

# Data comparison between pre- and post- revision of TANKAN in the December 2003 Survey

119th Short-term Economic Survey of All Enterprises in Japan

Not to be released before : 3:00 p.m.  
on Monday, March 8, 2004

March 8, 2004  
Research and Statistics Department  
Bank of Japan

## Number of Sample Enterprises

	<Pre-revision>				<Post-revision>			
	Manufacturing	Nonmanufacturing	Total	Response rate	Manufacturing	Nonmanufacturing	Total	Response rate
All Enterprises	3,561	4,643	8,204	98.3%	4,393	6,455	10,848	95.4%
Large Enterprises	738	627	1,365	99.2%	1,188	1,253	2,441	98.2%
Medium-sized Enterprises	1,036	1,576	2,612	98.4%	1,183	1,707	2,890	96.8%
Small Enterprises	1,787	2,440	4,227	97.9%	2,022	3,495	5,517	93.4%
Financial institutions	--	--	168	100.0%	--	--	211	99.5%

Memo: Average of predicted exchange rates expected by large manufacturing enterprises.  
(yen per US dollar)

	FY2003		
		1H	2H
<Pre-revision>	114.68	118.08	111.40
<Post-revision>	114.80	117.99	111.70

## 1. Business Conditions

(Diffusion index of "Favorable" minus "Unfavorable", %points)

	Large Enterprises						Medium-sized Enterprises						Small Enterprises					
	Dec. 2003 Survey						Dec. 2003 Survey						Dec. 2003 Survey					
	<Pre-revision>			<Post-revision>			<Pre-revision>			<Post-revision>			<Pre-revision>			<Post-revision>		
	Actual result	Forecast	Changes	Actual result	Forecast	Changes	Actual result	Forecast	Changes	Actual result	Forecast	Changes	Actual result	Forecast	Changes	Actual result	Forecast	Changes
Manufacturing	11	8	-3	7	6	-1	-1	-5	-4	-3	-4	-1	-13	-15	-2	-10	-11	-1
Textiles	-14	-3	11	-21	-13	8	-32	-33	-1	-20	-17	3	-43	-37	6	-47	-39	8
Lumber & Wood products	11	-11	-22	16	0	-16	-10	-20	-10	-8	-21	-13	-17	-25	-8	-21	-21	0
Pulp & Paper	29	29	0	10	16	6	-7	-7	0	-5	-7	-2	-12	-13	-1	-11	-16	-5
Chemicals	13	9	-4	5	6	1	-4	-3	1	6	6	0	-5	-7	-2	3	12	9
Petroleum & Coal products	0	-15	-15	4	9	5	20	0	-20	13	4	-9	-15	-19	-4	-10	-16	-6
Ceramics, Stone & Clay	-13	-13	0	-19	-16	3	-24	-23	1	-40	-47	-7	-49	-47	2	-42	-41	1
Iron & Steel	27	23	-4	17	16	-1	8	3	-5	14	12	-2	-1	-11	-10	1	-1	-2
Nonferrous metals	10	0	-10	8	10	2	9	18	9	17	30	13	9	9	0	9	4	-5
Food & Beverages	2	6	4	4	-1	-5	-2	-3	-1	-3	0	3	-15	-16	-1	-14	-14	0
Processed metals	14	7	-7	0	0	0	-14	-11	3	-24	-20	4	-13	-16	-3	2	-7	-9
Industrial machinery	19	19	0	6	12	6	-7	-10	-3	-1	-5	-4	0	0	0	-5	-4	1
Electrical machinery	7	8	1	6	7	1	6	-2	-8	4	-2	-6	-2	-7	-5	-1	-6	-5
Shipbuilding & Heavy machinery etc.	-60	-40	20	-7	-10	-3	25	17	-8	-8	-10	-2	-36	-36	0	-23	-17	6
Motor vehicles	35	26	-9	34	22	-12	17	14	-3	17	15	-2	22	15	-7	28	21	-7
Precision machinery	15	4	-11	21	11	-10	25	14	-11	14	9	-5	3	-5	-8	6	8	2
Basic materials	9	5	-4	2	3	1	-9	-10	-1	-4	-5	-1	-23	-23	0	-20	-18	2
Processing	11	10	-1	9	8	-1	2	-3	-5	-2	-5	-3	-8	-10	-2	-4	-7	-3
Nonmanufacturing	-9	-7	2	0	4	4	-21	-20	1	-12	-11	-1	-28	-29	-1	-25	-27	-2
Construction	-29	-25	4	-25	-25	0	-29	-31	-2	-31	-34	-3	-36	-44	-8	-32	-43	-11
Real estate	20	20	0	6	6	0	0	8	8	-8	-6	2	-4	-4	0	-9	-6	3
Wholesaling	16	13	-3	11	15	4	-16	-15	1	-10	-12	-2	-31	-32	-1	-28	-26	2
Retailing	-13	-5	8	-9	-2	7	-28	-22	6	-16	-5	11	-44	-40	4	-39	-32	7
Transportation	-9	-15	-6	0	-3	-3	-17	-24	-7	-23	-24	-1	-22	-24	-2	-17	-22	-5
Communications	22	11	-11	5	17	12	0	0	0	32	23	-9	30	15	-15	30	16	-14
Information services	-	-	-	10	19	9	-	-	-	3	12	9	-	-	-	-11	-1	10
Electric & Gas utilities	12	12	0	13	13	0	0	0	0	16	15	-1	-4	-4	0	8	-5	-13
Services	-11	-9	2	-	-	-	-20	-19	1	-	-	-	-20	-22	-2	-	-	-
Services for businesses	-	-	-	13	22	9	-	-	-	0	2	2	-	-	-	-10	-12	-2
Services for personals	-	-	-	-2	-2	0	-	-	-	-9	-5	4	-	-	-	-21	-18	3
Restaurants & Accommodations	-	-	-	-18	-8	10	-	-	-	-22	-31	-9	-	-	-	-39	-28	11
Leasing	11	0	-11	19	16	-3	-7	-15	-8	2	-4	-6	-20	-19	1	-15	-17	-2
All industries	1	1	0	4	5	1	-14	-13	1	-8	-9	-1	-22	-24	-2	-19	-20	-1

