

Tables and Graphs:

C.1 Economic Output

Table C.1.1: Real GDP by Type of Expenditure – yearly
chained volumes, reference year 2010

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
							<i>Prelim.</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Outlook</i>	<i>Outlook</i>
Gross domestic product	<i>bill. CZK 2010</i>	4 062	3 865	3 954	4 031	3 999	3 971	4 066	4 166	4 272	4 377
	<i>growth in %</i>	2.7	-4.8	2.3	2.0	-0.8	-0.7	2.4	2.5	2.5	2.5
Private consumption exp.¹⁾	<i>bill. CZK 2010</i>	1 940	1 928	1 947	1 952	1 917	1 925	1 951	1 985	2 022	2 061
	<i>growth in %</i>	2.9	-0.7	1.0	0.2	-1.8	0.4	1.4	1.7	1.9	1.9
Government consumption exp.	<i>bill. CZK 2010</i>	783	807	810	786	778	796	811	827	838	847
	<i>growth in %</i>	1.1	3.0	0.4	-2.9	-1.0	2.3	1.9	2.0	1.3	1.1
Gross capital formation	<i>bill. CZK 2010</i>	1 256	1 029	1 074	1 094	1 053	1 000	1 059	1 109	1 147	1 184
	<i>growth in %</i>	1.2	-18.1	4.4	1.9	-3.7	-5.1	5.9	4.7	3.4	3.3
– Gross fixed capital formation	<i>bill. CZK 2010</i>	1 170	1 052	1 066	1 077	1 046	1 000	1 045	1 096	1 132	1 169
	<i>growth in %</i>	2.5	-10.1	1.3	1.1	-2.9	-4.4	4.5	4.9	3.3	3.2
– Change in stocks and valuables	<i>bill. CZK 2010</i>	86	-23	8	17	8	0	14	13	14	16
Exports of goods and services	<i>bill. CZK 2010</i>	2 527	2 278	2 616	2 860	2 977	2 986	3 233	3 409	3 584	3 757
	<i>growth in %</i>	4.2	-9.8	14.8	9.3	4.1	0.3	8.3	5.4	5.1	4.8
Imports of goods and services	<i>bill. CZK 2010</i>	2 439	2 171	2 494	2 661	2 726	2 734	2 984	3 160	3 317	3 471
	<i>growth in %</i>	3.2	-11.0	14.9	6.7	2.4	0.3	9.1	5.9	5.0	4.7
Gross domestic exp.	<i>bill. CZK 2010</i>	3 981	3 763	3 831	3 832	3 749	3 721	3 821	3 921	4 007	4 092
	<i>growth in %</i>	2.0	-5.5	1.8	0.0	-2.2	-0.7	2.7	2.6	2.2	2.1
Methodological discrepancy²⁾	<i>bill. CZK 2010</i>	-5	-6	0	0	-1	-1	-4	-4	-2	-1
Real gross domestic income	<i>bill. CZK 2010</i>	4 066	3 915	3 954	3 988	3 940	3 943	4 094	4 225	4 332	4 439
	<i>growth in %</i>	1.8	-3.7	1.0	0.9	-1.2	0.1	3.8	3.2	2.5	2.5
Contribution to GDP growth³⁾											
– Gross domestic expenditure	<i>percent. points</i>	1.9	-5.4	1.7	0.0	-2.1	-0.7	2.5	2.4	2.0	2.0
– consumption	<i>percent. points</i>	1.6	0.3	0.6	-0.5	-1.1	0.6	1.1	1.2	1.2	1.1
– household expenditure	<i>percent. points</i>	1.3	-0.3	0.5	0.1	-0.9	0.2	0.7	0.8	0.9	0.9
– government expenditure	<i>percent. points</i>	0.2	0.6	0.1	-0.6	-0.2	0.4	0.4	0.4	0.2	0.2
– gross capital formation	<i>percent. points</i>	0.4	-5.6	1.2	0.5	-1.0	-1.3	1.5	1.2	0.9	0.9
– gross fixed capital formation	<i>percent. points</i>	0.8	-2.9	0.4	0.3	-0.8	-1.1	1.1	1.2	0.8	0.8
– change in stocks	<i>percent. points</i>	-0.4	-2.7	0.8	0.2	-0.2	-0.2	0.4	0.0	0.0	0.0
– Foreign balance	<i>percent. points</i>	0.8	0.5	0.5	1.9	1.3	0.0	-0.1	0.0	0.5	0.5
– external balance of goods	<i>percent. points</i>	0.9	0.6	0.8	2.0	1.4	0.1	-0.1	0.0	0.4	0.4
– external balance of services	<i>percent. points</i>	-0.1	-0.1	-0.3	-0.1	-0.1	-0.1	-0.1	0.1	0.1	0.1
Gross value added	<i>bill. CZK 2010</i>	3 685	3 483	3 583	3 654	3 627	3 606	.	.	.	.
	<i>growth in %</i>	3.6	-5.5	2.9	2.0	-0.7	-0.6	.	.	.	.
Net taxes on products	<i>bill. CZK 2010</i>	377	384	371	378	371	365	.	.	.	.

