TDB Trends Research

Research & Summary for June 2018

Domestic economy is weak and has worsened for three months in a row

- *Greater uncertainty due to expanding trade friction* - (Companies researched: 23,149; Valid responses: 9,694; Response rate: 41.9 %; Survey start date: May 2002)

Overview of June 2018: Economy continues at a standstill

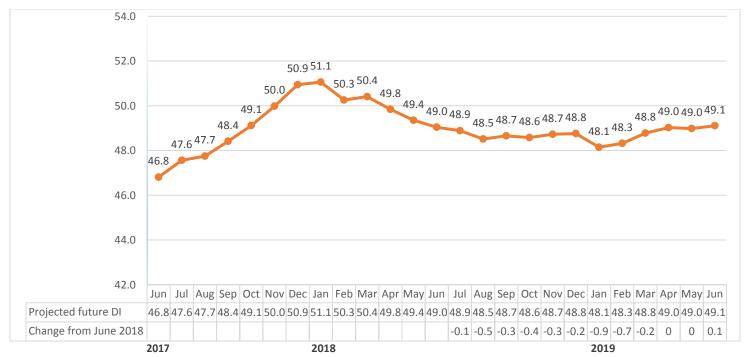
The economic diffusion index (DI) in June 2018 was 49.0, down 0.4 points from the previous month, and worsened for the third consecutive month. The domestic economy has weakened as a result of an increase in the cost burden resulting from the high price of crude oil, amid greater uncertainty due to expanding trade friction in the domestic economy.

Future outlook: Possibility of change in expansion trend

While exports and capital investments are expected to continue to be strong, it is necessary to observe carefully the possibility of overseas risks, such as intensified trade friction holding down the domestic economy

- B By industry: The "Manufacturing" industry worsened for the fifth month in a row, due to the burden caused by a rise in raw material prices.
- By size: All of "large enterprises," "SMEs" and "small enterprises" took a downturn for the first time in two months.

By region: Eight of the ten regions worsened, and business confidence for some regions was held down due to consequences of the earthquake.



^{*}Economic DIs are calculated based on the structural ARIMA model, in which economic statistics are incorporated to the ARIMA model.

Economic Diffusion Index (Economic DI) 1/2

	Jun. 17		Aug. 17				Dec. 17	Jan. 18	Feb. 18	Mar. 18	Apr. 18	May. 18	Jun. 18	Ratio to the PrFDious Month
Large Firms	49.8	50.3	50.5	51.3	51.6	52.1	53.0	53.2	52.2	52.5	52.2	51.6	51.3	▲ 0.3
Small to Medium-sized Firms	46.0	46.8	47.0	47.7	48.5	49.4	50.4	50.5	49.8	49.9	49.3	48.8	48.5	▲ 0.3
Micro Firms	44.4	45.6	45.7	46.7	47.6	48.7	49.8	49.6	49.0	49.2	48.1	48.1	47.6	▲ 0.5
Total	46.8	47.6	47.7	48.4	49.1	50.0	50.9	51.1	50.3	50.4	49.8	49.4	49.0	▲ 0.4

