# Revisions of the Tankan and New Release Format

December 23, 2019 Research and Statistics Department Bank of Japan

The Bank of Japan has proceeded with the implementation of the revisions of the *Tankan* (Short-term Economic Survey of Enterprises in Japan), in light of changes in the economic structure, such as the growing importance of R&D and the progress of globalization.

In June 2016, the Bank proposed its revisions of *Tankan* and launched a public consultation to gather public views. Reflecting upon these views, the Bank released the paper, "Planned Revisions of the *Tankan*<sup>1</sup>" in December 2016. In this paper, the Bank presented the following five revisions, which attempt to balance an improvement in user convenience and a reduction in respondent burden. Specifically, to improve convenience for users, the Bank has decided to proceed with (1) the addition of R&D investment to survey items; (2) the enhancement of the exchange rates survey; and (3) the introduction of a new survey category regarding overseas business activities and the addition of "Business consultants & pure holding companies." In order to reduce respondent burden, the Bank will proceed with (4) the abolition of some survey items; operating profits and half-year figures of investment-related items and (5) creating a more efficient sample design through the revision of sampling methodology.

Following the release of "Planned Revisions of the *Tankan*," the Bank started a R&D investment survey from the March 2017 survey<sup>2</sup> and created a more efficient sample design for the "Regular Revision of the *Tankan* Sample Enterprises" in the March 2018 survey.<sup>3</sup>

The implementation of the rest of the revisions, previously planned for around 2020 in the "Planned Revisions of the *Tankan*," will be implemented in the March 2020 survey and June 2020 survey (see Appendix 1 for the Sample Form) as described below. With this implementation, the "Planned Revisions of the *Tankan*" will be fully realized.

<sup>&</sup>lt;sup>1</sup> For further details of the revisions, see "Planned Revisions of the *Tankan*" (Research and Statistics Department of the Bank of Japan, December 2016), and "Partial Changes to the 'Planned Revisions of the *Tankan*" (Research and Statistics Department of the Bank of Japan, March 2019).

<sup>&</sup>lt;sup>2</sup> For further details, see "Inclusion of 'R&D Investment' in the *Tankan* and New Release Format" (Research and Statistics Department of the Bank of Japan, December 2016).

<sup>&</sup>lt;sup>3</sup> For further details, see "Regular Revision of the *Tankan* Sample Enterprises" (Research and Statistics Department of the Bank of Japan, March 2018).

1. Enhancement of exchange rates survey from the March 2020 survey

The Bank will enhance the exchange rates survey. Specifically, the Bank will take a survey of euro-yen rates as well as U.S. dollar-yen rates of all sample enterprises (excluding financial institutions) for overall businesses, if projected by those enterprises. For aggregation, the Bank will compute the simple averages of responded figures of exchange rates instead of the current weighted averages of responded figures by the amount of exports.<sup>4</sup>

2. Introduction of new category regarding overseas business activities and the addition of "Business consultants & pure holding companies" from the June 2020 survey<sup>5</sup>

The Bank will introduce a new survey category called Overseas Business Activities. Specifically, the Bank will conduct a survey on actual results and forecasts of the following five items — Sales, Overseas Sales, Current Profits, Fixed Investment and Overseas Fixed Investment — on a consolidated basis.<sup>6</sup> The Bank will limit the survey to parent enterprises with capital of 1 billion yen or more, at the top of a consolidated business group.

These large parent enterprises are often "Business consultants & pure holding companies<sup>7</sup>," currently excluded from the *Tankan*'s coverage. The Bank will include "Business consultants & pure holding companies" in its coverage. At the same time, the Bank will begin a survey on fixed investment, land purchasing expenses, software investment and R&D investment of these companies.

3. Abolition of some survey items from the March 2020 survey

The Bank will abolish the operating profits survey and change the investment-related items survey from half-year figures to fiscal-year figures.

Effective with the release of the March 2020 survey, release materials will be changed to reflect the changes above, as in the following table (for the March survey, the Comprehensive Data Set will be released on April 2, 2020, following the releases of the Summary and the Outline on April 1). Some figures from the Inflation Outlook of Enterprises, currently released on the following day of release, will be released in the Summary and the Outline (see Appendix 2 for new release format of the Summary).

<sup>&</sup>lt;sup>4</sup> Retrospective figures of the simple average U.S. dollar-yen rates of exporting enterprises by large manufacturing enterprises, based on actual results from FY2003 to 2018, will be released on the BOJ Time-Series Data Search in January 2020.

<sup>&</sup>lt;sup>5</sup> The Bank will conduct a preliminary survey on Overseas Business Activities, and investment-related items of "Business consultants & pure holding companies" in the March 2020 survey, followed by the release of figures in the June 2020 survey. Please note that the result from the preliminary survey will be presented as " - " in the release materials of the March 2020 survey.

<sup>&</sup>lt;sup>6</sup> The Bank will survey euro-yen rates as well as U.S. dollar-yen rates for enterprises included in a survey on Overseas Business Activities and publish consolidated exchange rates for their overall businesses.

<sup>&</sup>lt;sup>7</sup> "Business consultants & pure holding companies" corresponds to the "728 Business consultants and pure holding companies" in the Japan Standard Industrial Classification.

Major changes in release materials from the March 2020 Survey

Release timing	Release material	Description of the change
Release day	Summary, Outline	• With the enhancement of exchange rates for exports, the coverage of the survey will extend to all enterprises excluding financial institutions and euro-yen rates will be added to the survey items.
		• "(Reference) The Average of Enterprises' Inflation Outlook" in the Inflation Outlook of Enterprises will be added.
		• Figures from the survey on Overseas Business Activities will be added.
		• Figures of investment-related items for "Business consultants & pure holding companies" will be added.
Following day of release	The Comprehensive Data Set	• With the enhancement of exchange rates for exports, the coverage of the survey will extend to all enterprises excluding financial institutions and euro-yen rates will be added to the survey items.
		• Figures from the survey on Overseas Business Activities will be added.
		• Figures of investment-related items for "Business consultants & pure holding companies" will be added.
		• Number of reporting enterprises, number of population and standard error ratios in the survey on Overseas Business Activities and "Business consultants & pure holding companies" will be added.
		• Operating profits and half-year figures of investment-related items will no longer be updated.
	BOJ Time-Series Data Search	• With the enhancement of exchange rates for exports, the coverage of the survey will extend to all enterprises excluding financial institutions and euro-yen rates will be added to the survey items.
		• Figures from the survey on Overseas Business Activities will be added.
		• Figures of investment-related items for "Business consultants & pure holding companies" will be added.
		• Operating profits and half-year figures of investment-related items will no longer be updated.

