

Tables and Graphs:

C.1 Economic Output

Table C.1.1: Real GDP by Type of Expenditure – yearly
chained volumes, reference year 2005

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
							Prelim.	Forecast	Forecast	Outlook	Outlook
Gross domestic product	<i>bill. CZK 2005</i>	3635	3471	3557	3622	3585	3551	3613	3685	3768	3863
	<i>growth in %</i>	3.1	-4.5	2.5	1.8	-1.0	-0.9	1.7	2.0	2.2	2.5
Private consumption exp.¹⁾	<i>bill. CZK 2005</i>	1720	1724	1740	1749	1711	1714	1723	1749	1782	1816
	<i>growth in %</i>	2.8	0.2	0.9	0.5	-2.1	0.1	0.6	1.5	1.9	1.9
Government consumption exp.	<i>bill. CZK 2005</i>	674	701	703	684	671	682	687	691	700	708
	<i>growth in %</i>	1.2	4.0	0.2	-2.7	-1.9	1.6	0.8	0.7	1.2	1.2
Gross capital formation	<i>bill. CZK 2005</i>	1071	855	901	908	863	825	853	872	892	922
	<i>growth in %</i>	1.9	-20.2	5.4	0.8	-5.0	-4.4	3.4	2.3	2.3	3.3
– Gross fixed capital formation	<i>bill. CZK 2005</i>	1004	893	902	905	864	834	856	873	891	919
	<i>growth in %</i>	4.1	-11.0	1.0	0.4	-4.5	-3.5	2.7	2.0	2.1	3.1
– Change in stocks and valuables	<i>bill. CZK 2005</i>	68	-38	-1	3	-1	-9	-3	0	1	3
Exports of goods and services	<i>bill. CZK 2005</i>	2642	2354	2717	2977	3109	3115	3233	3368	3515	3688
	<i>growth in %</i>	4.0	-10.9	15.4	9.5	4.5	0.2	3.8	4.2	4.4	4.9
Imports of goods and services	<i>bill. CZK 2005</i>	2467	2169	2503	2678	2739	2755	2849	2956	3078	3221
	<i>growth in %</i>	2.7	-12.1	15.4	7.0	2.3	0.6	3.4	3.8	4.1	4.7
Gross domestic exp.	<i>bill. CZK 2005</i>	3465	3288	3351	3347	3252	3231	3272	3321	3382	3452
	<i>growth in %</i>	2.2	-5.1	1.9	-0.1	-2.8	-0.7	1.3	1.5	1.8	2.1
Methodological discrepancy²⁾	<i>bill. CZK 2005</i>	-6	7	-1	-18	-31	-28	-34	-39	-43	-49
Real gross domestic income	<i>bill. CZK 2005</i>	3562	3441	3482	3504	3455	3460	3550	3636	3718	3811
	<i>growth in %</i>	2.1	-3.4	1.2	0.6	-1.4	0.1	2.6	2.4	2.2	2.5
Contribution to GDP growth³⁾											
– Gross domestic expenditure	<i>percent. points</i>	2.2	-5.0	1.8	-0.1	-2.7	-0.6	1.2	1.4	1.7	1.9
– consumption	<i>percent. points</i>	1.6	0.9	0.5	-0.3	-1.5	0.4	0.4	0.9	1.2	1.2
– household expenditure	<i>percent. points</i>	1.4	0.1	0.5	0.3	-1.1	0.1	0.3	0.7	0.9	0.9
– government expenditure	<i>percent. points</i>	0.2	0.8	0.1	-0.6	-0.4	0.3	0.2	0.1	0.2	0.2
– gross capital formation	<i>percent. points</i>	0.6	-5.9	1.3	0.2	-1.2	-1.0	0.8	0.5	0.5	0.7
– gross fixed capital formation	<i>percent. points</i>	1.1	-3.0	0.3	0.1	-1.1	-0.8	0.6	0.4	0.5	0.7
– change in stocks	<i>percent. points</i>	-0.5	-2.9	1.0	0.1	-0.1	-0.2	0.2	0.1	0.0	0.0
– Foreign balance	<i>percent. points</i>	0.9	0.5	0.6	1.9	1.7	-0.3	0.5	0.6	0.6	0.6
– external balance of goods	<i>percent. points</i>	0.5	0.5	0.6	2.1	1.7	0.0	0.4	0.6	0.5	0.5
– external balance of services	<i>percent. points</i>	0.4	0.0	0.1	-0.2	0.0	-0.4	0.1	0.0	0.1	0.1
Gross value added	<i>bill. CZK 2005</i>	3320	3148	3247	3305	3273	3244	.	.	.	.
	<i>growth in %</i>	4.1	-5.2	3.1	1.8	-1.0	-0.9	.	.	.	.
Net taxes on products	<i>bill. CZK 2005</i>	316	321	310	316	311	307	.	.	.	.

