

## 1. Revision to Nominal GDP Level by the Benchmark Year Revision of 2011 (Fiscal Year)

(Trillion Yen)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
After the Revision (Benchmark Year: 2011)	502.4	516.7	528.7	533.1	526.1	522.0	528.6	518.9	514.7	518.2	521.0
Before the Revision (Benchmark Year: 2005)	495.6	504.6	515.9	521.3	510.9	506.6	510.8	501.7	498.0	501.9	502.8
Difference Before and After the Revision	6.8	12.1	12.7	11.9	15.2	15.4	17.8	17.2	16.7	16.3	18.2
SNA2008 Factor	14.6	15.1	16.0	16.9	17.1	17.0	17.3	17.4	17.9	18.1	18.6
Capitalization of R&D	13.0	13.5	14.2	14.9	15.2	15.1	15.3	15.4	15.6	15.7	16.0
Market Producers: Gross Fixed Capital Formation	10.7	11.1	11.7	12.3	12.5	12.2	12.3	12.4	12.5	12.6	12.8
Non-Market Producers: Consumption of Fixed Capital	2.3	2.4	2.5	2.6	2.8	2.8	2.9	3.0	3.1	3.2	3.2
Change in the Treatment of Patent Royalties	-0.3	-0.3	-0.1	0.1	0.0	0.1	0.2	0.2	0.4	0.5	0.7
Capitalization of Defense Equipment	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Elaboration of Ownership Transfer Cost	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1
Clarification of Central Bank Output	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Other Statistical Factor	-7.8	-3.0	-3.3	-5.0	-1.9	-1.6	0.5	-0.2	-1.2	-1.8	-0.3

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
After the Revision (Benchmark Year: 2011)	525.8	529.3	531.0	509.4	492.1	499.2	493.9	494.7	507.4	517.9	532.2
Before the Revision (Benchmark Year: 2005)	505.3	509.1	513.0	489.5	474.0	480.5	474.2	474.4	482.4	489.6	500.6
Difference Before and After the Revision	20.5	20.1	18.0	19.9	18.1	18.7	19.7	20.3	25.0	28.3	31.6
SNA2008 Factor	19.8	20.7	21.4	21.1	19.2	19.4	19.8	19.6	21.0	23.0	24.1
Capitalization of R&D	16.9	17.7	18.3	18.1	16.4	16.4	16.6	16.6	17.3	18.5	19.2
Market Producers: Gross Fixed Capital Formation	13.6	14.3	14.9	14.7	13.1	13.1	13.3	13.3	14.0	15.1	15.8
Non-Market Producers: Consumption of Fixed Capital	3.3	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.4
Change in the Treatment of Patent Royalties	0.9	1.1	1.3	1.2	1.1	1.3	1.5	1.4	2.1	2.8	3.1
Capitalization of Defense Equipment	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Elaboration of Ownership Transfer Cost	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	1.0	0.9
Clarification of Central Bank Output	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Other Statistical Factor	0.7	-0.6	-3.4	-1.2	-1.1	-0.8	-0.1	0.6	4.0	5.3	7.5

Note: Other Statistical Factor includes the incorporation of source statistics (Input Output Table etc. ) undertaken basically every five years, the improvement of methodologies (Construction Sector etc.) and the replacement of the preliminary estimates by the annual estimates for FY2015.

## 2. Revision to Nominal GDP Level by the Benchmark Year Revision of 2011 (Calendar Year)

(Trillion Yen)

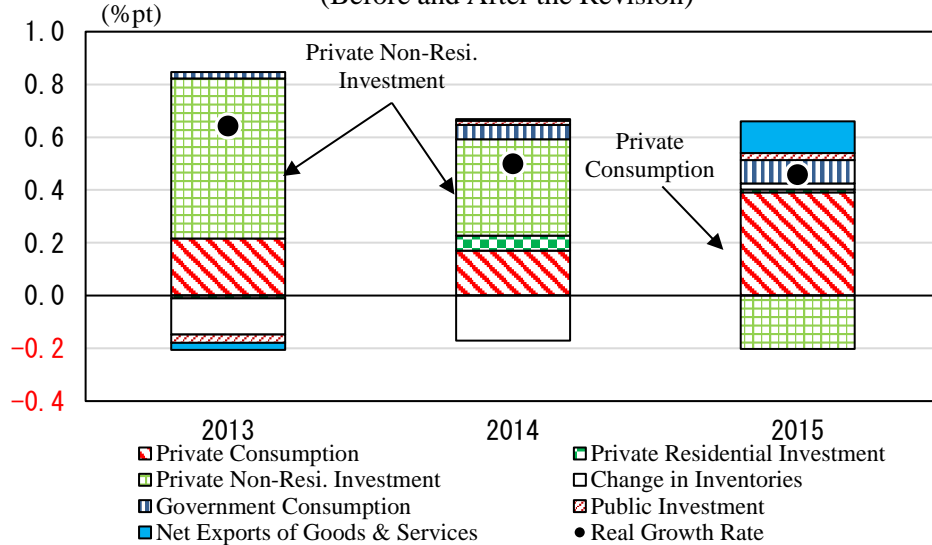
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
After the Revision (Benchmark Year: 2011)	501.5	512.5	525.8	534.1	527.9	519.7	526.7	523.0	516.0	515.4	521.0
Before the Revision (Benchmark Year: 2005)	495.7	501.7	511.9	523.2	512.4	504.9	509.9	505.5	499.1	498.9	503.7
Difference Before and After the Revision	5.8	10.8	13.9	10.9	15.4	14.7	16.8	17.5	16.8	16.5	17.2
SNA2008 Factor	14.6	14.8	15.8	16.7	17.2	16.9	17.1	17.5	17.7	18.1	18.4
Capitalization of R&D	13.0	13.3	14.1	14.8	15.2	15.0	15.2	15.5	15.5	15.7	15.9
Market Producers: Gross Fixed Capital Formation	10.7	10.9	11.6	12.2	12.5	12.2	12.3	12.4	12.5	12.6	12.7
Non-Market Producers: Consumption of Fixed Capital	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.1	3.2
Change in the Treatment of Patent Royalties	-0.3	-0.3	-0.1	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.7
Capitalization of Defense Equipment	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Elaboration of Ownership Transfer Cost	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.0
Clarification of Central Bank Output	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Other Statistical Factor	-8.8	-4.0	-1.9	-5.7	-1.7	-2.2	-0.3	-0.1	-0.9	-1.5	-1.1