Notes: 1. The Bank will no longer release the Summary of the Inflation Outlook of Enterprises and integrate figures of "(Reference) The Average of Enterprises' Inflation Outlook" of this material into the Summary and the Outline. All the figures listed in the Inflation Outlook of Enterprises will continue to be available on the current schedule as part of the Comprehensive Data Set.

- 2. For details of the change in the series code of the *Tankan*, please refer to "<u>Changes in the Series</u> <u>Code of the 'TANKAN' in the BOJ Time-Series Data Search</u>."
- 3. Please note that the result from the preliminary survey will be presented as " " in the release materials of the March 2020 survey.

Inquiries

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#### Short-Term Economic Survey of Enterprises in Japan (Tankan) **Sample Form**

The Tankan is a statistical survey carried out by the Bank of Japan in accordance with the Statistics Law (Law No.53 of 2007). Answers to this survey will be kept confidencial.

(Notes) Regarding Exchange Rates in 2. Annual Projections: if you do not hold predicted exchange rates, please note this in the 'Remarks' section below. As for investment-related items, please answer figures on a fiscal year basis.

Business Survey, Economic Statistics Division, Research and Statistics Department, Bank of Japan Reference Section

(Appendix 1) Confidential

#### 1. Judgement Survey

Survey Item	Judgement	Actual result	Forcast		Please choose the option which best describes the
(1) Business Conditions of Your	1.Favorable				current and forecasted (for the next survey period)
Enterprise	2.Not so favorable				conditions, excluding seasonal factors.
	3.Unfavorable				
(2) Domestic Supply and Demand	1.Excess demand			-	For the 3 items marked with an asterisk (*), please
Conditions for Products and Services					choose the option which best describes the current
in Your Industry	3.Excees supply				(from three months prior) and forecasted (for the
(3) Overseas Supply and Demand Conditions for Products in Your	1.Excess demand				next survey period) change, excluding seasonal factors
Conditions for Products in Your Industry	2.Almost balanced				factors.
	3.Excees supply				
(4) Inventory Level of Finished Goods and Merchandise of Your	1.Excessive or somewhat excessive 2.Adequate				
Enterprise	3.Insufficient or somewhat insufficient				If there are projections for exchange rates, please
(5) Wholesalers' Inventory Level in	1 Excessive or somewhat excessive				fill in the exchange rates for actual results and
Your Industry	2.Adequate				expected rates on which your overall businesses
rou nausry	3.Insufficient or somewhat insufficient				are based.
(6) Production Capacity of Your	1.Excessive capacity				
Enterprise	2.Adequate				Please fill in the bolded box even if the answer is
	3.Insufficient capacity				the same as the previous answer.
(7) Employment Conditions of Your	1.Excessive employment				For the forecast, please fill in the bolded box even if there are only rough figures based on the current
Enterprise	2.Adequate				estimates available within your institution.
-	3.Insufficient employment				estimates available within your institution.
(8) Financial Position of Your	1.Easy				
Enterprise	2.Not so tight				
	3.Tight				Only large enterprises (capital of 1 billion yen and
(9) Lending Attitude of Financial	1.Accommodative				more) that either issued CP at least once in the past
Institutions	2.Not so severe				two years or are considering CP issuance at a
	3.Severe				future date should provide a response for
(10)* Change in Interest Rate on	1.Rise			1	"Conditions for CP Issuance."
Loans	2.Unchanged 3.Fall				
(11) Conditions for CP Issuance	J.Faii L.Easy			/	
(11) Conditions for CP Issuance	2.Not so severe				Discondension of the second strength of the
	3 Severe				Please choose one of the options, excluding the effects of changes due to institutional factors such
(12)* Change in Output Prices of	1 Rise			h.	as consumption tax.
Your Enterprise	2.Unchanged			/	and a second provide the second
rou cherprice	3.Fall			11	
(13)* Change in Input Prices of	1 Rise			۳/	Please fill in the bolded box even if the anwser is
Your Enterprise	2.Unchanged			$\parallel /$	the same as the previous answer.
	3.Fall			/	For the forecast, please fill in the bolded box even
L				Ч.	if there are only rough figures based on the current

ease choose the option which best describes the		FY	(	F	Y	FY		
rrent and forecasted (for the next survey period) nditions, excluding seasonal factors.	Period Survey Item	1 HF (AprSept.) (Actual result)	2 HF (OctMar.) (Actual result)	1 HF (AprSept.) (Actual result)	2 HF (OctMar.) (Actual result)	1 HF (AprSept.) (Forecast)	2 HF (OctMar.) (Forecast)	
r the 3 items marked with an asterisk (*), please oose the option which best describes the current om three months prior) and forecasted (for the	Sales	million yen	million yen	million yen	million yen	million yen	million y	
ct survey period) change, excluding seasonal tors.	Exports							
	Exchange Rates (yen per US dollar)							
there are projections for exchange rates, please II in the exchange rates for actual results and spected rates on which your overall businesses re based. lease fill in the bolded box even if the answer is the same as the previous answer.	Exchange Rates (yen per Euro)							
	Current Profits							
here are only rough figures based on the current	Net Income							
		F (Actual		F (Actua		FY (Forecast)		
there are projections for exchange rates, please II in the exchange rates for actual results and spected rates on which your overall businesses to hased. lease fill in the bolded box even if the answer is	Fixed Investment							
	Land Purchasing Expenses							
tse choose one of the options, excluding the ets of changes due to institutional factors such	Software Investment							
consumption tax.	R&D Investment							

## if there are only rough figures based on the current estimates available within your institution.

3. Inflation Outlook of Enterprises

(1) Outlook for Output Prices

Relative to the current level, what is your institution's expectation of the rate of price changes in your mainstay domestic products or services for one year ahead, three years ahead, and five years ahead, respectively? Please select the range nearest to your own expectation from the options below.