	All Enterprises					
Manufacturing	-5	-7	-2	-3	-5	-2
Nonmanufacturing	-23	-24	-1	-16	-17	-1
All industries	-15	-17	-2	-11	-12	-1

(Notes) 1. Response rate = The number of enterprises that responded to the question on Business Conditions / The number of sample enterprises\*100

2. Actual result: Judgement at the time of the survey, Forecast: Judgement at the time of three months hence.

Changes in forecast: "Forecast of the survey" minus "Actual result of the survey"

3. Pre-revision "Shipbuilding & Heavy machinery etc." indicates "Shipbuilding & Heavy machinery".

Post-revision "Shipbuilding & Heavy machinery etc." indicates Transportation machinery excluding Motor vehicles.

4. New items, such as Net Income, Land Purchasing Expenses etc., and figures by industry will be available in the March 2004 survey release

1.Business Conditions(Continued)

<Memo>Percentage share of the number of respondents choosing each alternative (Actual result)

		Dec. 2003 Survey					
		<Pre-revision>			<Post-revision>		
		Large	Medium-sized	Small	Large	Medium-sized	Small
		Enterprises	Enterprises	Enterprises	Enterprises	Enterprises	Enterprises
Manufacturing		11	-1	-13	7	-3	-10
1.Favorable		22	19	16	21	20	19
2.Not so favorable		67	61	55	65	57	52
3.Unfavorable		11	20	29	14	23	29
Nonmanufacturing		-9	-21	-28	0	-12	-25
1.Favorable		12	10	8	17	14	11
2.Not so favorable		67	59	56	66	60	53
3.Unfavorable		21	31	36	17	26	36

(Note) Business Conditions DI= Diffusion index of "Favorable" minus "Unfavorable"

2. Supply and Demand Conditions, Inventories, and Prices

(%points)

