourth-quarter 1998. The decrease was primarily due to a 7 percent decrease in physical sales volume, partially offset by an 11 percent increase in Financial Products revenues. Profit of \$239 million was \$62 million less than fourthquarter 1998. The decrease was due primarily to lower sales volume, lower price realization (primarily geographic mix and the impact of the stronger U.S. dollar on sales denominated in currencies other than U.S. dollars) and an unfavorable change in product sales mix. Lower SG&A costs, as well as higher other income, partially offset these unfavorable items. Profit per share of 67 cents was down 16 cents from fourth-quarter 1998.

MACHINERY AND ENGINES

Machinery sales were \$2.54 billion, a decrease of \$574 million or 18 percent from fourth-quarter 1998. The lower sales resulted primarily from a 15 percent decrease in physical sales volume reflecting lower demand in North America and Latin America. Price realization was lower as price increases taken over the past year were more than offset by higher discounts.

Sales were down significantly in North America due primarily to sharp reductions in dealer inventories and lower industry demand. In EAME, sales increased as higher sales in Europe more than offset significantly lower sales to Africa & Middle East. Sales in Asia/ Pacific were higher as dealers in developing Asia rebuilt inventories and sales to end users improved, more than offsetting sales declines in Australia. In Latin America, sales were lower reflecting weak industry demand and reductions in dealer inventories.

Engine sales were \$2.18 billion, an increase of \$156 million above fourth-quarter 1998, reflecting a 5 percent increase in physical sales volume resulting from improved end user and OEM demand and slightly better price realization (primarily geographic mix).

Sales were up in North America due primarily to significantly higher sales in the power generation and truck segments. Sales in EAME were higher due primarily to growth in power generation and marine segments. Latin American sales declined primarily because of sharp declines in the petroleum segment. Asia/Pacific sales declined primarily because of declines in petroleum, power generation and marine segments.

Operating Profit Table

	Fourth-Quarter	
(Millions of dollars)	1999	1998
Machinery		
Engine	217	165
	\$ 348	\$ 400

Caterpillar operations are highly integrated; therefore, we use a number of allocations to determine lines of business operating profit.

Machinery operating profit decreased \$104 million, or 44 percent from fourth-quarter 1998. Margin (sales less cost of goods sold) declined primarily due to the lower sales volume and price realization, as well as the impact of lower production volumes on manufacturing efficiencies. SG&A expenses were lower reflecting the impact of ongoing cost reduction actions. **Engine operating profit** increased \$52 million, or 32 percent from fourth-quarter 1998 due to the higher sales volume and slightly better price realization. SG&A and R&D expenses were about the same.

Interest expense was the same as a year ago.

Other income/expense reflects a net increase in income of \$41 million due mostly to the absence of the charge related to the agreement reached with the EPA in fourth-quarter 1998, a gain on sale of fixed assets, and a favorable change in foreign exchange gains and losses.

FINANCIAL PRODUCTS

Revenues for the fourth quarter were \$333 million, up \$28 million or 9 percent compared with fourth-quarter 1998. The increase resulted primarily from continued growth in Cat Financial's portfolio.

Before tax profit decreased \$26 million or 33 percent from fourth-quarter 1998 primarily due to less favorable reserve adjustments at Caterpillar Insurance.

INCOME TAXES

Fourth-quarter 1999 tax expense reflects an effective annual tax rate of 32 percent. The fourth-quarter 1998 effective tax rate was 24 percent and included a favorable adjustment to recognize deferred tax assets at certain European subsidiaries.

UNCONSOLIDATED AFFILIATED COMPANIES

The company's share of unconsolidated affiliated companies' results declined \$6 million from a year ago, primarily due to weaker results at Shin Caterpillar Mitsubishi Ltd. and the conversion of F.G. Wilson from an affiliated company to a consolidated subsidiary effective June 1999.

