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## Japan's Economic Outlook No. 192 Update (Summary)

## Trump's Administration Takes Shape: So What next? In this report we examine The Great Rotation, and work style reforms

Japan to see real GDP growth of +1.4% in FY16, +1.4% in FY17, and +1.1% in FY18, with nominal GDP growth of +1.4% in FY16, +1.7% in FY17, and +1.8% in FY18.

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## **Summary**

- Japan's economy moves toward balanced growth: In light of the 2<sup>nd</sup> preliminary Oct-Dec 2016 GDP release (Cabinet Office) we have revised our economic growth outlook. We now forecast real GDP growth of +1.4% in comparison with the previous year for FY16 (+1.3% in the previous forecast), +1.4% in comparison with the previous year for FY17 (+1.3% in the previous forecast), and +1.1% in comparison with the previous year for FY18 (+1.1% in the previous forecast). Japan's economy is expected to shift into a path of balanced growth in the future due to the following factors: (1) a comeback for exports, (2) progress in inventory adjustment, and (3) a recovery in domestic demand supported by a steady undertone in consumption and capex.
- Real GDP growth rate revised upwards in comparison to 1<sup>st</sup> preliminary report, but falls below market consensus: The real GDP growth rate for Oct-Dec 2016 (2<sup>nd</sup> preliminary est) was revised upwards to +1.2% q/q annualized (+0.3% q/q) in comparison to the 1<sup>st</sup> preliminary report (+1.0% q/q annualized and +0.2% q/q), while at the same time falling below market consensus (+1.6% q/q annualized and +0.4% q/q).

Though revised figures did not reach the level of market consensus, the main cause is considered to be advances achieved in inventory adjustment, and hence should not be cause for excessive pessimism. With an upward revision centering on capex, the most important development of note is the Japanese economy's gradual shift to more balanced growth, driven by both domestic and overseas demand rather than by overseas demand alone. Our main



scenario for Japan's economy is reconfirmed by these results, which show the economy to be heading for a comeback after having been in a temporary lull.

• Upward revision of private sector capex brings upward pressure on overall results: Major revisions in comparison to the 1<sup>st</sup> preliminary report in terms of performance by demand component are as follows: fluctuations in private sector inventory, private sector housing investment, and public investment were all revised downwards, while private sector corporate capital investment and private sector consumption were revised upwards, bringing upward pressure on overall results.

Private final consumption expenditure was up just a tad reflecting December fundamental statistics to +0.0% q/q (-0.0% on the 1<sup>st</sup> preliminary). Durable goods continued their strong performance, while semi-durables declined by a bit less than previously. Services expanded though extent of growth was small, and non-durables increased the extent of their decline.

Private-sector capital investment was revised upwards in response to corporate statistics to +2.0% q/q (+0.9% on the 1<sup>st</sup> preliminary). Gross fixed capital formation by category sees major growth in transport equipment, but momentum is gradually slowing. Other machinery and equipment, as well as intellectual property products were up and down, but managed in the end to record gains. On the other hand, housing investment and other buildings and structures, which had continued in a growth trend until the middle of 2016, shifted into decline though by a small amount.

Inventory investment was revised downwards to -0.2% q/q (-0.1% on the 1<sup>st</sup> preliminary). Looking at contribution to GDP by category we see that while there were upward revisions for raw materials inventory and finished goods inventory, work in progress inventory was revised downwards, bringing down overall performance along with it. Public investment was revised downwards reflecting the latest developments to -2.5% q/q (-1.8% on the 1<sup>st</sup> preliminary). There were no revisions to performance of imports and exports. While there were slight downward revisions for housing investment and government consumption, there was not much influence on the overall GDP figure.

Overseas demand the driving force, but domestic gradually increases contribution to overall GDP: Performance by demand component in the Oct-Dec 2016 2<sup>nd</sup> preliminary results shows private sector final consumption expenditure achieving growth, though small, for the fourth consecutive quarter at +0.0% q/q (-0.0% on the 1<sup>st</sup> preliminary). Prices rose for energy and fresh foods bringing downward pressure on durables and semi-durables, but the replacement cycle for durables which has been ongoing since the beginning of FY2016 provided an extra wind.

Housing investment achieved growth, though small, for the fourth consecutive quarter at +0.1% q/q (+0.2% on the 1<sup>st</sup> preliminary). Housing investment has maintained its growth trend up to this point as a result of lower interest rates on housing loans, growth in rental property construction as an inheritance tax strategy, and last-minute demand which developed on the assumption that the consumption tax would again be increased in April of 2017. However, there are recently signs of peaking out as the effects of last minute demand begin to dwindle.



Capital expenditure on the part of private sector corporations is maintaining a firm undertone despite ups and downs at +2.0% q/q (+0.9% on the 1<sup>st</sup> preliminary). Corporate earnings remain at a high level, and this has pushed up capital expenditure, especially in labor-saving and rationalization due to the continuing labor shortage. In addition, there has been growth in demand for construction as non-manufacturers focus on distribution facilities and warehouses, bringing a positive contribution to capex spending.

Private sector inventory declined for the second consecutive quarter at -0.2%pt q/q (-0.1%pt on the 1<sup>st</sup> preliminary), making a negative contribution to GDP. Overall, inventory adjustment I progressing, but distribution inventory made a major negative contribution, thereby pulling down overall results.

Public investment declined for the second consecutive quarter at -2.5% q/q (-1.8% on the 1<sup>st</sup> preliminary). The positive effects of past stimulus packages are now falling away, and this is seen as having brought a negative contribution to GDP. Government consumption was up by +0.3% (+0.4% on the 1<sup>st</sup> preliminary). When averaged out this constitutes a continuation of the growth trend.

Exports grew for the second consecutive quarter at +2.6% q/q (+2.6% on the 1<sup>st</sup> preliminary). Exports of various goods were favorable, especially to Asia, but the US and EU as well. Exports of automobiles to the US maintained a steady undertone, while exports of transport equipment to Asia, including passenger vehicles, buses and trucks were also favorable, in addition to exports of ICs. Meanwhile, imports achieved growth for the first time in five quarters at +1.3% q/q (+1.3% on the 1<sup>st</sup> preliminary). As a result, contribution of overseas demand to GDP increased by +0.2%pt q/q, bringing a positive contribution to GDP for the second consecutive quarter.

• Moderate recovery expected for Japan's economy, but risk of possible downturn remains: We expect Japan's economy to continue in a moderate expansion phase. However, caution is required even as overseas demand continues its gradual expansion. If the world economy becomes more uncertain in the future, this could cause domestic demand to stagnate, and to become a negative factor bringing downward pressure on Japan's overall economy. A further risk is the expectation that the US Fed will increase interest rates, causing a slowdown in the US economy or capital outflow from the emerging nations. Meanwhile, the future of the world economy could become increasingly uncertain if US trade policy becomes more protectionist oriented. These are all risk factors which could bring negative pressure on Japan's economic growth, which is driven by overseas demand.

Personal consumption is expected to continue in a moderate expansion phase. The supply of labor remains tight, and this should provide underlying support for personal consumption through growth in employee compensation. However, the one worrisome point is that the CPI has been on the rise since last October due to rising prices of fresh foods. Meanwhile, the government is encouraging corporations to increase base salary rates during the annual spring labor offensive in 2017. However, many corporations, which are becoming worried about future business performance, are taking the stance that they will raise annual salaries but not monthly wages. Keeping in mind the influence of prices, if real wages begin to stagnate, households will likely tighten the purse strings.



Meanwhile, housing investment is expected to gradually slow down. Interest on housing loans remains low, and therefore should provide continued underlying support. However, housing starts, which had rapidly expanded with the expectation that there would be a rush to purchase homes before the additional increase in consumption tax originally planned for April 2017, are expected to decrease in the future, especially for condominiums, and housing investment is also expected to begin declining after that point.

Capex is expected to see gradual growth. The supply of labor continues to be tight, and this should provide underlying support for investment in labor-saving and rationalization due to the continuing labor shortage in the non-manufacturing industries. Meanwhile, research & development expenses, which were to be recorded after the Jul-Sep period 2<sup>nd</sup> preliminary report, should also be a factor pushing up capex spending. However, it is important to be aware that although corporate earnings remain at a high level, this is due merely to the decline in input cost and not growth in volume. A more substantial increase in capex spending would be dependent on an increase in operating rate, and this can come only from the expansion of overseas demand.

Public investment is expected to move toward a comeback as we approach the fiscal year-end. The government's second supplementary budget, which includes economic policy measures, should gradually provide more upward pressure for public investment.

As for exports, with overseas economies continuing moderate growth, we can expect exports to maintain a firm undertone, centering on consumer goods. Looking at exports of goods by region, consumer goods are expected to maintain a strong undertone in the US, EU, and Asia backed by improvements in employment environment, the effects of monetary easing, and favorable personal consumption in all regions. However, if the US becomes extremely protectionist in its trade policy, it could cause world trade to stagnate. We expect this to remain as a mid to long-term risk factor. If trade friction with the US comes to the surface, Japan's export industries, especially the automobile industry, would likely take a serious hit.

