DBJ

DBJ Capital Spending Survey 2004

Capital Spending for FY2004 Revised Upward as Profits Increase

Sentiment Remains Positive in Manufacturing for 2005

Amid growing concerns over the course of Japan's economy, will capital spending continue to support the country's economic recovery? The latest DBJ survey reveals that private capital spending maintains its momentum led by the manufacturing sector.

According to revised plans, total capital spending by all industries for FY2004 will rise 8.3%, reflecting increased domestic and foreign demand, mainly in manufacturing, and upward revisions to corporate profits since the previous survey (June 2004). Spending in the manufacturing sector will post a double-digit increase for the second consecutive year (up 22.3%) with upward revisions in most industries, while non-manufacturing spending will increase for the first time in four years (up 1.9%).

DBJ Capital Spending Survey

This semi-annual survey has been conducted since 1956 to assess major trends in domestic capital spending of the Japanese private sector. It is known as one of the most reliable sources in this field, with its broad coverage and detailed information including capital spending plans and motives, their relations to cash flows, and R&D spending.

Survey method: Questionnaire Date of survey: November 12, 2004

Target firms: 3,638 private firms in Japan's major industries capitalized at ¥1 billion or more

Proportion of valid responses: 75.2% (2,734 firms)

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Executive Summary

- 1. According to revised plans, total capital spending by all industries for FY2004 will rise 8.3%, reflecting increased domestic and foreign demand, mainly in manufacturing, and upward revisions to corporate profits since the previous survey (June 2004). Spending in the manufacturing sector will post a double-digit increase for the second consecutive year (up 22.3%) with upward revisions in most industries, while non-manufacturing spending will increase for the first time in four years (up 1.9%).
- In the manufacturing sector, capital spending will grow by double digits (up 22.3%). Electric machinery, the driving force behind the increase, will stimulate investment in devices including high-performance semiconductors for specific uses and flat panel displays, on the back of expanded applications to mobile phones, digital home electric appliances, and automobiles. Spending in the automobile industry will also increase by double digits, led by investment in new models, and in new technologies and products related to the environment and safety, as well as for the expansion of production capacity in new and existing plants in the country. With this backdrop, substantial growth is expected in related industries such as precision machinery, non-ferrous metals, and cement, ceramics & glass. Moreover, other industries such as chemicals and iron & steel will also increase spending for the expansion of production capacity to meet rising demand both in Japan and overseas.
- 3. In the non-manufacturing sector, capital spending will manage to increase for the first time in four years (up 1.9%). Spending will decline slightly in electric power following the completion of wholesale power supply projects, as well as in telecommunications and information due to the completion of major investment projects in broadcasting. But increased spending is expected in retail as supermarkets continue to develop new outlets, and in leasing, on the back of buoyant business investment of client industries.
- 4. Looking at the respective shares of different motives for investing in the manufacturing sector, the share of "expansion of production capac-

- ity" is rising in the materials sub-sector, while the shares of "product development and upgrading" and "research and development" are rising in the processing and assembly sub-sector. Those three motives account for over 70% of the increase in capital spending in the manufacturing sector. Above all, the amount of capital spending for "research and development" is increasing in all manufacturing industries.
- 5. According to the present survey, the main feature of planned capital spending for FY2004 is that spending will record back-to-back double-digit growth, with upward revisions in almost all manufacturing industries. This strong recovery is the result of several factors:
- (1) The current chain reaction of investment triggered by electric machinery has been more extensive and profound than in other recovery phases since the 1990s.
- (2) Investment in automobiles has induced spending in related businesses.
- (3) Investment for capacity expansion in response to increased demand has also been growing in the materials sub-sector including iron & steel and chemicals, as strong exports to Asia, mainly to China, are accompanied by the recovery in domestic demand
- (4) Substantial improvement in corporate profits through higher sales has boosted corporate confidence in capital spending, particularly in the manufacturing sector.
- 6. Planned capital spending for FY2005 indicates an overall decrease of 3.8%, rising for the third straight year in manufacturing (up 3.8%) but declining in non-manufacturing (down 6.3%).

In the manufacturing sector, the positive attitude toward investment is expected to continue. Major investment projects are planned in electric machinery for semiconductors and flat panel displays. In automobiles, the development of new domestic production sites will continue, as will investment in new models. Large-scale investment projects for information-processing electronic components are planned in chemicals.