	Jun. 17	Jul. 17	Aug. 17	Sep. 17	Oct. 17	Nov. 17	Dec. 17	Jan. 18	Feb. 18	Mar. 18	Apr. 18	May. 18	Jun. 18	Ratio to the PrFDious Month
Agriculture,Forestry,Fisheries	45.3	44.9	44.5	45.6	47.5	46.7	49.2	47.1	45.5	44.4	43.5	44.2	43.3	▲ 0.9
Finance	46.3	47.2	46.8	48.0	47.9	49.0	48.9	49.6	48.0	50.3	49.4	47.8	47.2	▲ 0.6
Construction	49.5	50.4	50.7	51.7	52.7	53.7	54.2	54.0	53.4	52.9	51.4	51.8	51.9	0.1
Real Estate	49.4	49.6	49.3	49.9	50.9	50.3	51.3	52.3	52.1	53.1	50.9	51.0	51.1	0.1
	43.5	43.5	42.9	43.0	42.8	42.9	44.8	44.0	43.2	41.9	42.9	43.4	43.2	▲ 0.2
	37.8	37.9	38.4	37.7	38.6	39.6	42.0	39.1	41.3	42.4	42.4	42.7	42.8	0.1
	43.4	45.3	45.9	45.6	47.0	46.8	48.0	46.8	46.2	46.3	45.7	45.8	45.9	0.1
	43.4	43.8	41.9	44.4	46.6	45.6	48.7	46.6	44.1	45.8	46.3	43.1	45.2	2.1
	35.1	34.2	34.6	36.4	35.7	35.4	35.8	36.4	37.4	37.1	36.2	36.3	33.7	▲ 2.6
Manufacturing	50.2	51.4	50.5	51.8	52.5	53.3	54.1	53.9	53.2	53.8	52.3	51.8	51.6	▲ 0.2
	49.6	51.1	51.6	53.0	54.3	56.6	56.3	57.6	55.6	55.6	53.7	53.5	53.3	▲ 0.2
	54.8	56.5	56.2	57.2	59.3	59.3	60.8	62.4	62.0	61.2	60.9	60.6	60.3	▲ 0.3
	49.7	50.3	51.5	52.2	53.7	54.5	55.7	56.9	56.5	54.8	54.9	53.4	53.4	0.0
	52.7	52.2	54.7	54.8	54.2	58.6	56.9	57.9	56.6	59.8	57.6	58.4	57.3	▲ 1.1
	51.5	50.4	51.8	51.5	53.2	55.1	54.7	57.4	56.2	54.8	57.5	56.6	57.2	0.6
	38.5	40.3	39.7	41.6	39.6	40.9	42.6	43.4	43.1	43.8	43.2	44.3	42.5	▲ 1.8
	47.5	48.5	48.6	49.4	50.3	51.2	52.1	52.6	51.9	51.6	51.0	50.8	50.4	▲ 0.4
	41.8	42.2	41.3	41.6	41.1	42.4	43.5	42.9	42.1	43.0	42.9	42.8	42.4	▲ 0.4
	35.0	34.3	34.2	35.3	35.4	36.1	37.4	37.2	35.5	37.2	37.2	36.8	37.3	0.5
	42.8	43.0	43.8	44.0	44.2	45.1	46.7	46.2	44.9	44.7	45.0	43.3	44.4	1.1
Wholesale	38.4	37.4	35.7	38.8	38.4	38.9	38.4	37.6	34.9	36.8	38.0	37.5	36.2	▲ 1.3
	45.3	46.5	47.2	47.5	48.1	48.6	50.7	49.7	49.0	49.1	49.1	49.1	46.8	▲ 2.3
	51.8	49.5	55.4	52.4	51.6	57.8	58.3	56.2	51.0	51.9	49.5	46.6	50.6	4.0
	43.1	45.1	45.6	46.2	49.5	50.5	52.3	53.1	51.9	50.8	49.7	48.2	47.8	▲ 0.4
	46.6	48.0	48.2	48.5	49.3	50.9	52.1	52.3	51.4	51.8	51.1	50.6	50.0	▲ 0.6
	41.4	42.1	41.3	42.0	42.0	42.7	43.7	43.9	42.8	43.8	45.4	43.4	43.3	▲ 0.1
	43.4	44.2	44.3	44.8	45.5	46.5	47.9	47.8	46.6	47.1	47.0	46.1	45.7	▲ 0.4