		Large Enterprises						
		Dec. 2003 Survey						
		<Pre-revision>			<Post-revision>			
		Actual result	Forecast	Changes	Actual result	Forecast	Changes	
Domestic Supply and Demand Conditions for Products and Services:		Manufacturing	-19	-20	-1	-22	-23	-1
		Basic materials	-22	-21	1	-25	-25	0
		Processing	-17	-20	-3	-20	-22	-2
Overseas Supply & Demand Conditions for products:		Manufacturing	-6	-7	-1	-8	-9	-1
		Basic materials	-12	-11	1	-12	-14	-2
		Processing	-4	-5	-1	-7	-7	0
Inventory Level of Finished Goods & Merchandise:		Manufacturing	20	13	-7	18	-	-
		Basic materials	24	17	-7	24	-	-
		Processing	18	12	-6	16	-	-
Wholesalers' Inventory Level:		Manufacturing	18	16	-2	21	-	-
		Basic materials	25	19	-6	25	-	-
		Processing	16	15	-1	17	-	-
Change in Output Prices:		Manufacturing	-21	-24	-3	-22	-24	-2
		Basic materials	-4	-11	-7	-9	-13	-4
		Processing	-29	-29	0	-29	-29	0
Change in Input Prices:		Manufacturing	-1	-1	0	3	1	-2
		Basic materials	12	9	-3	12	10	-2
		Processing	-5	-6	-1	-2	-3	-1

(%points)

		Small Enterprises						
		Dec. 2003 Survey						
		<Pre-revision>			<Post-revision>			
		Actual result	Forecast	Changes	Actual result	Forecast	Changes	
Domestic Supply and Demand Conditions for Products and Services:		Manufacturing	-36	-37	-1	-34	-35	-1
		Basic materials	-48	-48	0	-47	-46	1
		Processing	-30	-31	-1	-28	-29	-1
Overseas Supply & Demand Conditions for products:		Manufacturing	-22	-21	1	-16	-17	-1
		Basic materials	-31	-32	-1	-23	-24	-1
		Processing	-17	-16	1	-14	-14	0
Inventory Level of Finished Goods & Merchandise:		Manufacturing	20	15	-5	15	-	-
		Basic materials	29	24	-5	24	-	-
		Processing	15	10	-5	11	-	-
Wholesalers' Inventory Level:		Manufacturing	27	26	-1	22	-	-
		Basic materials	36	36	0	29	-	-
		Processing	22	21	-1	18	-	-
Change in Output Prices:		Manufacturing	-26	-28	-2	-33	-33	0
		Basic materials	-21	-20	1	-29	-25	4
		Processing	-30	-33	-3	-35	-38	-3
Change in Input Prices:		Manufacturing	9	13	4	10	12	2
		Basic materials	15	18	3	17	17	0
		Processing	7	9	2	6	8	2

(Note) "Forecast" of "Inventory Level of Finished Goods & Merchandise" and "Wholesalers' Inventory Level" is not surveyed in the post-revision survey.

### 3. Sales and Current Profits

#### Sales

		FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>
Large Enterprises	Manufacturing	-0.3	0.0
	Domestic Sales	-0.9	-0.5
	Exports	1.5	1.8
	Nonmanufacturing	-1.4	-0.3
Medium-sized Enterprises	Manufacturing	2.8	2.5
	Nonmanufacturing	0.7	0.0
Small Enterprises	Manufacturing	2.5	1.1
	Nonmanufacturing	-0.1	-1.0
All Enterprises	All industries	0.0	-0.2

(Year-to-year % change)

		1H FY2003		2H FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>	<Pre-revision>	<Post-revision>
		0.2	0.4	-0.8	-0.4
		-0.3	-0.2	-1.4	-0.8
		2.0	2.4	1.0	1.2
		-1.7	-0.2	-1.1	-0.4
		2.3	3.2	3.3	1.8
		0.2	-0.9	1.1	0.8
		2.7	1.0	2.3	1.2
		-0.2	-1.3	-0.1	-0.8
		-0.1	-0.2	0.1	-0.1

#### Current Profits

		FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>
Large Enterprises	Manufacturing	14.1	15.5
	Basic materials	17.4	19.9
	Processing	12.5	13.2
	Nonmanufacturing	2.8	4.3
Medium-sized Enterprises	Manufacturing	16.3	22.4
	Nonmanufacturing	10.6	7.3
Small Enterprises	Manufacturing	31.2	25.5
	Nonmanufacturing	5.3	3.7
All Enterprises	All industries	10.0	9.7

(Year-to-year % change)