In the non-manufacturing sector, capital spending is expected to decline as electric power will remain sluggish. Decreases largely due to the completion of large-scale projects in the previous year are expected in transportation and real estate. The future course of capital spending in the years ahead will largely depend on the sustainability of the current economic recovery and the trend of corporate profits.

Capital Spending

	FY20	004 Planned (2,56	2 firms)	FY20	FY2005 Planned (1,668 firms)				
	FY2003	FY2004	Growth Rate (%)	FY2004	FY2005	Growth Rate (%)			
	Actual	Planned	2004/2003	Planned	Planned	2005/2004			
Total	18,908.2	20,486.6	8.3	9,673.3	9,303.0	-3.8			
Manufacturing	5,995.9	7,334.2	22.3	2,349.1	2,438.1	3.8			
Non-Manufacturing	12,912.3	13,152.3	1.9	7,324.3	6,864.9	-6.3			

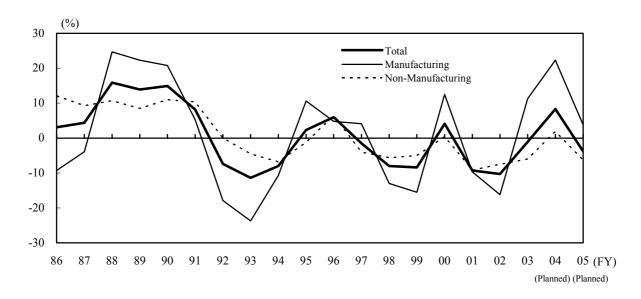
Note: Monetary amounts are in billion yen.

Revision Rate from Previous Survey

		(%)
	FY2004 Planned	FY2005 Planned
Total	1.8	2.3
Manufacturing	3.4	12.3
Non-Manufacturing	0.9	-0.1

Note: Revision Rate (%) = [present survey (Nov. 2004) \div previous survey (Jun. 2004) -1]×100.

Growth in Capital Spending



Capital Spending by Industry

			Capital Sp	ending		Growth	Rate (%)	Component Rate (%)		
		2,562	firms	1,668	firms					
		FY2003	FY2004	FY2004	FY2005	2004/2003	2005/2004	FY2004	FY2005	
		Actual	Planned	Planned	Planned			Planned	Planned	
Total		18,908.2	20,486.6	9,673.3	9,303.0	8.3	-3.8	100.0	100.0	
Manufacturing		5,995.9	7,334.2	2,349.1	2,438.1	22.3	3.8	35.8	26.2	
Food and Bevarages		324.9	386.2	90.3	105.3	18.9	16.6	1.9	1.1	
Textiles		70.5	67.0	26.1	27.1	-4.9	3.6	0.3	0.3	
Pulp and Paper		170.8	167.4	60.5	58.7	-2.0	-2.9	0.8	0.6	
Chemicals		843.4	984.7	239.7	265.9	16.7	10.9	4.8	2.9	
Petroleum		137.8	212.6	89.4	88.4	54.2	-1.1	1.0	1.0	
Cement, Ceramics and Glass		173.9	243.6	130.4	127.2	40.1	-2.4	1.2	1.4	
Iron and Steel		386.3	413.1	180.1	169.2	6.9	-6.0	2.0	1.8	
Non-Ferrous Metals		204.3	252.1	93.9	93.3	23.4	-0.7	1.2	1.0	
General Machinery		398.6	505.1	168.7	178.6	26.7	5.9	2.5	1.9	
Electric Machinery		1,548.2	1,885.3	500.7	533.1	21.8	6.5	9.2	5.7	
(Electric Devices, etc.)	(1,150.7)	(1,415.4)	(345.5)	(375.5)	(23.0)	(8.7)	(6.9)	(4.0	
Precision Machinery		128.3	222.3	30.4	27.1	73.3	-10.7	1.1	0.3	
Transportation		1,220.1	1,542.9	601.8	627.2	26.5	4.2	7.5	6.7	
(Automobiles)	(1,143.2)	(1,453.3)	(581.1)	(608.5)	(27.1)	(4.7)	(7.1)	(6.5	
Other Manufacturing		388.7	452.0	137.1	137.0	16.3	-0.1	2.2	1.5	
Non-Manufacturing		12,912.3	13,152.3	7,324.3	6,864.9	1.9	-6.3	64.2	73.8	
Construction		145.7	149.8	59.9	52.3	2.9	-12.7	0.7	0.6	
Wholesale and Retail		991.7	1,054.5	489.6	409.8	6.3	-16.3	5.1	4.4	
(Retail)	(823.7)	(882.4)	(378.0)	(350.3)	(7.1)	(-7.3)	(4.3)	(3.8	
Real Estate		764.3	770.6	469.2	357.8	0.8	-23.7	3.8	3.8	
Transportation		1,874.8	1,918.7	943.7	712.1	2.3	-24.5	9.4	7.7	
Electric Power and City Gas		2,401.4	2,303.7	2,190.3	2,077.1	-4.1	-5.2	11.2	22.3	
(Electric Power)	(2,142.2)	(2,038.0)	(1,966.3)	(1,861.2)	(-4.9)	(-5.3)	(9.9)	(20	
(City Gas)	(259.2)	(265.8)	(224.0)	(215.9)	(2.5)	(-3.6)	(1.3)	(2.3	
Telecom. and Information		2,556.7	2,554.1	300.9	293.7	-0.1	-2.4	12.5	3.2	
Leasing		3,853.8	4,084.2	2,734.9	2,872.7	6.0	5.0	19.9	30.9	
Services		282.7	270.9	125.3	79.2	-4.2	-36.8	1.3	0.9	
Other Non-Manufacturing		41.2	45.8	10.6	10.2	11.0	-3.4	0.2	0.1	