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 2005

		2013				2014			
		Q1 <i>Prelim.</i>	Q2 <i>Prelim.</i>	Q3 <i>Prelim.</i>	Q4 <i>Prelim.</i>	Q1 <i>Estimate</i>	Q2 <i>Forecast</i>	Q3 <i>Forecast</i>	Q4 <i>Forecast</i>
Gross domestic product	<i>bill. CZK 2005</i>	829	887	902	934	845	906	923	938
	<i>growth in %</i>	-2.9	-1.7	-0.1	0.8	2.0	2.1	2.4	0.4
	<i>growth in % ¹⁾</i>	-2.3	-1.6	-1.0	1.2	2.0	2.1	2.1	0.7
	<i>quart.growth in % ¹⁾</i>	-1.3	0.3	0.3	1.8	-0.5	0.3	0.4	0.5
Private consumption exp. ²⁾	<i>bill. CZK 2005</i>	403	425	438	447	405	428	439	451
	<i>growth in %</i>	-1.7	-0.2	1.3	1.0	0.3	0.7	0.4	0.8
Government consumption exp.	<i>bill. CZK 2005</i>	159	166	167	189	161	167	169	190
	<i>growth in %</i>	1.1	0.8	2.6	1.9	1.0	0.7	0.8	0.5
Gross capital formation	<i>bill. CZK 2005</i>	174	197	228	226	182	207	244	220
	<i>growth in %</i>	-5.9	-11.4	0.9	-1.6	4.7	4.7	7.0	-2.4
– Gross fixed capital formation	<i>bill. CZK 2005</i>	183	199	213	239	189	206	218	244
	<i>growth in %</i>	-6.8	-6.6	-3.2	1.7	3.4	3.4	2.3	1.9
– Change in stocks and valuables	<i>bill. CZK 2005</i>	-9	-2	15	-13	-7	1	26	-23
Exports of goods and services	<i>bill. CZK 2005</i>	748	781	777	808	779	813	805	837
	<i>growth in %</i>	-5.3	0.5	2.8	2.8	4.2	4.0	3.6	3.5
Imports of goods and services	<i>bill. CZK 2005</i>	648	674	702	731	672	698	725	754
	<i>growth in %</i>	-4.5	-0.9	5.2	2.5	3.7	3.6	3.3	3.1
Methodological discrepancy ³⁾	<i>bill. CZK 2005</i>	-8	-8	-7	-5	-9	-10	-8	-6
Real gross domestic income	<i>bill. CZK 2005</i>	804	863	878	915	830	889	906	925
	<i>growth in %</i>	-1.9	-0.7	0.9	2.2	3.2	3.0	3.2	1.1
Gross value added	<i>bill. CZK 2005</i>	764	814	825	842	.	.	.	.
	<i>growth in %</i>	-2.6	-1.5	0.2	0.3	.	.	.	.
	<i>growth in % ¹⁾</i>	-2.0	-1.4	-0.8	0.7	.	.	.	.
	<i>quart.growth in % ¹⁾</i>	-0.3	0.0	0.2	0.8	.	.	.	.
Net taxes on products	<i>bill. CZK 2005</i>	66	74	77	90	.	.	.	.