A point in time	Rate of changes relative to the current level 1. around $+20\%$ or higher ( $+17.5\%$ or higher) 2. around $+15\%$ ( $+12.5\% \sim +17.4\%$ )	
1 year ahead	3. around $+10\%$ (+ 7.5% $\sim$ $+12.4\%$ ) 4. around $+5\%$ (+ 2.5% $\sim$ $+7.4\%$ ) 5. around $0\%$ ( $-2.5\% \sim +2.4\%$ )	
3 years ahead	6. around $-5\%$ $(-7.5\% \sim -2.6\%)$ 7. around $-10\%$ $(-12.5\% \sim -7.6\%)$	
5 years ahead	<ol> <li>8. around −15% (−17.5% ~ −12.6%)</li> <li>9. around −20% or lower (−17.6% or lower)</li> <li>10. Den<sup>th</sup> know</li> </ol>	

### (2) Outlook for General Prices

What is your institution's expectation of the annual percent change in general prices (as measured by the consumer price index) for one year ahead, three years ahead, and five years ahead, respectively? Please select the range nearest to your own expectation from the options below.

	In annual percent rate changes
	<ol> <li>around + 6% or higher (+ 5.5% or higher)</li> </ol>
	12. around + 5% $(+ 4.5\% \sim + 5.4\%)$
A point	13. around + 4% $(+ 3.5\% \sim + 4.4\%)$
in time	14. around + 3% $(+ 2.5\% \sim + 3.4\%)$
	15. around + 2% $(+1.5\% \sim +2.4\%)$
	16. around + 1% $(+ 0.5\% \sim + 1.4\%)$
	17. around 0% $(-0.5\% \sim + 0.4\%)$
	 18. around $-1\%$ (- 1.5% ~ - 0.6%)
1 year	19. around $-2\%$ (-2.5% ~ -1.6%)
ahead	20. around - 3% or lower (- 2.6% or lower)
	XIf you have no clear views on general prices, please select one of the three following reasons.
3 years	21. Uncertainty over the future outlook is high
ahead	22. Not really conscious of inflation fluctuations because they should not influence the strate
5 years	of the institution.
ahead	23. Other
ancau	

### 4. Number of New Graduates Hired (Surveyed only in June and December)

Period Survey Item	FY (Actual result)	FY (Forecast)	FY (Forecast)
Number of New Graduates Hired	persons	persons	persons

## Please fill in the bolded box even if the anwser is the same as the previous answer

Reference Accounting Period Capital

Number of Employee Main Business Products and Services

5. Overseas Business Activities (Surveyed on a consolidated basis)

Period Survey Item	FY (Actual result)	FY (Actual result)	FY (Forecast)
Consolidated Sales	million yen	million yen	million yen
Overseas Sales			
Consolidated Current Profits			
Consolidated Fixed Investment			
Overseas Fixed Investment			

(Remarks) Please note any relevant factors such as drastic changes in demand and supply conditions, M&A, sales of business, changes in accounting method, etc., causing or likely to cause large fluctuations in the survey items. If your accounting period is different from the survey eperiod printed on this survey sheet, please write that below.

## Tankan Summary (March 2020)

184th Short-Term Economic Survey of Enterprises in Japan

#### (Appendix 2)

Not to be released before 8:50 a.m. on Wednesday, April 1, 2020

Apr. 1, 2020

Research and Statistics Department

Bank of Japan

Number of Sample Enterprises									
	Manufacturing	Nonmanufacturing	Total	Response rate					
All Enterprises									
Large Enterprises									
Medium-sized Enterprises									
Small Enterprises									
Responding Period:									

Ref.: Average	e of predicted exchange ra	exchange rates of all enterprises for overall businesses B						
		FY 2019			FY 2020			
			1H	2H		1H	2H	
U.S.dollar-yen	Dec. 2019 Survey							
(Yen/U.S.dollar)	March 2020 Survey							
Euro-yen	Dec. 2019 Survey							
(Yen/Euro)	March 2020 Survey							

### 1. Business Conditions

I. All Enterprises

DI ("favorable" - "unfavorable"), % points Small Enterprises Large Enterprises Medium-sized Enterprises Dec. 2019 Survey March 2020 Survey Dec. 2019 Survey March 2020 Survey Dec. 2019 Survey March 2020 Survey Actual result Actual result Actual result Forecast Forecast Actual result Forecast Actual result Forecast Actual result Forecast Forecast Changes Changes Changes Changes Changes Changes Manufacturing Textiles Lumber & Wood products Pulp & Paper Chemicals Petroleum & Coal products Ceramics. Stone & Clav Iron & Steel Nonferrous metals Food & Beverages Processed metals General-purpose machinery Production machinery Business oriented machinery Electrical machinery Shipbuilding & Heavy machinery, etc. Motor vehicles Basic materials Processing Nonmanufacturing Construction Real estate Goods rental & Leasing Wholesaling Retailing Transport & Postal activities Communications Information services Electric & Gas utilities Services for businesses Services for individuals Accommodations, Eating & Drinking services All industries

	All Enterprises						
Manufacturing							
Nonmanufacturing							
All industries							

Notes: 1. Response rate = The number of enterprises that responded to the question on business conditions / the number of sample enterprises \* 100

2. Changes in actual result = "Actual result of the current survey" minus "Actual result of the previous survey"

Changes in forecast = "Forecast of the current survey" minus "Actual result of the current survey"

3. "Shipbuilding & Heavy machinery, etc." indicates transportation machinery excluding motor vehicles.

### 1. Business Conditions (Continued)

<Ref.> Percentage share of the number of respondents choosing each alternative

	1	Dec. 2019 Surve	March 2020 Survey						
		Actual result			Actual result	t	Forecast		
	Large Enterprises	Medium-sized Enterprises		Large Enterprises	Medium- sized Enterprises	Small Enterprises	Large Enterprises	Medium- sized Enterprises	Small Enterprises
Manufacturing									
1. Favorable									
2. Not so favorable									
3. Unfavorable									
Nonmanufacturing									
1. Favorable									
2. Not so favorable									
3. Unfavorable									

#### Ref.: Average of predicted exchange rates of exporting enterprises by large manufacturing enterprises for overall businesses

		FY 2019			FY 2020		
			1H	2H		1H	2H
U.S.dollar-yen	Dec. 2019 Survey						
(Yen/U.S.dollar)	March 2020 Survey						
Euro-yen	Dec. 2019 Survey						
(Yen/Euro)	March 2020 Survey						

(Note) The U.S. dollar-yen rates of the December 2019 survey in the table are predicted exchange rates for exports, recalculated with a simple average -- the same computation as those of the March 2020 survey. Therefore, the U.S. dollar-yen rates of the December 2019 survey in the table are different from the figures released in the December 2019 survey.