- Issue (1): Trump's Administration Takes Shape: So What next?: The Trump administration was formed in January 2017 and immediately began testing the waters in three areas as follows (1) shifting to protectionist policies in trade, (2) immigration policy, and (3) currency strategy. Our conclusions regarding the possible effects of Trump's policy focus on the following three points. First, if the only big change the US makes in policy is to withdraw from NAFTA, there would be only minor effects on Japan's economy. But if adjustments are made to the border tax, this could cause Japan's real GDP to decline as much as -0.4%. Secondly, if two or three million illegal immigrants are forcibly returned to their countries of origin, a decline in worker population in the US would result, creating the risk of a decline in US potential GDP anywhere from -0.7% to -1.1%. Thirdly, though there is a very good possibility that the dollar will remain strong for the short-term, in the mid to long-term, President Trump could go all the way with a weak dollar policy once fears of inflation subside.
- Issue (2): Will The Great Rotation continue?: Currently, global money flows are shifting from bonds to stocks. This is known as The Great Rotation. This is due to the long-term interest rate hikes which the FRB began in December of 2015. Another reason that stock prices have been on the way up is that the global economy has recently been continuing its recovery. The general understanding of economists is that The Great Rotation ends when the



economy declines and the stock market enters an adjustment phase. In our considerations regarding whether or not The Great Rotation will continue, we examine three major judgment criteria (merkmal). These are (1) Whether the growth rate of the global economy will be revised upwards, (2) Whether the price of copper is expected to rise, and (3) Whether the US currency authorities adopt a weak dollar policy.

- Issue (3): Why reforms in work style are important for Japan's economic revival: While it is of course important to consider the external threat of Trump's policies to Japan's economy, we must also take a good look at domestic issues, including the structural issue of the long-term slowdown of Japan's potential growth rate which is also effecting the domestic economy. Japan is now in an era of population decline which brings with it the question of how to increase the latent growth rate. To do so, the important issue is that women and the elderly must be encouraged to work through labor reform, or more precisely reforms in work style. Japan is still very much behind when compared to the progress which has been made in Europe where labor participation by women has been taking place quite actively. There is still a lot of room in Japan for more labor participation by women. If all barriers to women working, such as child-rearing and care for the elderly are removed, we estimate that more than one million women would then be able to enter the work force.
- Risk factors facing Japan's economy: focus on trends in China's economy: Risk factors for the Japanese economy are: (1) The policies of President Donald Trump, (2) The downward swing of China's economy, (3) Tumult in the economies of emerging nations in response to the US exit strategy, (4) Risk-off behavior of investors due to geopolitical risk and country risk, and (5) Negotiations regarding the UK's withdrawal from the EU (Brexit), and deleveraging at EU financial institutions.
- **BOJ's monetary policy:** We expect the BOJ to maintain current monetary policy for the time being. Considering the policy introduced in September 2016 to permanently battle deflation, the issue is expected to be creating a more flexible inflation target.

## **Our assumptions**

- Public works spending is expected to decrease by -1.3% in FY16, and then increase by +4.6% in FY17. Another decrease is seen in FY18 at -1.5%.
- Average exchange rate of Y108.5/\$ in FY16, Y113.9/\$ in FY17, and Y113.9/\$ in FY18.
- US real GDP growth of +1.6% in CY16, +2.3% in CY17, and +2.6% in CY18.



	FY16	FY17	FY18	CY16	CY17	CY18
	(Estimate)	(Estimate)	(Estimate)		(Estimate)	(Estimate
Main economic indicators						
Nominal GDP (y/y %)	1.4	1.7	1.8	1.3	1.7	1.
Real GDP (chained [2011]; y/y %)	1.4	1.4	1.1	1.0	1.6	1.
Domestic demand (contribution, % pt)	0.8	1.2	1.1	0.5	1.2	1
Foreign demand (contribution, % pt)	0.6	0.2	0.0	0.5	0.4	0
GDP deflator (y/y %)	-0.0	0.3	0.6	0.3	0.1	0
Index of All-industry Activity (y/y %)*	0.9	1.4	1.4	0.6	1.4	1
Index of Industrial Production (y/y %)	1.4	3.2	2.0	-0.2	3.6	2
Index of Tertiary Industry Activity (y/y %)	0.6	1.0	1.2	0.7	0.9	1
Corporate Goods Price Index (y/y %)	-2.7	2.0	2.6	-3.5	1.2	3
Consumer Price Index (excl. fresh food; y/y %)	-0.2	0.9	0.7	-0.3	0.7	C
Unemployment rate (%)	3.1	3.0	3.0	3.1	3.0	3
Onemployment rate (76)	3.1	5.0	0.0	5.1	5.0	
Government bond yield (10 year; %)	-0.06	0.00	0.00	-0.07	0.00	0.0
Money stock; M2 (end-period; y/y %)	3.6	3.9	3.9	3.5	3.9	3
Balance of payments						
Trade balance (Y tril)	6.0	5.4	5.5	5.6	5.6	5
Current balance (\$100 mil)	1,855	1,708	1,812	1,897	1,712	1,7
Current balance (Y tril)	20.3	19.6	20.8	20.6	19.5	20
(% of nominal GDP)	3.8	3.6	3.7	3.8	3.6	
(Chained [2011]; y/y %; figures in parentheses: o		0.7 ( 0.4)	09/05\	0.4 ( 0.2 )		
•	0.6 ( 0.4) 6.2 ( 0.2) 2.5 ( 0.4) 0.7 ( 0.1) -0.6 (-0.0) 2.6 ( 0.4) -1.2 ( 0.2)	0.7 ( 0.4) 0.2 ( 0.0) 2.1 ( 0.3) 0.8 ( 0.2) 3.9 ( 0.2) 3.9 ( 0.6) 2.4 (-0.4)	0.9 ( 0.5) 2.7 ( 0.1) 2.2 ( 0.3) 0.8 ( 0.2) -1.7 (-0.1) 2.3 ( 0.4) 2.1 (-0.4)	0.4 ( 0.2) 5.6 ( 0.2) 1.4 ( 0.2) 1.5 ( 0.3) -3.0 (-0.2) 1.2 ( 0.2) -1.7 ( 0.3)	0.7 ( 0.4) 1.5 ( 0.0) 2.6 ( 0.4) 0.5 ( 0.1) 5.7 ( 0.3) 4.2 ( 0.7) 1.8 (-0.3)	0.8 ( 0.5) 1.6 ( 0.0) 1.9 ( 0.3) 0.8 ( 0.2) -1.9 (-0.1) 2.6 ( 0.4) 2.2 (-0.3)
(Chained [2011]; y/y %; figures in parentheses: of Private final consumption Private housing investment Private fixed investment Government final consumption Public fixed investment Exports of goods and services Imports of goods and services	0.6 ( 0.4) 6.2 ( 0.2) 2.5 ( 0.4) 0.7 ( 0.1) -0.6 (-0.0) 2.6 ( 0.4)	0.2 ( 0.0) 2.1 ( 0.3) 0.8 ( 0.2) 3.9 ( 0.2) 3.9 ( 0.6)	2.7 ( 0.1) 2.2 ( 0.3) 0.8 ( 0.2) -1.7 (-0.1) 2.3 ( 0.4)	5.6 ( 0.2) 1.4 ( 0.2) 1.5 ( 0.3) -3.0 (-0.2) 1.2 ( 0.2)	0.7 ( 0.4) 1.5 ( 0.0) 2.6 ( 0.4) 0.5 ( 0.1) 5.7 ( 0.3) 4.2 ( 0.7)	0.8 ( 0.5) 1.6 ( 0.0) 1.9 ( 0.3) 0.8 ( 0.2) -1.9 (-0.1) 2.6 ( 0.4)
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Private final consumption Private housing investment Private fixed investment Government final consumption Public fixed investment Exports of goods and services Imports of goods and services  Major assumptions:  1. World economy  Economic growth of major trading partners Crude oil price (WTI futures; \$/bbl)  2. US economy  US real GDP (chained [2009]; y/y %) US Consumer Price Index (y/y %)  3. Japanese economy	0.6 ( 0.4) 6.2 ( 0.2) 2.5 ( 0.4) 0.7 ( 0.1) -0.6 (-0.0) 2.6 ( 0.4) -1.2 ( 0.2) 3.6 48.2	0.2 ( 0.0) 2.1 ( 0.3) 0.8 ( 0.2) 3.9 ( 0.2) 3.9 ( 0.6) 2.4 (-0.4) 3.5 52.9	2.7 (0.1) 2.2 (0.3) 0.8 (0.2) -1.7 (-0.1) 2.3 (0.4) 2.1 (-0.4) 3.5 52.9	5.6 ( 0.2) 1.4 ( 0.2) 1.5 ( 0.3) -3.0 (-0.2) 1.2 ( 0.2) -1.7 ( 0.3) 3.4 43.5	0.7 ( 0.4) 1.5 ( 0.0) 2.6 ( 0.4) 0.5 ( 0.1) 5.7 ( 0.3) 4.2 ( 0.7) 1.8 (-0.3) 3.6 52.9	0.8 ( 0.5) 1.6 ( 0.0) 1.9 ( 0.3) 0.8 ( 0.2) -1.9 (-0.1) 2.6 ( 0.4)

Source: Compiled by DIR.

Note: Due to rounding, actual figures may differ from those released by the government.

\* Excl. agriculture, forestry, and fisheries.