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>	3848	3759	3791	3823	3846	3884	4023	4173	4303	4471
	<i>growth in %</i>	5.1	-2.3	0.8	0.9	0.6	1.0	3.6	3.7	3.1	3.9
Private consumption ¹⁾	<i>bill. CZK</i>	1883	1902	1917	1935	1944	1969	1996	2066	2135	2220
	<i>growth in %</i>	7.8	1.0	0.8	1.0	0.5	1.3	1.4	3.5	3.3	4.0
Government consumption	<i>bill. CZK</i>	759	809	807	793	789	802	816	830	844	861
	<i>growth in %</i>	4.6	6.6	-0.2	-1.8	-0.5	1.7	1.7	1.8	1.6	2.0
Gross capital formation	<i>bill. CZK</i>	1114	896	940	937	898	865	900	924	948	985
	<i>growth in %</i>	2.0	-19.5	4.8	-0.3	-4.2	-3.6	4.0	2.7	2.5	4.0
– Gross fixed capital formation	<i>bill. CZK</i>	1031	926	931	923	888	858	893	919	945	981
	<i>growth in %</i>	4.2	-10.2	0.5	-0.9	-3.8	-3.3	4.0	2.9	2.8	3.8
– Change in stocks and valuables	<i>bill. CZK</i>	83	-30	9	14	10	7	7	5	3	4
External balance	<i>bill. CZK</i>	92	152	127	159	215	247	311	353	377	405
– Exports of goods and services	<i>bill. CZK</i>	2480	2216	2524	2787	3001	3053	3277	3422	3583	3770
	<i>growth in %</i>	-0.7	-10.7	13.9	10.4	7.7	1.7	7.3	4.4	4.7	5.2
– Imports of goods and services	<i>bill. CZK</i>	2388	2064	2397	2628	2786	2806	2966	3070	3206	3365
	<i>growth in %</i>	-0.5	-13.6	16.1	9.6	6.0	0.7	5.7	3.5	4.4	5.0
Gross national income	<i>bill. CZK</i>	3668	3508	3506	3566	3561	3627	3709	3821	3923	4055
	<i>growth in %</i>	7.8	-4.3	-0.1	1.7	-0.1	1.8	2.3	3.0	2.7	3.4
Primary income balance	<i>bill. CZK</i>	-180	-251	-285	-258	-285	-257	-314	-352	-380	-416

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

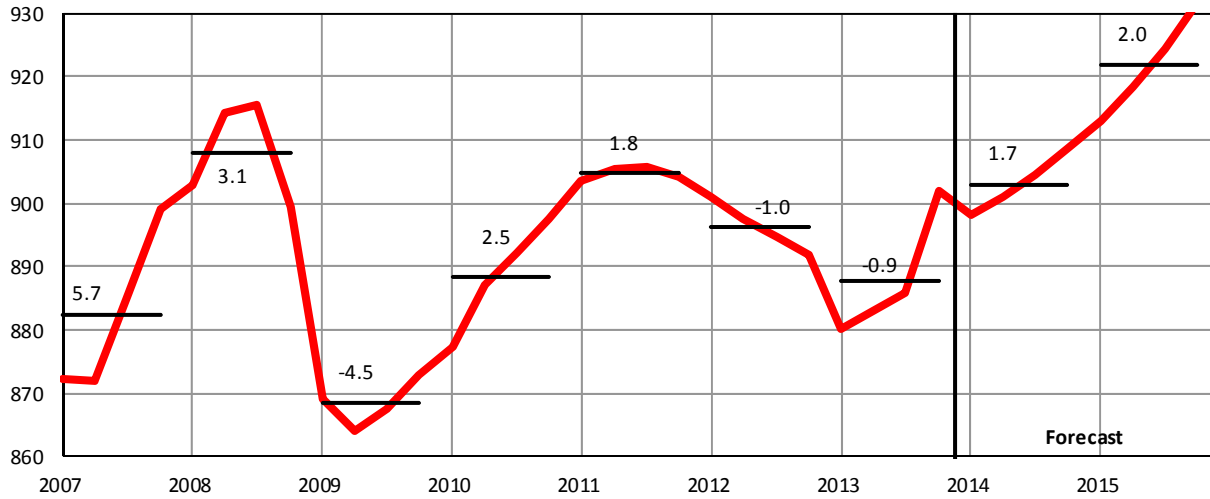
		2013				2014			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
		<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Prelim.</i>	<i>Estimate</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Forecast</i>
Gross domestic product	<i>bill. CZK</i>	898	968	983	1034	931	1004	1026	1062
	<i>growth in %</i>	-1.1	0.1	1.5	3.1	3.8	3.6	4.3	2.7
Private consumption ¹⁾	<i>bill. CZK</i>	463	490	504	512	464	495	511	525
	<i>growth in %</i>	-0.4	1.0	2.4	1.9	0.3	1.1	1.5	2.5
Government consumption	<i>bill. CZK</i>	183	194	196	231	185	196	199	235
	<i>growth in %</i>	0.8	1.0	2.5	2.4	1.2	1.4	1.9	2.0
Gross capital formation	<i>bill. CZK</i>	183	207	238	237	193	217	256	234
	<i>growth in %</i>	-4.7	-10.8	1.5	-0.6	5.5	4.8	7.6	-1.4
– Gross fixed capital formation	<i>bill. CZK</i>	188	205	218	247	197	214	227	255
	<i>growth in %</i>	-6.5	-6.6	-3.4	2.3	4.6	4.5	3.9	3.3
– Change in stocks and valuables	<i>bill. CZK</i>	-5	2	20	-10	-4	3	29	-21
External balance	<i>bill. CZK</i>	69	78	46	54	89	95	59	67
– Exports of goods and services	<i>bill. CZK</i>	727	763	756	806	792	821	812	852
	<i>growth in %</i>	-4.2	1.3	3.6	6.3	8.9	7.6	7.5	5.6
– Imports of goods and services	<i>bill. CZK</i>	658	686	710	752	702	726	753	784
	<i>growth in %</i>	-4.6	-1.4	4.7	4.2	6.7	6.0	6.1	4.3