		1H FY2003		2H FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>	<Pre-revision>	<Post-revision>
		29.1	30.3	3.1	5.1
		30.2	32.0	7.6	10.8
		28.6	29.4	1.0	2.2
		-1.1	1.5	6.5	7.0
		21.4	40.4	13.3	12.1
		14.4	2.5	8.1	10.1
		43.4	31.6	24.4	21.3
		5.1	-2.7	5.4	7.6
		13.5	12.2	7.4	7.7

#### Ratio of Current Profit to Sales

		FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>
Large Enterprises	Manufacturing	4.69	4.77
	Nonmanufacturing	2.97	3.24
Medium-sized Enterprises	Manufacturing	4.22	3.13
	Nonmanufacturing	2.21	2.06
Small Enterprises	Manufacturing	3.16	2.95
	Nonmanufacturing	2.63	2.11
All Enterprises	All industries	3.09	3.12

(%)

		1H FY2003		2H FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>	<Pre-revision>	<Post-revision>
		4.62	4.62	4.76	4.91
		2.92	3.23	3.01	3.24
		3.32	2.69	5.06	3.53
		1.93	1.55	2.47	2.53
		2.55	2.60	3.72	3.28
		2.34	1.57	2.90	2.61
		2.86	2.86	3.30	3.36

#### 4. Fixed Investment etc.

Fixed Investment		(Year-to-year % change)	
		FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>
Large Enterprises	Manufacturing	11.1	8.7
	Nonmanufacturing	1.6	1.5
	All industries	5.2	3.5
Medium-sized Enterprises	Manufacturing	4.8	9.7
	Nonmanufacturing	2.8	0.7
	All industries	3.0	3.1
Small Enterprises	Manufacturing	-1.7	6.6
	Nonmanufacturing	1.2	4.5
	All industries	0.5	5.0
All Enterprises	Manufacturing	7.6	8.5
	Nonmanufacturing	2.1	1.8
	All industries	3.4	3.7

Software Investment		(Year-to-year % change)	
		FY2003 (Forecast)	
		<Pre-revision>	<Post-revision>
Large Enterprises	Manufacturing	-2.9	-9.5
	Nonmanufacturing	1.3	-4.6
	All industries	-0.4	-6.1
Medium-sized Enterprises	Manufacturing	18.8	25.5
	Nonmanufacturing	8.8	0.6
	All industries	9.5	2.5
Small Enterprises	Manufacturing	-0.2	2.4
	Nonmanufacturing	15.3	29.6
	All industries	12.3	23.4
All Enterprises	Manufacturing	-0.8	-7.1
	Nonmanufacturing	6.2	-1.0
	All industries	4.3	-2.6

Production Capacity		(Diffusion index of "Excessive capacity" minus "Insufficient capacity", % points)					
		Dec. 2003 Survey					
		<Pre-revision>			<Post-revision>		
		Actual result	Forecast	Changes	Actual result	Forecast	Changes
Large Enterprises	Manufacturing	14	12	-2	14	12	-2
	Nonmanufacturing	6	5	-1	4	1	-3
	All industries	11	9	-2	9	7	-2
Medium-sized Enterprises	Manufacturing	12	11	-1	11	9	-2
	Nonmanufacturing	4	2	-2	2	-1	-3
	All industries	7	6	-1	6	3	-3
Small Enterprises	Manufacturing	15	14	-1	8	6	-2
	Nonmanufacturing	7	5	-2	2	0	-2
	All industries	10	9	-1	4	3	-1
All Enterprises	Manufacturing	14	13	-1	10	8	-2
	Nonmanufacturing	6	4	-2	3	1	-2
	All industries	10	8	-2	6	4	-2

#### 5. Employment

Employment Conditions		(Diffusion index of "Excessive employment" minus "Insufficient employment", % points)					
		Dec. 2003 Survey					
		<Pre-revision>			<Post-revision>		
		Actual result	Forecast	Changes	Actual result	Forecast	Changes
Large Enterprises	Manufacturing	18	16	-2	16	13	-3
	Nonmanufacturing	13	9	-4	5	3	-2
	All industries	16	13	-3	10	8	-2
Medium-sized Enterprises	Manufacturing	12	12	0	8	6	-2
	Nonmanufacturing	4	1	-3	5	1	-4
	All industries	7	5	-2	6	3	-3
Small Enterprises	Manufacturing	10	9	-1	7	6	-1
	Nonmanufacturing	8	7	-1	4	2	-2
	All industries	9	7	-2	5	3	-2
All Enterprises	Manufacturing	12	11	-1	10	8	-2
	Nonmanufacturing	7	5	-2	4	2	-2
	All industries	9	8	-1	7	5	-2