Estimate: DIR estimate.



		urrent outlo			vious outlo Outlook 192			erence betw previous current outle	
	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
Main economic indicators									
Nominal GDP (y/y %)	1.4	1.7	1.8	1.3	1.8	1.6	0.1	-0.1	0.1
Real GDP (chained [2011]; y/y %)	1.4	1.4	1.1	1.3	1.3	1.1	0.1	0.1	-0.0
Domestic demand (contribution, % pt)	0.8	1.2	1.1	0.7	1.1	1.1	0.1	0.1	-0.0
Foreign demand (contribution, % pt)	0.6	0.2	0.0	0.6	0.2	0.0	0.0	0.0	-0.0
GDP deflator (y/y %)	-0.0	0.3	0.6	-0.0	0.5	0.5	0.0	-0.2	0.2
Index of All-industry Activity (y/y %)*	0.9	1.4	1.4	1.0	1.4	1.7	-0.1	0.0	-0.4
Index of Industrial Production (y/y %)	1.4	3.2	2.0	1.6	3.7	2.6	-0.2	-0.5	-0.6
Index of Tertiary Industry Activity (y/y %)	0.6	1.0	1.2	0.7	8.0	1.5	-0.0	0.2	-0.3
Corporate Goods Price Index (y/y %)	-2.7	2.0	2.6	-2.7	2.0	2.6	0.0	0.0	0.0
Consumer Price Index (excl. fresh food; y/y %)	-0.2	0.9	0.7	-0.2	0.9	0.7	0.0	0.0	0.0
Unemployment rate (%)	3.1	3.0	3.0	3.1	3.0	3.0	0.0	0.0	0.0
Government bond yield (10 year; %)	-0.06	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00
Money stock; M2 (end-period; y/y %)	3.6	3.9	3.9	3.6	3.9	3.9	0.0	0.0	0.0
Balance of payments	6.0	5.4	5.5	5.0	5.8	6.2	0.2	-0.4	-0.7
Trade balance (Ytril)		5.4 1,708	5.5 1,812	5.8	5.8 1,823	6.2 1,953	16	-0.4 -114	-0.7 -141
Current balance (\$100 mil)  Current balance (Y tril)	1,855 20.3	1,708	20.8	1,840 20.2	21.1	22.6	0.1	-114 -1.4	-141 -1.8
(% of nominal GDP)	3.8	3.6	3.7	3.8	3.8	4.0	0.0	-0.3	-0.3
De-1 200 community (shained [20141], v/v (V)									
Real GDP components (chained [2011]; y/y %)									
Private final consumption	0.6	0.7	0.9	0.6	8.0	0.9	0.0	-0.1	-0.0
Private housing investment	6.2	0.2	2.7	6.2	0.2	2.7	0.0	-0.0	0.0
Private fixed investment	2.5	2.1	2.2	1.7	1.5	2.2	0.8	0.6	0.0
Government final consumption	0.7	0.8	0.8	0.8	0.9	0.8	-0.1	-0.1	-0.0
Public fixed investment	-0.6	3.9	-1.7	-0.8	3.1	-1.6	0.1	0.8	-0.1
Exports of goods and services Imports of goods and services	2.6 -1.2	3.9 2.4	2.3 2.1	2.6 -1.2	3.9 2.4	2.3	0.0 -0.0	0.0 -0.0	-0.0 -0.0
	-1.2	2.7	۷.۱	-1.2	2.7	۷.۱	-0.0	-0.0	-0.0
Major assumptions:									
1. World economy									
Economic growth of major trading partners	3.6	3.5	3.5	3.5	3.5	3.5	0.1	0.0	-0.0
Crude oil price (WTI futures; \$/bbl)	48.2	52.9	52.9	48.4	53.9	53.9	-0.2	-1.0	-1.0
2. US economy									
US real GDP (chained [2009]; y/y %)	1.8	2.3	2.7	1.8	2.3	2.7	0.0	0.0	-0.0
US Consumer Price Index (y/y %)	1.7	2.7	2.5	1.6	2.4	2.3	0.0	0.3	0.3
3. Japanese economy									
, , , , , , , , , , , , , , , , , , ,									
Nominal public fixed investment (y/y %)  Exchange rate (Y/\$)	-1.3	4.6	-1.5	-1.2	4.5	-0.8	-0.0	0.1	-0.7
3 ( ),	108.5 118.7	113.9 120.4	113.9 120.4	108.5 118.9	114.0 121.0	114.0 121.0	-0.0 -0.2	-0.1 -0.6	-0.1 -0.6
(Y/€)	110.7	120.4	120.4	110.9	121.0	121.0	-0.2	-0.0	-0.0

Source: Compiled by DIR.

Notes: Due to rounding, differences do not necessarily conform to calculations based on figures shown.

\* Excl. agriculture, forestry, and fisheries.



**Quarterly Forecast Tables** 



1.1 Selected Economic Inc	licators											
TIT Solosisa Essileniis ilia											ı	
	2015			2016				2017	F`		C	
	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	2015	2016	2015	2016
								(E)		(E)		
Nominal GDP (SAAR; Ytril)	529.9	532.5	531.4	535.0	536.9	537.6	539.7	543.6	532.1	539.4	530.5	537.3
Q/q %	0.3	0.5	-0.2	0.7	0.4	0.1	0.4	0.7				
Q/q %, SAAR	1.3	2.0	-0.8	2.7	1.4	0.5	1.6	2.9				
Y/y %	3.3	3.9	2.6	1.3	1.3	1.0	1.6	1.6	2.8	1.4	3.3	1.3
Real GDP (chained [2011]; SAAR; Y tril)	516.6	517.4	516.2	518.6	521.4	523.0	524.6	528.1	517.1	524.2	516.6	521.8
Q/q %	-0.0	0.2	-0.2	0.5	0.5	0.3	0.3	0.7				
Q/q %, SAAR	-0.0	0.6	-1.0	1.9	2.2	1.2	1.2	2.8				
Y/v %	1.8	2.1	1.1	0.4	0.9	1.1	1.6	1.9	1.3	1.4	1.2	1.0
Contribution to GDP growth (% pt)								-				
Domestic demand	0.1	0.2	-0.3	0.1	0.6	-0.1	0.1	0.6	1.1	0.8	0.7	0.5
Foreign demand	-0.1	-0.1	0.0	0.3	-0.0	0.4	0.2	0.0	0.2	0.6		0.5
3 1 3												
GDP deflator (y/y %)	1.6	1.8	1.5	0.9	0.4	-0.1	-0.1	-0.2	1.4	-0.0	2.0	0.3
Index of All-Industry Activity (2010=100)	102.5	102.5	102.3	102.3	102.7	103.2	103.5	103.8	102.6	103.4	102.5	103.0
Q/q %; y/y %	-0.1	0.0	-0.2	0.1	0.3	0.6	0.2	0.3	0.9	0.9	0.4	0.6
Index of Industrial Production (2010=100)	98.0	97.0	97.1	96.1	96.3	97.6	99.6	99.9	97.4	98.7	97.8	97.6
Q/q %; y/y %	-1.3	-1.0	0.0	-1.0	0.2	1.4	2.1	0.3	-1.0	1.4	-1.2	-0.2
Index of Tertiary Industry Activity (2010=100)	103.3	103.4	103.3	103.6	103.8	104.1	104.0	104.3	103.5	104.1	103.2	103.9
Q/q %; y/y %	0.2	0.1	-0.1	0.3	0.2	0.3	-0.1	0.3	1.3	0.6	0.9	0.7
Corporate Goods Price Index components (2015-	=100)											
Domestic Company Goods Price Index	100.9	99.9	98.6	97.0	96.4	96.1	96.5	96.7	99.1	96.4	100.0	96.5
Y/y %	-2.3	-3.7	-3.6	-3.7	-4.5	-3.8	-2.1	-0.3	-3.3	-2.7	-2.3	-3.5
CPI (excl. fresh food; 2015=100)	100.2	100.1	100.1	99.5	99.8	99.6	99.8	99.7	100.0	99.7	100.0	99.7
Y/y %	0.2	-0.2	-0.1	-0.1	-0.4	-0.5	-0.3	0.3	-0.0	-0.2	0.5	-0.3
Unemployment rate (%)	3.4	3.4	3.3	3.2	3.2	3.0	3.1	3.0	3.3	3.1	3.4	3.1
Government bond yield (10 year; %)	0.40	0.38	0.29	-0.01	-0.15	-0.12	0.00	0.00	0.26	-0.06	0.35	-0.07
Money stock; M2 (y/y %)	3.9	4.0	3.4	3.2	3.4	3.4	3.9	3.9	3.6	3.6	3.7	3.5
Trade balance (SAAR; Y tril)	-1.8	-1.7	1.6	3.5	4.7	6.0	7.0	6.2	0.5	6.0	-0.6	5.6
Current balance (SAAR; \$100 mil)	1,330	1,296	1,547	1,783	1,795	1,944	1,913	1,770	1,499	1,855	1,356	1,897
Current balance (SAAR; Y tril)	16.1	15.8	18.8	20.6	19.4	19.9	20.9	20.2	18.0	20.3	16.4	20.6
(% of nominal GDP)	3.0	3.0	3.5	3.8	3.6	3.7	3.9	3.7	3.4	3.8	3.1	3.8
Exchange rate (Y/\$)	121.4	122.2	121.5	115.4	108.1	102.4	109.4	113.9	120.1	108.5	121.0	108.8
(Y/Euro)	135.0	135.6	131.5	128.0	120.7	114.7	119.2	120.4	132.5	118.7	133.7	120.6

Source: Compiled by DIR.

E: DIR estimate.

Notes: 1) Quarterly figures (excl. y/y %) seasonally adjusted, other unadjusted.
2) Index of All-Industry Activity Index: excl. agriculture, forestry, and fisheries.
3) Due to rounding, figures may differ from those released by the government.