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
After the Revision (Benchmark Year: 2011)	524.1	526.9	531.7	520.7	489.5	500.4	491.4	495.0	503.2	513.7	530.5
Before the Revision (Benchmark Year: 2005)	503.9	506.7	513.0	501.2	471.1	482.7	471.6	475.3	479.1	486.9	499.3
Difference Before and After the Revision	20.2	20.2	18.7	19.5	18.4	17.7	19.8	19.6	24.1	26.8	31.3
SNA2008 Factor	19.4	20.4	21.4	21.4	19.3	19.4	19.6	19.7	20.6	22.4	23.9
Capitalization of R&D	16.7	17.4	18.2	18.3	16.7	16.3	16.6	16.6	17.1	18.2	19.0
Market Producers: Gross Fixed Capital Formation	13.5	14.1	14.8	14.9	13.4	13.1	13.3	13.3	13.8	14.8	15.7
Non-Market Producers: Consumption of Fixed Capital	3.3	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.4
Change in the Treatment of Patent Royalties	0.8	1.1	1.4	1.3	1.0	1.3	1.4	1.5	2.0	2.6	3.1
Capitalization of Defense Equipment	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6
Elaboration of Ownership Transfer Cost	1.1	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.9	0.9
Clarification of Central Bank Output	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Other Statistical Factor	0.8	-0.2	-2.7	-1.9	-1.0	-1.7	0.2	-0.1	3.5	4.4	7.3

Note: Other Statistical Factor includes the incorporation of source statistics (Input Output Table etc.) undertaken basically every five years, the improvement of methodologies (Construction Sector etc.) and the replacement of the preliminary estimates by the annual estimates for FY2015.

### 3. Factors of the Revisions to Real GDP Growth Rate

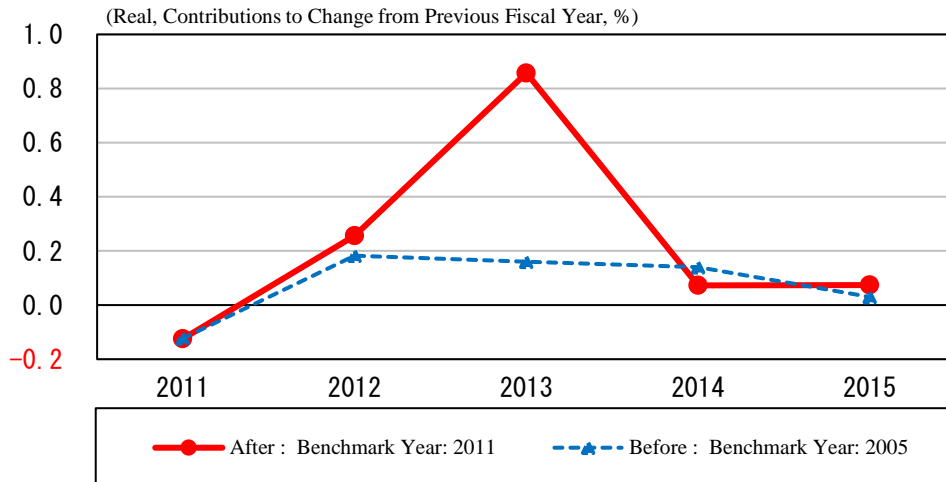
Differences of Contributions  
(Before and After the Revision)