Notes: 1. Other Manufacturing includes publishing and printing, rubber, metal products and others.

Other Non-Manufacturing includes fishing, mining and others.

^{2.} Monetary amounts are in billion yen.

Long-term Trend of Capital Spending, by Timing of Survey

(%)

	Total					Manufacturing				Non-Manufacturing					
	Plans as of	Plans as of	Plans as of	Estimated	Actual as	Plans as of Plans as of Plans as of Estimated Actual as				· ·					
FY for which Data	August of Previous Yr.	February	August of Current Yr.	Actual as of February	of August of Following	August of Previous Yr.	February	August of Current Yr.	Actual as of February	of August of Following	August of Previous Yr.	February	August of Current Yr.	Actual as of February	of August of Following
Surveyed	11.	11.		of Following Yr.	Yr.	11.	11.		of Following Yr.	Yr.				of Following Yr.	Yr.
1973	2.1	14.8	25.9	20.6	18.6	-6.8	14.7	33.4	26.2	25.7	8.9	14.9	18.3	15.0	11.5
1974	0.6	18.3	23.4	15.3	12.0	-6.9	27.4	35.1	26.6	22.9	7.0	9.7	10.3	2.7	-0.3
1975	21.6	9.7	5.5	-4.9	-10.3	12.9	3.8	0.3	-10.0	-16.1	30.4	17.5	12.9	2.2	-2.3
1976	14.0	9.9	16.3	12.2	5.9	8.5	-2.1	6.4	1.9	-3.5	19.1	24.5	27.7	24.0	16.4
1977	-1.5	2.1	5.7	0.8	-3.4	-11.1	-6.9	-3.1	-8.2	-11.2	7.0	10.7	14.1	9.5	4.0
1978	10.3	7.3	15.1	15.2	10.1	-0.9	-6.9	0.0	-2.2	-4.4	17.6	19.3	27.5	28.6	21.8
1979	-2.6	0.3	13.0	12.8	9.3	-6.1	4.5	19.1	21.9	18.9	-1.0	-2.2	9.1	7.0	3.3
1980	0.7	13.1	23.5	23.9	20.6	-16.0	5.2	23.3	25.8	24.8	7.8	18.8	23.7	22.6	17.5
1981	5.8	9.9	12.3	12.0	8.8	-8.2	6.7	14.5	13.0	10.4	13.2	12.4	10.5	11.1	7.5
1982	10.0	11.2	10.2	8.4	2.8	-1.8	7.2	10.3	6.6	3.8	16.3	14.5	10.1	9.9	2.0
1983	5.5	1.8	1.8	2.7	-2.1	-6.7	-5.3	-1.5	-2.6	-8.6	13.3	7.9	4.6	7.2	3.4
1984	0.7	2.6	10.5	11.3	7.6	-10.2	2.7	17.1	20.3	17.1	7.1	2.6	5.6	4.2	0.2
1985	-2.6	5.3	10.6	9.2	7.6	-9.6	5.1	12.6	9.7	8.6	0.9	5.6	9.1	8.8	6.9
1986	0.2	1.6	5.4	3.1	3.1	-9.1	-4.1	-3.6	-7.1	-9.3	5.0	5.7	12.0	10.3	12.1