1.2 Salastad Faanamia Ind	iootoro											
1.2 Selected Economic Ind	icators											
	2017			2018				2019	F'	Y	C,	Υ
	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	2017	2018	2017	2018
	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)
Nominal GDP (SAAR; Ytril)	545.4	547.2	549.9	551.9	554.4	557.1	559.4	562.4	548.6	558.3	546.5	555.7
Q/q %	0.3	0.3	0.5	0.4	0.4	0.5	0.4	0.5				
Q/q %, SAAR	1.4	1.3	1.9	1.5	1.8	2.0	1.7	2.1				
Y/y %	1.6	1.8	1.9	1.5	1.6	1.8	1.7	1.9	1.7	1.8	1.7	1.7
Real GDP (chained [2011]; SAAR; Ytril)	529.8	531.0	532.7	533.8	535.4	537.0	538.4	540.2	531.7	537.7	530.3	536.1
Q/q %	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.3				
Q/q %, SAAR	1.2	0.9	1.3	0.9	1.1	1.3	1.0	1.4				
Y/y %	1.6	1.5	1.5	1.1	1.0	1.1	1.1	1.2	1.4	1.1	1.6	1.1
Contribution to GDP growth (% pt)												
Domestic demand	0.4	0.2	0.3	0.2	0.3	0.3	0.3	0.4	1.2	1.1	1.2	1.0
Foreign demand	-0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.2	0.0	0.4	0.1
GDP deflator (y/y %)	-0.0	0.3	0.3	0.5	0.6	0.6	0.7	0.7	0.3	0.6	0.1	0.6
Index of All-Industry Activity (2010=100)	104.1	104.5	104.9	105.3	105.6	106.0	106.3	106.7	104.9	106.3	104.4	105.9
Q/q %; y/y %	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	1.4	1.4	1.4	1.4
Index of Industrial Production (2010=100)	100.5	101.1	101.8	102.4	102.8	103.3	103.6	104.2	101.9	103.9	101.1	103.3
Q/q %; y/y %	0.5	0.6	0.7	0.5	0.4	0.4	0.4	0.6	3.2	2.0	3.6	2.2
Index of Tertiary Industry Activity (2010=100)	104.6	104.9	105.2	105.5	105.9	106.2	106.5	106.8	105.2	106.4	104.8	106.1
Q/q %; y/y %	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.0	1.2	0.9	1.2
Corporate Goods Price Index components (2015	=100)											
Domestic Company Goods Price Index	97.1	97.9	98.7	99.8	100.5	100.9	101.2	101.2	98.4	101.0	97.6	100.6
Y/y %	8.0	1.8	2.3	3.1	3.4	3.1	2.5	1.5	2.0	2.6	1.2	3.0
CPI (excl. fresh food; 2015=100)	100.4	100.6	100.8	100.6	101.2	101.3	101.5	101.2	100.6	101.3	100.4	101.1
Y/y %	0.6	1.0	1.0	8.0	0.7	0.7	0.7	0.6	0.9	0.7	0.7	0.7
Unemployment rate (%)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Government bond yield (10 year; %)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Money stock; M2 (y/y %)	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Trade balance (SAAR; Y tril)	5.5	5.2	5.4	5.5	5.6	5.6	5.4	5.3	5.4	5.5	5.6	5.5
Current balance (SAAR; \$100 mil)	1,677	1,674	1,727	1,755	1,789	1,815	1,820	1,823	1,708	1,812	1,712	1,795
Current balance (SAAR; Y tril)	19.1	19.1	19.7	20.0	20.4	20.7	20.7	20.8	19.6	20.8	19.5	20.4
(% of nominal GDP)	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.6	3.7	3.6	3.7
Exchange rate (Y/\$)	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9
(Y/Euro)	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4

E: DIR estimate.

Source: Compiled by DIR.

Notes: 1) Quarterly figures (excl. y/y %) seasonally adjusted, other unadjusted.

2) Index of All-Industry Activity Index: excl. agriculture, forestry, and fisheries.

3) Due to rounding, figures may differ from those released by the government.



					N ( + 11)							
2.1 Real Gross Domest	tic Expendit	ure (c	hained	[2011];	Y tril)							
	2015			2016				2017	F`	Y	C,	Y
	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3 (E)	2015	2016 (E)	2015	2016
Gross domestic expenditure	516.6	517.4	516.2	518.6	521.4	523.0	524.6	528.1	517.1	524.2	516.6	521.8
Q/q %, SAAR	-0.0	0.6	-1.0	1.9	2.2	1.2	1.2	2.8				
Y/y %	1.8	2.1	1.1	0.4	0.9	1.1	1.6	1.9	1.3	1.4	1.2	1.0
Domestic demand	522.9	524.2	522.9	523.6	526.6	526.0	526.3	529.7	523.2	527.2	523.0	525.5
Q/q %, SAAR	0.4	1.0	-1.0	0.5	2.3	-0.4	0.2	2.5				
Y/y %	1.5	1.8	1.0	0.2	0.7	0.4	0.6	1.3	1.1	8.0	0.7	0.5
Private demand	392.6	393.7	391.9	391.4	395.3	394.8	395.4	396.8	392.3	395.7	392.6	394.2
Q/q %, SAAR	0.4	1.2	-1.8	-0.6	4.1	-0.6	0.7	1.4				
Y/y %	1.4	2.0	1.2	-0.3	0.7	0.3	1.0	1.5	1.1	0.9	0.6	0.4
Final consumption	294.7	296.2	294.3	295.4	296.1	297.1	297.2	297.7	295.2	297.0	295.2	296.4
Q/q %, SAAR	-1.5	2.1	-2.5	1.5	0.9	1.4	0.2	0.6				
Y/y %	1.0	1.2	-0.1	-0.1	0.4	0.4	1.0	0.7	0.5	0.6	-0.4	0.4
Residential investment	14.9	15.1	15.0	15.2	15.7	16.1	16.1	16.0	15.1	16.0	15.0	15.8
Q/q %, SAAR	4.4	6.2	-3.9	5.9	13.8	10.1	0.5	-2.0				
Y/y %	-3.1	6.1	4.7	3.0	5.4	6.6	7.3	5.5	2.7	6.2	-1.6	5.6
Non-residential investment	79.1	79.6	79.7	79.6	80.7	80.6	82.3	82.5	79.5	81.6	79.6	80.7
Q/q %, SAAR	-4.2	2.7	0.4	-0.7	5.7	-0.4	8.4	1.0		0.5		
Y/y %	1.4	0.9	0.9	-0.4	2.1	0.9	3.4	3.6	0.6	2.5	1.1	1.4
Change in inventories	3.8	2.7	2.9	1.2	2.9	1.0	-0.1	0.7	2.6	1.2	2.8	1.3
Public demand	130.4	130.5	131.0	132.2	131.2	131.2	130.9	132.8	130.9	131.5	130.4	131.3
Q/q %, SAAR	0.7	0.4	1.4	3.7	-2.8	0.0	-1.1	6.0				
Y/y %	1.7	1.1	0.6	1.4	0.9	0.7	-0.3	0.6	1.2	0.4	0.8	0.7
Government final consumption	104.3	104.8	105.5	106.9	105.8	106.0	106.3	106.5	105.3	106.1	104.6	106.2
Q/q %, SAAR	0.4	1.8	2.9	5.5	-4.2	1.0	1.0	0.6	0.0	0.7	4.0	
Y/y %	1.7	1.6	2.2	2.7	1.4	1.2	0.7	-0.5	2.0	0.7	1.6	1.5
Fixed investment	26.1	25.8	25.5	25.2	25.4	25.2	24.6	26.3	25.5	25.4	25.8	25.0
Q/q %, SAAR	2.5 2.0	-4.7 -0.2	-4.9 -4.6	-4.6	4.1	-3.6 -1.8	-9.5 -4.1	32.0	2.0	0.6	2.2	2.0
Y/y %	2.0	-0.2	-4.6	-3.4	-2.1	-1.8	-4.1	4.9	-2.0	-0.6	-2.2	-3.0
Change in inventories	-0.0	-0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	0.0
Net exports of goods and services	-6.6	-6.9	-6.9	-5.2	-5.3	-3.4	-2.3	-2.1	-6.4	-3.2	-6.6	-4.0
Exports of goods and services	81.7	83.4	82.7	83.4	82.5	84.2	86.4	86.7	82.9	85.0	83.1	84.2
Q/q %, SAAR	-13.5	8.6	-3.0	3.5	-4.6	8.5	11.0	1.6				
Y/y %	2.1	3.1	-0.4	-1.4	0.5	1.0	4.8	3.9	0.8	2.6	3.0	1.2
Imports of goods and services	88.3	90.3	89.6	88.7	87.8	87.6	88.7	88.8	89.2	88.2	89.7	88.2
Q/q %, SAAR	-10.0	9.7	-3.0	-4.3	-3.9	-1.0	5.3	0.4		_		
Y/y %	0.6	1.2	-0.6	-2.0	-0.6	-3.1	-1.0	0.1	-0.2	-1.2	0.1	-1.7

Source: Compiled by DIR.

Notes: 1) Subtotals by demand (domestic demand, private demand, and public demand) are simple aggregates of respective components, which differ from figures released by the government.

2) Y/y growth rates and FY and CY figures unadjusted; other seasonally adjusted.

3) Due to rounding, figures may differ from those released by the government.

E: DIR estimate.