#### Major Factors of the Revisions

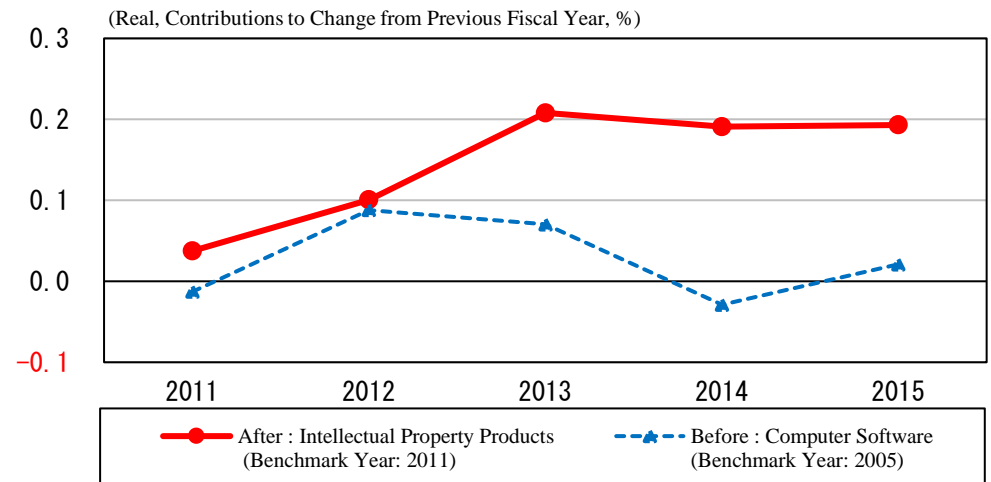
1. GDP in FY2013 is revised (from 2.0% to 2.6%) by improving the methodology to estimate output of Construction Sector in Private Non-Residential Investment.
2. GDP in FY2014 is revised (from -0.9% to -0.4%) by incorporating capitalization of R&D in Private Non-Residential Investment (implementation of SNA2008).
3. GDP in FY2015 is revised (from 0.9% to 1.3%) by replacing the preliminary estimate of Private Consumption by the first annual estimate through incorporating detailed source statistics.

Improvement of Methodology for Construction Sector  
Other Buildings and Structures of Gross Fixed Capital Formation



#### Capitalization of R&D

Intellectual Property Products of Gross Fixed Capital Formation  
(Comparison with Computer Software (Benchmark Year: 2005))



Note: Plant Engineering is reclassified from Other Machinery and Equipment etc. to Other Buildings and Structures after the Benchmark Year Revision of 2011

Note: Intellectual Property Products consists of Research and Development and Mineral Exploration and Evaluation in addition to Computer Software which was an independent category before the Benchmark Year Revision of 2011

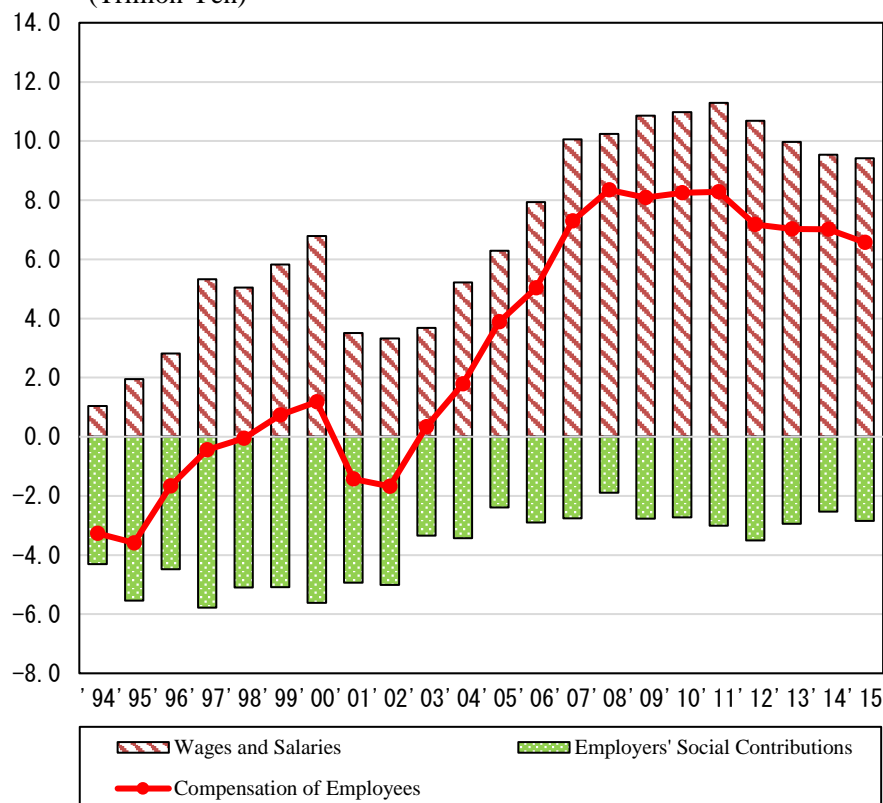
## 4. Factors of the Revisions to Compensation of Employees (Nominal)

### Major Factors of Revisions

The level of Compensation of Employees is revised by incorporating source statistics such as Population Census for 2010 and updating methods and concepts in estimation (reclassification of Directors' Bonuses from Property Income and improvement of methods to estimate the disparity in compensation between directors and other employees) etc.

Compensation of Employees  
(Difference Before and After the Revisions)

(Trillion Yen)



Compensation of Employees  
(Percent Change from Previous Fiscal Year)

(%)