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)

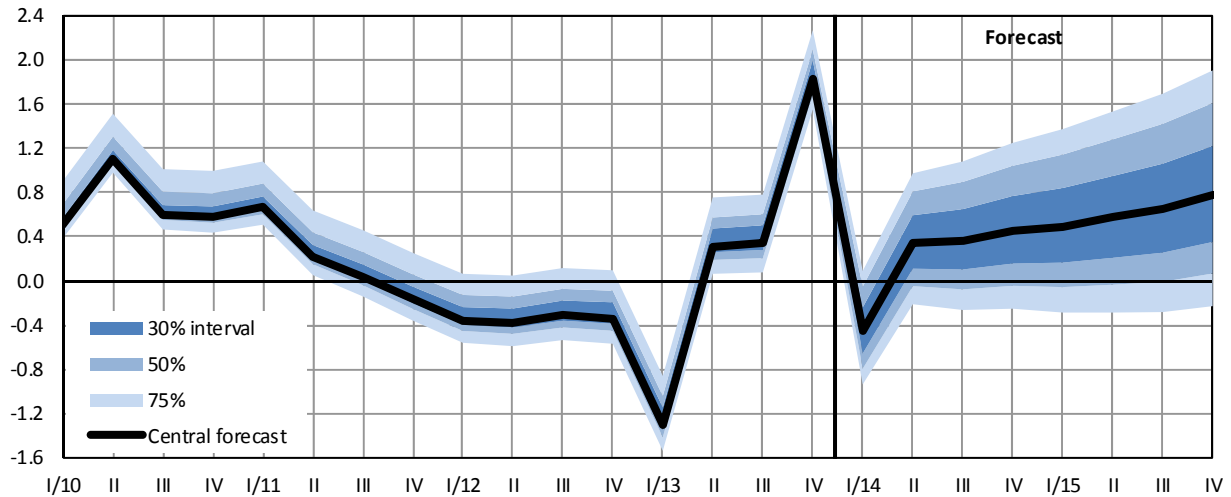
chained volumes, bill. CZK in const. prices of 2005, seasonally adjusted, growth rates in %



Source: CZSO, own calculations

Graph C.1.2: Gross Domestic Product (real)