				[0044]	N/ ( '11)							
2.2 Real Gross Domesti	ic Expendit	ure (c	hained	[2011]	Y trii)							
	2017			2018				2019	F	Y	C,	Y
	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	2017	2018	2017	2018
	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)
Gross domestic expenditure	529.8	531.0	532.7	533.8	535.4	537.0	538.4	540.2	531.7	537.7	530.3	536.1
Q/q %, SAAR	1.2	0.9	1.3	0.9	1.1	1.3	1.0	1.4				
Y/y %	1.6	1.5	1.5	1.1	1.0	1.1	1.1	1.2	1.4	1.1	1.6	1.1
Domestic demand	531.5	532.6	534.0	535.1	536.5	538.2	539.8	541.8	533.2	539.1	531.9	537.3
Q/q %, SAAR	1.4	0.8	1.1	8.0	1.1	1.2	1.2	1.5				
Y/y %	0.8	1.2	1.5	1.0	1.0	1.1	1.0	1.3	1.1	1.1	1.2	1.0
Private demand	398.1	399.3	400.4	401.8	403.0	404.3	406.0	407.8	399.9	405.3	398.7	403.7
Q/q %, SAAR	1.3	1.2	1.1	1.4	1.2	1.4	1.6	1.8				
Y/y %	0.6	1.1	1.2	1.3	1.2	1.3	1.4	1.6	1.1	1.3	1.1	1.3
Final consumption	298.2	298.9	299.5	300.2	300.7	301.3	302.1	302.9	299.2	301.7	298.5	301.1
Q/q %, SAAR	0.7	0.9	0.8	0.9	0.7	0.8	1.0	1.0				
Y/y %	0.8	0.6	8.0	0.9	0.8	8.0	0.9	0.9	0.7	0.9	0.7	0.8
Residential investment	16.0	16.0	16.0	16.1	16.1	16.3	16.5	16.9	16.0	16.5	16.0	16.3
Q/q %, SAAR	-0.7	0.3	0.6	0.9	1.7	4.0	6.0	8.2	0.0	0.7	4.5	4.0
Y/y %	1.8	-0.6	-0.4	0.2	0.9	1.9	3.1	5.0	0.2	2.7	1.5	1.6
Non-residential investment	82.7	83.0	83.3	83.8	84.2	84.7	85.2	85.8	83.3	85.1	82.9	84.5
Q/q %, SAAR	1.4	1.4 3.2	1.4	2.1	2.3	2.4	2.5	2.6	0.4	0.0	2.6	4.0
Y/y %	2.5	3.2	1.2	1.6	1.8	2.0	2.3	2.4	2.1	2.2	2.0	1.9
Change in inventories	1.2	1.4	1.6	1.8	1.9	2.0	2.1	2.3	1.5	2.1	1.2	2.0
Public demand	133.4	133.3	133.6	133.3	133.6	133.9	133.8	134.0	133.3	133.7	133.2	133.6
Q/q %, SAAR	1.7	-0.2	8.0	-0.8	0.7	0.9	-0.2	0.6				
Y/y %	1.5	1.5	2.3	0.3	0.3	0.4	0.1	0.5	1.4	0.3	1.4	0.3
Government final consumption	106.7	106.8	107.1	107.3	107.5	107.7	108.0	108.2	106.9	107.8	106.7	107.6
Q/q %, SAAR	0.7	0.7	0.8	1.0	8.0	0.8	0.8	8.0				
Y/y %	0.8	8.0	0.7	8.0	0.8	8.0	8.0	0.8	8.0	0.8	0.5	0.8
Fixed investment	26.7	26.4	26.5	26.0	26.0	26.1	25.8	25.8	26.4	25.9	26.5	26.0
Q/q %, SAAR	5.8 4.8	-3.8 4.7	1.0 8.2	-7.5 -1.3	0.1 -2.5	1.6 -1.1	-4.2 -2.7	0.1 -0.6	3.9	-1.7	5.7	-1.9
Y/y %	4.0	4.7	0.2	-1.3	-2.5	-1.1	-2.1	-0.6	3.9	-1.7	5.7	-1.9
Change in inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net exports of goods and services	-2.3	-2.2	-1.9	-1.8	-1.7	-1.7	-1.9	-2.2	-2.0	-1.9	-2.1	-1.8
Exports of goods and services	87.3	87.9	88.7	89.2	89.7	90.2	90.5	90.9	88.3	90.4	87.7	89.9
Q/q %, SAAR	2.4	3.1	3.3	2.6	2.3	2.0	1.4	1.9				
Y/y %	6.0	4.4	2.4	2.9	2.7	2.6	2.2	1.9	3.9	2.3	4.2	2.6
Imports of goods and services	89.6	90.1	90.5	91.1	91.5	91.9	92.4	93.1	90.3	92.2	89.7	91.7
Q/q %, SAAR	3.4	2.4	2.0	2.3	1.8	1.9	2.4	2.9	_	_		
Y/y %	2.1	2.9	2.1	2.6	2.1	2.0	2.1	2.2	2.4	2.1	1.8	2.2

Source: Compiled by DIR.

Notes: 1) Subtotals by demand (domestic demand, private demand, and public demand) are simple aggregates of respective components, which differ from figures released by the government.

<sup>2)</sup> Y/y growth rates and FY and CY figures unadjusted; other seasonally adjusted.
3) Due to rounding, figures may differ from those released by the government.
E: DIR estimate.



3.1 Nominal Gross Dom	nestic Expe	nditur	o (V tril	1								
3.1 Nominal Gross Doll		Haitui	e (1 uii								l	
	2015 4-6	7-9	10-12	2016 1-3	4-6	7-9	10-12	2017 1-3 (E)	F` 2015	Y 2016 (E)	2015	Y 2016
Gross domestic expenditure	529.9	532.5	531.4	535.0	536.9	537.6	539.7	543.6	532.1	539.4	530.5	537.3
Q/q %, SAAR Y/y %	1.3 3.3	2.0 3.9	-0.8 2.6	2.7 1.3	1.4 1.3	0.5 1.0	1.6 1.6	2.9 1.6	2.8	1.4	3.3	1.3
Domestic demand	532.5	533.7	531.7	531.0	532.2	531.7	533.4	538.1	532.1	533.9	532.2	532.0
Q/q %, SAAR Y/y %	1.2 1.6	0.9 1.8	-1.5 1.0	-0.6 -0.0	1.0 -0.0	-0.4 -0.4	1.3 0.3	3.6 1.4	1.1	0.3	1.1	-0.0
Private demand	400.1	401.2	398.8	397.4	400.0	399.5	401.2	403.5	399.4	401.2	399.8	399.5
Q/q %, SAAR Y/y %	1.2 1.6	1.1 2.1	-2.4 1.2	-1.4 -0.4	2.6 -0.0	-0.5 -0.5	1.7 0.7	2.4 1.6	1.1	0.5	1.1	-0.1
Final consumption	299.7	301.4	299.1	299.2	299.5	300.3	301.3	302.6	299.9	300.9	300.1	300.1
Q/q %, SAAR Y/y %	-0.7 1.1	2.3 1.2	-3.0 -0.0	0.2 -0.3	0.4 -0.1	1.1 -0.3	1.3 0.8	1.8 1.1	0.5	0.4	-0.0	0.0
Residential investment	15.8	16.0	15.9	16.0	16.4	16.9	17.0	17.0	15.9	16.9	15.8	16.6
Q/q %, SAAR Y/y %	3.8 -3.0	6.4 6.4	-3.9 4.9	3.5 2.3	11.2 4.2	10.5 5.4	3.6 7.1	0.8 6.5	2.7	5.8	-0.7	4.8
Non-residential investment	81.0	81.5	81.2	81.0	81.7	81.3	83.0	83.3	81.2	82.4	81.3	81.7
Q/q %, SAAR Y/y %	-3.3 2.5	2.4 1.8	-1.2 1.3	-1.1 -0.8	3.5 0.9	-1.9 -0.5	8.6 2.6	1.4 2.8	1.1	1.5	2.0	0.5
Change in inventories	3.7	2.3	2.6	1.2	2.3	1.0	-0.1	0.6	2.4	1.0	2.5	1.1
Public demand	132.4	132.5	132.9	133.5	132.3	132.2	132.2	134.5	132.8	132.8	132.4	132.5
Q/q %, SAAR Y/y %	1.2 1.6	0.3 0.8	1.3 0.5	2.0 1.2	-3.8 0.0	-0.1 -0.2	-0.0 -0.6	7.3 0.8	1.0	-0.0	1.1	0.1
Government final consumption	104.9	105.4	106.3	107.3	105.8	106.1	106.7	107.1	106.0	106.4	105.3	106.5
Q/q %, SAAR Y/y %	0.4 1.2	1.9 1.0	3.4 1.8	3.8 2.8	-5.4 0.7	1.0 0.6	2.2 0.4	1.5 -0.4	1.7	0.3	1.7	1.1
Fixed investment	27.5	27.1	26.6	26.2	26.4	26.1	25.5	27.4	26.7	26.4	27.0	26.0
Q/q %, SAAR Y/y %	5.0 3.7	-6.0 0.6	-7.0 -3.9	-5.5 -4.0	2.9 -3.6	-4.2 -3.0	-8.6 -4.3	33.9 5.1	-1.4	-1.3	-0.8	-3.8
Change in inventories	-0.0	-0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net exports of goods and services	-2.6	-1.2	-0.3	4.1	4.7	5.9	6.3	5.5	0.0	5.6	-1.7	5.3
Exports of goods and services	93.1	95.3	90.6	87.6	84.7	84.9	89.1	90.8	91.7	87.4	93.6	86.6
Q/q %, SAAR Y/y %	-9.0 5.7	9.9 5.0	-18.2 -4.6	-12.6 -7.9	-12.6 -9.4	0.8 -10.7	21.1 -1.5	7.9 3.5	-0.7	-4.6	3.8	-7.4
Imports of goods and services	95.7	96.5	90.9	83.6	80.0	78.9	82.7	85.3	91.6	81.8	95.3	81.4
Q/q %, SAAR Y/y %	-9.0 -3.8	3.4 -6.0	-21.1 -12.1	-28.6 -14.8	-15.9 -16.5	-5.3 -18.2	20.5 -8.8	13.0 2.1	-9.2	-10.7	-7.3	-14.6

Source: Compiled by DIR.