1998 COMPARED WITH 1997

Sales and revenues of \$20.98 billion rose \$2.05 billion (approximately \$850 million from Perkins), 11% over 1997's record of \$18.93 billion. Profit of \$1.51 billion was \$152 million, 9% less than 1997's record of \$1.67 billion. Continued spending for growth initiatives, including the impact of Perkins, more than offset the additional profit associated with higher sales and revenues. Profit per share of \$4.11 was down 6% from the 1997 record of \$4.37, and continues to benefit from the company's share repurchase programs.

MACHINERY AND ENGINES

Machinery sales were \$13.45 billion, an increase of \$98 million from 1997. The improvement resulted from an increase in physical volume as higher sales to end users and dealer rental fleets more than offset a slowdown in dealer inventory accumulation. Price realization was lower as price increases taken over the past year were more than offset by higher discounting and the effect of the stronger dollar on sales denominated in currencies other than U.S. dollars.

Sales were higher in all regions of the world except Asia/Pacific where severe recessions resulted in lower industry demand and a large reduction in dealer inventories. Sales in North America were particularly strong reflecting good economic and industry growth as well as an increase in dealer inventory levels. Sales were up in both the United States and Canada. Sales were higher in Europe due to improved industry demand. In contrast, low commodity prices and sluggish economic growth kept sales in Africa & Middle East at 1997 levels. Latin America began the year with considerable momentum. However, a sharp economic downturn brought on by higher interest rates and government spending cuts kept sales at last year's levels.

Engine sales were \$6.52 billion, an increase of \$1.76 billion or 37%. Excluding Perkins, sales were up \$910 million or 19%. The increase was due primarily to higher physical volume resulting from improved end-user and Original Equipment Manufacturer (OEM) demand. Price realization was about the same.

Sales excluding Perkins were up in all regions except Asia/Pacific, although turbine sales in developing Asia were higher despite the severe downturn. Sales in North America were up reflecting the strong on-highway truck market as well as increased demand for other applications. Sales also were higher in Latin America with increases in petroleum, power generation, and marine applications. Sales in Europe, Africa & Middle East, and Commonwealth of Independent States (EAME) were up due primarily to higher demand for petroleum and power generation applications.

Machinery operating profit decreased \$224 million, or 12% from 1997. Margin (sales less cost of goods sold) was about the same, as the benefit from higher sales was mostly offset by higher fixed manufacturing costs and an unfavorable change in product sales mix. The unfavorable impact of the stronger dollar on sales was mostly offset by a favorable impact on costs. Selling, general, and administrative and research and development expenses were higher in support of major growth initiatives.

Engine operating profit increased \$36 million, or 8% from 1997. Margin (sales less cost of goods sold) increased due to the higher sales volume but was unfavorably impacted by higher fixed manufacturing costs (primarily due to Perkins) and an unfavorable change in product sales mix. Selling, general, and administrative and research and development expenses were higher in support of major growth initiatives, including Perkins.

Interest expense was \$45 million higher than a year ago due to higher average debt levels to support the Perkins acquisition and increased working capital needs.

Other income/expense was income of \$46 million compared with income of \$153 million last year. The decrease was mostly due to the discounts taken on the sales of trade receivables to Caterpillar Financial Services Corporation (Cat Financial). Discounts taken on this revolving sale of receivables to Cat Financial are reflected in *Machinery and Engines* as other expense. Revenues offsetting these discounts as well as the related borrowing costs are reflected in *Financial Products*.

FINANCIAL PRODUCTS

Revenues were a record \$1.12 billion, up \$278 million or 33% compared with 1997. The increase was primarily due to Cat Financial's portfolio growth, resulting from record new retail business and the purchase of trade receivables from Caterpillar Inc.

Selling, general, and administrative expenses were up \$53 million, principally the result of record new business levels which increased provision for credit losses and depreciation on leased equipment. Other increases due to growth were partially offset by favorable reserve adjustments at Caterpillar Insurance Co. Ltd. (Cat Insurance).

Interest expense was \$128 million higher because of increased borrowings to support the larger portfolio.

INCOME TAXES

1998 tax expense reflects an effective tax rate of 31% and includes a favorable adjustment to recognize deferred tax assets at certain European subsidiaries. The 1997 effective tax rate was 33%.