### 2. Supply and Demand Conditions, Inventories, and Prices

							% points								% point
				Large E	nterprises							Small E	nterprises		
		Dec.201	19 Survey		March 20	20 Survey				Dec. 201	19 Survey		March 20		
		Actual	Forecast	Actual		Forecast				Actual	Forecast	Actual		Forecast	
		result		result	Changes		Changes			result		result	Changes		Changes
Domestic Supply & Demand Conditions for Products	Manufacturing							Domestic Supply & Demand Conditions for Products	Manufacturing						
and Services:	Basic materials							and Services:	Basic materials						
Diffusion index of "Excess demand" minus "Excess supply"	Processing							Diffusion index of "Excess demand" minus "Excess supply"	Processing						
	Nonmanufacturing								Nonmanufacturing						
Overseas Supply & Demand Conditions for Products:	Manufacturing							Overseas Supply & Demand Conditions for Products:	Manufacturing						
Diffusion index of "Excess demand" minus "Excess supply"	Basic materials							Diffusion index of "Excess demand" minus "Excess supply"	Basic materials						
	Processing								Processing						
Inventory Level of Finished Goods & Merchandise:	Manufacturing					/		Inventory Level of Finished Goods & Merchandise:	Manufacturing					/	/
Diffusion index of "Excessive or somewhat excessive"	Basic materials							Diffusion index of "Excessive or somewhat excessive"	Basic materials						
minus "Insufficient or somewhat insufficient"	Processing							minus "Insufficient or somewhat insufficient"	Processing						
Wholesalers' Inventory Level:	Manufacturing							Wholesalers' Inventory Level:	Manufacturing					/	/
Diffusion index of "Excessive or somewhat excessive"	Basic materials							Diffusion index of "Excessive or somewhat excessive"	Basic materials						
minus "Insufficient or somewhat insufficient"	Processing							minus "Insufficient or somewhat insufficient"	Processing						
	•			_											
	Manufacturing								Manufacturing						
Change in Output Prices:	Basic materials							Change in Output Prices:	Basic materials						
Diffusion index of "Rise" minus "Fall"	Processing							Diffusion index of "Rise" minus "Fall"	Processing						
	Nonmanufacturing								Nonmanufacturing						
	Manufacturing								Manufacturing						
Change in Input Prices:	Basic materials							Change in Input Prices:	Basic materials						
Diffusion index of "Rise" minus "Fall"	Processing							Diffusion index of "Rise" minus "Fall"	Processing						
	Nonmanufacturing								Nonmanufacturing						

%, % points

# 3. Sales and Current Profits

Sales				year	-to-year % change
		FY 2019		FY 2020	
		(Forecast)	Revision rate	(Forecast)	Revision rate
	Manufacturing				
	Domestic Sales				
Large Enterprises	Exports				
	Nonmanufacturing				
	All industries				
Medium-sized	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
Small Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
All Enterprises	Nonmanufacturing				
	All industries				

1H FY 2019	2H FY 2019		1H FY 2020		2H FY 2020	to year /o enange
	(Forecast)	Revision rate	(Forecast)	Revision rate	(Forecast)	Revision rate

Current Profits				year	-to-year % change
		FY 2019		FY 2020	
		(Forecast)	Revision rate	(Forecast)	Revision rate
	Manufacturing				
	Basic materials				
Large Enterprises	Processing				
	Nonmanufacturing				
	All industries				
Medium-sized	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
Small Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
All Enterprises	Nonmanufacturing				
	All industries				

(Note) Revision rates are calculated as the percentage change of the figures between the current and previous survey.

1H FY 2019	2H FY 2019		1H FY 2020		2H FY 2020	-to-year % change
	(Forecast)	Revision rate	(Forecast)	Revision rate	(Forecast)	Revision rate
<u> </u>						

year-to-year % change

year-to-year % change

# 3. Sales and Current Profits (Continued)

Ratio of Current Pr	ofit to Sales		_		%, % points
		FY 2019		FY 2020	
		(Forecast)	Changes	(Forecast)	Changes
	Manufacturing				
Large Enterprises	Nonmanufacturing				
	All industries				
Medium-sized	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
Small Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
All Enterprises	Nonmanufacturing				
	All industries				

					%, % points
2H FY 2019		1H FY 2020		2H FY 2020	
(Forecast)	Changes	(Forecast)	Changes	(Forecast)	Changes

Net Income				year	-to-year % change
		FY 2019		FY 2020	
		(Forecast)	Revision rate	(Forecast)	Revision rate
	Manufacturing				
	Basic materials				
Large Enterprises	Processing				
	Nonmanufacturing				
	All industries				
Medium-sized	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
Small Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
All Enterprises	Nonmanufacturing				
	All industries				

year-to-year % change								
1H FY 2019	2H FY 2019		1H FY 2020		2H FY 2020			
	(Forecast)	Revision rate	(Forecast)	Revision rate	(Forecast)	Revision rate		

4. Fixed Investment, etc. < Figures in "All industries including Financial institutions and Holding companies, etc." will be released from the June 2020 Survey >

Fixed Investme	ent including Land Purchasing Exp	enses		year-to-year % change			
		FY 2019		FY 2020			
		(Forecast)	Revision rate	(Forecast)	Revision rate		
Large	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Medium-sized	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Small	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
	Manufacturing						
All Enterprises	Nonmanufacturing						
	All industries						
(Memo)	All industries including Financial institutions All industries including Financial institutions						
<)	and Holding companies, etc.						

		Dec. 201	19 Survey		March 20	20 Survey	
		Actual	Forecast	Actual		Forecast	
		result		result	Changes		Changes
Large	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Medium-sized	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Small	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
	Manufacturing						
All Enterprises	Nonmanufacturing						
	All industries						

#### Software, R&D, and Fixed Investment excluding Land Purchasing Expenses

Purchasing Ex	penses			year-to-year % change			
		FY 2019		FY 2020			
		(Forecast)	Revision rate	(Forecast)	Revision rate		
Large	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Medium-sized	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Small	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
	Manufacturing						
All Enterprises	Nonmanufacturing						
	All industries						
(Memo)	All industries including Financial institutions All industries including Financial institutions and Holding companies, etc.						