Notes: 1)Y/y growth rates and FY and CY figures unadjusted; other seasonally adjusted.
2) Due to rounding, figures may differ from those released by the government.
E: DIR estimate.



3.2 Nominal Gross Do	mestic Expe	nditur	e (Y tril	1								
3.2 Nominal Gross De	-	Haltai	C ( i tili						ı		l -	
	2017 4-6	7-9	10-12	2018	4-6	7-9	10-12	2019	F` 2017	Y 2018	C	Y 2018
	(E)	(E)	(E)	1-3 (E)	(E)	(E)	(E)	1-3 (E)	(E)	(E)	2017 (E)	(E)
Gross domestic expenditure	545.4	547.2	549.9	551.9	554.4	557.1	559.4	562.4	548.6	558.3	546.5	555.7
Q/q %, SAAR	1.4	1.3	1.9	1.5	1.8	2.0	1.7	2.1	4.7	4.0	4 7	4 7
Y/y %	1.6	1.8	1.9	1.5	1.6	1.8	1.7	1.9	1.7	1.8	1.7	1.7
Domestic demand	541.2	543.3	545.7	547.7	550.1	552.7	555.4	558.6	544.5	554.2	542.1	551.5
Q/q %, SAAR	2.3 1.6	1.5 2.2	1.8 2.3	1.5 1.8	1.7 1.6	2.0 1.7	1.9 1.7	2.3 2.0	2.0	1.8	1.9	1.7
Y/y %	1.0	2.2	2.3	1.0	1.0	1.7	1.7	2.0	2.0	1.0	1.9	1.7
Private demand	405.8	407.8	409.7	411.8	413.7	415.9	418.4	421.2	408.8	417.4	406.7	415.0
Q/q %, SAAR	2.3	1.9	1.9	2.1	1.9	2.1	2.4	2.7				
Y/y %	1.4	2.1	2.1	2.1	1.9	2.0	2.1	2.4	1.9	2.1	1.8	2.0
Final consumption	304.1	305.4	306.7	307.9	309.1	310.3	311.8	313.2	306.0	311.1	304.7	309.8
Q/q %, SAAR	1.9	1.7	1.7	1.7	1.5	1.6	1.9	1.9				
Y/y %	1.6	1.7	1.8	1.8	1.6	1.6	1.7	1.7	1.7	1.7	1.5	1.7
Residential investment	17.1	17.2	17.3	17.4	17.6	17.8	18.2	18.7	17.3	18.1	17.2	17.8
Q/q %, SAAR	1.5	2.3	2.5	2.7	3.6	6.0	8.1	10.3				
Y/y %	4.0	2.0	1.8	2.2	2.8	3.8	5.1	7.0	2.5	4.7	3.5	3.5
Non-residential investment	83.6	84.0	84.4	84.9	85.5	86.1	86.7	87.3	84.3	86.5	83.8	85.8
Q/q %, SAAR	1.6	1.7	1.9	2.5	2.7	2.8	2.9	3.0			0.5	
Y/y %	2.4	3.4	1.5	1.9	2.2	2.4	2.8	2.8	2.3	2.6	2.5	2.3
Change in inventories	1.0	1.2	1.4	1.5	1.6	1.7	1.8	2.0	1.3	1.8	1.0	1.7
Public demand	135.4	135.5	136.0	135.9	136.3	136.8	137.0	137.4	135.7	136.8	135.3	136.5
Q/q %, SAAR	2.5	0.4	1.4	-0.3	1.2	1.5	0.4	1.3				
Y/y %	2.2	2.5	3.0	1.0	8.0	1.0	0.7	1.0	2.2	0.9	2.1	0.8
Government final consumption	107.5	107.8	108.2	108.7	109.0	109.4	109.9	110.3	108.0	109.6	107.6	109.2
Q/q %, SAAR	1.4	1.4	1.4	1.6	1.5	1.4	1.6	1.5			l	
Y/y %	1.6	1.7	1.4	1.6	1.4	1.5	1.5	1.4	1.6	1.5	1.1	1.5
Fixed investment	27.9	27.7	27.7	27.2	27.2	27.4	27.1	27.1	27.6	27.2	27.7	27.2
Q/q %, SAAR Y/y %	6.9 5.6	-3.4 5.7	1.2 9.0	-7.3 -0.9	0.3 -2.3	1.8 -1.0	-4.0 -2.5	0.3 -0.4	4.6	-1.5	6.4	-1.6
1/y /6	5.0	5.7	9.0	-0.9	-2.5	-1.0	-2.5	-0.4	4.0	-1.5	0.4	-1.0
Change in inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net exports of goods and services	4.2	3.9	4.2	4.2	4.3	4.3	4.1	3.8	4.1	4.1	4.4	4.2
Exports of goods and services	91.1	91.8	92.3	92.8	93.2	93.6	93.8	94.1	92.0	93.7	91.5	93.4
Q/q %, SAAR	1.4	3.0	2.6	2.1	1.8	1.5	1.0	1.4				
Y/y %	7.8	8.0	3.6	2.3	2.2	2.0	1.6	1.4	5.3	1.8	5.6	2.0
Imports of goods and services	86.9	87.8	88.2	88.6	88.9	89.3	89.7	90.3	87.9	89.6	87.1	89.2
Q/q %, SAAR	7.6	4.5	1.6	2.0	1.5	1.6	2.1	2.6		_		
Y/y %	8.6	11.2	6.4	3.9	2.3	1.7	1.9	2.0	7.4	2.0	7.0	2.4

Source: Compiled by DIR.

Notes: 1)Y/y growth rates and FY and CY figures unadjusted; other seasonally adjusted.

2) Due to rounding, figures may differ from those released by the government.

E: DIR estimate.



4.1 Gross Domestic Ex	kpenditure. I	mplici	it Defla	tors (2	011=10	00)						
	2015			2016				2017	l F	Y	l c	Υ
	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	2015	2016	2015	2016
								(E)		(E)		
Gross domestic expenditure	102.6	102.9	103.0	103.2	103.0	102.8	102.9	102.9	102.9	102.9	102.7	103.0
Q/q %, SAAR	0.3	0.3	0.0	0.2	-0.2	-0.2	0.1	0.0				
Y/y %	1.6	1.8	1.5	0.9	0.4	-0.1	-0.1	-0.2	1.4	-0.0	2.0	0.3
Private final consumption	101.7	101.7	101.6	101.3	101.2	101.1	101.4	101.7	101.6	101.3	101.6	101.2
Q/q %, SAAR	0.2	0.0	-0.1	-0.3	-0.1	-0.1	0.3	0.3				
Y/y %	0.1	-0.0	0.1	-0.2	-0.5	-0.7	-0.2	0.4	-0.0	-0.3	0.4	-0.4
Private residential investment	105.9	105.9	105.9	105.3	104.7	104.8	105.6	106.4	105.8	105.4	106.0	105.1
Q/q %, SAAR	-0.1	0.0	-0.0	-0.6	-0.6	0.1	0.8	0.7				
Y/y %	0.1	0.2	0.2	-0.7	-1.2	-1.1	-0.2	1.0	-0.0	-0.4	0.9	-0.8
Private non-residential investment	102.3	102.3	101.9	101.8	101.2	100.9	100.9	101.0	102.0	101.0	102.2	101.2
Q/q %, SAAR	0.2	-0.1	-0.4	-0.1	-0.5	-0.4	0.0	0.1				
Y/y %	1.1	0.8	0.4	-0.4	-1.2	-1.4	-0.8	-0.7	0.4	-1.0	0.9	-0.9
Government final consumption	100.6	100.6	100.8	100.4	100.1	100.1	100.3	100.6	100.7	100.2	100.7	100.2
Q/q %, SAAR	-0.0	0.0	0.1	-0.4	-0.3	0.0	0.3	0.2				
Y/y %	-0.5	-0.6	-0.4	0.1	-0.7	-0.6	-0.4	0.1	-0.3	-0.4	0.1	-0.4
Public fixed investment	105.3	104.9	104.4	104.1	103.8	103.7	103.9	104.3	104.6	104.0	104.8	103.9
Q/q %, SAAR	0.6	-0.3	-0.6	-0.2	-0.3	-0.2	0.2	0.4				
Y/y %	1.6	0.7	0.7	-0.6	-1.5	-1.3	-0.2	0.2	0.5	-0.6	1.4	-0.8
Exports of goods and services	113.9	114.3	109.5	105.0	102.7	100.9	103.1	104.6	110.6	102.9	112.5	102.9
Q/q %, SAAR	1.3	0.3	-4.2	-4.1	-2.2	-1.8	2.2	1.5				
Y/y %	3.5	1.9	-4.2	-6.7	-9.9	-11.6	-6.0	-0.3	-1.5	-7.0	0.8	-8.5
Imports of goods and services	108.4	106.8	101.4	94.3	91.2	90.2	93.2	96.0	102.7	92.8	106.2	92.3
Q/q %, SAAR	0.3	-1.5	-5.1	-7.1	-3.3	-1.1	3.4	3.0				
Y/y %	-4.4	-7.1	-11.5	-13.1	-16.0	-15.6	-7.9	2.0	-9.0	-9.7	-7.4	-13.1

Source: Compiled by DIR.