UNCONSOLIDATED AFFILIATED COMPANIES

The company's share of unconsolidated affiliated companies' profit was \$4 million, down \$44 million from a year ago. The major factor for the decrease was less favorable results at Shin Caterpillar Mitsubishi Ltd.

LIQUIDITY & CAPITAL RESOURCES

Consolidated operating cash flow was \$2.57 billion for 1999, compared with \$1.78 billion for the same period a year ago. The increase was largely due to a reduction in inventories and trade receivables. Total debt at year end was \$13.80 billion, an increase of \$1.35 billion from year-end 1998. Over this period, debt related to Machinery and Engines increased \$215 million, to \$3.32 billion, while debt related to Financial Products increased \$1.23 billion to \$10.80 billion.

In 1998, the board of directors authorized a share repurchase program to reduce the number of outstanding shares to 320 million within the next three to five years. In total, 5 million shares were repurchased during the year. The number of shares outstanding at December 31, 1999, was 353.8 million.

Machinery and Engines

Operating cash flow was \$2.05 billion for 1999, compared with \$2.65 billion for 1998. The decrease was primarily due to lower profit after tax and an unfavorable change in working capital. The unfavorable change in working capital reflects the positive impact of a reduction in inventory which was more than offset by lower benefits from the revolving sale of receivables to Cat Financial. Capital expenditures, excluding equipment leased to others, totaled \$770 million compared with \$918 million for 1998. As part of the company's long term plans, \$300 million of ten-year debentures were sold during the third quarter. These bonds are due September 15, 2009 and were priced to yield 7.277% semi-annually. The company intends to utilize these funds for general corporate purposes. Our debt to debt equity ratio as of December 31, 1999 was 38%.

Financial Products

Operating cash flow was \$560 million for 1999, compared with a negative \$822 million for the same period a year ago. The increase was primarily the result of lower net purchases of receivables under the revolving program from Machinery and Engines. Cash used to purchase equipment leased to others was \$469 million for 1999. Net cash used for finance receivables was \$1.53 billion for 1999 compared with \$2.20 billion for 1998. Financial Products' debt was \$10.80 billion at December 31, 1999, an increase of \$1.23 billion from December 31, 1998, and is primarily comprised of \$7.46 billion of medium term notes, \$88 million of notes payable to banks and \$2.78 billion of commercial paper. At the end of December 31, 1999, finance receivables past due over 30 days were 2.8%, compared with 1.5% at the end of the same period one year ago. The ratio of debt to equity of Cat Financial was 7.8:1 at December 31, 1999, compared with 8.0:1 at December 31, 1998.

Financial Products had outstanding credit lines totaling \$4.91 billion at December 31, 1999, which included \$2.60 billion of shared revolving credit agreements with Machinery and Engines. These credit lines are with a number of banks and are considered support for the company's outstanding commercial paper, commercial paper guarantees, the discounting of bank and trade bills and bank borrowings. Also included are variable amount lending agreements with Caterpillar. Under these agreements, Financial Products (Cat Financial) may borrow up to \$835 million from Machinery and Engines (Caterpillar Inc.).

Dividends paid per share of common stock

Quarter	1999	1998	1997
First	\$.300	\$.25	\$.20
Second	.300	.25	.20
Third	.325	.30	.25
Fourth	.325	.30	.25
	\$1.250	\$1.10	\$.90

EMPLOYMENT

At the end of 1999, Caterpillar's worldwide employment was 66,896 compared with 65,824 one year ago. Acquisitions added 2,517 during this period.

Full-Time Employees at Year End

	1999	1998	1997
Inside U.S.	38,379	40,261	39,722
Outside U.S.	28,517	25,563	20,141
Total	66,896	65,824	59,863
By Region:			
North America	38,560	40,485	39,941
EAME	20,404	18,117	12,739
Latin America	5,493	5,302	5,340
Asia/Pacific	2,439	1,920	1,843
Total	66,896	65,824	59,863

OTHER MATTERS

ENVIRONMENTAL MATTERS

The company is regulated by federal, state, and international environmental laws governing our use of substances and control of emissions. Compliance with these existing laws has not had a material impact on our capital expenditures, earnings, or competitive position.