Source: CZSO, own calculations

1) The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

2) Deterministic impact of using prices and structure of the previous year for calculation of y-o-y growth.

3) Calculated on the basis of prices and structure of the previous year with perfectly additive contributions.

Table C.1.2: Real GDP by Type of Expenditure – quarterly
 chained volumes, reference year 2010

		2013				2014			
		Q1 <i>Prelim.</i>	Q2 <i>Prelim.</i>	Q3 <i>Prelim.</i>	Q4 <i>Prelim.</i>	Q1 <i>Prelim.</i>	Q2 <i>Prelim.</i>	Q3 <i>Estimate</i>	Q4 <i>Forecast</i>
Gross domestic product	<i>bill. CZK 2010</i>	926	993	1 010	1 041	950	1 018	1 040	1 058
	<i>growth in %</i>	-2.7	-1.4	0.3	0.8	2.6	2.5	2.9	1.6
	<i>growth in % ¹⁾</i>	-2.2	-1.3	-0.5	1.1	2.6	2.5	2.5	2.0
	<i>quart.growth in % ¹⁾</i>	-0.8	0.5	0.4	1.1	0.6	0.3	0.4	0.6
Private consumption exp. ²⁾	<i>bill. CZK 2010</i>	455	479	491	499	458	486	498	509
	<i>growth in %</i>	-1.2	0.1	1.5	1.1	0.8	1.5	1.3	1.9
Government consumption exp.	<i>bill. CZK 2010</i>	185	192	196	222	188	198	199	226
	<i>growth in %</i>	0.9	1.3	3.4	3.4	1.4	2.6	1.8	1.8
Gross capital formation	<i>bill. CZK 2010</i>	210	238	274	278	215	261	298	286
	<i>growth in %</i>	-7.9	-11.3	-1.4	-0.6	2.5	9.3	8.8	2.8
– Gross fixed capital formation	<i>bill. CZK 2010</i>	224	237	255	283	230	251	267	297
	<i>growth in %</i>	-7.5	-7.4	-2.4	-0.9	2.6	5.6	4.7	4.9
– Change in stocks and valuables	<i>bill. CZK 2010</i>	-15	1	19	-5	-15	10	31	-11
Exports of goods and services	<i>bill. CZK 2010</i>	712	747	741	785	794	808	795	837
	<i>growth in %</i>	-6.2	0.2	2.7	4.5	11.4	8.1	7.3	6.5
Imports of goods and services	<i>bill. CZK 2010</i>	637	664	691	742	705	734	749	797
	<i>growth in %</i>	-6.1	-1.7	3.9	5.0	10.7	10.5	8.3	7.4
Methodological discrepancy ³⁾	<i>bill. CZK 2010</i>	0	1	-1	-2	0	0	-1	-2
Real gross domestic income	<i>bill. CZK 2010</i>	916	984	1 004	1 039	953	1 026	1 048	1 068
	<i>growth in %</i>	-2.0	-0.7	1.2	1.8	4.0	4.2	4.3	2.8
Gross value added	<i>bill. CZK 2010</i>	852	908	916	930	877	937	.	.
	<i>growth in %</i>	-2.2	-0.8	0.5	0.2	2.9	3.2	.	.
	<i>growth in % ¹⁾</i>	-1.8	-1.0	-0.3	0.9	2.8	3.0	.	.
	<i>quart.growth in % ¹⁾</i>	-0.5	0.3	0.2	0.9	1.3	0.5	.	.
Net taxes on products	<i>bill. CZK 2010</i>	76	86	94	109	76	83	.	.

Source: CZSO, own calculations

1) From seasonally and working day adjusted data

2) The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

3) Deterministic impact of using prices and structure of the previous year for calculation of y-o-y growth.