1987	-0.7	0.1	3.5	6.0	4.4	-10.6	-5.6	-2.2	-0.2	-3.9	2.1	4.0	7.0	9.7	9.3
1988	-2.6	6.7	15.7	18.8	15.9	-7.1	9.3	25.3	27.5	24.7	-1.4	5.2	10.8	13.0	10.7
1989	-0.7	6.4	17.5	17.4	13.9	-4.0	9.4	26.3	26.7	22.3	0.9	4.4	11.8	11.5	8.5
1990	-1.8	8.6	17.0	16.2	14.9	-7.9	10.1	23.6	22.8	20.8	1.4	7.6	12.5	11.9	11.0
1991	0.6	4.4	10.7	8.9	8.2	-7.1	1.7	7.9	5.2	5.3	3.7	6.1	12.8	11.5	10.4
1992	0.3	-0.8	-0.9	-4.7	-7.4	-2.8	-6.4	-10.5	-15.5	-17.9	1.4	3.2	6.0	2.7	-0.0
1993	-1.5	-5.6	-4.6	-8.4	-11.4	-11.9	-12.9	-13.1	-19.0	-23.7	2.0	-1.6	0.3	-2.3	-4.5
1994	-3.3	-5.6	-2.4	-4.7	-8.0	-14.7	-9.0	-4.0	-7.1	-10.7	-0.1	-4.0	-1.6	-3.7	-6.8
1995	-1.4	0.3	6.1	5.7	2.3	-4.3	3.8	13.5	13.9	10.6	-0.7	-1.3	3.0	2.4	-1.2
1996	-3.1	0.7	9.1	8.5	6.0	-13.6	-0.6	8.8	7.0	4.8	-1.2	1.3	9.2	9.2	6.5
1997	-7.5	-1.3	4.5	2.8	-1.5	-11.1	-1.0	8.9	7.5	4.1	-6.8	-1.5	2.5	0.7	-4.0
1998 1999	-7.5 -4.6	-4.0 -5.3	-1.8 -3.7	-3.5 -3.4	-8.0 -8.4	-11.7 -13.6	-6.7 -10.1	-4.7 -10.1	-8.5 -11.8	-13.0 -15.5	-6.8 -3.1	-2.7 -3.2	-0.3 -0.7	-1.1 0.8	-5.6 -5.0
2000	-4.6 -5.0	-5.3	7.6	7.8	-8.4 4.1	-10.9	0.3	15.2	18.0	12.5	-3.1 -4.0	0.2	-0.7 4.4	3.2	-5.0
2000	-8.6	-5.2	0.6	-6.6	-9.3	-3.5	-0.7	6.2	-7.0	-9.7	-4.0 -9.6	-7.4	-2.0	-6.3	-9.2
2001	1.4	-2.7	-0.6	-3.8	-10.3	-9.2	-8.2	-5.6	-11.4	-16.2	3.4	0.0	1.7	-0.2	-7.5
2002	-5.1	-3.0	4.9		-10.3	-3.9	1.1	16.2	-11.4	11.3	-5.3	-4.8	0.2		-6.0
2003	-6.1	-5.0	6.9	8.3	-1.1	-11.0		18.8	22.3	11.3	-5.1		1.3	1.9	-0.0
2005	-7.6	-3.8	0.9	0.5		-7.9	3.8	10.0			-7.5	-6.3	1.5		
2000	7.0	3.0				,.,	5.0	l		l	,.5	<u> </u>		l	

Note: As of June 2004, the survey months changed from August and February to June and November, respectively. Therefore, light shaded () figures represent results of the June survey (i.e., read "June" rather than "August"), and dark shaded () figures represent the November survey (i.e., read "November" rather than "February"). And the formerly named "Estimated Actual as of February of Following Yr." column should read as "Plans as of November of Current Yr."