We are cleaning up hazardous waste at a number of locations, often with other companies, pursuant to federal and state laws. When it is likely we will pay clean-up costs at a site and those costs can be estimated, the costs are charged against our earnings. In doing that estimate, we do not consider amounts expected to be recovered from insurance companies and others.

The amount set aside for environmental clean-up is not material and is included in "Accrued expenses" in Statement 3. If a range of liability estimates is available on a particular site, we accrue the lower end of that range.

We cannot estimate costs on sites in the very early stages of clean-up. Currently, we have five of these sites and there is no more than a remote chance that a material amount for clean-up will be required.

DERIVATIVE FINANCIAL INSTRUMENTS

I. Market Risk and Risk Management Policies

Our earnings and cash flow are subject to fluctuations due to changes in foreign currency exchange rates, interest rates, and commodity prices. Our risk management policy includes the use of derivative financial instruments to manage foreign currency exchange rate, interest rate, and commodity price exposures.

Foreign Currency Exchange Rate

Foreign currency exchange rate movements create a degree of risk to our operations by affecting:

- The U.S. dollar value of sales made in foreign currencies, and
- The U.S. dollar value of costs incurred in foreign currencies.

Foreign currency exchange rate movements also affect our competitive position, as exchange rate changes may affect business practices and/or pricing strategies of non-U.S. based competitors.

Our general policy is to use foreign currency derivative instruments as needed to operate our business and protect our interests. We enter into foreign currency derivative instruments only to manage risk — not as speculative instruments. We buy and sell currencies only to cover business needs and to protect our financial and competitive position. Our general approach is to manage future foreign currency cash flow for *Machinery and Engines*' operations and net foreign currency balance sheet exposures for *Financial Products*' operations.

Our *Machinery and Engines*' operations manufacture products in, and purchase raw materials from, many locations around the world. Consequently, our cost base is well diversified over a number of European, Asia/Pacific, and Latin American currencies, as well as the U.S. dollar. This diversified cost base serves to counterbalance the cash flow and earnings impact of non-U.S. dollar revenues and, therefore, minimizes the effect of exchange rate movements on consolidated earnings. We use derivative financial instruments to manage the currency exchange risk that results when the cash inflows and outflows by currency are not completely matched.

In managing foreign currency for *Machinery and Engines*' operations, our objective is to maximize consolidated after-tax U.S. dollar cash flow. To this end, our policy allows for actively managing:

- Cash flow related to firmly committed foreign currency transactions;
- Anticipated foreign currency cash flow for the future rolling twelve-month period; and
- Any hedges (derivative instruments) that are outstanding.

We limit the types of derivative instruments we use to forward exchange contracts and foreign currency option contracts (net purchased option contracts). When using forward exchange contracts, we are protected from unfavorable exchange rate movements, but have given up any potential benefit from favorable changes in exchange rates. Purchased option contracts, on the other hand, protect us from unfavorable rate movements while permitting us to benefit from the effect of favorable exchange rate fluctuations. We do not use historic rate rollovers or leveraged options, nor do we sell or write foreign currency options, except in the case of combination option contracts that limit the unfavorable effect of exchange rate movements, while allowing a limited potential benefit from favorable exchange rate movements. The forward exchange or foreign currency option contracts that we use are not exchange traded.

Each month, our financial officers approve the company's outlook for expected currency exchange rate movements, as well as the policy on desired future foreign currency cash flow positions (long, short, balanced) for those currencies in which we have significant activity. Financial officers receive a daily report on currency exchange rates, cash flow exposure, and open foreign currency hedges. Expected future cash flow positions and strategies are continuously monitored. Foreign exchange management practices, including the use of derivative financial instruments, are presented to the Audit Committee of our Board of Directors at least annually.

In managing foreign currency risk for our *Financial Products'* operations, our objective is to minimize earnings volatility resulting from the translation of net foreign currency balance sheet positions. We use forward exchange contracts to offset the risk when the currency of our receivable portfolio does not match the currency of our debt portfolio.