Table C.1.3: Nominal GDP by Type of Expenditure – yearly

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
							<i>Prelim.</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Outlook</i>	<i>Outlook</i>
Gross domestic product	<i>bill. CZK</i>	4 015	3 922	3 954	4 022	4 048	4 086	4 284	4 467	4 635	4 810
	<i>growth in %</i>	4.8	-2.3	0.8	1.7	0.6	1.0	4.8	4.3	3.8	3.8
Private consumption ¹⁾	<i>bill. CZK</i>	1 913	1 918	1 947	1 984	1 998	2 026	2 066	2 134	2 216	2 302
	<i>growth in %</i>	7.8	0.2	1.5	1.9	0.7	1.4	1.9	3.3	3.8	3.9
Government consumption	<i>bill. CZK</i>	766	812	810	792	783	802	826	850	867	884
	<i>growth in %</i>	4.6	6.0	-0.3	-2.2	-1.1	2.4	2.9	3.0	2.0	1.9
Gross capital formation	<i>bill. CZK</i>	1 249	1 040	1 074	1 088	1 066	1 022	1 094	1 151	1 197	1 245
	<i>growth in %</i>	1.5	-16.8	3.3	1.2	-2.0	-4.1	7.1	5.2	3.9	4.0
– Gross fixed capital formation	<i>bill. CZK</i>	1 165	1 063	1 066	1 069	1 055	1 019	1 077	1 136	1 182	1 228
	<i>growth in %</i>	2.9	-8.7	0.2	0.3	-1.3	-3.4	5.7	5.5	4.0	3.9
– Change in stocks and valuables	<i>bill. CZK</i>	84	-24	8	19	11	3	17	15	15	17
External balance	<i>bill. CZK</i>	87	152	123	159	200	235	298	331	355	380
– Exports of goods and services	<i>bill. CZK</i>	2 544	2 307	2 616	2 881	3 098	3 155	3 563	3 785	3 992	4 197
	<i>growth in %</i>	-0.2	-9.3	13.4	10.1	7.5	1.8	12.9	6.3	5.5	5.1
– Imports of goods and services	<i>bill. CZK</i>	2 457	2 154	2 494	2 722	2 897	2 919	3 265	3 454	3 637	3 818
	<i>growth in %</i>	0.0	-12.3	15.8	9.1	6.4	0.8	11.8	5.8	5.3	5.0
Gross national income	<i>bill. CZK</i>	3 690	3 576	3 584	3 636	3 710	3 712	3 898	4 055	4 194	4 334
	<i>growth in %</i>	4.7	-3.1	0.2	1.4	2.0	0.1	5.0	4.0	3.4	3.3
Primary income balance	<i>bill. CZK</i>	-325	-346	-370	-387	-338	-374	-386	-412	-441	-477

Source: CZSO, own calculations

1) The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

Table C.1.4: Nominal GDP by Type of Expenditure – quarterly

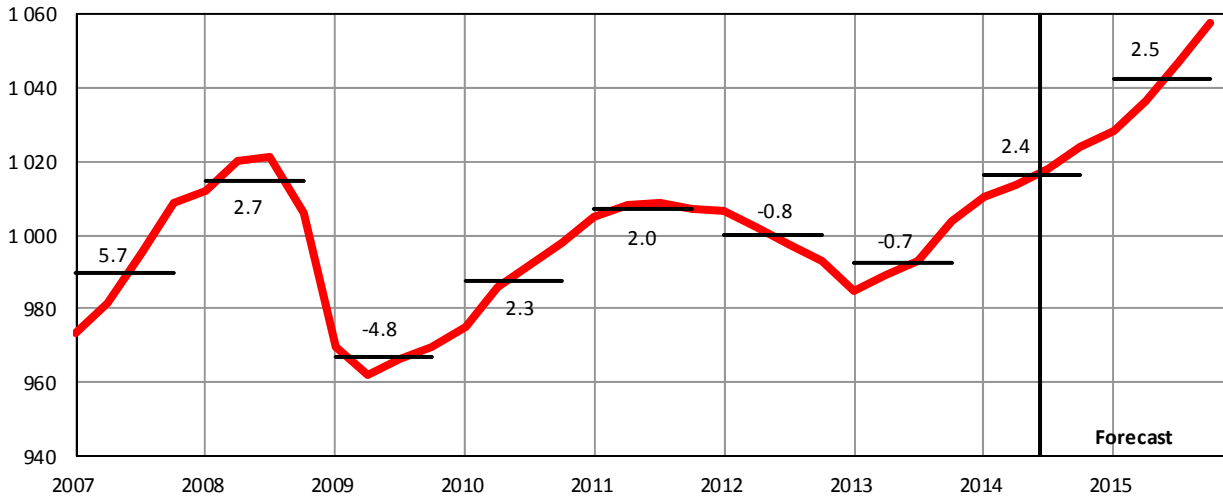
		2013				2014			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Estimate</i>	<i>Forecast</i>
Gross domestic product	<i>bill. CZK</i>	943	1 019	1 038	1 086	990	1 072	1 093	1 129
	<i>growth in %</i>	-1.2	0.0	1.9	2.9	4.9	5.2	5.3	4.0
Private consumption ¹⁾	<i>bill. CZK</i>	477	504	518	527	482	513	528	543
	<i>growth in %</i>	-0.1	1.3	2.4	2.1	1.1	1.7	2.0	3.0
Government consumption	<i>bill. CZK</i>	182	193	196	231	187	201	200	237
	<i>growth in %</i>	0.6	1.4	3.3	3.9	2.6	4.3	2.3	2.7
Gross capital formation	<i>bill. CZK</i>	215	244	279	285	222	270	306	296
	<i>growth in %</i>	-6.4	-10.7	-0.6	0.7	3.0	10.8	9.9	4.1
– Gross fixed capital formation	<i>bill. CZK</i>	229	242	259	290	237	259	275	307
	<i>growth in %</i>	-6.6	-6.7	-1.8	0.8	3.8	6.9	6.1	5.8
– Change in stocks and valuables	<i>bill. CZK</i>	-14	2	20	-5	-16	12	32	-10
External balance	<i>bill. CZK</i>	69	77	46	43	99	88	58	53
– Exports of goods and services	<i>bill. CZK</i>	747	787	778	842	871	886	880	925
	<i>growth in %</i>	-5.0	1.1	3.6	7.7	16.5	12.6	13.1	9.9
– Imports of goods and services	<i>bill. CZK</i>	678	710	733	799	771	799	822	873
	<i>growth in %</i>	-5.9	-1.6	3.5	6.9	13.8	12.5	12.2	9.2