Economic Diffusion Index (Economic DI)2/2

Leonomic Birasion	Jun. 17	Jul. 17					Dec. 17	Jan. 18	Feb. 18	Mar. 18	Apr. 18	May. 18	Jun. 18	Ratio to the PrFDious Month
	42.9	41.1	44.3	44.4	42.1	45.2	45.3	44.1	45.6	46.1	47.4	45.7	45.2	▲ 0.5
	34.4	34.6	35.1	34.4	37.5	32.7	35.6	41.0	38.2	37.3	38.9	36.7	32.1	▲ 4.6
	44.4	43.8	46.8	44.2	44.9	46.2	44.4	46.4	45.7	47.2	44.9	47.1	42.9	▲ 4.2
	40.7	39.6	37.5	41.7	40.9	45.0	40.7	43.9	35.2	35.0	36.7	35.2	38.3	3.1
Retail	41.9	41.7	44.6	40.2	43.9	43.9	47.7	41.9	40.4	45.7	46.5	40.2	41.9	1.7
	44.4	44.4	45.5	46.2	45.3	45.6	44.2	49.2	47.8	48.3	48.2	43.5	42.9	▲ 0.6
	39.8	39.7	39.8	39.7	39.6	38.8	41.5	41.9	42.5	42.9	41.0	39.7	39.7	0.0
	48.7	46.5	45.8	45.7	46.3	45.7	46.4	46.9	46.0	47.5	49.6	44.1	44.2	0.1
	41.7	38.9	44.4	46.7	46.7	43.3	50.0	50.0	43.3	41.7	36.1	41.7	33.3	▲ 8.4
	42.1	41.5	42.7	42.2	42.4	42.4	43.4	44.3	43.8	44.8	44.6	42.0	41.3	▲ 0.7
Transportation, Warehousing	45.7	47.7	48.4	49.0	49.9	50.7	52.5	50.7	49.6	50.5	50.0	49.3	48.7	▲ 0.6
	43.0	43.9	41.9	45.2	45.1	42.9	44.9	45.2	43.6	44.2	44.7	45.0	42.5	▲ 2.5
	56.9	55.6	54.2	59.1	54.5	57.7	56.4	56.1	59.1	57.7	56.9	50.0	54.5	4.5
	57.1	52.4	52.8	57.1	58.3	59.5	54.2	60.4	58.3	61.1	54.2	56.3	57.4	1.1
	50.0	50.6	49.7	52.0	54.2	54.9	55.9	56.9	56.0	56.0	55.2	51.5	52.9	1.4
	47.9	46.9	47.4	41.7	43.6	51.9	48.0	46.9	48.7	52.0	51.7	50.6	50.0	▲ 0.6
	40.8	40.1	38.3	40.0	39.1	39.0	42.2	41.7	42.2	42.5	41.5	39.5	40.9	1.4
	42.9	46.2	47.2	47.2	46.2	44.4	47.6	47.6	47.4	47.0	39.7	37.2	40.3	3.1
Service	49.7	50.2	51.4	51.3	50.3	51.6	50.3	51.5	50.7	51.1	49.9	50.2	48.5	▲ 1.7
	40.6	41.0	41.9	40.5	43.6	41.8	41.5	46.1	42.3	43.4	44.2	43.0	40.2	▲ 2.8
	55.7	56.6	56.1	57.2	57.9	57.6	58.4	59.4	58.8	58.6	59.4	58.4	58.8	0.4
	54.8	54.8	58.6	57.5	58.2	59.0	57.9	58.6	56.5	57.9	57.8	59.0	59.1	0.1
	52.3	52.6	53.4	53.2	53.3	53.2	55.5	53.4	53.1	54.3	53.6	53.7	54.6	0.9
	48.3	45.2	46.1	47.4	44.1	47.9	48.3	47.6	48.6	48.1	48.8	48.0	46.8	▲ 1.2
	42.1	42.5	42.5	41.7	41.0	40.5	42.4	45.1	41.7	44.2	42.4	42.8	40.6	▲ 2.2
	50.8	50.2	50.5	50.7	50.6	53.9	52.6	51.6	51.3	51.8	50.7	50.8	50.0	▲ 0.8
	50.7	50.9	51.1	51.5	51.8	52.5	53.0	53.4	52.7	53.1	52.8	52.1	52.0	▲ 0.1
Other	42.2	41.7	42.4	43.6	43.3	47.9	48.2	47.8	47.9	50.8	49.2	50.0	46.3	▲ 3.7
	Jun. 17	Jul. 17	Aug. 17	Sep. 17	Oct. 17	Nov. 17	Dec. 17	Jan. 18	Feb. 18	Mar. 18	Apr. 18	May. 18	Jun. 18	Ratio to the PrFDious Month
Hokkaido	45.7	48.4	48.8	48.6	48.6	48.6	48.4	47.8	45.7	46.6	46.2	45.8	46.5	0.7
Tohoku	45.4	45.7	45.4	45.9	45.9	47.2	47.9	46.9	46.1	46.4	45.7	45.0	44.2	▲ 0.8
kitakanto	47.0	48.3	47.8	49.1	50.2	51.2	52.9	52.3	51.7	51.4	50.7	49.8	49.4	▲ 0.4
minamikanto	47.7	48.2	48.2	49.1	49.7	50.5	51.3	51.8	51.0	51.5	50.7	50.3	50.2	▲ 0.1
Hokuriku	45.9	47.5	48.0	48.8	49.3	49.0	49.9	49.7	47.7	48.5	48.7	48.5	48.7	0.2
Tokai	47.3	48.1	48.8	49.2	50.0	51.2	52.5	52.6	52.5	52.3	51.9	51.9	50.9	▲ 1.0
Kinki	44.9	45.6	46.1	46.7	48.0	49.0	50.8	51.1	50.3	50.0	49.7	48.8	48.4	▲ 0.4
Chugoku	46.5	47.0	47.7	47.8	48.6	50.1	50.6	50.8	50.1	49.6	48.7	48.7	47.9	▲ 0.8
Shikoku	47.0	47.0	46.8	48.5	48.2	48.5	49.0	49.4	48.5	48.4	48.2	47.8	47.2	▲ 0.6
Kyushu	48.9	49.4	49.4	49.9	50.5	51.3	51.7	51.7	51.8	51.7	51.4	50.4	49.8	▲ 0.6