Interest Rate

We use various interest rate derivative instruments, including interest rate swap agreements, interest rate cap (option) agreements, and forward rate agreements to manage exposure to interest rate changes and lower the cost of borrowed funds. All interest rate derivative instruments are linked to debt instruments upon entry. We enter into such agreements only with those financial institutions with strong bond ratings which, in the opinion of management, virtually negates exposure to credit loss.

Our *Financial Products*' operations have a "match funding" objective whereby the interest rate profile (fixed rate or floating rate) of their debt portfolio must match the interest rate profile of their receivable, or asset portfolio within specified boundaries. In connection with that objective, we use interest rate derivative instruments to modify the debt structure to match the receivable portfolio. This "match funding" reduces the risk of deteriorating margins between interest-bearing assets and interest-bearing liabilities, regardless of which direction interest rates move. We also use these instruments to gain an economic and/or competitive advantage through lower cost of borrowed funds. This is accomplished by changing the characteristics of existing debt instruments or entering into new agreements in combination with the issuance of new debt.

Commodity Prices

Our *Machinery and Engines*' operations are subject to commodity price risk, as the price we must pay for raw materials changes with movements in underlying commodity prices. We use commodity swap and option agreements to reduce this risk. However, our use of these types of derivative financial instruments is not material.

II. Sensitivity

Exchange Rate Sensitivity

Based on the anticipated and firmly committed cash inflows and outflows for our *Machinery and Engines*' operations for the next 12 months and the foreign currency derivative instruments in place at year end, a hypothetical 10% weakening of the U.S. dollar relative to all other currencies would adversely affect our expected 2000 cash flows for our *Machinery and Engines*' operations by \$80 million. This is not materially different than the potential \$116 million adverse impact on expected 1999 cash flows for our *Machinery and Engines*' operations that we reported last year based on similar assumptions and calculations.

Since our policy for *Financial Products'* operations is to hedge the foreign exchange risk when the currency of our debt portfolio does not match the currency of our receivable portfolio, a 10% change in the value of the U.S. dollar relative to all other currencies would not have a material effect on our consolidated financial position, results of operations, or cash flow. Neither our policy nor the effect of a 10% change in the value of the U.S. dollar has changed from that reported at the end of last year.

The effect of the hypothetical change in exchange rates ignores the affect this movement may have on other variables including competitive risk. If it were possible to quantify this competitive impact, the results could well be different than the sensitivity effects shown above. In addition, it is unlikely that all currencies would uniformly strengthen or weaken relative to the U.S. dollar. In reality, some currencies may weaken while others may strengthen.

Interest Rate Sensitivity

For our *Machinery and Engines*' operations, we currently use interest rate swaps to lower the cost of borrowed funds by attaching fixed-to-floating interest rate swaps to fixed rate debt. A hypothetical 100 basis point adverse move (increase) in interest rates along the entire interest rate yield curve would adversely affect 2000 pretax earnings of *Machinery and Engines* by \$22 million. Last year, similar assumptions and calculations yielded a potential \$8 million adverse impact on 1999 pretax earnings.

For our *Financial Products*' operations, we use interest rate derivative instruments primarily to meet our "match funding" objectives and strategies. A hypothetical 100 basis point adverse move (increase) in interest rates along the entire interest rate yield curve would adversely affect the 2000 pretax earnings of *Financial Products* by \$18 million. This impact is not materially different from the potential \$14 million adverse 1999 pretax earnings impact of a similar interest rate movement as reported last year.

The effect of the hypothetical change in interest rates ignores the affect this movement may have on other variables including changes in actual sales volumes that could be indirectly attributed to changes in interest rates. The actions that management would take in response to such a change are also ignored. If it were possible to quantify this impact, the results could well be different than the sensitivity effects shown above.

YEAR 2000 CHALLENGE

As reported throughout 1999, Caterpillar tackled the Year 2000 computer challenge with a comprehensive effort involving all of our business units worldwide. From our Board of Directors through our Year 2000 Steering Committee, Enterprise Year 2000 Coordinator, and individual business unit Year 2000 coordinators, this challenge was made a top Caterpillar priority.