Source: CZSO, own calculations

1) The consumption of non-profit institutions serving households (NPISH) is included in the private consumption.

Graph C.1.1: Gross Domestic Product (real)

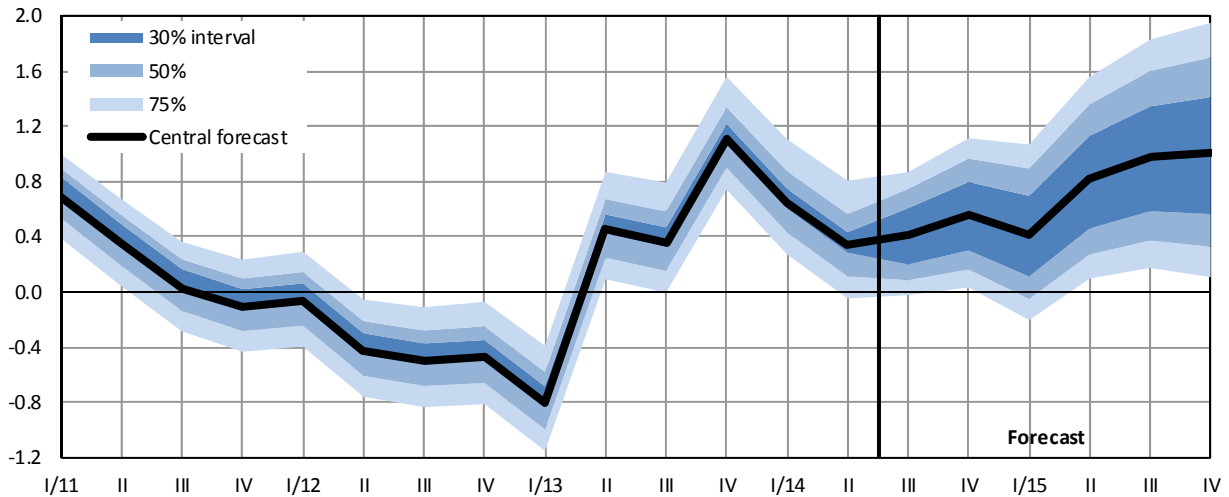
chained volumes, bill. CZK in const. prices of 2005, seasonally adjusted, growth rates in %



Source: CZSO, own calculations

Graph C.1.2: Gross Domestic Product (real)