Notes: 1) Y/y growth rates and FY and CY figures unadjusted; other seasonally adjusted.
2) Due to rounding, figures may differ from those released by the government.

E: DIR estimate.



4.2 Gross Domestic E	xpenditure. I	mplici	t Defla	tors (2	011=10	00)						
	2017			2018		,		2019	F	V	l c	v
	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	2017	2018	2017	2018
	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)
Gross domestic expenditure	103.0	103.1	103.2	103.4	103.6	103.7	103.9	104.1	103.2	103.8	103.1	103.7
Q/q %, SAAR	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2				
Y/y %	-0.0	0.3	0.3	0.5	0.6	0.6	0.7	0.7	0.3	0.6	0.1	0.6
Private final consumption	102.0	102.2	102.4	102.6	102.8	103.0	103.2	103.4	102.3	103.1	102.1	102.9
Q/q %, SAAR	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2				
Y/y %	0.8	1.1	1.0	0.9	0.8	8.0	8.0	8.0	0.9	0.8	0.8	0.8
Private residential investment	107.0	107.5	108.0	108.5	109.0	109.5	110.0	110.6	107.7	109.8	107.2	109.3
Q/q %, SAAR	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5				
Y/y %	2.2	2.6	2.2	2.0	1.9	1.9	1.9	1.9	2.2	1.9	2.0	1.9
Private non-residential investment	101.1	101.1	101.2	101.4	101.5	101.6	101.7	101.8	101.2	101.7	101.1	101.5
Q/q %, SAAR	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1				
Y/y %	-0.1	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.2	0.4	-0.1	0.4
Government final consumption	100.8	100.9	101.1	101.2	101.4	101.6	101.8	101.9	101.0	101.7	100.9	101.5
Q/q %, SAAR	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2				
Y/y %	0.8	0.9	0.7	0.7	0.6	0.6	0.7	0.7	8.0	0.6	0.6	0.7
Public fixed investment	104.6	104.7	104.7	104.8	104.8	104.9	104.9	105.0	104.7	104.9	104.6	104.9
Q/q %, SAAR	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1				
Y/y %	0.7	1.0	0.7	0.4	0.2	0.2	0.2	0.2	0.7	0.2	0.6	0.3
Exports of goods and services	104.4	104.3	104.2	104.0	103.9	103.8	103.6	103.5	104.2	103.7	104.4	103.8
Q/q %, SAAR	-0.3	-0.0	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1				
Y/y %	1.6	3.4	1.1	-0.6	-0.5	-0.5	-0.5	-0.5	1.3	-0.5	1.4	-0.5
Imports of goods and services	97.0	97.5	97.4	97.3	97.2	97.2	97.1	97.0	97.3	97.2	97.0	97.2
Q/q %, SAAR	1.0	0.5	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1				
Y/y %	6.4	8.1	4.3	1.2	0.2	-0.3	-0.2	-0.2	4.9	-0.1	5.1	0.2

Source: Compiled by DIR.

Notes: 1) Y/y growth rates and FY and CY figures unadjusted; other seasonally adjusted.

2) Due to rounding, figures may differ from those released by the government.



5.1 Contribution to Real Contribution	DP Gro	wth by	/ Comp	onent								
	2015 4-6	7-9	10-12	2016 1-3	4-6	7-9	10-12	2017 1-3 (E)	F) 2015	2016 (E)	CY 2015	, 2016
1) Q/q %								,		( )		
GDP growth rate	-0.0	0.2	-0.2	0.5	0.5	0.3	0.3	0.7	1.3	1.4	1.2	1.0
Domestic demand	0.1	0.2	-0.3	0.1	0.6	-0.1	0.1	0.6	1.1	0.8	0.7	0.5
Private demand	0.1	0.2	-0.3	-0.1	0.7	-0.1	0.1	0.3	8.0	0.6	0.5	0.3
Private consumption Residential investment Private fixed investment Change in private inventories	-0.2 0.0 -0.2 0.4	0.3 0.0 0.1 -0.2	-0.4 -0.0 0.0 0.0	0.2 0.0 -0.0 -0.3	0.1 0.1 0.2 0.3	0.2 0.1 -0.0 -0.3	0.0 0.0 0.3 -0.2	0.1 -0.0 0.0 0.2	0.3 0.1 0.1 0.3	0.4 0.2 0.4 -0.3	-0.2 -0.1 0.2 0.6	0.2 0.2 0.2 -0.3
Public demand	0.0	0.0	0.1	0.2	-0.2	0.0	-0.1	0.4	0.3	0.1	0.2	0.2
Government final consumption Public fixed investment Change in public inventories	0.0 0.0 -0.0	0.1 -0.1 -0.0	0.1 -0.1 0.0	0.3 -0.1 0.0	-0.2 0.0 -0.0	0.0 -0.0 -0.0	0.1 -0.1 0.0	0.0 0.3 0.0	0.4 -0.1 -0.0	0.1 -0.0 0.0	0.3 -0.1 -0.0	0.3 -0.2 0.0
Net exports of goods and services	-0.1	-0.1	0.0	0.3	-0.0	0.4	0.2	0.0	0.2	0.6	0.5	0.5
Exports of goods and services Imports of goods and services	-0.6 0.5	0.4 -0.5	-0.1 0.1	0.1 0.2	-0.2 0.2	0.4 0.0	0.5 -0.2	0.1 -0.0	0.1 0.0	0.4 0.2	0.5 -0.0	0.2 0.3
2) Y/y %												
GDP growth rate	1.8	2.1	1.1	0.4	0.9	1.1	1.6	1.9	1.3	1.4	1.2	1.0
Domestic demand	1.5	1.8	1.1	0.2	0.7	0.4	0.6	1.3	1.1	0.8	0.7	0.5
Private demand	1.1	1.5	0.9	-0.1	0.5	0.2	0.7	1.1	8.0	0.6	0.5	0.3
Private consumption Residential investment Private fixed investment Change in private inventories	0.6 -0.1 0.2 0.4	0.7 0.2 0.1 0.5	-0.0 0.1 0.1 0.7	-0.0 0.1 -0.1 -0.1	0.2 0.1 0.3 -0.1	0.2 0.2 0.1 -0.3	0.5 0.2 0.5 -0.5	0.4 0.2 0.6 -0.1	0.3 0.1 0.1 0.3	0.4 0.2 0.4 -0.3	-0.2 -0.1 0.2 0.6	0.2 0.2 0.2 -0.3
Public demand	0.4	0.3	0.2	0.4	0.2	0.2	-0.1	0.2	0.3	0.1	0.2	0.2
Government final consumption Public fixed investment Change in public inventories	0.3 0.1 -0.0	0.3 -0.0 -0.0	0.4 -0.3 -0.0	0.6 -0.2 0.0	0.3 -0.1 0.0	0.2 -0.1 0.0	0.1 -0.2 0.0	-0.1 0.3 -0.0	0.4 -0.1 -0.0	0.1 -0.0 0.0	0.3 -0.1 -0.0	0.3 -0.2 0.0
Net exports of goods and services	0.2	0.3	0.0	0.1	0.2	0.7	1.0	0.6	0.2	0.6	0.5	0.5
Exports of goods and services Imports of goods and services	0.4 -0.1	0.5 -0.2	-0.1 0.1	-0.2 0.4	0.1 0.1	0.2 0.6	0.8 0.2	0.6 -0.0	0.1 0.0	0.4 0.2	0.5 -0.0	0.2 0.3

Source: Compiled by DIR.

Notes: 1) Q/q growth rates seasonally adjusted; y/y growth rates and FY and CY figures unadjusted.

2) Due to rounding, figures may differ from those released by the government.