At this time, we are happy to report that it is business as usual with no significant Year 2000 computer issues reported to us by our business units, dealers, suppliers, or customers. We spent approximately \$115 million addressing the challenge, an amount below our previously reported estimates of between \$120 -\$130 million.

We recognize that we must continue to monitor the Year 2000 issue and will report any significant deviations from our current status. Absent those deviations, we anticipate this will be our final disclosure on this topic.

We would like to take this opportunity to thank the many Caterpillar employees involved in this effort and believe the results are a testament to the dedication and teamwork that characterize our people worldwide.

OUTLOOK

Summary

World economic growth in 2000 is forecast to improve as stronger growth in Europe, Africa & Middle East and Latin America more than offsets slightly slower growth in North America. Better world growth should lead to higher prices for most commodities although agricultural prices are expected to remain weak and oil prices are expected to retreat slightly from recent very high levels.

In this environment, company sales and revenues are forecast to increase in 2000 with higher sales expected in each region of the world except North America. In the United States, we expect industry demand for machines to decline, but company sales are expected to be about flat as machine shipments come back into line with retail demand. Engine sales in North America also are expected to remain near 1999 levels as higher commercial engine sales offset lower industry demand for on-highway truck engines. Elsewhere, stronger economic growth and higher commodity prices should lead to higher retail demand and higher company sales.

We estimate the growth initiatives discussed in previous public statements unfavorably impacted 1999 profit by about 20 percent. Benefits from these initiatives have been delayed due largely to slower than expected sales growth. These growth initiatives are expected to unfavorably impact profit in 2000 by approximately 10 percent. For Machinery and Engines, SG&A and R&D are expected to remain in the same range as 1999 as a percentage of sales. In addition, capital expenditures are expected to be up about \$100 million in 2000.

In summary, company sales are forecast to improve slightly in 2000 due to better worldwide growth, higher commodity prices and less dealer inventory reduction. Profit is expected to increase in line with sales.

North America

In the United States, Gross Domestic Product (GDP) growth is forecast to slow from 4 percent in 1999 to 3 to 3.5 percent in

2000 as the Federal Reserve raises interest rates. Higher rates, slower economic growth and fewer housing starts are expected to result in lower sales into the general construction sector. The heavy construction segment, however, should provide a partial offset since sales into the highway sector are forecast to increase as states accelerate contracts for highway construction. Sales into the commodity segments should begin to stabilize with the exception of agriculture where sales are forecast to decline for another year. Overall, retail industry demand for machines is expected to decline because of the drop in general construction, continued weakness in agriculture and a drop in replacement buying due to the age of the current expansion. Company machine sales, however, are expected to be about flat as shipments come back into line with retail demand.

Higher interest rates, slower growth and less replacement buying also are expected to impact the engine business resulting in lower industry demand for on-highway truck engines. Demand for other engines, though, should continue to grow. Overall, company engine sales are forecast to remain near 1999 levels.

In Canada, good economic growth should lead to higher sales for both machines and engines.

For the North American region as a whole, company sales of machines and engines are forecast to remain near last year's level.

EAME

In Western Europe, GDP growth is expected to accelerate from 2 percent in 1999 to 3 percent in 2000 leading to stronger demand for both machines and engines. Growth is also expected to improve in Africa & Middle East, which combined with higher oil prices, should lead to better demand for both machines and engines. Sales in Russia and elsewhere in the CIS, however, are likely to remain depressed. For the region as a whole, better growth and improved business confidence should lead to higher company sales.

Asia/Pacific

In developing Asia, economic recovery is forecast to continue with GDP growth remaining in the 5 to 6 percent range which should lead to better sales of both machines and engines. Good economic growth is also expected to continue in Australia resulting in sales near or slightly above 1999 levels. In Japan, demand should continue to improve from very depressed levels. For the region as a whole, company sales should be higher.