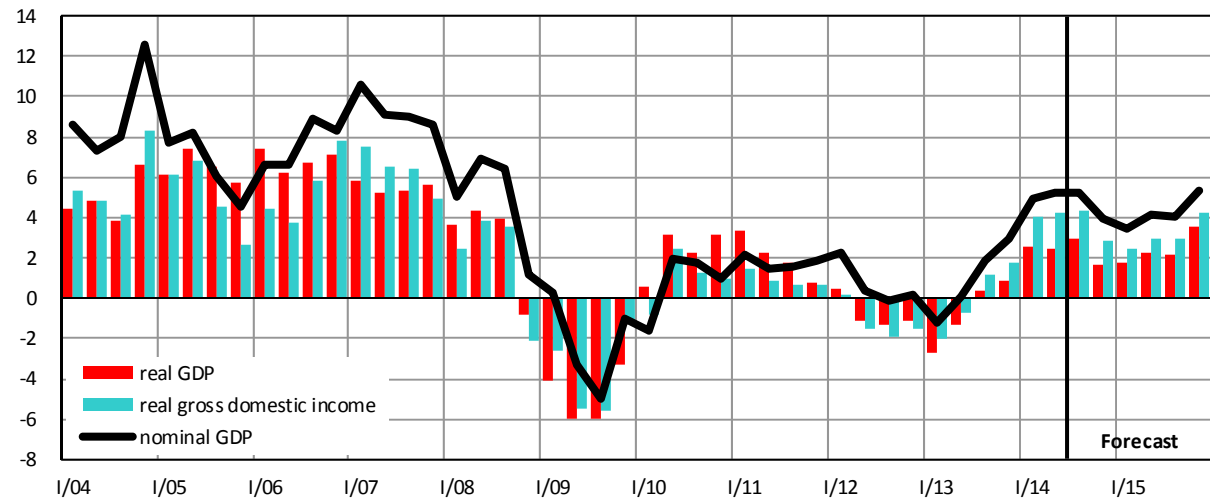
QoQ growth rate, in %, seasonally adjusted, past probability distribution reflects the actual distribution of data revisions, future probability distribution is based upon the MoF's forecasting performance



Source: CZSO, own calculations

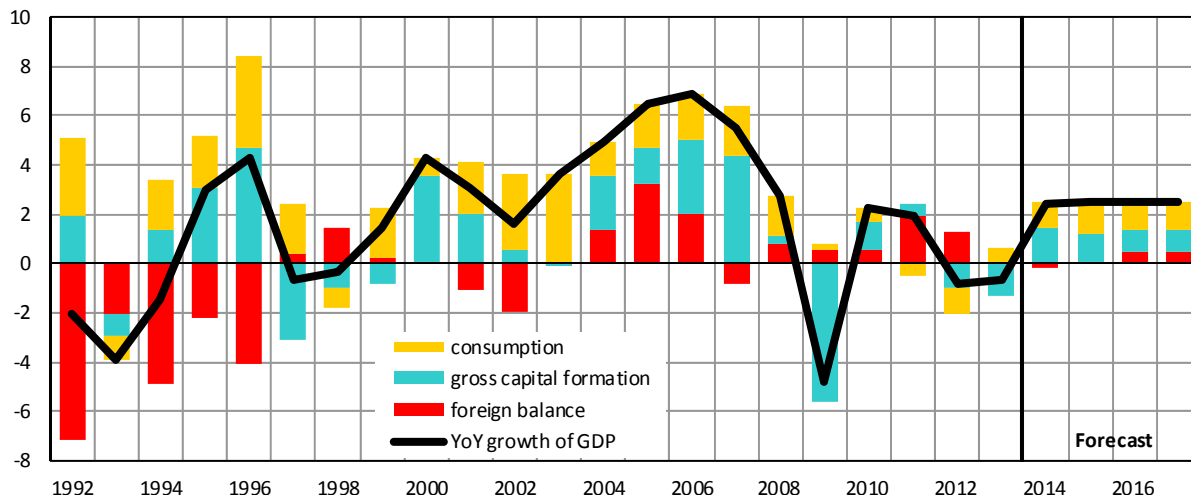
Graph C.1.3: Gross Domestic Product and Real Gross Domestic Income