Land Purchasi	ng Expenses			year-t	o-year % change
		FY 2019		FY 2020	
		(Forecast)	Revision rate	(Forecast)	Revision rate
Large	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
Medium-sized	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
Small	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
All Enterprises	Nonmanufacturing				
	All industries				
	All industries including Financial institutions				
(Memo)	All industries including Financial institutions and Holding companies, etc.				
	and riolding companies, etc.	I			

Software Invest	stment			year-t	o-year % change
		FY 2019		FY 2020	
		(Forecast)	Revision rate	(Forecast)	Revision rate
Large	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
Medium-sized	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
Small	Manufacturing				
Enterprises	Nonmanufacturing				
	All industries				
	Manufacturing				
All Enterprises	Nonmanufacturing				
	All industries				
(Memo)	All industries including Financial institutions All industries including Financial institutions and Holding companies, etc.				

R&D Investment year-to-year % cha					o-year % change		
		FY 2019	FY 2020				
		(Forecast)	Revision rate	(Forecast)	Revision rate		
Large	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Medium-sized	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Small	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
	Manufacturing						
All Enterprises	Nonmanufacturing						
	All industries						
(Memo)	All industries including Financial institutions All industries including Financial institutions and Holding companies, etc.						

Notes: 1. "Fixed Investment including Land Purchasing Expenses" excludes software and R&D investment.

2. "Holding companies, etc." indicates business consultants & pure holding companies.

## 5. Employment

## 6. Corporate Finance

## Employment Conditions

Financial Position (All industries)

DI ("excessive employment" - "insufficient employment"), % points							
		Dec. 201	9 Survey	March 2020 Survey			
		Actual result	Forecast	Actual result		Forecast	
					Changes		Changes
Large	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Medium-sized	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
Small	Manufacturing						
Enterprises	Nonmanufacturing						
	All industries						
	Manufacturing						
All Enterprises	Nonmanufacturing						
	All industries						

					year-to-	year % change
	FY 2019		FY 2020		FY 2021	
		Revision rate	(Forecast)	Revision rate	(Forecast)	Revision rate
Large Enterprises						
Medium-sized Enterprises						
Small Enterprises						
All Enterprises						
All Enterprises & Financial institutions						
Manufacturing						
Nonmanufacturing						
Financial institutions						

(Note) "Number of New Graduates Hired" is surveyed only in June and December.

			DI ("easy" - '	'tight"), % points
	Dec. 202	0 Survey	March 20	20 Survey
	Actual result	Actual result Forecast		
				Changes
Large Enterprises				
Medium-sized Enterprises				
Small Enterprises				
All Enterprises				
Manufacturing				
Nonmanufacturing		/		

Lending Attitude of Financial Institutions (All industries)

<u>.</u>		DI ("acco	ommodative" - "se	evere"), % points
	Dec. 202	0 Survey	March 2020 Survey	
	Actual result Forecast		Actual result	
				Changes
Large Enterprises				
Medium-sized Enterprises				
Small Enterprises				
All Enterprises				
Manufacturing		/		
Nonmanufacturing				

Change in Interest Rate on Loans (All industries)

	Dec. 2019 Survey		March 2020 Survey			
	Actual result	Actual result Forecast		Actual result		
				Changes		Changes
Large Enterprises						
Medium-sized Enterprises						
Small Enterprises						
All Enterprises						
Manufacturing						
Nonmanufacturing						

Conditions for CP Issuance (All industries) < Based on CP-Issuing Enterprises>

DI ("easy" -	"severe"),	% points

DI ("rise" "fell") 0/ mainta

	Dec. 202	0 Survey	March 20	20 Survey
	Actual result	Forecast	Actual result	
				Changes
Large Enterprises				

r 0/ ah

# 7. Inflation Outlook of Enterprises

(Reference) The Average of Enterprises' Inflation Outlook		%, % points
	Output Prices	General Prices

				Output Prices (Rate of Changes Relative to the Current Level)		Genera (Annual Percer	
					Changes		Changes
		1 year ahead	Previous projection				
		i yeai alleau	Current projection				
	Manu-	3 years ahead	Previous projection				
	facturing	5 years allead	Current projection				
		5 years ahead	Previous projection				
Large		5 years allead	Current projection				
Enterprises		1 year ahead	Previous projection				
		i year aneau	Current projection				
	Nonmanu-	3 years ahead	Previous projection				
	facturing	5 years alleau	Current projection				
		5	Previous projection				
		5 years ahead	Current projection				
		1 year ahead	Previous projection				
		i year aneau	Current projection				
	Manu-	3 vears aboad	Previous projection				
	facturing		Current projection				
		5 years ahead	Previous projection				
Small		5 years allead	Current projection				
Enterprises		1 year ahead	Previous projection				
		i year anead	Current projection				
	Nonmanu-	3 years ahead	Previous projection				
	facturing	5 years allead	Current projection				
		5 years ahead	Previous projection				
		5 years allead	Current projection				
		1 year ahead	Previous projection				
		i year aneau	Current projection				
All	All	3 years ahead	Previous projection				
Enterprises	industries	5 years arread	Current projection				
		5 years ahead	Previous projection				
		5 years aneau	Current projection				

II. Financial Institutions, Business Consultants & Pure Holding Companies < Figures in "Business consultants & pure holding companies" will be released from the June 2020 Survey >

Number of Sample Enterprises

	Enterprises	Response rate
Financial institutions		
Business consultants & pure holding companies		
Responding Period:		

#### 1. Business Conditions of Financial Institutions

#### **Business Conditions**

				DI ("favoral	ole" - "unfavora	ble"), % points
	Dec. 201	9 Survey	March 2020 Survey			
	Actual result	Forecast	Actual result		Forecast	
				Changes		Changes
Banks						
Financial institutions for cooperative organizations						
Financial products transaction dealers						
Insurance companies						
Non-deposit money corporations						
Financial institutions						

Production Capacity

DI ("excessive capacity" - "insufficient capacity"), % points

	Dec. 201	Dec. 2019 Survey		March 2020 Survey		
	Actual result	Forecast	Actual result		Forecast	_
				Changes		Changes
Banks						
Financial institutions for cooperative organizations						
Financial products transaction dealers						
Insurance companies						
Non-deposit money corporations						
Financial institutions						

Employment Conditions

DI ("excessive employment" - "insufficient employment"), % point						
	Dec. 201	9 Survey		March 20	20 Survey	
	Actual result	Forecast	Actual result	_	Forecast	
				Changes		Changes
Banks						
Financial institutions for cooperative organizations						
Financial products transaction dealers						
Insurance companies						
Non-deposit money corporations						
Financial institutions						

2. Fixed Investment of Financial Institutions, Business Consultants & Pure Holding Companies

Fixed Investment including Land Purchasing Ex	year-to-year % change			
	FY 2019		FY 2020	
	(Forecast)	Revision rate	(Forecast)	Revision rate
Financial institutions				
Banks				
Financial institutions for cooperative organizations				
Financial products transaction dealers				
Insurance companies				
Non-deposit money corporations				
Business consultants & pure holding companies				