5.2 Contribution to Real G	DP Grov	wth by	/ Comp	onent								
	2017 4-6 (E)	7-9 (E)	10-12 (E)	2018 1-3 (E)	4-6 (E)	7-9 (E)	10-12 (E)	2019 1-3 (E)	2017 (E)	Y 2018 (E)	2017 (E)	Y 2018 (E)
1) Q/q %	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
GDP growth rate	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.3	1.4	1.1	1.6	1.1
Domestic demand	0.4	0.2	0.3	0.2	0.3	0.3	0.3	0.4	1.2	1.1	1.2	1.0
Private demand	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.8	1.0	0.9	0.9
Private consumption Residential investment Private fixed investment Change in private inventories	0.1 -0.0 0.1 0.1	0.1 0.0 0.1 0.0	0.1 0.0 0.1 0.0	0.1 0.0 0.1 0.0	0.1 0.0 0.1 0.0	0.1 0.0 0.1 0.0	0.1 0.0 0.1 0.0	0.1 0.1 0.1 0.0	0.4 0.0 0.3 0.1	0.5 0.1 0.3 0.1	0.4 0.0 0.4 -0.0	0.5 0.0 0.3 0.1
Public demand	0.1	-0.0	0.1	-0.0	0.0	0.1	-0.0	0.0	0.3	0.1	0.4	0.1
Government final consumption Public fixed investment Change in public inventories	0.0 0.1 0.0	0.0 -0.0 0.0	0.0 0.0 0.0	0.0 -0.1 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -0.1 0.0	0.0 0.0 0.0	0.2 0.2 -0.0	0.2 -0.1 -0.0	0.1 0.3 0.0	0.2 -0.1 0.0
Net exports of goods and services	-0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.2	0.0	0.4	0.1
Exports of goods and services Imports of goods and services	0.1 -0.1	0.1 -0.1	0.1 -0.1	0.1 -0.1	0.1 -0.1	0.1 -0.1	0.1 -0.1	0.1 -0.1	0.6 -0.4	0.4 -0.4	0.7 -0.3	0.4 -0.3
2) Y/y %												
GDP growth rate	1.6	1.5	1.5	1.1	1.0	1.1	1.1	1.2	1.4	1.1	1.6	1.1
Domestic demand	0.8	1.2	1.5	1.0	1.0	1.1	1.0	1.3	1.2	1.1	1.2	1.0
Private demand	0.5	0.9	0.9	1.0	0.9	0.9	1.0	1.2	0.8	1.0	0.9	0.9
Private consumption Residential investment Private fixed investment Change in private inventories	0.4 0.1 0.4 -0.4	0.3 -0.0 0.5 0.1	0.4 -0.0 0.2 0.3	0.5 0.0 0.3 0.2	0.5 0.0 0.3 0.2	0.5 0.1 0.3 0.1	0.5 0.1 0.4 0.1	0.5 0.1 0.4 0.1	0.4 0.0 0.3 0.1	0.5 0.1 0.3 0.1	0.4 0.0 0.4 -0.0	0.5 0.0 0.3 0.1
Public demand	0.4	0.4	0.6	0.1	0.1	0.1	0.0	0.1	0.3	0.1	0.4	0.1
Government final consumption Public fixed investment Change in public inventories	0.2 0.2 -0.0	0.2 0.2 0.0	0.1 0.4 0.0	0.2 -0.1 0.0	0.2 -0.1 -0.0	0.2 -0.1 -0.0	0.2 -0.1 -0.0	0.2 -0.0 -0.0	0.2 0.2 -0.0	0.2 -0.1 -0.0	0.1 0.3 0.0	0.2 -0.1 0.0
Net exports of goods and services	0.6	0.2	0.1	0.0	0.1	0.1	0.0	-0.1	0.2	0.0	0.4	0.1
Exports of goods and services Imports of goods and services	1.0 -0.4	0.7 -0.5	0.4 -0.3	0.5 -0.4	0.5 -0.4	0.4 -0.3	0.4 -0.4	0.3 -0.4	0.6 -0.4	0.4 -0.4	0.7 -0.3	0.4 -0.3

Source: Compiled by DIR.

Notes: 1) Q/q growth rates seasonally adjusted; y/y growth rates and FY and CY figures unadjusted.
2) Due to rounding, figures may differ from those released by the government.

E: DIR estimate.



6.1 Major Assumptions												
,	2045	2015 2016 2017						F	· ·	l cy		
	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3 (E)	2015	2016 (E)	2015	2016
1) World economy												
Economic growth of major trading partners												
Y/y %	3.7	3.5	3.3	3.2	3.4	3.4	3.6	3.9	3.4	3.6	3.6	3.4
Crude oil price (WTI futures; \$/bbl)	57.8	46.5	42.2	33.6	45.6	44.9	49.3	52.9	45.0	48.2	48.8	43.5
Y/y %	-43.9	-52.2	-42.4	-30.8	-21.1	-3.4	16.9	57.3	-44.1	7.0	-47.5	-10.9
2) US economy												
Real GDP (chained [2009]; \$ bil; SAAR)	16,374	16,455	16,491	16,525	16,583	16,727	16,804	16,907	16,461	16,755	16,397	16,660
Q/q %, SAAR	2.6	2.0	0.9	0.8	1.4	3.5	1.9	2.5				
Y/y %	3.0	2.2	1.9	1.6	1.3	1.7	1.9	2.3	2.2	1.8	2.6	1.6
Consumer Price Index												
(1982-84 avg=100)	236.8	237.7	237.9	238.0	239.4	240.4	242.2	244.6	237.7	241.7	237.0	240.0
Q/q %, SAAR	2.4	1.5	0.4	0.1	2.3	1.8	3.0	3.9				
Y/y %	-0.0	0.1	0.5	1.1	1.0	1.1	1.8	2.8	0.4	1.7	0.1	1.3
Producer Price Index												
(Final demand; 2009.Nov=100)	110.1	110.2	109.6	109.8	110.2	110.5	110.9	112.1	109.9	110.9	109.9	110.4
Q/q %, SAAR	0.9	0.5	-2.2	0.7	1.5	1.0	1.6	4.3				
Y/y %	-0.8	-0.9	-1.3	0.0	0.1	0.2	1.2	2.1	-0.8	0.9	-0.9	0.4
FF rate (%)	0.25	0.25	0.50	0.50	0.50	0.50	0.75	0.75	0.50	0.75	0.50	0.75
(Target rate for the forecast period, end-	period)											
Government bond yield (10 year; %)	2.17	2.22	2.19	1.92	1.75	1.56	2.13	2.42	2.12	1.97	2.14	1.84
3) Japanese economy												
Nominal government final consumption												
Y tril; SAAR	104.9	105.4	106.3	107.3	105.8	106.1	106.7	107.1	106.0	106.4	105.3	106.5
Q/q %, SAAR	0.4	1.9	3.4	3.8	-5.4	1.0	2.2	1.5				
Y/y %	1.2	1.0	1.8	2.8	0.7	0.6	0.4	-0.4	1.7	0.3	1.7	1.1
Nominal public fixed investment												
Y tril; SAAR	27.5	27.1	26.6	26.2	26.4	26.1	25.5	27.4	26.7	26.4	27.0	26.0
Q/q %, SAAR	5.0	-6.0	-7.0	-5.5	2.9	-4.2	-8.6	33.9				
Y/y %	3.7	0.6	-3.9	-4.0	-3.6	-3.0	-4.3	5.1	-1.4	-1.3	-0.8	-3.8
Exchange rate (Y/\$)	121.4	122.2	121.5	115.4	108.1	102.4	109.4	113.9	120.1	108.5	121.0	108.8
(Y/€)	135.0	135.6	131.5	128.0	120.7	114.7	119.2	120.4	132.5	118.7	133.7	120.6

Source: Compiled by DIR.

Note: Due to rounding, figures may differ from those released by the government.

E: DIR estimate.



6.2 Major Assumptions												
,	2017 2018 2019 FY						\ <u>'</u>	CY				
	2017 4-6	7-9	10-12	2018 1-3	4-6	7-9	10-12	2019 1-3	2017	r 2018	2017	2018
	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)
1) World economy												
Economic growth of major trading partners												
Y/y %	3.7	3.5	3.4	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.6	3.5
Crude oil price (WTI futures; \$/bbl)	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
Y/y %	15.9	17.7	7.3	0.0	0.0	0.0	0.0	0.0	9.7	0.0	21.7	0.0
2) US economy												
Real GDP (chained [2009]; \$ bil; SAAR)	17,001	17,093	17,188	17,308	17,429	17,550	17,668	17,786	17,147	17,609	17,047	17,489
Q/q %, SAAR	2.3	2.2	2.2	2.8	2.8	2.8	2.7	2.7				
Y/y %	2.5	2.2	2.3	2.4	2.5	2.7	2.8	2.8	2.3	2.7	2.3	2.6
Consumer Price Index												
(1982-84 avg=100)	245.9	247.4	248.9	250.3	251.9	253.6	255.3	256.9	248.1	254.4	246.7	252.8
Q/q %, SAAR	2.2	2.4	2.4	2.4	2.6	2.6	2.7	2.7				
Y/y %	2.7	2.9	2.7	2.3	2.4	2.5	2.6	2.6	2.7	2.5	2.8	2.5
Producer Price Index												
(Final demand; 2009.Nov=100)	112.6	113.2	113.8	114.4	115.0	115.7	116.4	117.0	113.5	116.0	112.9	115.4
Q/q %, SAAR	1.9	2.1	2.1	2.1	2.3	2.3	2.3	2.3				
Y/y %	2.2	2.5	2.6	2.1	2.1	2.2	2.2	2.3	2.3	2.2	2.3	2.2
FF rate (%)	1.00	1.00	1.25	1.25	1.50	1.75	2.00	2.25	1.25	2.25	1.25	2.00
(Target rate for the forecast period, end-												
Government bond yield (10 year; %)	2.47	2.60	2.65	2.78	2.82	3.03	3.24	3.46	2.62	3.14	2.53	2.97
3) Japanese economy												
Nominal government final consumption												
Y tril; SAAR	107.5	107.8	108.2	108.7	109.0	109.4	109.9	110.3	108.0	109.6	107.6	109.2
Q/q %, SAAR	1.4	1.4	1.4	1.6	1.5	1.4	1.6	1.5				
Y/y %	1.6	1.7	1.4	1.6	1.4	1.5	1.5	1.4	1.6	1.5	1.1	1.5
Nominal public fixed investment												
Y tril; SAAR	27.9	27.7	27.7	27.2	27.2	27.4	27.1	27.1	27.6	27.2	27.7	27.2
Q/q %, SAAR	6.9	-3.4	1.2	-7.3	0.3	1.8	-4.0	0.3				
Y/y %	5.6	5.7	9.0	-0.9	-2.3	-1.0	-2.5	-0.4	4.6	-1.5	6.4	-1.6
Exchange rate (Y/\$)	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9
(Y/€)	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4

Source: Compiled by DIR. Notes: Due to rounding, figures may differ from those released by the government. E: DIR estimate.