#### Number of Employees(All industries)

	(Year-to-year % change)	
	end of Sept. 2003	
	<Pre-revision>	<Post-revision>
Large Enterprises	-1.4	-2.3
Medium-sized Enterprises	0.0	0.4
Small Enterprises	-0.2	0.8
All Enterprises	-0.6	-0.4

#### Number of New Graduates Hired(All industries)

	(Year-to-year % change)	
	FY2004	
	<Pre-revision>	<Post-revision>
Large Enterprises	-4.8	-2.7
Medium-sized Enterprises	-6.0	0.0
Small Enterprises	-3.1	-1.4
All Enterprises	-5.0	-1.5

## 6. Corporate Finance

Financial Position(All industries) (Diffusion index of "Easy" minus "Tight", %points)

	Dec. 2003 Survey					
	<Pre-revision>			<Post-revision>		
	Actual result	Forecast	Changes	Actual result	Forecast	Changes
Large Enterprises	13	10	-3	12	-	-
Medium-sized Enterprises	-3	-8	-5	-2	-	-
Small Enterprises	-10	-17	-7	-13	-	-
All Enterprises	-4	-9	-5	-4	-	-

Lending Attitude of Financial institutions(All industries)

(Diffusion index of "Accommodative" minus "Severe", %points)

	Dec. 2003 Survey					
	<Pre-revision>			<Post-revision>		
	Actual result	Forecast	Changes	Actual result	Forecast	Changes
Large Enterprises	11	9	-2	9	-	-
Medium-sized Enterprises	0	-3	-3	-2	-	-
Small Enterprises	-4	-7	-3	-4	-	-
All Enterprises	0	-3	-3	0	-	-

Change in Interest Rate on Loans(All industries)

(Diffusion index of "Rise" minus "Fall", %points)

	Dec. 2003 Survey					
	<Pre-revision>			<Post-revision>		
	Actual result	Forecast	Changes	Actual result	Forecast	Changes
Large Enterprises	9	14	5	8	15	7
Medium-sized Enterprises	10	16	6	12	22	10
Small Enterprises	11	20	9	11	23	12
All Enterprises	11	18	7	11	20	9

Ratio of Liquidity(All industries) (Months)

	end of Sept. 2003	
	<Pre-revision>	<Post-revision>
Large Enterprises	0.95	1.00
Medium-sized Enterprises	1.04	1.11
Small Enterprises	1.68	1.64
All Enterprises	1.13	1.19

Ratio of Liquidity

$$= \frac{\text{Quarter-end balance of cash, deposits, and securities listed as liquid assets}}{\text{Montly average sales during the fiscal year, which includes the related quarter}}$$

(Note) "Forecast" of "Financial Position" and "Lending Attitude of Financial institutions" is not surveyed in the post-revision survey.

## Appendix: Fixed Investment of Financial institutions

Fixed Investment (Year-to-year % change)

	FY2003 (Forecast)	
	<Pre-revision>	<Post-revision>
	Financial institutions	73.8
Banks	16.9	16.8
Securities companies	12.4	16.5
Insurance companies	186.2	145.6

Software Investment (Year-to-year % change)

	FY2003 (Forecast)	
	<Pre-revision>	<Post-revision>
	Financial institutions	9.9
Banks	15.2	12.0
Securities companies	4.0	24.6
Insurance companies	-0.7	-0.2

(Notes) There are following differences in "Fixed Investment of Financial institutions";

1. Industrial coverage of "Financial institutions"

Pre-revision : Banks, Securities companies and Insurance companies

Post-revision : Banks, Securities companies , Insurance companies,

Shinkin banks & Other financial institutions for small business  
and Non-deposit money corporations

2. Calculation method

Pre-revision : simple aggregates

Post-revision : population estimates