Software, R&D, and Fixed Investment excluding La	year-to-year % change		
Financial institutions			
Banks			
Financial institutions for cooperative organizations			
Financial products transaction dealers			
Insurance companies			
Non-deposit money corporations			
Business consultants & pure holding companies			

Software Investment		year-to	-year % change
Financial institutions			
Banks			
Financial institutions for cooperative organizations			
Financial products transaction dealers			
Insurance companies			
Non-deposit money corporations			
Business consultants & pure holding companies			

Land Purchasing Expenses		year-to	-year % change
Financial institutions			
Banks			
Financial institutions for cooperative organizations			
Financial products transaction dealers			
Insurance companies			
Non-deposit money corporations			
Business consultants & pure holding companies			

R&D Investment		year-to	-year % change
Financial institutions			
Banks			
Financial institutions for cooperative organizations			
Financial products transaction dealers			
Insurance companies			
Non-deposit money corporations			
Business consultants & pure holding companies			

Notes: 1. Response rate of financial institutions = The number of institutions that responded to the question on business conditions / the number of sample institutions \* 100

2. Response rate of business consultants & pure holding companies = The number of enterprises that responded to the question on fixed investment / the number of sample enterprises \* 100

## II. Overseas Business Activities <Figures will be released from the June 2020 Survey>

#### Number of Sample Enterprises

	Enterprises	Response rate
Manufacturing		
Basic materials		
Processing		
Nonmanufacturing		
All industries		

Responding Period:

## 1. Sales and Current Profits

onsolidated Sales		1	year-to-year % change
		FY 2019	FY 2020
		(Forecast)	(Forecast)
	Manufacturing		
	Basic materials		
Overseas Sales	Processing		
	Nonmanufacturing		
	All industries		
	Manufacturing		
	Basic materials		
Domestic Sales	Processing		
	Nonmanufacturing		
	All industries		
	Manufacturing		
	Basic materials		
Total Sales	Processing		
	Nonmanufacturing		
	All industries		
	Manufacturing		
Share of Overseas	Basic materials		
Sales in Total Sales	Processing		
	Nonmanufacturing		
	All industries		

#### Ref.: Average of predicted exchange rates expected by all industries for overall businesses

		FY 2019	FY 2020
U.S. dollar-yen (Yen/U.S. dollar)	Dec. 2019 Survey		
	March 2020 Survey		
Euro-yen (Yen/Euro)	Dec. 2020 Survey		
	March 2020 Survey		

## 2. Fixed Investment

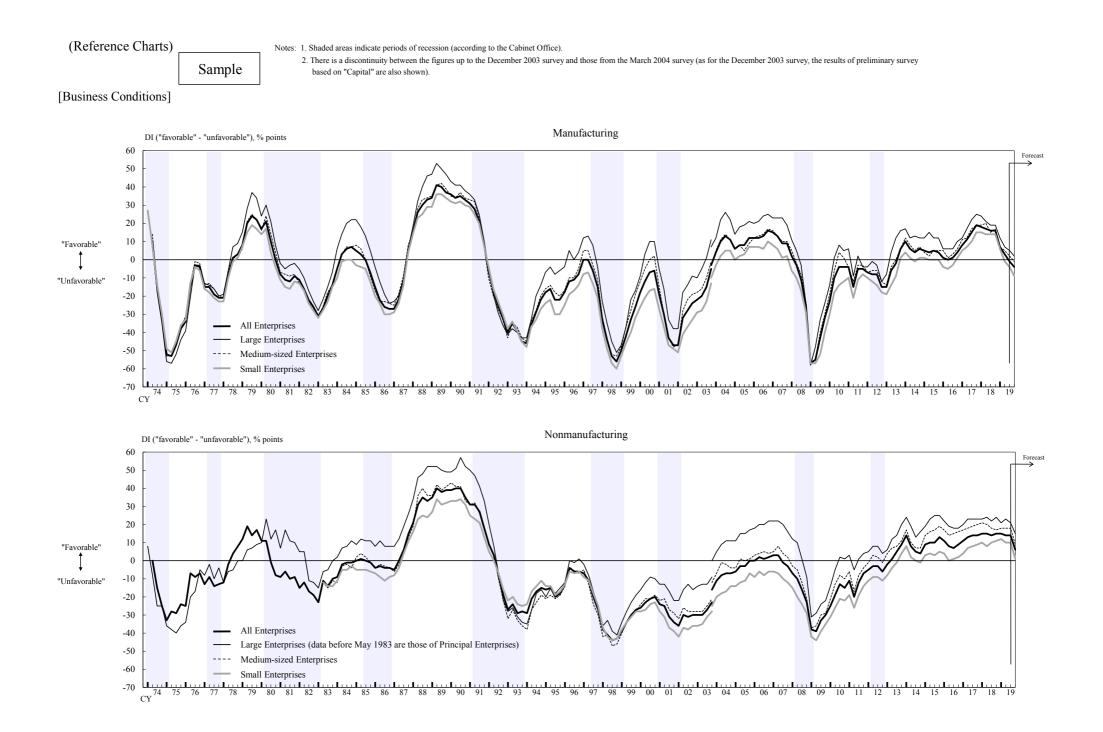
Consolidated Fixed Inv	vestment		year-to-year % chang
		FY 2019	FY 2020
		(Forecast)	(Forecast)
Overseas Fixed Investment	Manufacturing		
	Basic materials		
	Processing		
	Nonmanufacturing		
	All industries		
Domestic Fixed Investment	Manufacturing		
	Basic materials		
	Processing		
	Nonmanufacturing		
	All industries		
	Manufacturing		
Total Fixed	Basic materials		
Investment	Processing		
	Nonmanufacturing		
	All industries		
	Manufacturing		
Share of Overseas Fixed	Basic materials		
Investment in Total	Processing		
Fixed Investment	Nonmanufacturing		
	All industries		

Consolidated Current I	Profits		year-to-year % change	
		FY 2019	FY 2020	
		(Forecast)	(Forecast)	
	Manufacturing			
	Basic materials			
	Processing			
	Nonmanufacturing			
	All industries			