Revisions from Previous Survey (June 2004), by Industry

		FY2004 (2,562 firms)		FY2005 (1,218 firms)				
	Capital	Spending	Revision Rate	Amount of Ca	pital Spending	Revision Rate		
	Previous Survey	Present Survey	Growth Rate (%)	Previous Survey	Present Survey	Growth Rate (%)		
Total	20,126.7	20,486.6	1.8	6,175.6	6,319.7	2.3		
Manufacturing	7,096.0	7,334.2	3.4	1,209.7	1,358.2	12.3		
Food and Bevarages	400.3	386.2	-3.5	44.6	56.5	26.7		
Textiles	64.6	67.0	3.7	10.5	13.0	23.2		
Pulp and Paper	173.6	167.4	-3.6	39.9	40.3	1.0		
Chemicals	967.0	984.7	1.8	144.7	156.9	8.5		
Petroleum	226.4	212.6	-6.1	47.8	54.1	13.2		
Cement, Ceramics and Glass	232.2	243.6	4.9	24.3	44.7	84.0		
Iron and Steel	377.2	413.1	9.5	152.9	160.9	5.2		
Non-Ferrous Metals	237.9	252.1	6.0	91.5	87.2	-4.7		
General Machinery	495.3	505.1	2.0	57.6	68.1	18.2		
Electric Machinery	1,803.1	1,885.3	4.6	340.1	370.6	9.0		
(Electric Devices, etc.)	(1,336.3	(1,415.4)	(5.9)	(229.9)	(247.7)	(7.7		
Precision Machinery	217.1	222.3	2.4	7.4	8.7	17.5		
Transportation	1,463.4	1,542.9	5.4	170.5	215.3	26.2		
(Automobiles)	(1,380.3	(1,453.3)	(5.3)	(157.4)	(196.6)	(24.9		
Other Manufacturing	438.1	452.0	3.2	77.9	82.1	5.3		
Non-Manufacturing	13,030.7	13,152.3	0.9	4,965.9	4,961.4	-0.1		
Construction	133.6	149.8	12.2	32.6	37.4	14.7		
Wholesale and Retail	1,026.5	1,054.5	2.7	282.3	259.3	-8.1		
(Retail)	(876.2	(882.4)	(0.7)	(208.6)	(210.9)	(1.1		
Real Estate	725.3	770.6	6.2	221.6	224.2	1.2		
Transportation	1,920.5	1,918.7	-0.1	609.2	629.3	3.3		
Electric Power and City Gas	2,309.8	2,303.7	-0.3	1,957.2	1,950.1	-0.4		
(Electric Power)	(2,050.1	2,038.0	(-0.6)	(1,741.6)	(1,734.4)	(-0.4		
(City Gas)	(259.7)	265.8)	(2.3)	(215.6)	(215.7)	(0		
Telecom. and Information	2,490.5	2,554.1	2.6	239.5	238.9	-0.2		
Leasing	4,087.2	4,084.2	-0.1	1,556.6	1,560.7	0.3		
Services	286.7	270.9	-5.5	56.7	51.9	-8.5		
Other Non-Manufacturing	50.5	45.8	-9.4	10.2	9.6	-5.6		

Notes: 1. Other Manufacturing includes publishing and printing, rubber, metal products and others.

Other Non-Manufacturing includes fishing, mining and others.

^{2.} Monetary amounts are in billion yen.

Long-term Trend of Revision Rate from Previous Survey

(%)