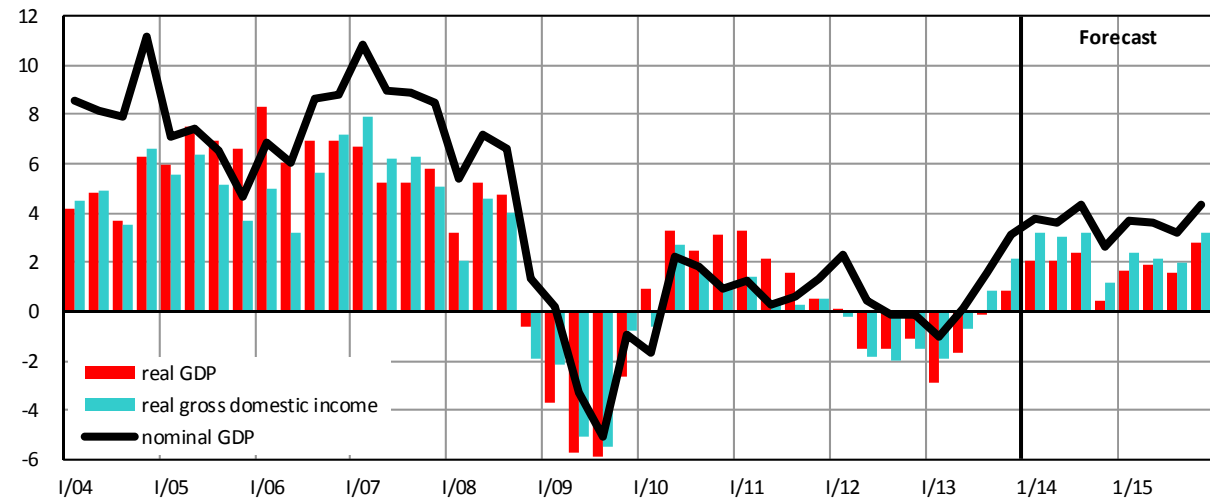
QoQ growth rate, in %, seasonally adjusted, past probability distribution reflects the actual distribution of data revisions, future probability distribution is based upon the MoF's forecasting performance



Source: CZSO, own calculations

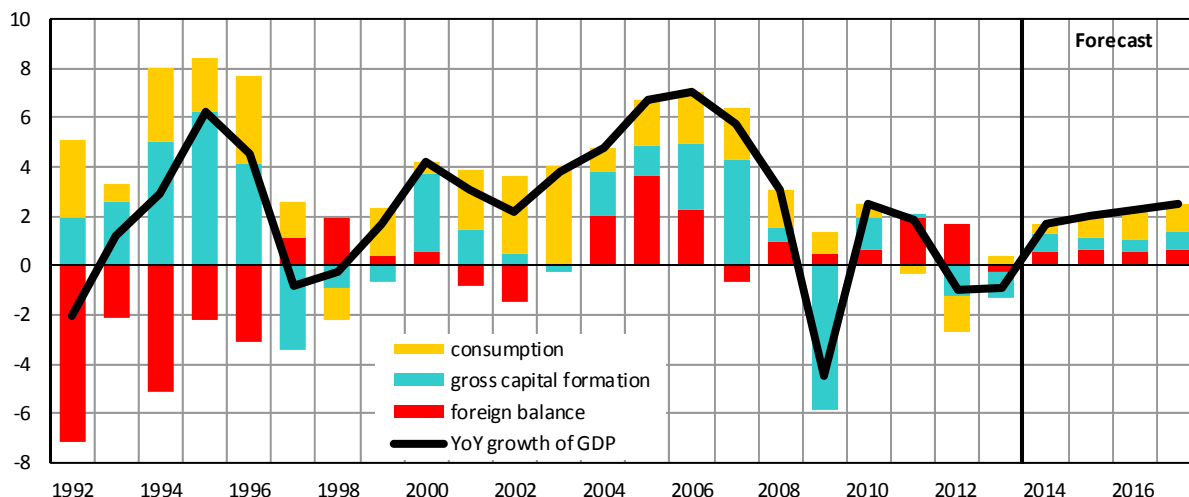
Graph C.1.3: Gross Domestic Product and Real Gross Domestic Income