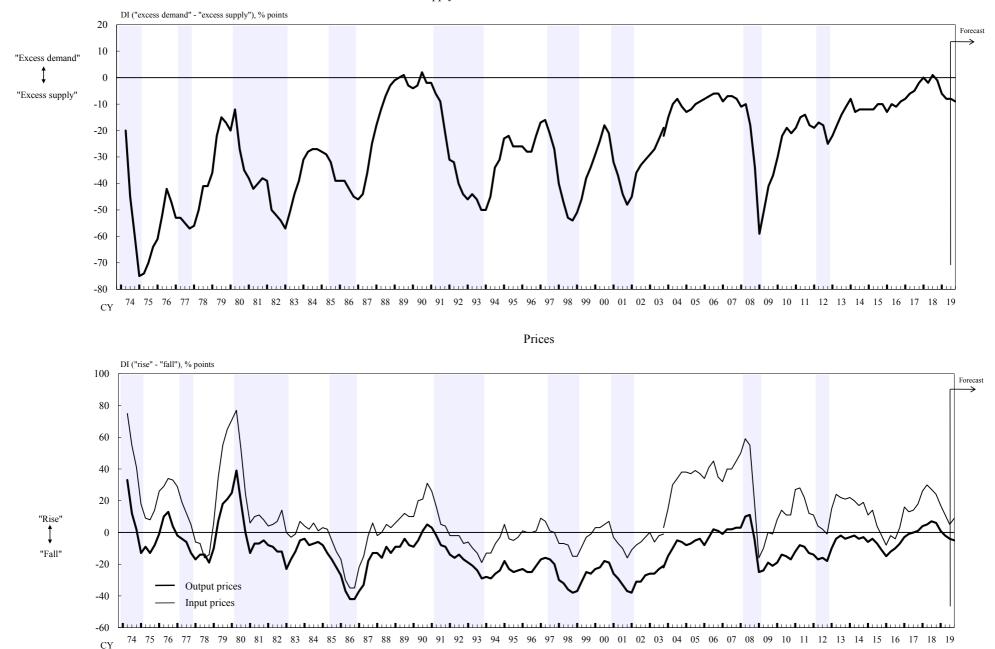
Notes: 1. XX sample enterprises include YY of overlapping sample enterprises with the " I . All Enterprises"

and ZZ of overlapping sample enterprises with "II. Financial institutions, Business consultants & pure holding companies."

 Response rate = The number of enterprises that responded to the question on total sales / the number of sample enterprises \* 100

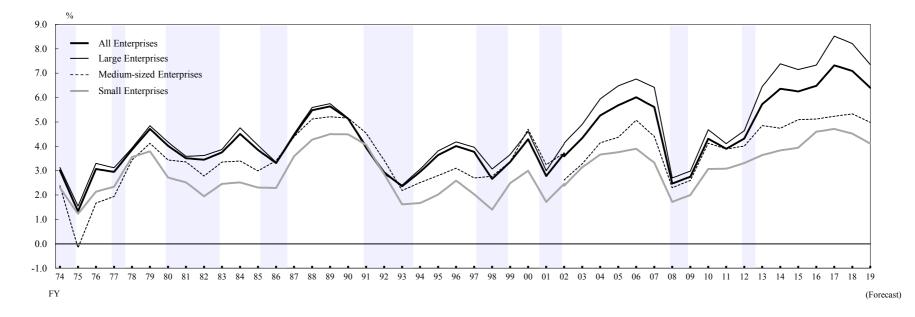


# [Supply and Demand Conditions and Prices (Large Manufacturing Enterprises)]

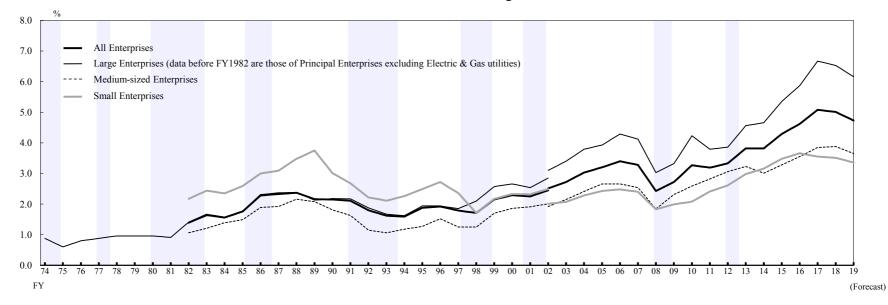


Domestic Supply and Demand Conditions for Products and Services

# Manufacturing



## Nonmanufacturing



[Developments of Fixed Investment including Land Purchasing Expenses]

(1) All Enterprises

Manufacturing

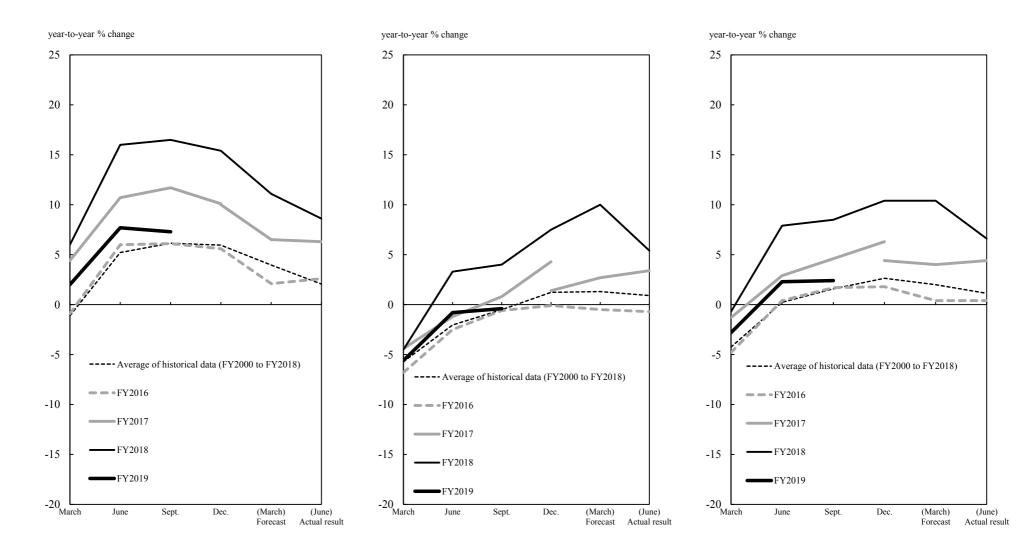
Nonmanufacturing

3. Excludes software and R&D investment.

All industries

Notes: 1. The graphs indicate the revision pattern of fixed investment. The horizontal axis represents the point of time when the survey is conducted for each fiscal year. Namely, the first survey for each year (March survey) is on the left, and the last survey (June survey of the following year; actual result) is on the right. The vertical axis represents the year-to-year percent change.