Fiscal	Timing of		P	lan for Current Y	l'ear		Plan for Next Year				
Year	Survey	Total	(Excluding Electric Power)	Manufacturing	Non- Manufacturing	(Excluding Electric Power)	Total	(Excluding Electric Power)	Manufacturing	Non- Manufacturing	(Excluding Electric Power)
1974	2/1975	-7.0	(-6.4)	-6.5	-7.7 (-6.3)	-14.2	(-13.1)	-11.6	-16.3 (-15.6)
1975	2/1976	-10.6	(-11.4)	-10.8	-10.4 (-12.9)	-10.7	(-13.8)	-18	-4.4 (-5.4)
1976	2/1977	-4.1	(-4.5)	-4.3	-3.9 (-4.9)	-1.8	(-2.2)	-3.1	-0.9 (-0.5)
1977	2/1978	-4.6	(-5.3)	-5.0	-4.2 (-6.0)	-5.4	(-8.6)	-10.4	-2.5 (-5.6)
1978	2/1979	-0.3	(-2.2)	-1.8	0.6 (-2.6)	2.3	(6.4)	6.3	0.6 (6.4)
1979	2/1980	-0.3	(1.6)	2.1	-2.0 (0.6)	12.1	(16.5)	21.4	9.1 (12.0)
1980	2/1981	0.0	(1.2)	1.7	-1.2 (0.4)	3.9	(10.9)	16.3	-1.3 (4.4)
1981	2/1982	-1.1	(-1.3)	-1.4	-0.9 (-1.2)	0.6	(4.2)	5.5	-1.6 (2.8)
1982	2/1983	-1.6	(-1.3)	-3.2	-0.2 (2.1)	-3.8	(-1.0)	-4.1	-3.6 (2.9)
1983	2/1984	0.6	(-1.8)	-1.5	2.2 (-2.2)	2.1	(5.8)	10.5	-2.1 (0.8)
1984	2/1985	0.5	(1.2)	2.8	-1.6 (-1.5)	6.2	(9.5)	13.2	3.0 (6.1)
1985	2/1986	-1.4	(-1.5)	-2.5	-0.7 (-0.5)	2.7	(2.0)	2.9	2.6 (1.3)
1986	2/1987	-2.0	(-2.8)	-3.4	-1.1 (-2.9)	0.4	(0.3)	1.2	0.2 (-0.0)
1987	2/1988	2.4	(3.3)	1.9	2.7 (4.4)	9.4	(15.0)	13.2	8.5 (15.8)
1988	2/1989	1.5	(1.8)	2.2	1.0 (1.4)	9.5	(12.3)	17.4	5.4 (8.1)
1989	2/1990	0.1	(0.1)	0.1	0.1 (0.0)	9.8	(12.9)	18.8	5.7 (8.7)
1990	2/1991	-0.6	(0.7)	-0.8	-0.4 (-0.6)	1.4	(1.4)	0.7	1.7 (1.8)
1991	2/1992	-1.9	(-2.2)	-2.8	-1.3 (-1.6)	0.6	(0.7)	1.8	0.2 (0.1)
1992	2/1993	-4.2	(-5.2)	-5.8	-3.2 (-4.7)	-5.3	(-8.0)	-6.9	-4.8 (-8.5)
1993	2/1994	-4.2	(-5.1)	-6.9	-2.8 (-4.0)	-3.5	(-5.4)	-2.8	-3.6 (-6.5)
1994	2/1995	-2.3	(-2.7)	-3.6	-1.7 (-2.1)	1.6	(3.2)	5.6	0.7 (2.1)
1995	2/1996	-0.3	(0.5)	0.3	-0.5 (0.6)	4.1	(8.6)	10.1	3.2 (8.2)
1996	2/1997	-0.5	(-0.5)	-1.5	-0.0 (0.2)	4.7	(7.9)	6.6	4.4 (8.3)
1997	2/1998	-1.7	(-1.3)	-1.3	-1.9 (-1.3)	1.1	(3.3)	-2.4	1.7 (5.0)
1998	2/1999	-2.0	(-2.2)	-4.1	-1.0 (-1.0)	0.1	(-0.3)	-7.5	1.2 (1.7)
1999	2/2000	-0.4	(0.0)	-1.8	0.2 (1.1)	6.9	(11.1)	2.8	7.5 (13.4)
2000	2/2001	0.4	(0.7)	2.6	-0.7 (-0.5)	3.8	(5.7)	7.9	2.8 (4.9)
2001	2/2002	-7.2	(-8.4)	-12.2	-4.5 (-5.8)	-3.2	(-4.5)	-8.7	-2.3 (-3.4)
2002	2/2003	-3.0	(-3.5)	-4.7	-2.2 (-2.8)	0.0	(0.1)	7.6	-1.3 (-1.9)
2003											
2004	11/2004	1.8	(2.1)	3.4	0.9 (1.2)	2.3	(3.4)	12.3	-0.1 (0.1)

Notes: 1. Until FY2002, figures represent revision rates from August of the current fiscal year to February of the current fiscal year (February of the next calendar year).

^{2.} No data are available for FY2003 as the February survey was not conducted due to change in the timing of survey.

^{3.} Figures for FY2004 represent revision rates from June of the current fiscal year to November of the current fiscal year.