YoY growth rate, in %



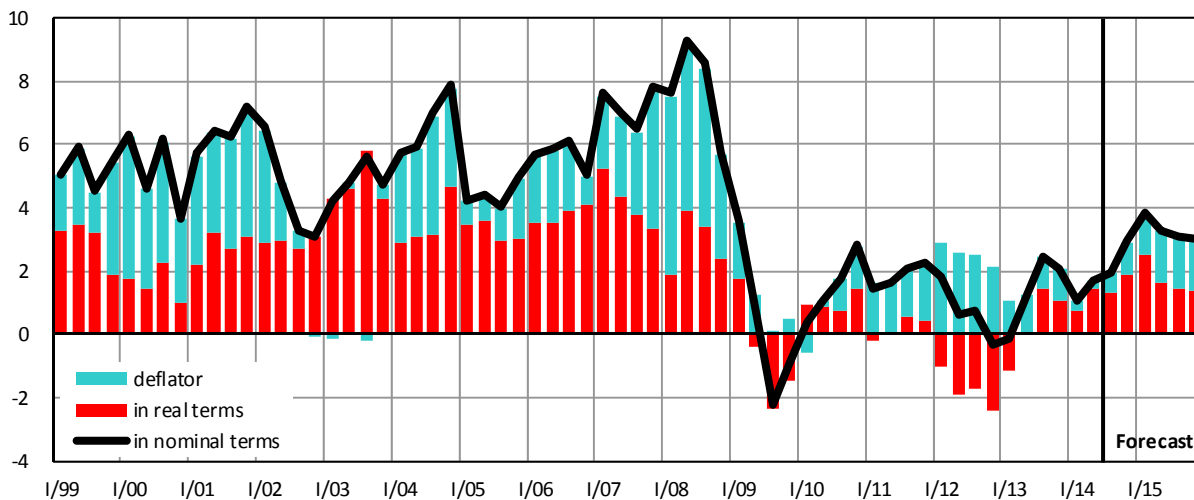
Source: CZSO, own calculations

Graph C.1.4: Gross Domestic Product (real) – contributions to YoY growth
 decomposition of GDP YoY growth, contributions in percentage points, GDP growth rate in %