2. There is a discontinuity in the data in December 2017 due to the regular revision of the sample enterprises.

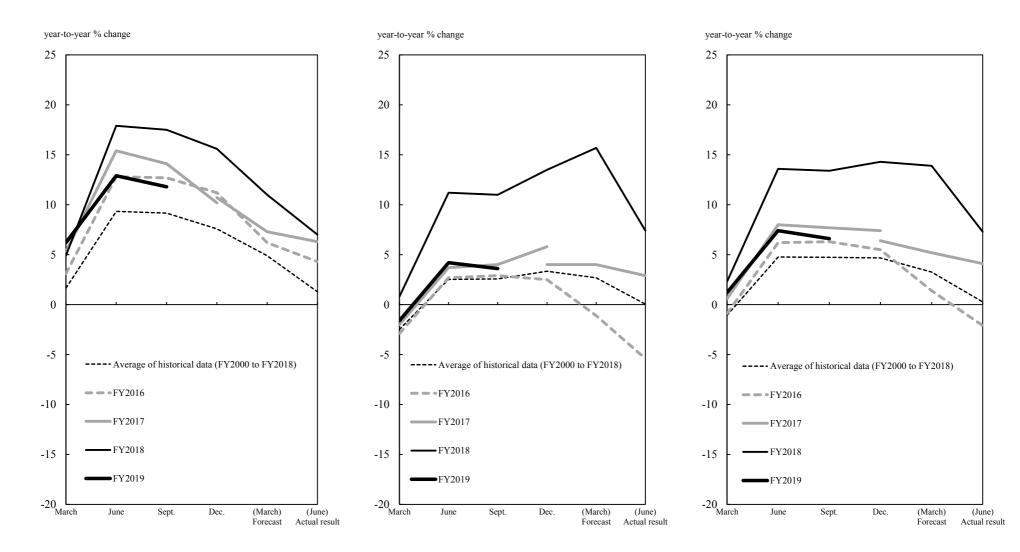


# (2) Large Enterprises

Manufacturing

Nonmanufacturing

All industries

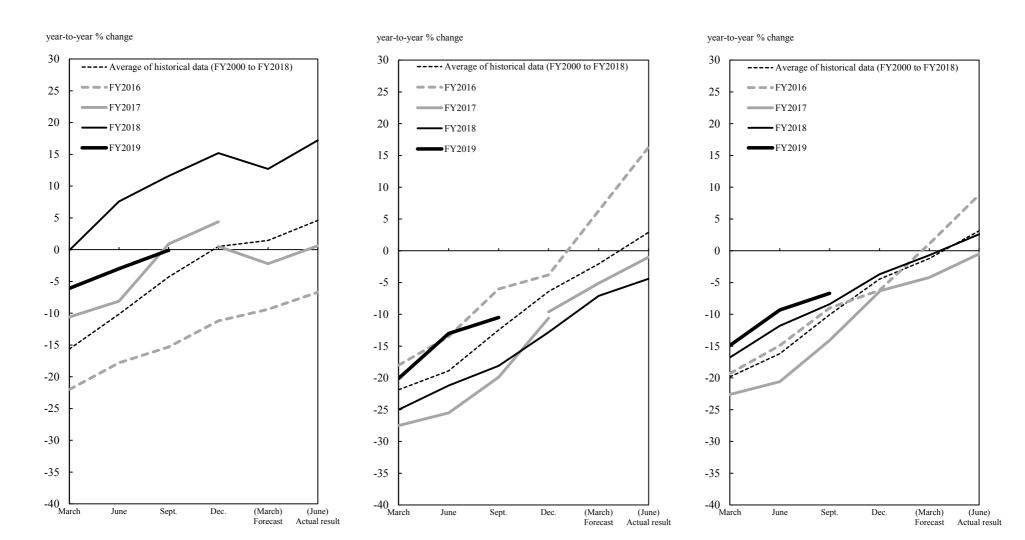


# (3) Small Enterprises

Manufacturing

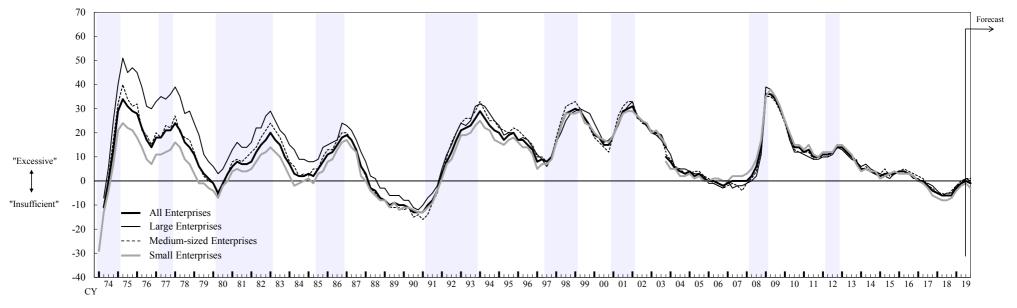
## Nonmanufacturing

All industries

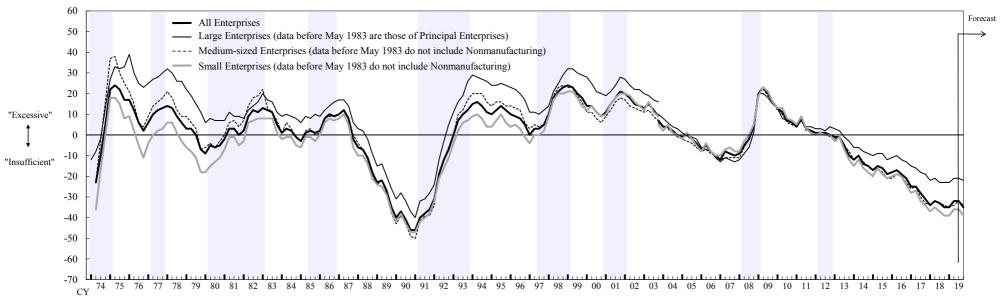


# [Production Capacity (Manufacturing)]

DI ("excessive capacity" - "insufficient capacity"), % points



[Employment Conditions (All industries)]



DI ("excessive employment" - "insufficient employment"), % points

## [Corporate Finance (All industries)]