YoY growth rate, in %



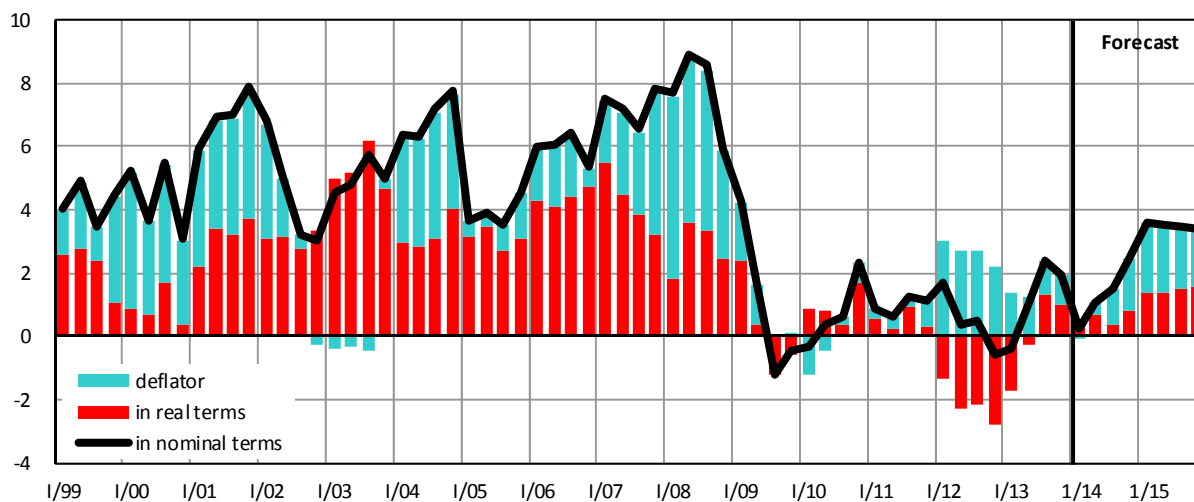
Source: CZSO, own calculations

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 %



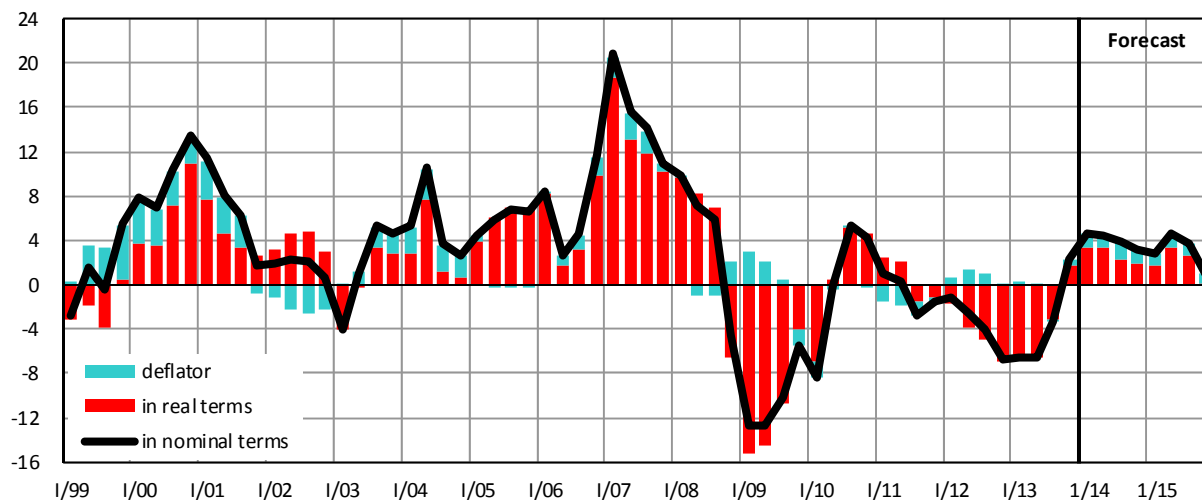
Source: CZSO, own calculations

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



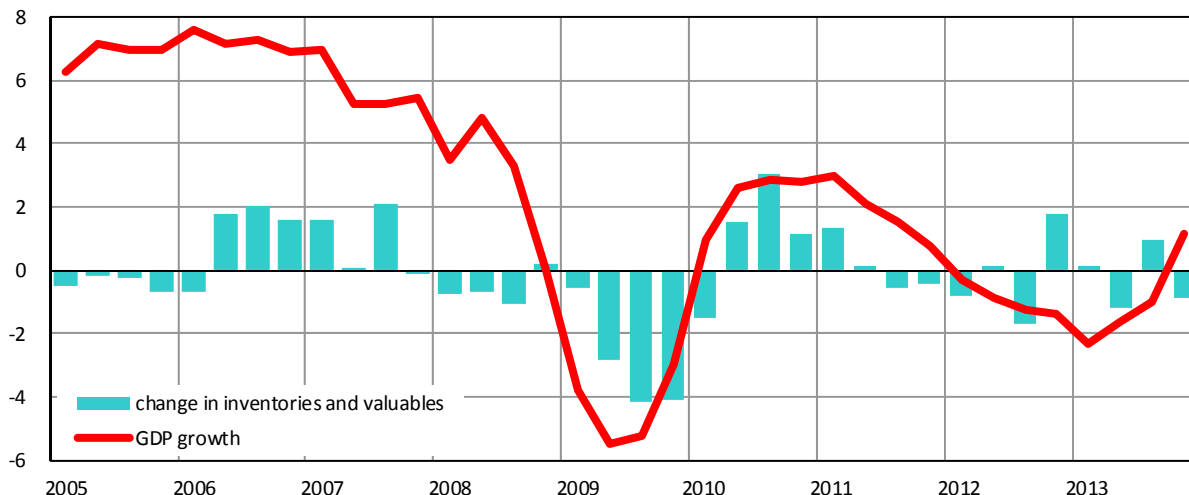
Source: CZSO, own calculations

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



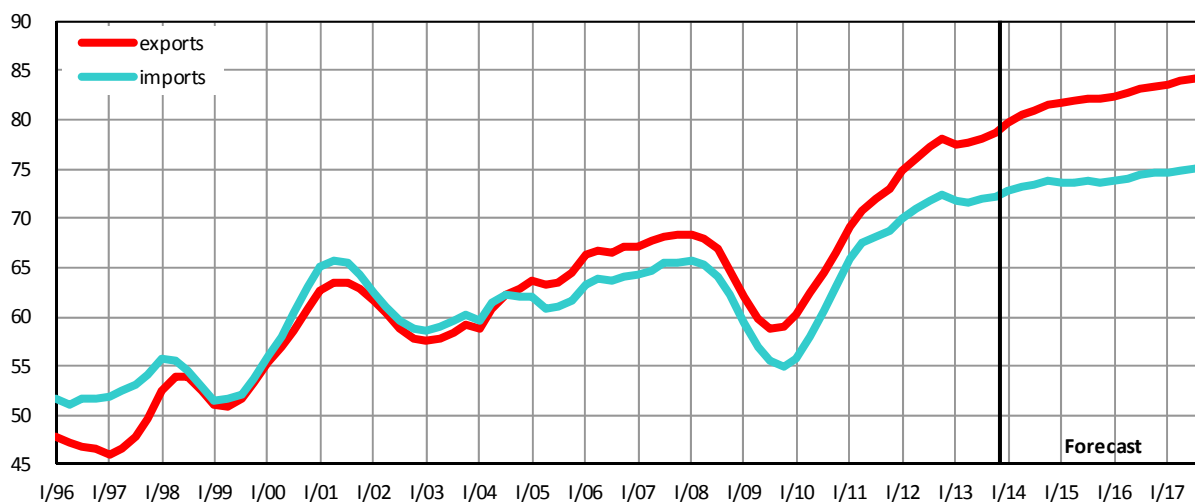
Source: CZSO, own calculations

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



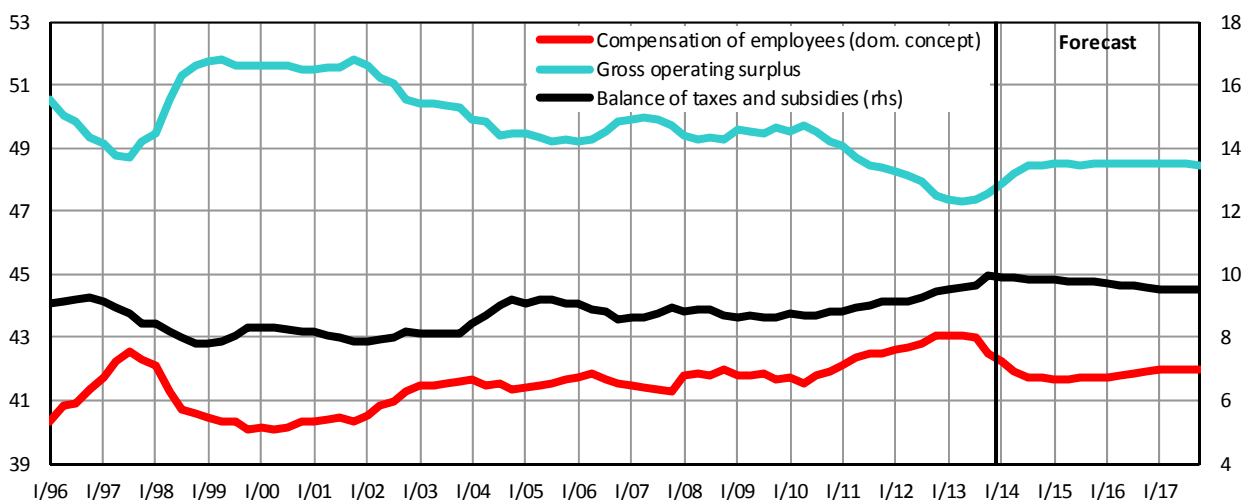
Source: CZSO

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>	3848	3759	3791	3823	3846	3884	4023	4173	4303	4471
	<i>growth in %</i>	5.1	-2.3	0.8	0.9	0.6	1.0	3.6	3.7	3.1	3.9
Balance of taxes and subsidies	<i>bill. CZK</i>	335	325	334	349	363	387	397	409	413	427
	<i>growth in %</i>	2.5	-3.1	2.8	4.3	4.2	6.5	2.5	3.2	0.9	3.4
– Taxes on production and imports	<i>bill. CZK</i>	419	425	434	457	471	494	508	522	527	543