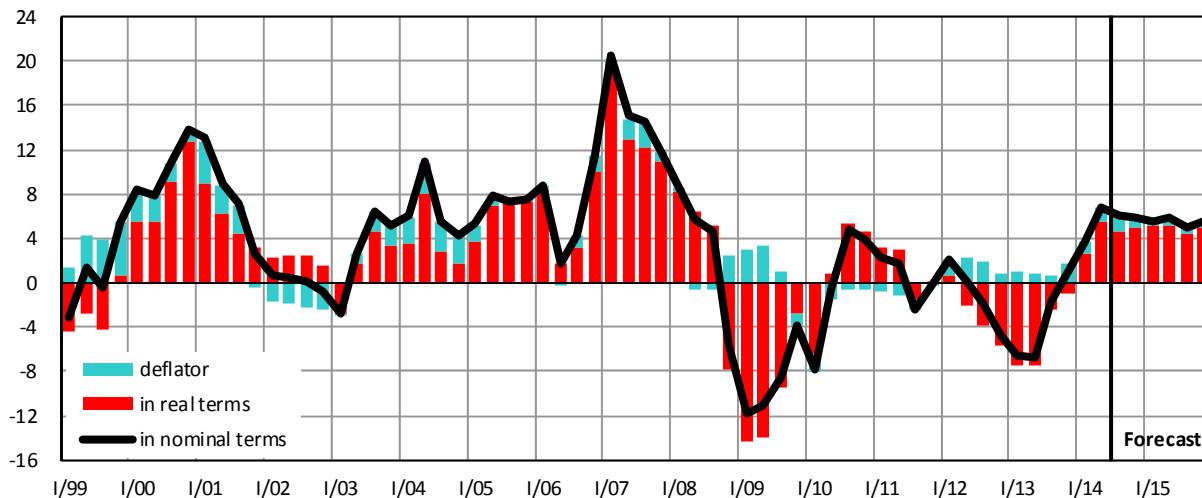
Source: CZSO, own calculations

Graph C.1.5: Private Consumption (incl. NPISH)
 YoY growth rate, in %



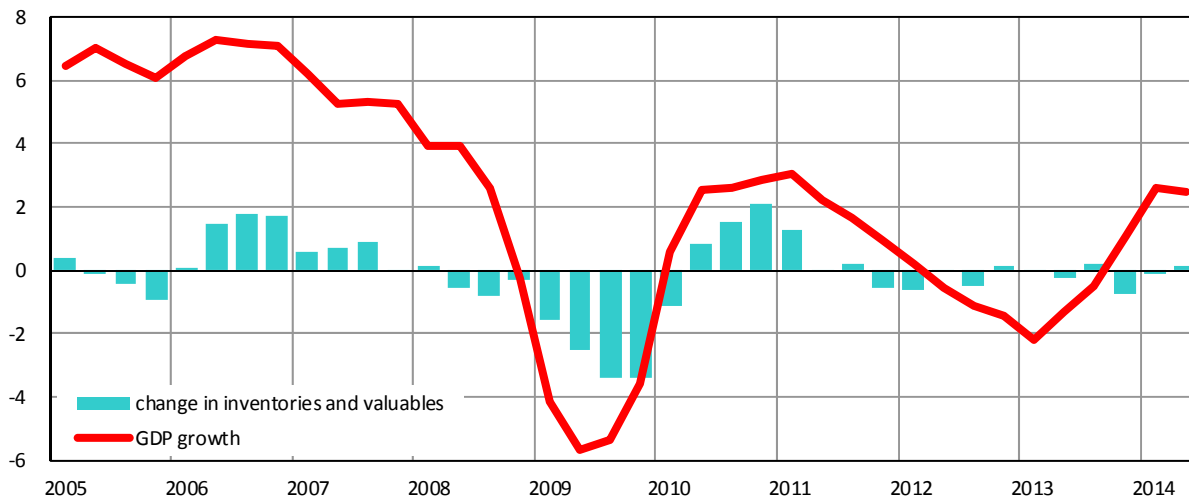
Source: CZSO, own calculations

Graph C.1.6: Gross Fixed Capital Formation
 YoY growth rate, in %



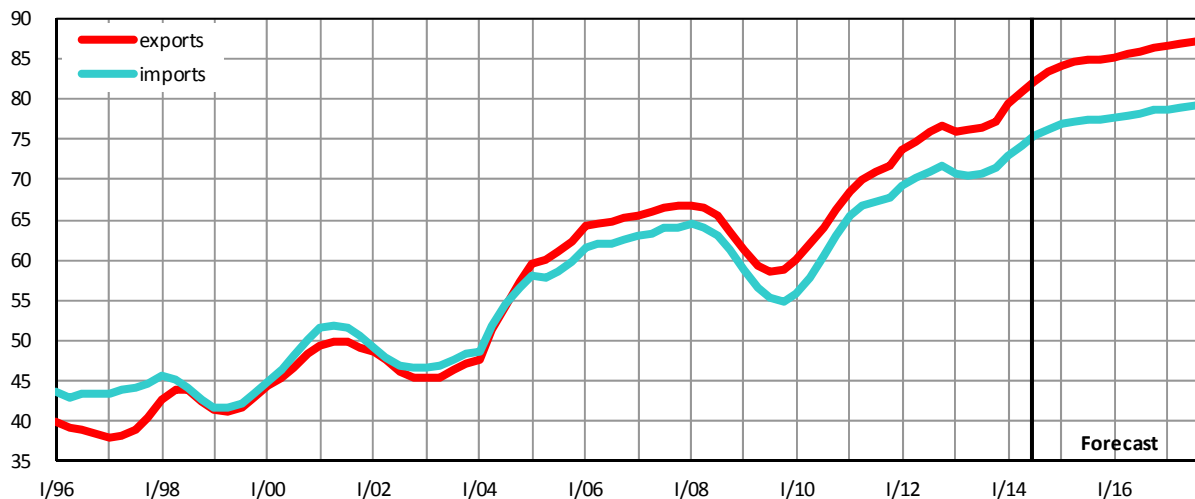
Source: CZSO, own calculations

Graph C.1.7: Change in Inventories and Valuables (real)
seasonally adjusted, contributions to YoY growth of GDP in percentage points



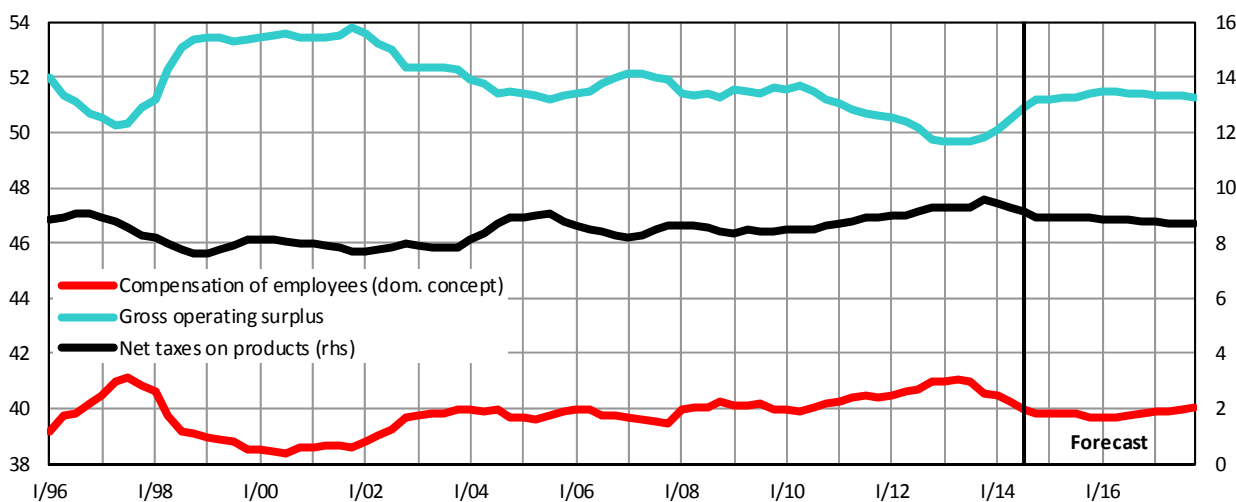
Source: CZSO

Graph C.1.8: Ratio of Exports and Imports of Goods and Services to GDP (nominal)
yearly moving sums, in %