Appendix

1.Region

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Hokkaido	505	Tokai	1,080
Tohoku	636	Kinki	1,506
kitaKanto	698	Chugoku	535
minamikanto	3,165	Shikoku	292
Hokuriku	556	Kyushu	721
		Total	9,694

2.Industry (10 Industries 51 Lines of business)

Agriculture,For	estry,Fisheries	52
Finance		117
Construction		1,437
Real Estate		290
	Food, Beverages, Livestock Feed	307
	Textile,Textile Products,Clothing	104
	Construction Materials, Furniture, Ceramics, Stone and Clay Products	214
	Pulp, Paper and Paper Products	98
	Publishing,Printing	173
Manufacturing	Chemical .	385
3,223	Steel, Nonferrous Metals, Mining	477
	General Machinery	420
	Electrical Machinery	307
	Transportation Machinery, Equipment	94
	Precision Machinery,Medical Instruments and Equipment	69
	Others	84
	Food, Beverages	338
	Textile,Textile Products,Clothing	167
	Construction Materials, Furniture, Ceramics, Stone and Clay Products	315
Wholesale	Paper Products,Stationery,Books	100
3,959	Chemical	262
	Recycled Resources	30
	Steel,Nonferrous Metals,Mining Products	297
	Machinery, Equipment	862
	Others	333

Total								
Others								
	Others	154						
	Education	28						
	Medical,Welfare,Public Health	94						
	Special Services	239						
	Labor Dispatching	53						
	Information	410						
	Advertising	107						
1,384	Maintenance,Guarding,Testing	145						
Service	Broadcasting	12						
	Recreation	55						
	Lodging, Hotels	27						
	Leasing,Rentals	114						
	Electricity, Gas, Water, Heat	9						
	Telecommunications	11						
	Restaurants	421						
Transportation	Fransportation, Warehousing							
	Others	7						
	Various Merchandise	46						
	Special Merchandise	130						
	Motor Vehicles, Motor Vehicle Parts	68						
480	Electrical Household Appliances, Information Machinery and Equipment	39						
Retail	Furniture	21						
	Drugs,Sundries							
	Textile,Textile Products,Clothing	26						

3.Size

Large Firms	1,954	20.2%
Small to Medium-sized Firms	7,740	79.8%
micro Firms	2,566	26.5%
Total	9,694	100.0%