	<i>growth in %</i>	2.9	1.4	2.1	5.3	3.2	4.9	2.8	2.7	1.0	3.0
– Subsidies on production	<i>bill. CZK</i>	84	100	100	108	108	108	112	113	115	116
	<i>growth in %</i>	4.4	19.5	-0.4	8.6	0.2	-0.4	3.7	1.0	1.5	1.5
Compensation of employees	<i>bill. CZK</i>	1617	1567	1590	1626	1656	1649	1679	1741	1804	1878
	<i>growth in %</i>	6.8	-3.0	1.4	2.2	1.8	-0.4	1.8	3.7	3.6	4.1
– Wages and salaries	<i>bill. CZK</i>	1226	1201	1210	1237	1260	1248	1270	1314	1362	1418
	<i>growth in %</i>	7.5	-2.1	0.8	2.2	1.8	-0.9	1.8	3.5	3.6	4.1
– Social security contributions	<i>bill. CZK</i>	390	367	380	389	396	402	409	427	443	461
	<i>growth in %</i>	4.7	-6.1	3.7	2.4	1.8	1.4	1.8	4.5	3.6	4.1
Gross operating surplus	<i>bill. CZK</i>	1896	1866	1867	1849	1827	1848	1947	2023	2086	2166
	<i>growth in %</i>	4.1	-1.6	0.0	-0.9	-1.2	1.1	5.4	3.9	3.1	3.8
– Consumption of capital	<i>bill. CZK</i>	680	710	720	731	746	760	775	794	816	841
	<i>growth in %</i>	5.6	4.4	1.4	1.6	2.0	1.9	2.0	2.5	2.8	3.0
– Net operating surplus	<i>bill. CZK</i>	1216	1156	1147	1118	1081	1088	1173	1229	1270	1325