Source: CZSO, own calculations

Graph C.1.9: GDP – Income Structure
yearly moving sums, in %



Source: CZSO, own calculations

Table C.1.5: GDP by Type of Income – yearly

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
							<i>Prelim.</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Outlook</i>	<i>Outlook</i>
GDP	<i>bill. CZK</i>	4 015	3 922	3 954	4 022	4 048	4 086	4 284	4 467	4 635	4 810
	<i>growth in %</i>	4.8	-2.3	0.8	1.7	0.6	1.0	4.8	4.3	3.8	3.8
Balance of taxes and subsidies	<i>bill. CZK</i>	339	329	341	360	376	392	383	397	408	417
	<i>growth in %</i>	2.5	-2.9	3.5	5.7	4.4	4.2	-2.2	3.5	2.8	2.3
– Taxes on production and imports	<i>bill. CZK</i>	423	430	447	488	507	532	.	.	.	.
	<i>growth in %</i>	3.0	1.5	4.0	9.0	4.1	4.8	.	.	.	.
– Subsidies on production	<i>bill. CZK</i>	84	101	107	127	131	140	.	.	.	.
	<i>growth in %</i>	5.0	19.4	5.7	19.6	3.1	6.3	.	.	.	.
Compensation of employees	<i>bill. CZK</i>	1 617	1 569	1 589	1 626	1 658	1 658	1 707	1 773	1 846	1 926
	<i>growth in %</i>	6.8	-3.0	1.3	2.3	2.0	0.0	3.0	3.9	4.1	4.4
– Wages and salaries	<i>bill. CZK</i>	1 226	1 202	1 209	1 236	1 262	1 257	1 294	1 343	1 399	1 456
	<i>growth in %</i>	7.5	-2.0	0.6	2.2	2.1	-0.4	2.9	3.9	4.1	4.1
– Social security contributions	<i>bill. CZK</i>	390	367	380	390	396	401	413	429	447	470
	<i>growth in %</i>	4.7	-6.1	3.7	2.5	1.6	1.3	3.1	3.9	4.1	5.1
Gross operating surplus	<i>bill. CZK</i>	2 060	2 024	2 024	2 037	2 014	2 036	2 193	2 297	2 381	2 467
	<i>growth in %</i>	3.6	-1.7	0.0	0.6	-1.1	1.1	7.7	4.7	3.7	3.6
– Consumption of capital	<i>bill. CZK</i>	811	841	850	863	880	905	935	971	1 009	1 047
	<i>growth in %</i>	6.3	3.6	1.0	1.6	1.9	2.9	3.2	3.9	3.9	3.8
– Net operating surplus	<i>bill. CZK</i>	1 248	1 183	1 174	1 173	1 135	1 131	1 259	1 326	1 372	1 420
	<i>growth in %</i>	1.9	-5.2	-0.8	-0.1	-3.3	-0.3	11.3	5.3	3.5	3.5

Source: CZSO, own calculations

Table C.1.6: GDP by Type of Income – quarterly

		2013				2014			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Estimate</i>	<i>Forecast</i>
GDP	<i>bill. CZK</i>	943	1 019	1 038	1 086	990	1 072	1 093	1 129
	<i>growth in %</i>	-1.2	0.0	1.9	2.9	4.9	5.2	5.3	4.0
Balance of taxes and subsidies	<i>bill. CZK</i>	81	95	108	107	78	95	106	104
	<i>growth in %</i>	-0.8	-1.7	3.3	16.1	-4.2	0.2	-2.1	-3.1
Compensation of employees	<i>bill. CZK</i>	398	412	412	437	412	424	422	449
	<i>growth in %</i>	-0.5	0.7	1.2	-1.2	3.5	3.0	2.5	2.7
– Wages and salaries	<i>bill. CZK</i>	301	312	313	332	311	321	321	341
	<i>growth in %</i>	-0.5	0.5	1.0	-2.3	3.4	3.0	2.5	2.7
– Social security contributions	<i>bill. CZK</i>	97	100	99	105	101	103	102	108
	<i>growth in %</i>	-0.5	1.2	2.1	2.5	3.9	3.1	2.5	2.7
Gross operating surplus	<i>bill. CZK</i>	464	512	518	542	500	553	565	576
	<i>growth in %</i>	-1.9	-0.2	2.1	4.0	7.7	7.9	8.9	6.4

Source: CZSO, own calculations