Latin America

GDP growth for the region is forecast to improve from flat in 1999 to 3 to 4 percent in 2000 as countries begin to recover from last year's recessions. While this improvement should result in higher machine and reciprocating engine sales, consolidation by large oil companies is expected to result in much lower turbine engine sales. In total, company sales for the region are forecast to be up as higher machine sales more than offset lower engine sales.

The information included in the Outlook section is forward looking and involves risks and uncertainties that could significantly affect expected results. A discussion of these risks and uncertainties is contained in Form 8-K filed with the Securities & Exchange Commission (SEC) on January 21, 2000.

MANAGEMENT'S DISCUSSION AND ANALYSIS

SUPPLEMENTAL STOCKHOLDER INFORMATION

Shareholder Services:

Stock Transfer Agent First Chicago Trust Company of New York P.O. Box 2500 Jersey City, NJ 07303-2500 phone: (800) 446-2617 (U.S. or Canada) (201) 324-0498 (Outside U.S. or Canada) (201) 222-4955 (Hearing impaired) Internet home page: www.equiserve.com

Caterpillar Assistant Secretary:

Laurie J. Huxtable Assistant Secretary Caterpillar Inc. 100 N.E. Adams Street Peoria, IL 61629-7310 *phone:* (309) 675-4619 *fax:* (309) 675-6620 *e-mail:* huxtable laurie j@CAT.com

Stock Purchase Plan:

Current shareholders and other interested investors may purchase Caterpillar Inc. common stock directly through the DirectSERVICETM Investment Program sponsored and administered by our Transfer Agent.

Current shareholders can get more information on the program from our Transfer Agent using the contact information provided above. Non-shareholders can request program materials by calling: 800-955-4749 (U.S. and Canada) or 201-324-0498 (outside the U.S. and Canada). The DirectSERVICE Investment Program may also be accessed from our Investor Relations web site or First Chicago's home page.

Investor Relations:

Institutional analysts, portfolio managers, and representatives of financial institutions seeking additional information about the Company should contact:

Director of Investor Relations

James W. Anderson Caterpillar Inc. 100 N.E. Adams Street, Peoria, IL 61629-5310 phone: (309) 675-4549 fax: (309) 675-4457 e-mail: CATir@CAT.com Internet web site: www.CAT.com/investor

Common Stock (NYSE: CAT)

Listing Information: Caterpillar common stock is listed on the New York, Pacific and Chicago stock exchanges in the United States, and on stock exchanges in Belgium, France, Germany, Great Britain, and Switzerland.

Price Ranges: Quarterly price ranges of Caterpillar common stock on the New York Stock Exchange, the principal market in which the stock is traded, were:

	1999		1998	
Quarter	High	Low	High	Low
First	52 ¹⁵ / ₁₆	42	59 ¹ / ₄	$44^{1/2}$
Second	66 ⁷ / ₁₆	46 ⁵ / ₁₆	603/4	511/16
Third	637/8	52 ⁹ /16	565/16	$39^{1}/_{16}$
Fourth	58 ⁷ /8	43 ³ / ₁₆	52 ³ /16	41 ¹ /8

Number of Stockholders: Stockholders of record at year end totaled 36,048, compared with 34,527 at the end of 1998. Approximately 69% of our issued shares are held by institutions and banks, 24% by individuals, and 7% by Caterpillar benefit plans.

Employees' investment and profit-sharing plans acquired 2,655,218 shares of Caterpillar stock in 1999. Investment plans, for which membership is voluntary, held 26,258,659 shares for employee accounts at 1999 year end. Profit-sharing plans, in which membership is automatic for most U.S. and Canadian employees in eligible categories, held 462,493 shares at 1999 year end.

Company Publications:

To request any of the following materials, call our Information Hotline — (800) CAT-7717 (U.S. & Canada) or (760) 704-4377 (outside U.S. or Canada); or visit our Investor Relations home page to download or request materials on-line:

- Annual Report/Proxy Statement (early March)
- Form 10-K (late April)
- Form 10-Q (late May, Aug., and Nov.)
- Financial Results Press Release (late Jan., April, July, and Oct.)
- General Investor Packet

To hear a summary of Caterpillar's latest financial results and current outlook or to request a copy of results by fax or mail, call our Information Hotline.