	<i>growth in %</i>	3.2	-4.9	-0.8	-2.5	-3.3	0.6	7.8	4.8	3.3	4.4

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>Estimate</i>	<i>Forecast</i>	<i>Forecast</i>	<i>Forecast</i>
GDP	<i>bill. CZK</i>	898	968	983	1034	931	1004	1026	1062
	<i>growth in %</i>	-1.1	0.1	1.5	3.1	3.8	3.6	4.3	2.7
Balance of taxes and subsidies	<i>bill. CZK</i>	82	96	104	104	83	99	107	106
	<i>growth in %</i>	4.0	2.7	2.8	16.7	1.4	2.6	2.6	2.4
Compensation of employees	<i>bill. CZK</i>	397	410	409	434	402	413	418	446
	<i>growth in %</i>	-0.8	0.2	0.7	-1.5	1.4	0.8	2.1	2.8
– Wages and salaries	<i>bill. CZK</i>	299	309	310	329	303	312	316	338
	<i>growth in %</i>	-1.0	-0.2	0.3	-2.7	1.4	0.8	2.1	2.8
– Social security contributions	<i>bill. CZK</i>	97	100	99	105	99	101	101	108
	<i>growth in %</i>	-0.3	1.3	2.0	2.4	1.4	0.8	2.1	2.8
Gross operating surplus	<i>bill. CZK</i>	419	463	470	496	446	492	501	509
	<i>growth in %</i>	-2.2	-0.5	2.0	4.9	6.5	6.4	6.7	2.5

Source: CZSO, own calculations