Annual Meeting:

On Wednesday, April 12, 2000, at 1:30 p.m., Central Time, the annual meeting of stockholders will be held at the Bank One Auditorium, Chicago, Illinois. Requests for proxies are being sent to stockholders with this report mailed on or about March 3, 2000.

Internet:

Visit us on the Internet at www.CAT.com.

Information contained on our website is not incorporated by reference into this document.

DIRECTORS AND OFFICERS

DIRECTORS

Lilyan H. Affinito ^{2,4} Glen A. Barton	Former Vice Chairman, Maxxam Group Inc. Chairman and Chief Executive Officer, Caterpillar Inc.
W. Frank Blount ^{1,3}	Former Director and Chief Executive Officer, Telstra Corporation Limited
John R. Brazil ^{1,3}	President, Trinity University
John T. Dillon ^{2,4}	Chairman and Chief Executive Officer, International Paper
Donald V. Fites ^{4,5}	Former Chairman and Chief Executive Officer, Caterpillar Inc.
Juan Gallardo ^{1,3}	Chairman and Chief Executive Officer, Grupo Embotelladoras Unidas S.A. de C.V.
David R. Goode ^{1,2}	Chairman, President, and Chief Executive Officer, Norfolk Southern Corporation
James P. Gorter ^{1,2}	Chairman, Baker, Fentress & Company
Peter A. Magowan ^{2,4}	Former Chairman, Safeway Inc.; President and Managing General Partner, San Francisco Giants
Gordon R. Parker ^{1,3}	Former Chairman, Newmont Mining Corporation
George A. Schaefer ^{1,3,5}	Former Chairman and Chief Executive Officer, Caterpillar Inc.
Joshua I. Smith ^{3,4}	Chairman and Chief Executive Officer, The MAXIMA Corporation
Clayton K. Yeutter ^{2,4}	Of Counsel to Hogan & Hartson, Washington, D.C.

¹Member of Audit Committee (David R. Goode, chairman) ²Member of Compensation Committee (James P. Gorter, chairman) ³Member of Nominating & Governance Committee (Joshua I. Smith, chairman) ⁴Member of Public Policy Committee (Clayton K. Yeutter, chairman)

OFFICERS

Glen A. Barton	Chairman and Chief Executive Officer
Gerald S. Flaherty	Group President
James W. Owens	Group President
Gerald L. Shaheen	Group President
Richard L. Thompson	Group President
R. Rennie Atterbury III	Vice President, General Counsel and Secretary
James W. Baldwin ⁵	Vice President
Sidney C. Banwart	Vice President
Vito H. Baumgartner	Vice President
Michael J. Baunton	Vice President
James S. Beard	Vice President
Richard A. Benson	Vice President
James E. Despain	Vice President
Michael A. Flexsenhar	Vice President
Thomas A. Gales ⁶	Vice President
Donald M. Ings	Vice President
Stuart L. Levenick ⁷	Vice President
Duane H. Livingston	Vice President
Robert R. Macier	Vice President
David A. McKie	Vice President
F. Lynn McPheeters	Vice President
Daniel M. Murphy	Vice President
Douglas R. Oberhelman	Vice President
Gerald Palmer	Vice President
Robert C. Petterson	Vice President
John E. Pfeffer	Vice President
Siegfried R. Ramseyer	Vice President
Alan J. Rassi	Vice President
Gary A. Stroup	Vice President
Sherril K. West	Vice President
Donald G. Western	Vice President
Steven H. Wunning	Vice President
Robert R. Gallagher	Controller
Kenneth J. Zika	Treasurer
Robin D. Beran	Assistant Treasurer
Tinkie E. Demmin	Assistant Secretary
Laurie J. Huxtable	Assistant Secretary

Note: All director/officer information is as of December 31, 1999, except as noted.

⁵Will retire effective April, 2000. ⁶Effective April 1, 2000. ⁷Effective January 1, 2000.

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